

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082018\  
 Data File : VD059831.D  
 Acq On : 20 Aug 2018 14:52  
 Operator : JC/SY  
 Sample : VSTDICC150  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC150

Manual Integrations  
 APPROVED

apatel  
 8/21/2018 10:23:40 AM

Quant Time: Aug 21 04:28:31 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082018S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 21 02:29:07 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.59  | 168  | 1081605  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.64  | 114  | 1580569  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.66 | 117  | 1229263  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.88 | 152  | 498029   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 5.97   | 65  | 1164205  | 133.44 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 266.88% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 1607809  | 136.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 272.78% |      |
| 50) Toluene-d8            | 8.67   | 98  | 4109722  | 128.77 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 257.54% |      |
| 62) 4-Bromofluorobenzene  | 11.91  | 95  | 1463733  | 117.83 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 235.66% |      |

## Target Compounds

|                               |      |     |          |        |        | Qvalue |
|-------------------------------|------|-----|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.32 | 85  | 1300359  | 139.96 | ug/l   | 99     |
| 3) Chloromethane              | 1.46 | 50  | 1218217  | 158.12 | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.54 | 62  | 942119   | 150.89 | ug/l   | 99     |
| 5) Bromomethane               | 1.76 | 94  | 76510    | 90.92  | ug/l   | 89     |
| 6) Chloroethane               | 1.84 | 64  | 108573   | 69.49  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.04 | 101 | 786924   | 120.66 | ug/l   | 99     |
| 8) Diethyl Ether              | 2.31 | 74  | 195047   | 135.92 | ug/l   | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.52 | 101 | 534386   | 130.85 | ug/l   | 95     |
| 10) Methyl Iodide             | 2.65 | 142 | 689010   | 163.18 | ug/l   | 93     |
| 11) Tert butyl alcohol        | 3.24 | 59  | 207672   | 637.82 | ug/l # | 91     |
| 12) 1,1-Dichloroethene        | 2.50 | 96  | 387871   | 121.44 | ug/l   | 98     |
| 13) Acrolein                  | 2.44 | 56  | 245543   | 800.24 | ug/l   | 95     |
| 14) Allyl chloride            | 2.87 | 41  | 1164932  | 137.58 | ug/l   | 99     |
| 15) Acrylonitrile             | 3.33 | 53  | 1015585  | 690.70 | ug/l   | 97     |
| 16) Acetone                   | 2.58 | 43  | 1063484  | 723.72 | ug/l   | 100    |
| 17) Carbon Disulfide          | 2.72 | 76  | 1565599  | 146.42 | ug/l   | 99     |
| 18) Methyl Acetate            | 2.90 | 43  | 428821   | 133.74 | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 3.37 | 73  | 2503051  | 133.63 | ug/l   | 99     |
| 20) Methylene Chloride        | 3.02 | 84  | 469957   | 94.37  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 3.34 | 96  | 1079973  | 120.92 | ug/l   | 94     |
| 22) Diisopropyl ether         | 4.03 | 45  | 5651476  | 129.67 | ug/l   | 95     |
| 23) Vinyl Acetate             | 3.97 | 43  | 14744002 | 626.41 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 3.92 | 63  | 2627019  | 137.88 | ug/l   | 100    |
| 25) 2-Butanone                | 4.79 | 43  | 3219202  | 729.56 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 4.74 | 77  | 1803614  | 119.32 | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 4.75 | 96  | 1430775  | 124.50 | ug/l   | 96     |
| 28) Bromochloromethane        | 5.10 | 49  | 1260341  | 129.05 | ug/l   | 97     |
| 29) Tetrahydrofuran           | 5.14 | 42  | 1562218  | 705.89 | ug/l   | 99     |
| 30) Chloroform                | 5.28 | 83  | 2613942  | 139.30 | ug/l   | 100    |
| 31) Cyclohexane               | 5.54 | 56  | 2199924  | 126.35 | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 2138271  | 134.99 | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 5.70 | 75  | 1665453  | 122.49 | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.87 | 43  | 1388256  | 140.31 | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 5.68 | 117 | 1694468  | 125.34 | ug/l   | 100    |

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 ClientSampleID :  
 VSTDICC150

Manual Integrations  
 APPROVED

apatel  
 8/21/2018 10:23:40 AM

Quant Time: Aug 21 04:28:31 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082018S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 21 02:29:07 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.23  | 83   | 1940646  | 134.27  | ug/l   | 97       |
| 40) Benzene                    | 5.96  | 78   | 4433850  | 126.31  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.08  | 41   | 724812   | 142.27  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 6.08  | 62   | 1572184  | 139.47  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 7.58  | 43   | 1973294  | 145.37  | ug/l   | 98       |
| 44) Trichloroethene            | 6.94  | 130  | 1446198  | 139.80  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.30  | 63   | 1419927  | 139.55  | ug/l   | 100      |
| 46) Dibromomethane             | 7.41  | 93   | 911040   | 144.09  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.70  | 83   | 1933698  | 137.82  | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.46  | 41   | 1058019  | 139.36  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 7.45  | 88   | 195315   | 3088.25 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 8.56  | 43   | 6347201  | 679.86  | ug/l   | 98       |
| 52) Toluene                    | 8.76  | 92   | 2763035  | 124.07  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.14  | 75   | 1790562  | 140.13  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.32  | 75   | 2072827  | 135.13  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.42  | 97   | 1059241  | 133.63  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.27  | 69   | 1297511  | 142.43  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.63  | 76   | 1609925  | 139.30  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.15  | 63   | 2027182  | 433.26  | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.75  | 43   | 4716293  | 685.86  | ug/l   | 96       |
| 60) Dibromochloromethane       | 9.92  | 129  | 1457803  | 143.08  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.06 | 107  | 1217009  | 144.35  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.48  | 164  | 1231591  | 136.42  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.69 | 112  | 3116148  | 130.29  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.82 | 131  | 945057   | 114.43  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.84 | 91   | 3993314  | 101.81  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.99 | 106  | 2881179  | 200.53  | ug/l   | 99       |
| 69) o-Xylene                   | 11.38 | 106  | 1586271  | 113.00  | ug/l   | 97       |
| 70) Styrene                    | 11.41 | 104  | 2813672  | 115.65  | ug/l   | 98       |
| 71) Bromoform                  | 11.57 | 173  | 1081426  | 149.81  | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.75 | 105  | 4348147  | 128.00  | ug/l   | 99       |
| 74) N-amyl acetate             | 11.62 | 43   | 2253233  | 150.01  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.06 | 83   | 1245382  | 159.45  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.09 | 75   | 1189007  | 146.10  | ug/l   | 99       |
| 77) Bromobenzene               | 12.02 | 156  | 1263330  | 133.95  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.13 | 91   | 5004757  | 117.26  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.19 | 91   | 3121800  | 128.10  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.29 | 105  | 2527165  | 99.18   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.82 | 75   | 409392   | 162.63  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.30 | 91   | 2440019  | 96.30   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.55 | 119  | 3221459m | 107.58  | ug/l   |          |
| 84) 1,2,4-Trimethylbenzene     | 12.61 | 105  | 3290818  | 116.69  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 12.74 | 105  | 4171231  | 116.11  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.86 | 119  | 3363419  | 119.27  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.82 | 146  | 2096271  | 131.82  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.90 | 146  | 1911915  | 119.50  | ug/l   | 93       |
| 89) n-Butylbenzene             | 13.18 | 91   | 2664311  | 94.18   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.37 | 117  | 1070653  | 134.40  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene        | 13.17 | 146  | 1258297  | 97.18   | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.75 | 75   | 191557   | 165.55  | ug/l   | 78       |

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Sample : VSTDICC150  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC150

Manual Integrations  
APPROVED

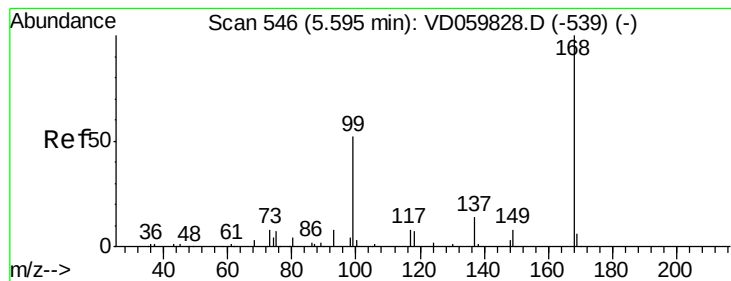
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8/21/2018 10:23:40 AM

Quant Time: Aug 21 04:28:31 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082018S.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 21 02:29:07 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.32 | 180  | 1464912  | 126.78 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.41 | 225  | 1045807  | 136.21 | ug/l  | 99       |
| 95) Naphthalene            | 14.50 | 128  | 2742102  | 148.75 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.63 | 180  | 1365108  | 136.09 | ug/l  | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.59 min Scan# 545

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleID :

VSTDIC150

Tot Ion:168 Resp: 1081605

Ion Ratio Lower Upper

168 100

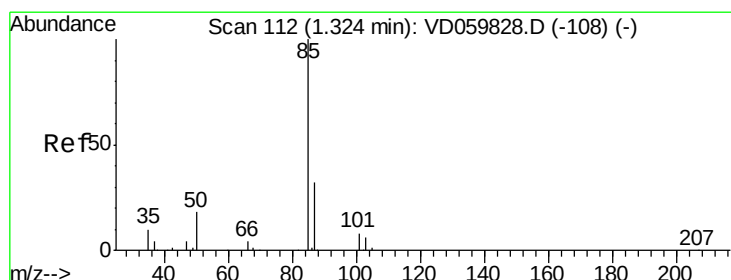
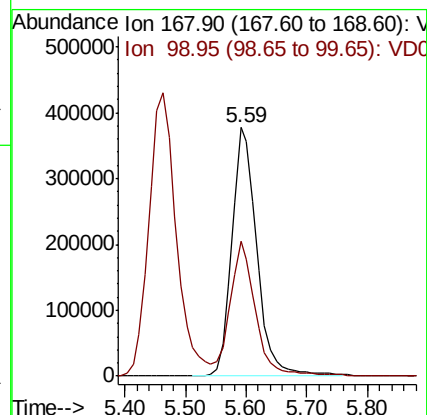
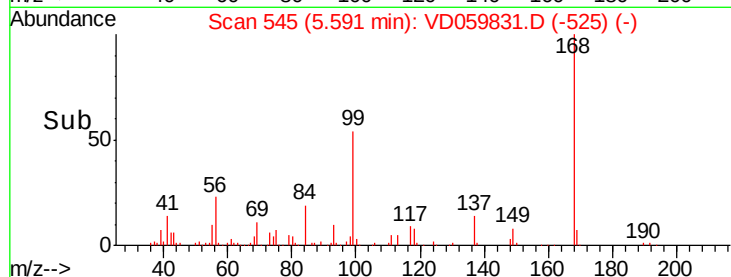
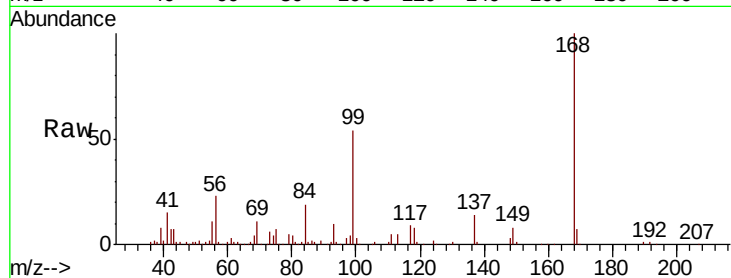
99 54.2 43.6 65.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 139.96 ug/l

RT: 1.32 min Scan# 111

Delta R.T. -0.00 min

Lab File: VD059831.D

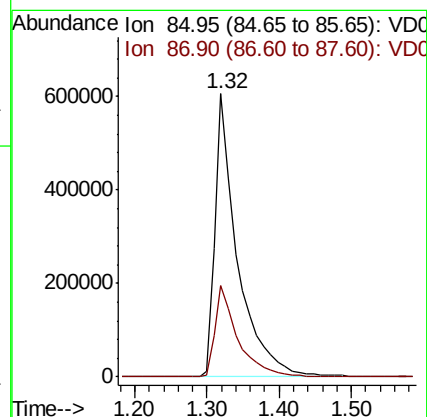
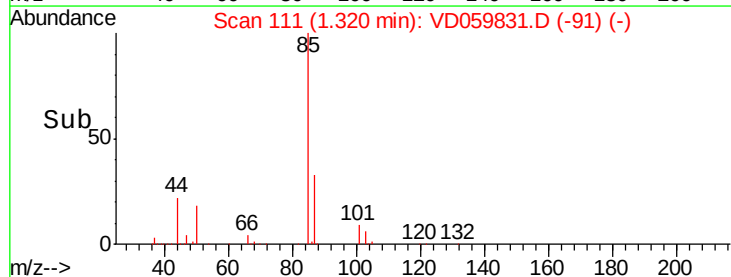
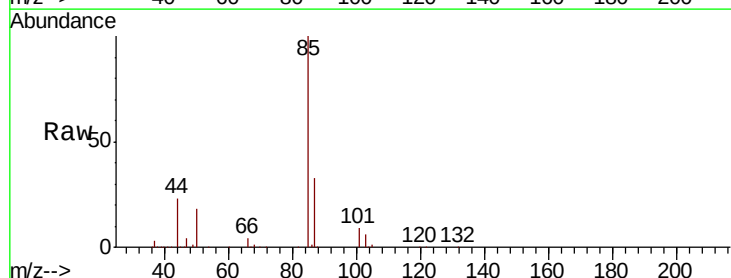
Acq: 20 Aug 2018 14:52

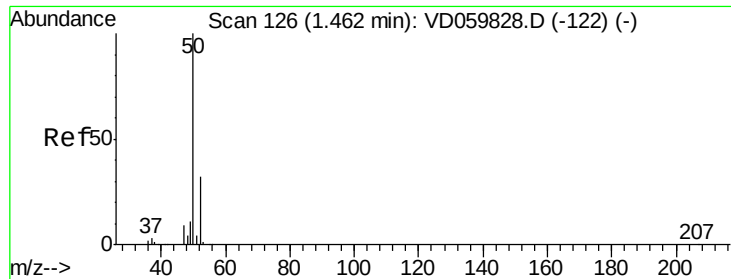
Tgt Ion: 85 Resp: 1300359

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.3





#3

Chloromethane

Concen: 158.12 ug/l

RT: 1.46 min Scan# 125

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 1218217

Ion Ratio Lower Upper

50 100

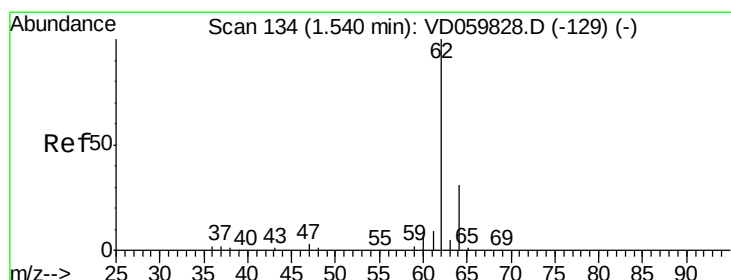
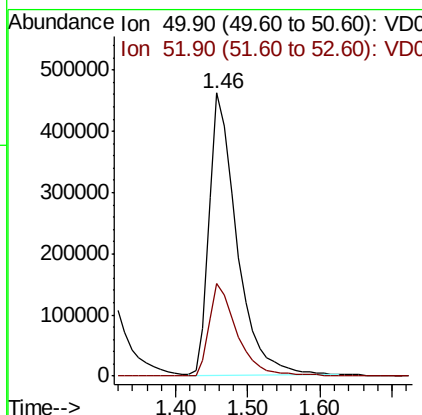
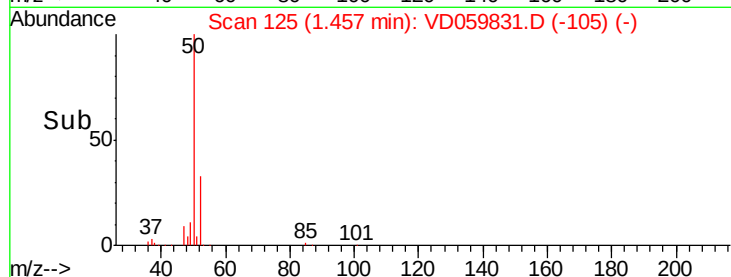
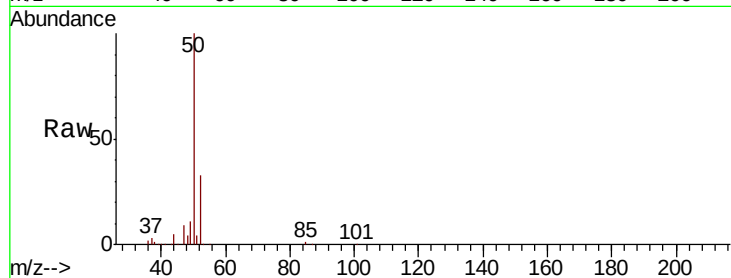
52 32.9 25.4 38.2

Manual Integrations

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8/21/2018 10:23:40 AM



#4

Vinyl Chloride

Concen: 150.89 ug/l

RT: 1.54 min Scan# 133

Delta R.T. -0.00 min

Lab File: VD059831.D

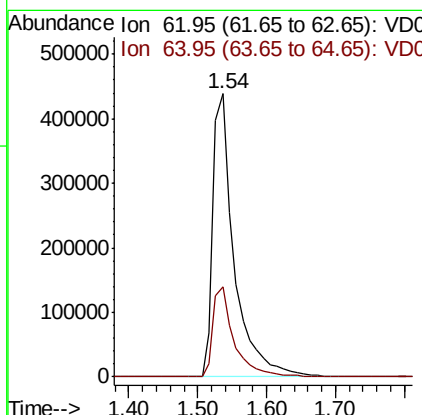
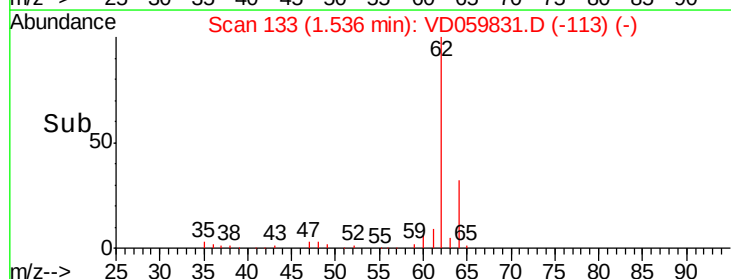
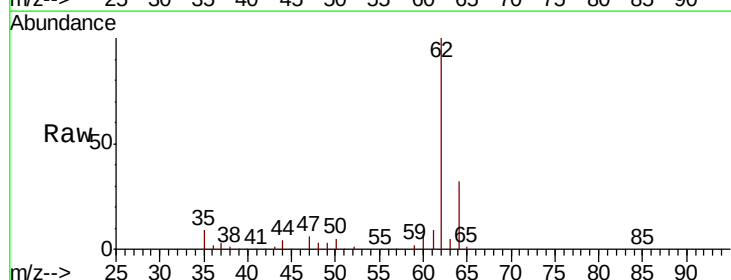
Acq: 20 Aug 2018 14:52

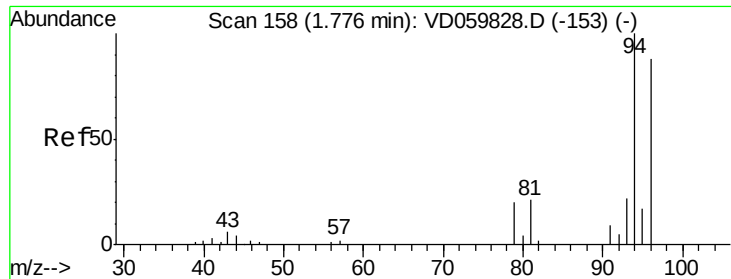
Tgt Ion: 62 Resp: 942119

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.6





#5

Bromomethane

Concen: 90.92 ug/l

RT: 1.76 min Scan# 156

Delta R.T. -0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 76510

Ion Ratio Lower Upper

94 100

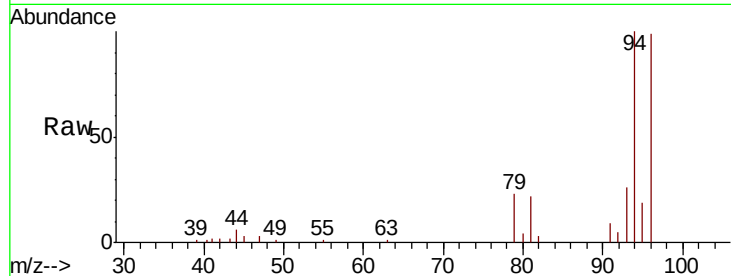
96 98.5 70.8 106.2

Manual Integrations

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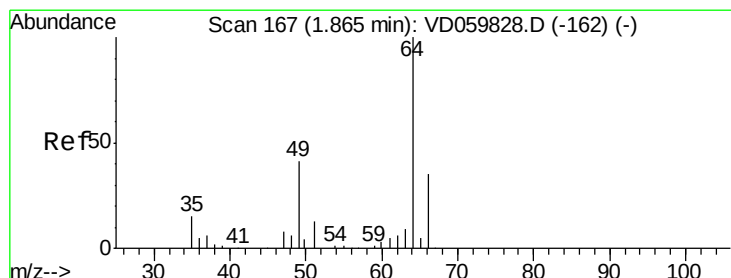
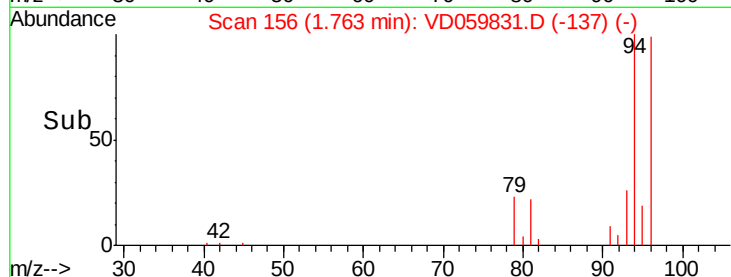
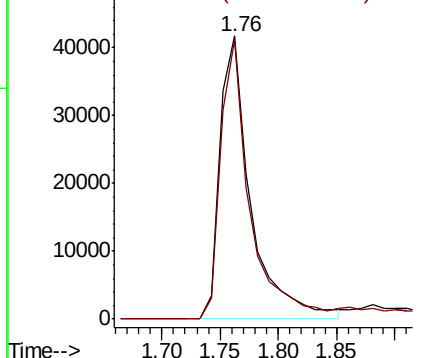
apatel

8/21/2018 10:23:40 AM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 69.49 ug/l

RT: 1.84 min Scan# 164

Delta R.T. -0.02 min

Lab File: VD059831.D

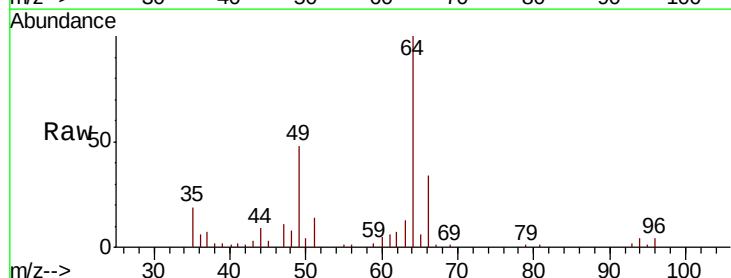
Acq: 20 Aug 2018 14:52

Tgt Ion: 64 Resp: 108573

Ion Ratio Lower Upper

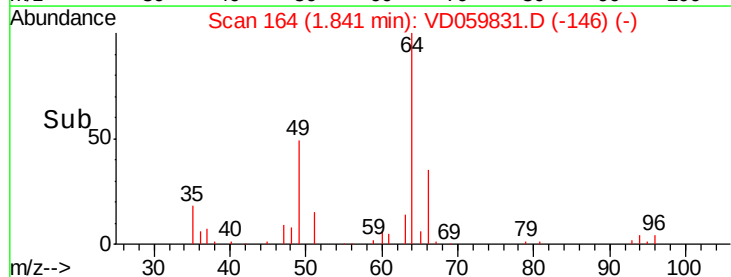
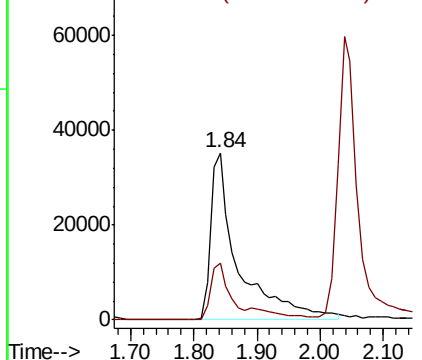
64 100

66 34.0 27.9 41.9

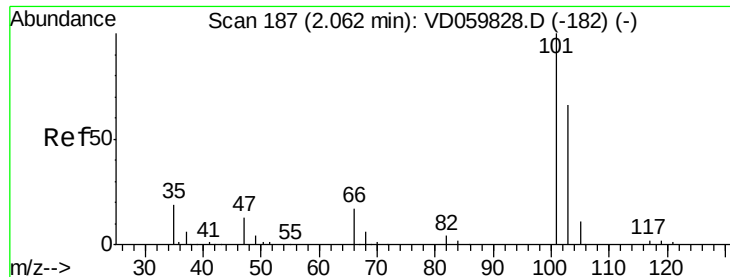


Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC







#7

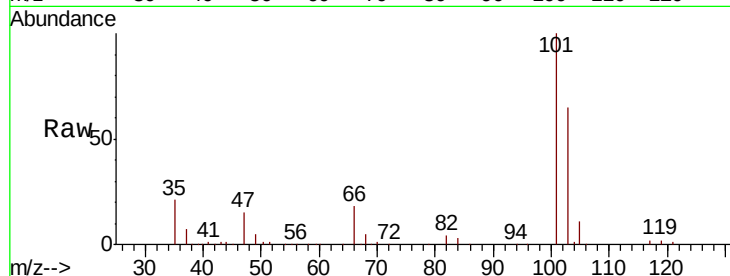
Trichlorofluoromethane  
Concen: 120.66 ug/l  
RT: 2.04 min Scan# 184  
Delta R.T. -0.02 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

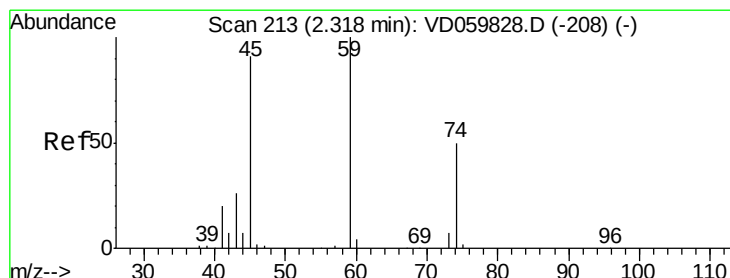
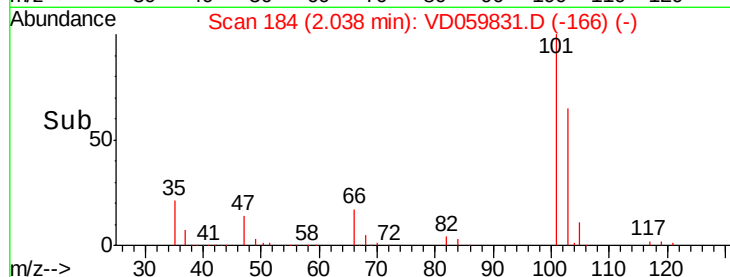
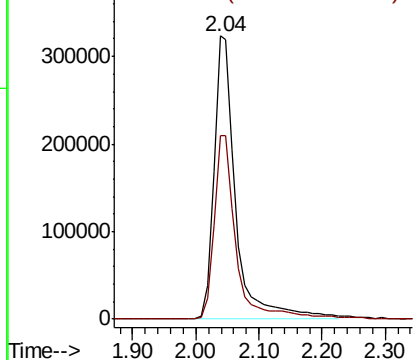
Tot Ion:101 Resp: 786924  
Ion Ratio Lower Upper  
101 100  
103 65.0 53.0 79.4

Manual Integrations  
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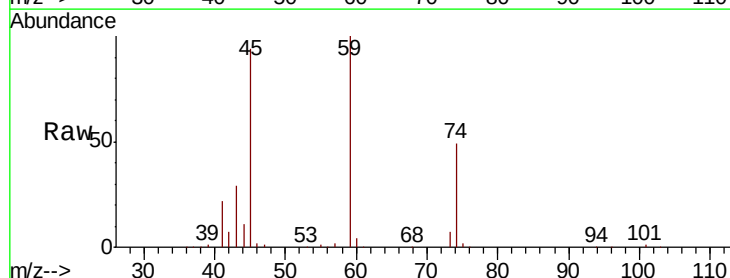
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



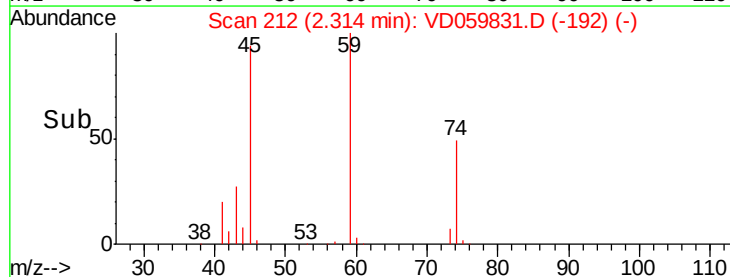
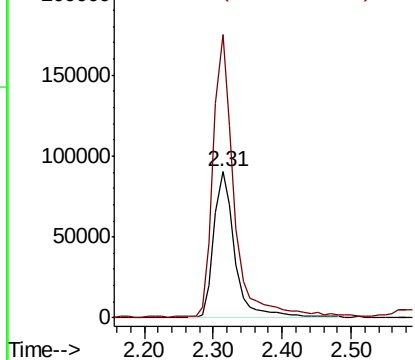
#8

Diethyl Ether  
Concen: 135.92 ug/l  
RT: 2.31 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

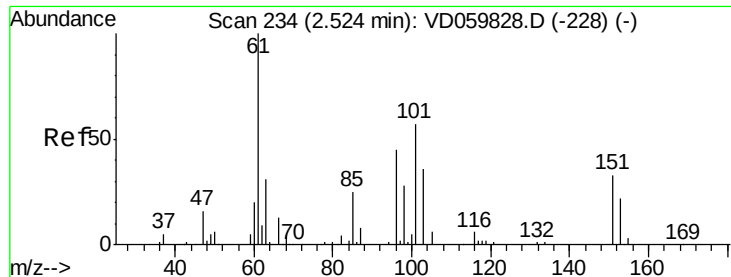
Tgt Ion: 74 Resp: 195047  
Ion Ratio Lower Upper  
74 100  
45 193.4 90.6 271.9



Abundance Ion 74.00 (73.70 to 74.70): VDC  
Ion 45.05 (44.75 to 45.75): VDC







#9

1,1,2-Trichlorotrifluoroethane

Concen: 130.85 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

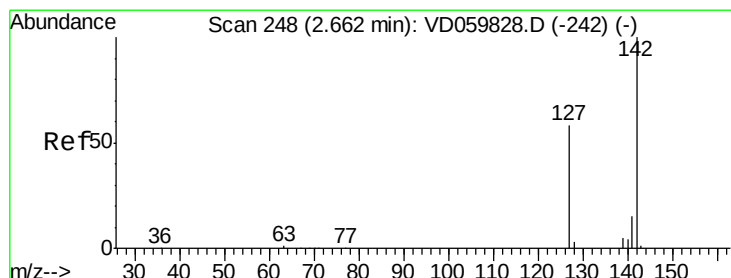
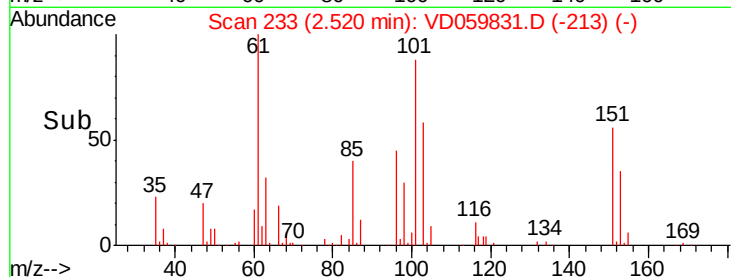
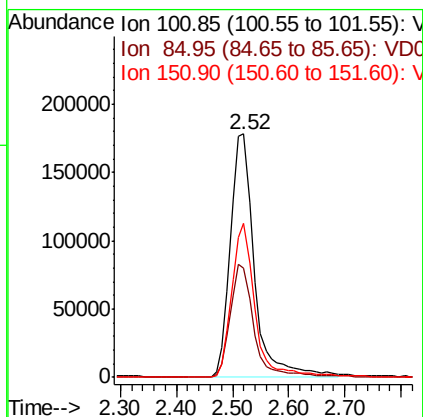
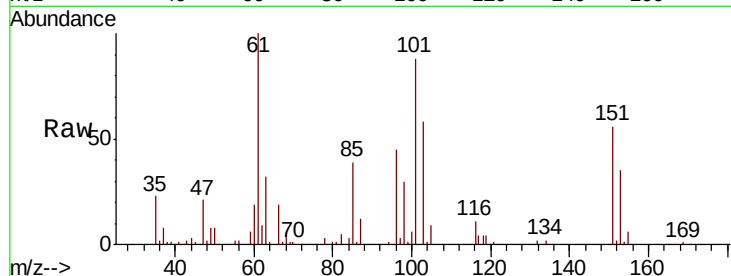
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 534386 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.6  | 35.7  | 53.5   |
| 151       | 63.2  | 45.8  | 68.6   |

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#10

Methyl Iodide

Concen: 163.18 ug/l

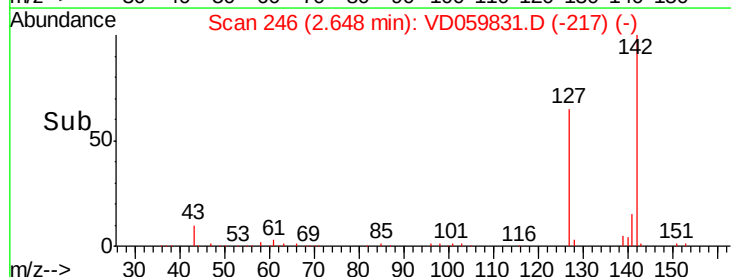
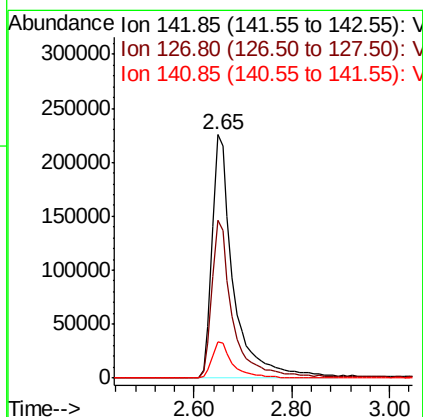
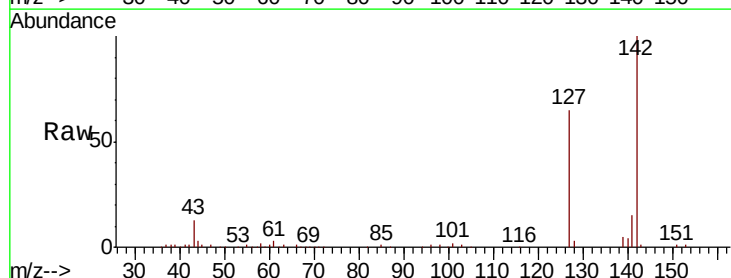
RT: 2.65 min Scan# 246

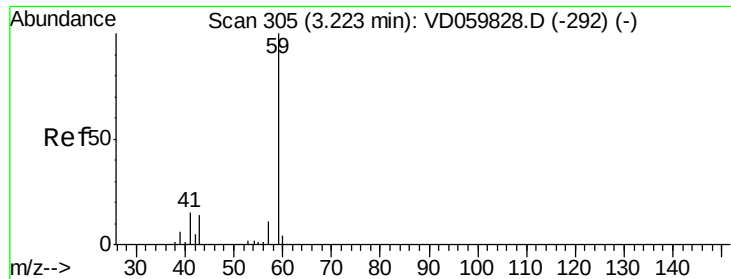
Delta R.T. -0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 689010 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 64.6  | 46.6  | 69.8   |
| 141       | 14.8  | 11.7  | 17.5   |





#11

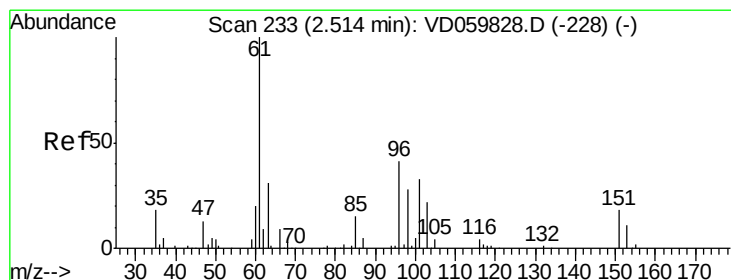
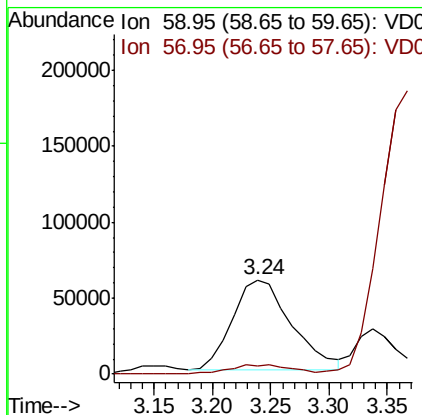
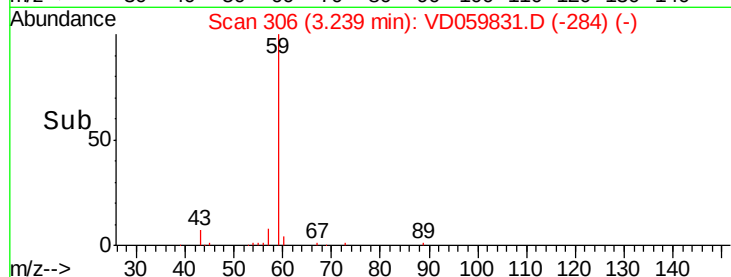
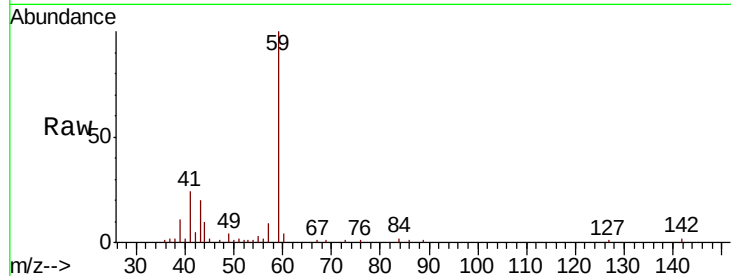
Tert butyl alcohol  
Concen: 637.82 ug/l  
RT: 3.24 min Scan# 306  
Delta R.T. 0.02 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC150

Tot Ion: 59 Resp: 207672  
Ion Ratio Lower Upper  
59 100  
57 9.2 10.3 15.5#

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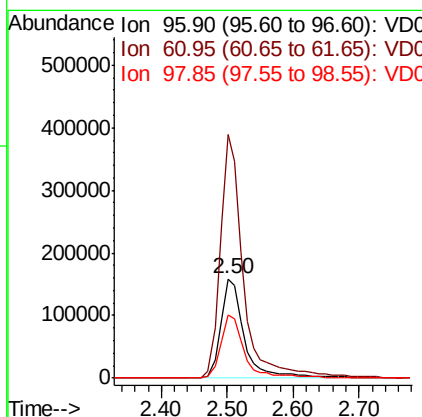
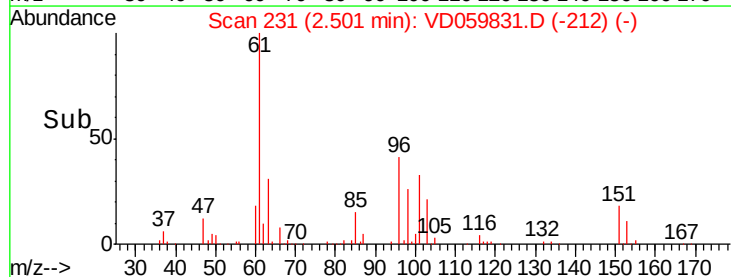
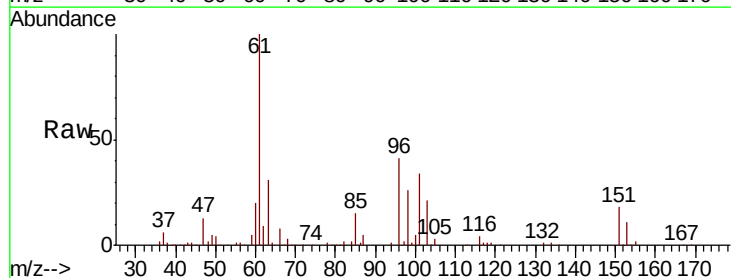
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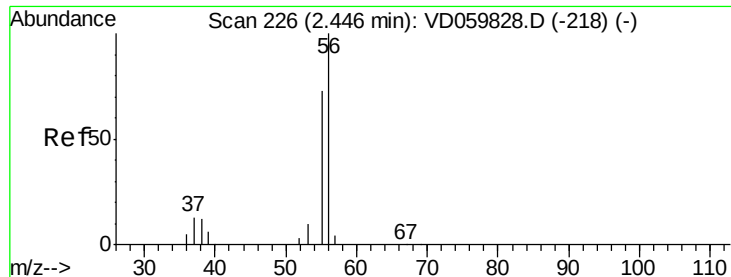


#12

1,1-Dichloroethene  
Concen: 121.44 ug/l  
RT: 2.50 min Scan# 231  
Delta R.T. -0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Tgt Ion: 96 Resp: 387871  
Ion Ratio Lower Upper  
96 100  
61 245.6 194.0 291.0  
98 63.1 53.4 80.0





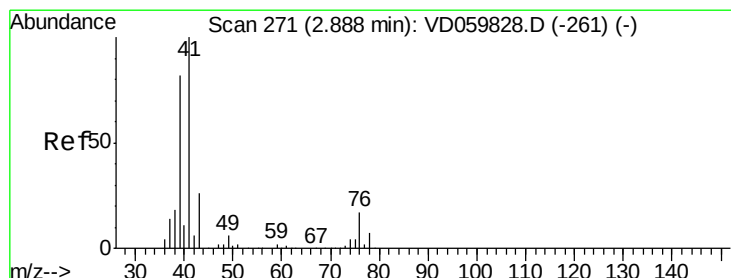
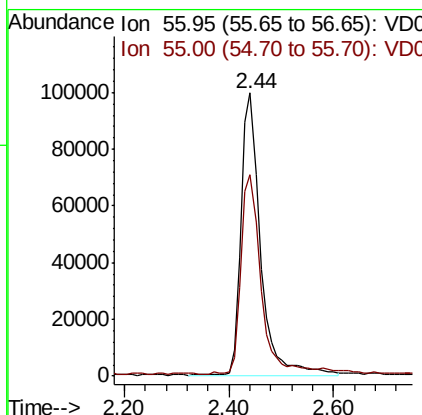
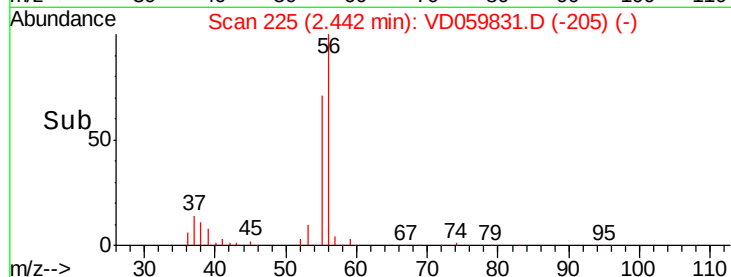
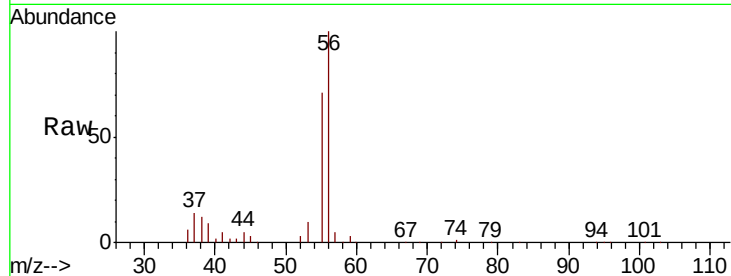
#13  
Acrolein  
Concen: 800.24 ug/l  
RT: 2.44 min Scan# 225  
Delta R.T. -0.00 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

| Tot Ion | 56  | 55   | Ratio | Lower | Upper |
|---------|-----|------|-------|-------|-------|
| 245543  | 100 | 71.4 |       | 60.4  | 90.6  |

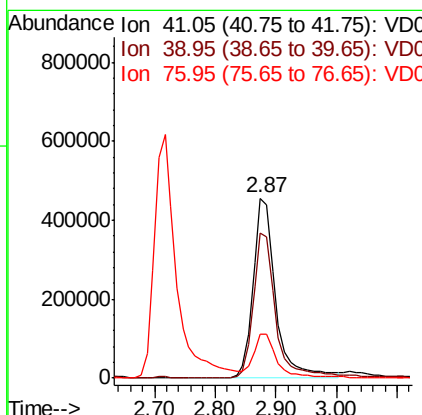
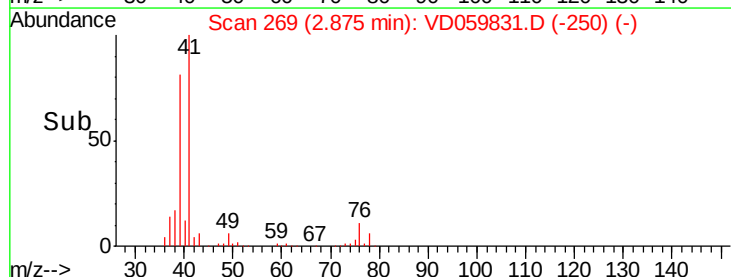
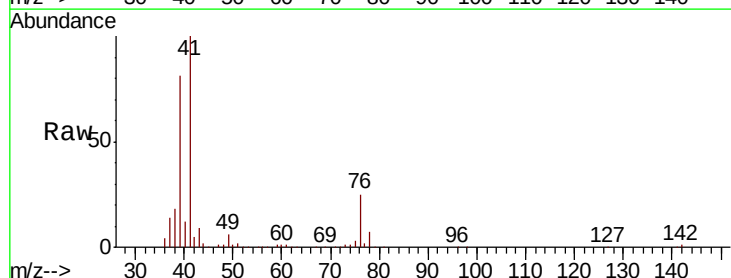
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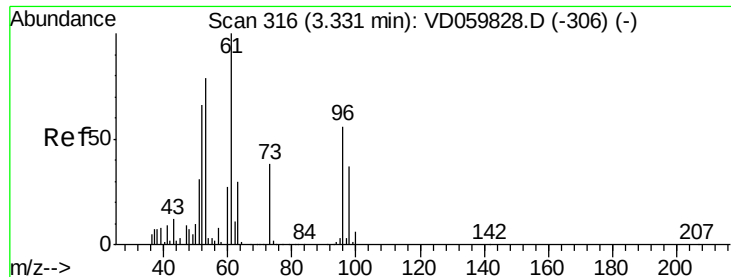
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#14  
Allyl chloride  
Concen: 137.58 ug/l  
RT: 2.87 min Scan# 269  
Delta R.T. -0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

| Tgt Ion | 41  | 39   | 76   | Ratio | Lower | Upper |
|---------|-----|------|------|-------|-------|-------|
| 1164932 | 100 | 80.8 | 24.7 |       | 65.9  | 98.9  |





#15

Acrylonitrile

Concen: 690.70 ug/l

RT: 3.33 min Scan# 315

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1015585

Ion Ratio Lower Upper

53 100

52 86.2 66.8 100.2

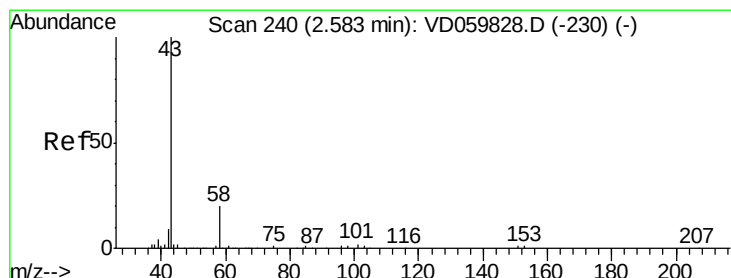
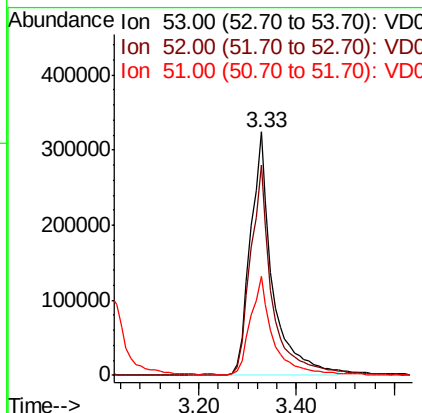
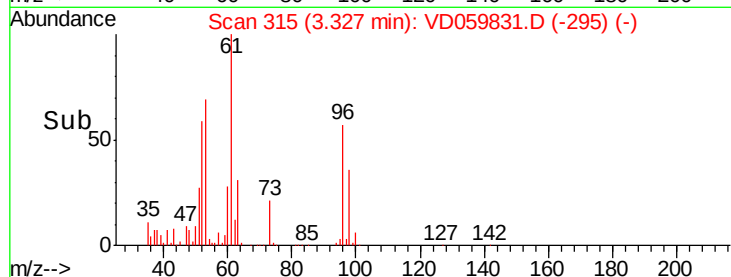
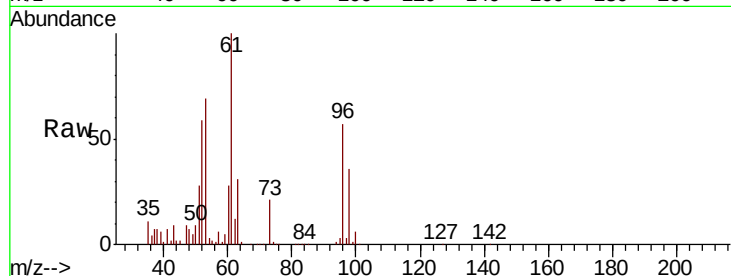
51 40.4 31.6 47.4

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#16

Acetone

Concen: 723.72 ug/l

RT: 2.58 min Scan# 239

Delta R.T. -0.00 min

Lab File: VD059831.D

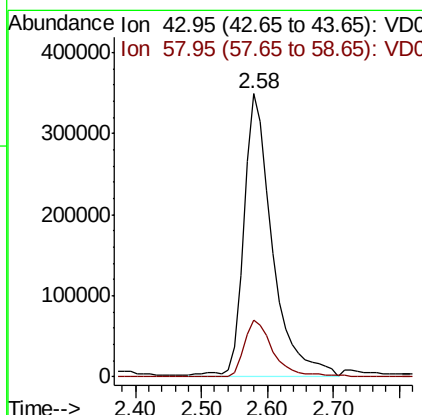
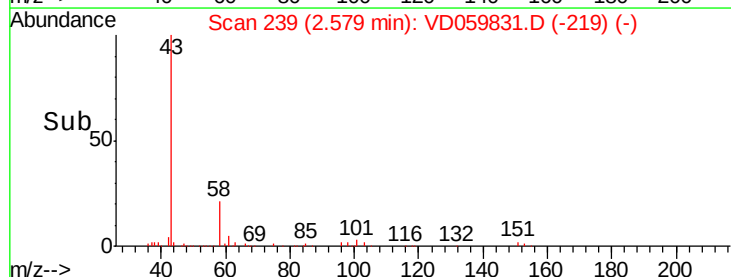
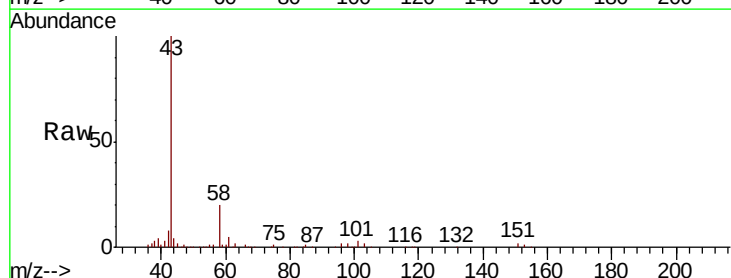
Acq: 20 Aug 2018 14:52

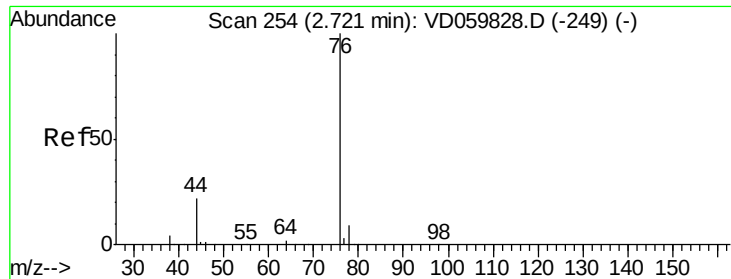
Tgt Ion: 43 Resp: 1063484

Ion Ratio Lower Upper

43 100

58 20.1 16.2 24.2





#17

Carbon Disulfide

Concen: 146.42 ug/l

RT: 2.72 min Scan# 253

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1565599

Ion Ratio Lower Upper

76 100

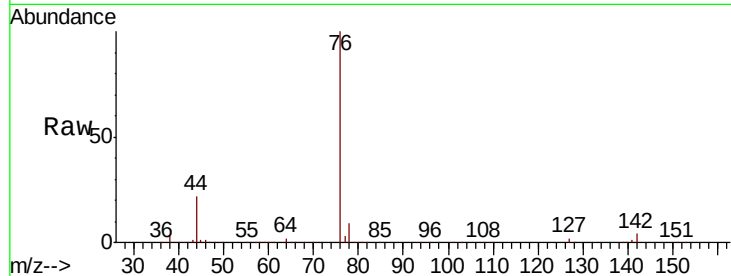
78 9.3 7.0 10.6

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Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

2.72

600000

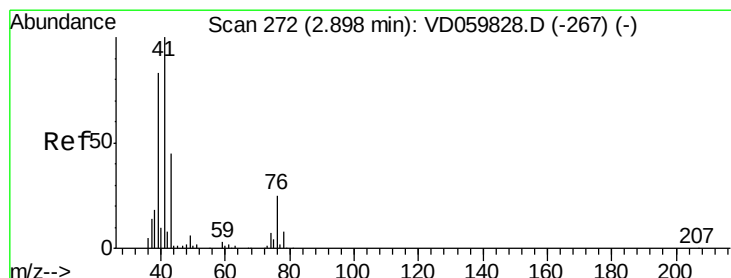
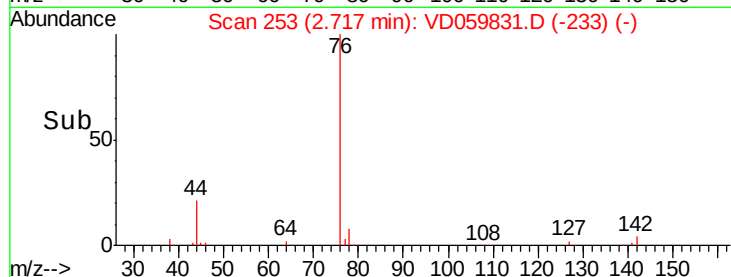
400000

200000

0

Time-->

2.60 2.70 2.80



#18

Methyl Acetate

Concen: 133.74 ug/l

RT: 2.90 min Scan# 272

Delta R.T. 0.01 min

Lab File: VD059831.D

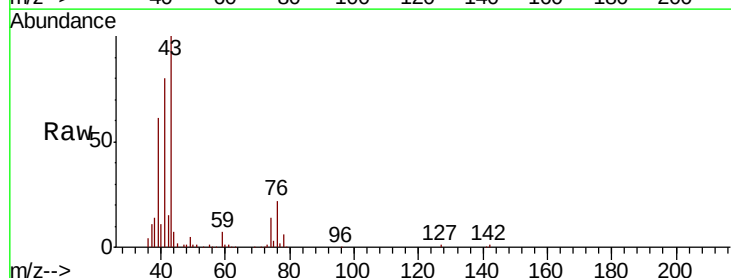
Acq: 20 Aug 2018 14:52

Tgt Ion: 43 Resp: 428821

Ion Ratio Lower Upper

43 100

74 14.0 11.4 17.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

2.90

200000

150000

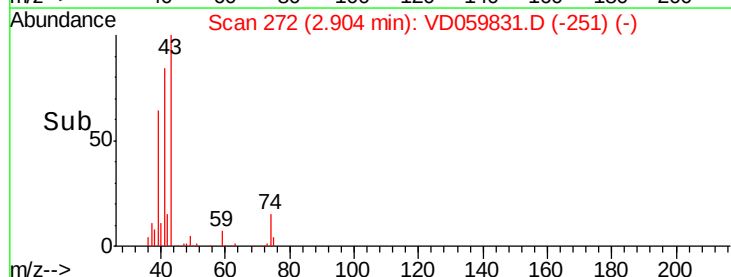
100000

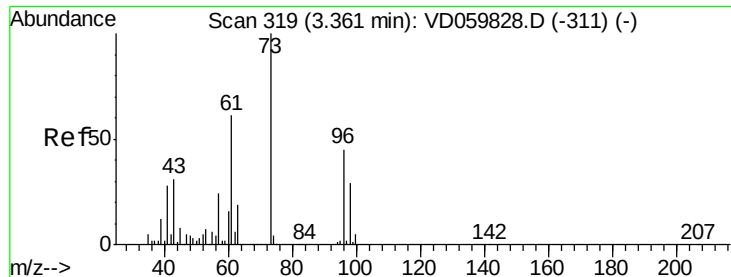
50000

0

Time-->

2.80 2.90 3.00





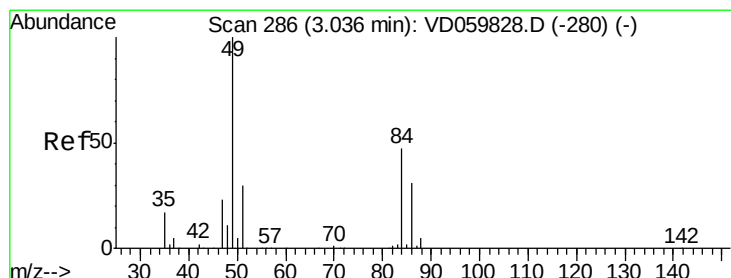
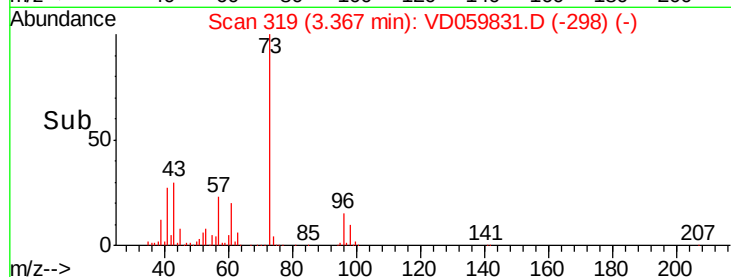
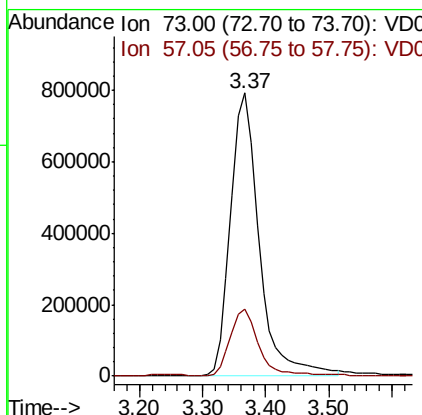
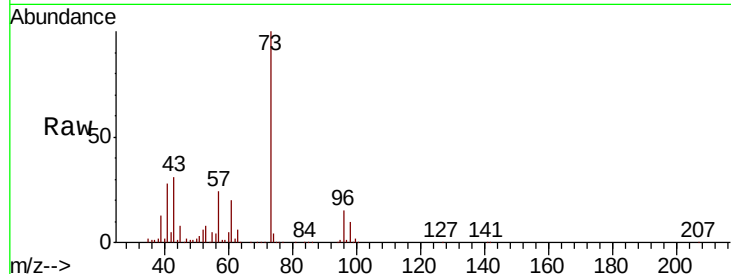
#19  
Methyl tert-butyl Ether  
Concen: 133.63 ug/l  
RT: 3.37 min Scan# 319  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion: 73 Resp: 2503051  
Ion Ratio Lower Upper  
73 100  
57 23.5 19.4 29.0

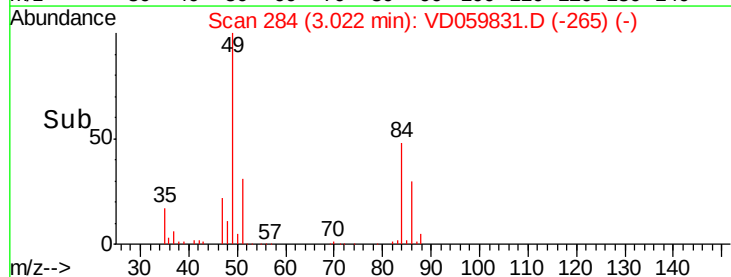
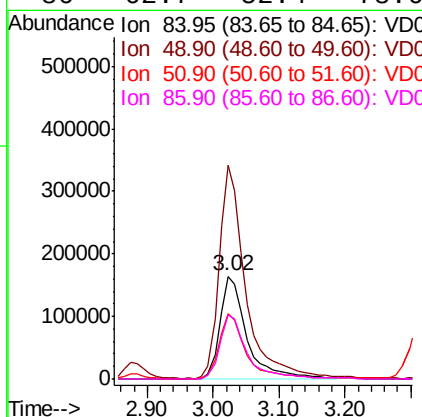
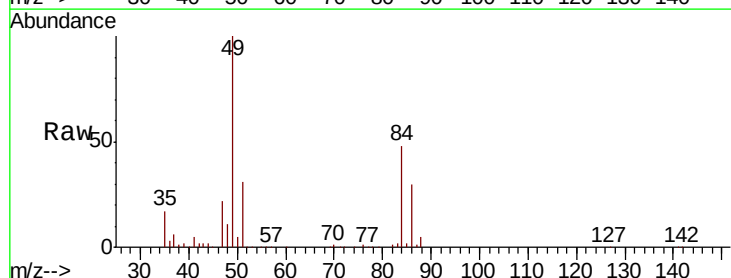
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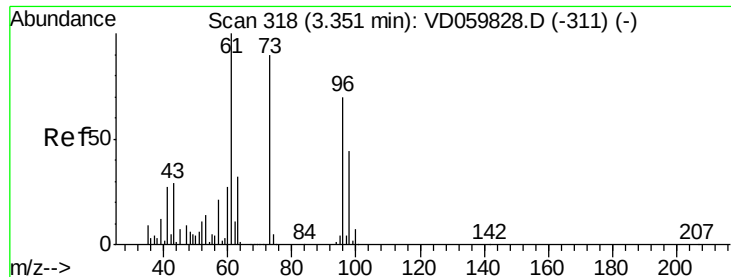
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#20  
Methylene Chloride  
Concen: 94.37 ug/l  
RT: 3.02 min Scan# 284  
Delta R.T. -0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Tgt Ion: 84 Resp: 469957  
Ion Ratio Lower Upper  
84 100  
49 208.6 170.4 255.6  
51 64.3 51.4 77.0  
86 62.7 52.4 78.6





#21

trans-1,2-Dichloroethene

Concen: 120.92 ug/l

RT: 3.34 min Scan# 316

Delta R.T. -0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 1079973

Ion Ratio Lower Upper

96 100

61 151.9 114.1 171.1

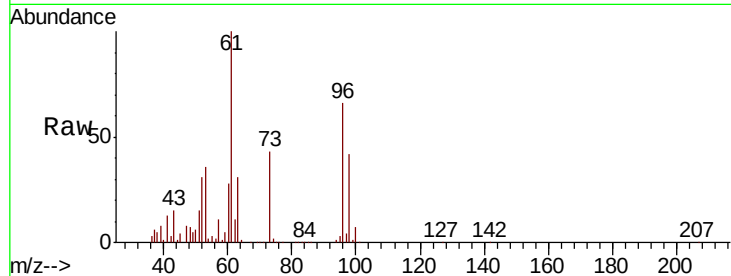
98 63.6 50.1 75.1

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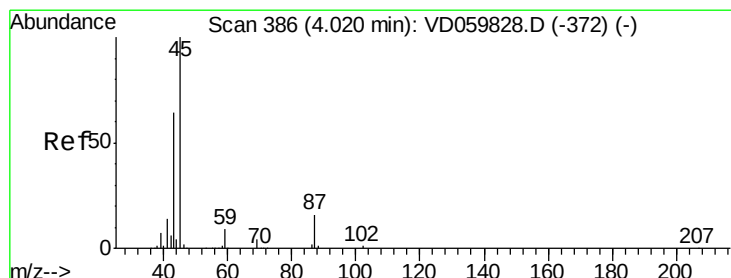
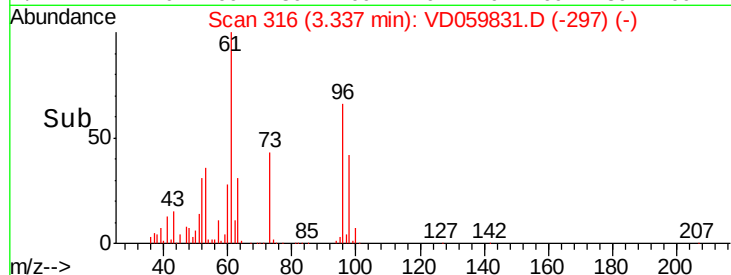
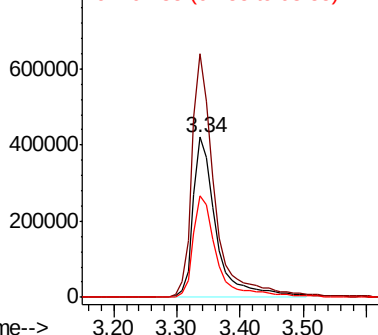


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 129.67 ug/l

RT: 4.03 min Scan# 386

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Tgt Ion: 45 Resp: 5651476

Ion Ratio Lower Upper

45 100

43 58.5 51.1 76.7

87 16.5 12.5 18.7

59 9.2 7.1 10.7

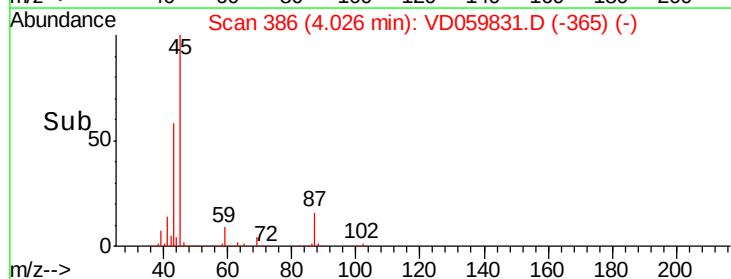
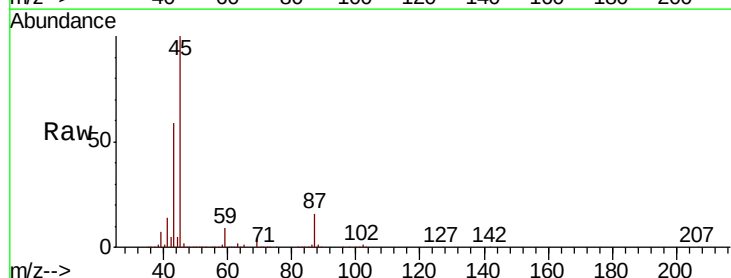
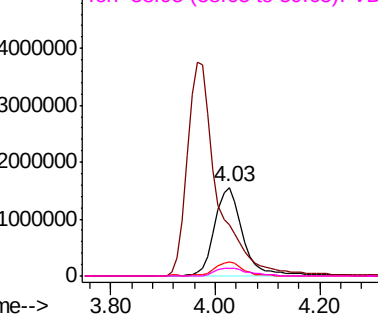
Abundance

Ion 45.05 (44.75 to 45.75): VDC

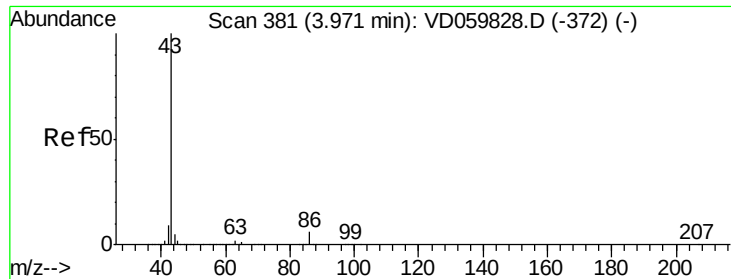
Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC







#23

Vinyl Acetate

Concen: 626.41 ug/l

RT: 3.97 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp:14744002

Ion Ratio Lower Upper

43 100

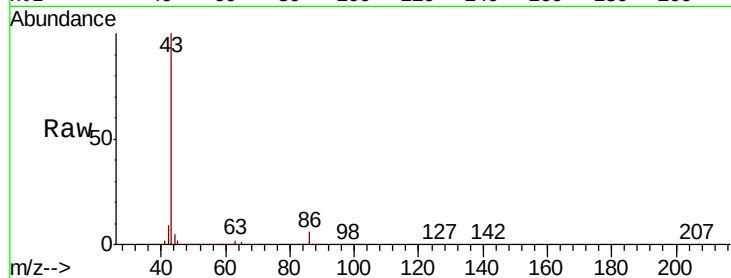
86 5.8 4.6 7.0

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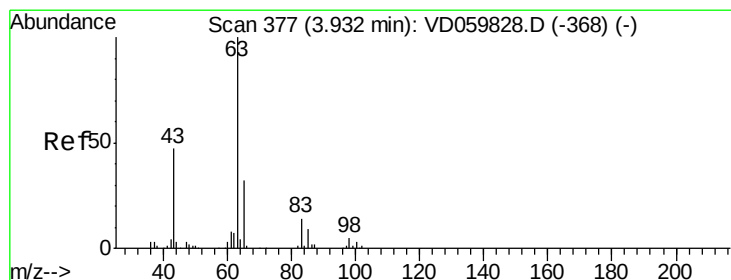
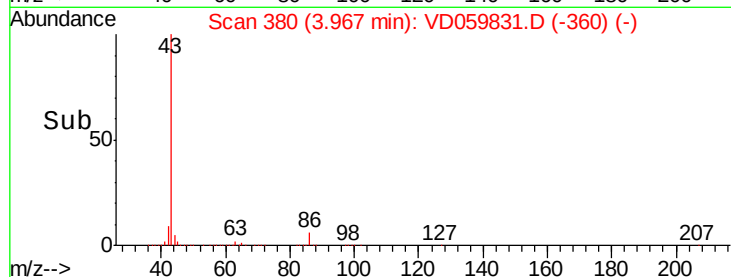
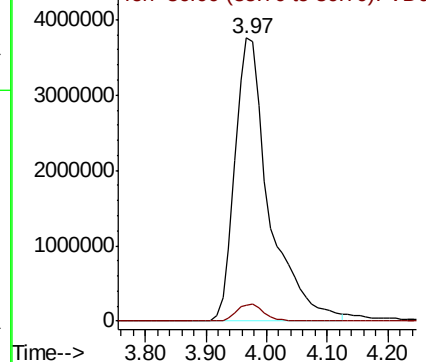
apatel

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 137.88 ug/l

RT: 3.92 min Scan# 375

Delta R.T. -0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

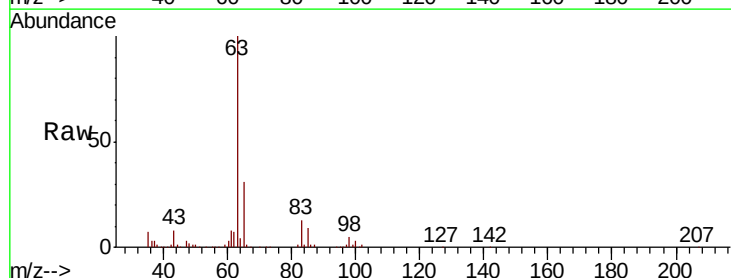
Tgt Ion: 63 Resp: 2627019

Ion Ratio Lower Upper

63 100

98 4.9 2.5 7.6

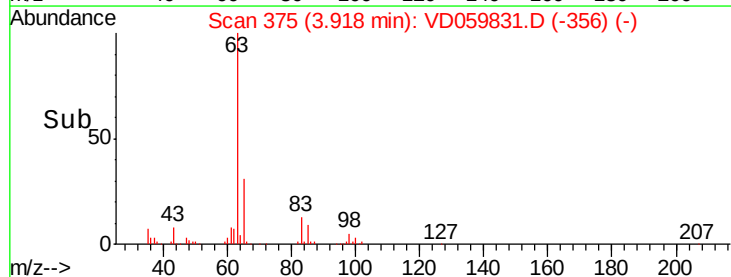
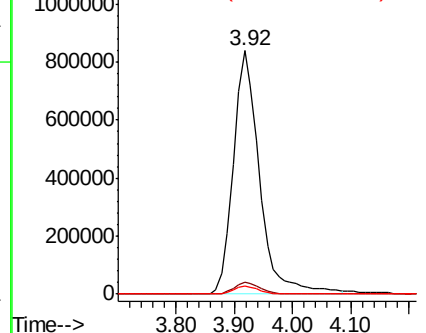
100 3.3 1.7 5.0

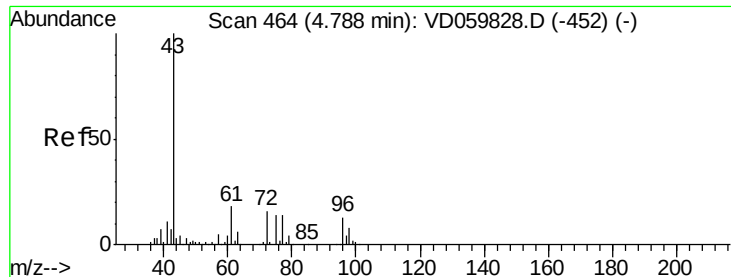


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 729.56 ug/l

RT: 4.79 min Scan# 464

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3219202

Ion Ratio Lower Upper

43 100

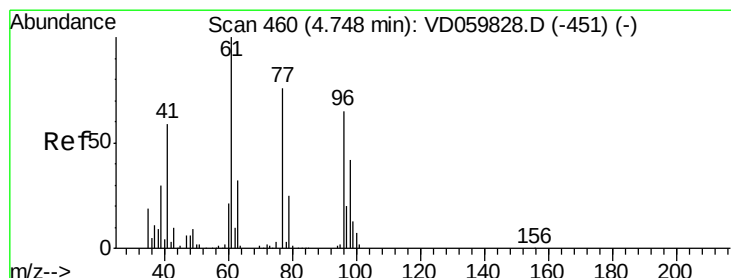
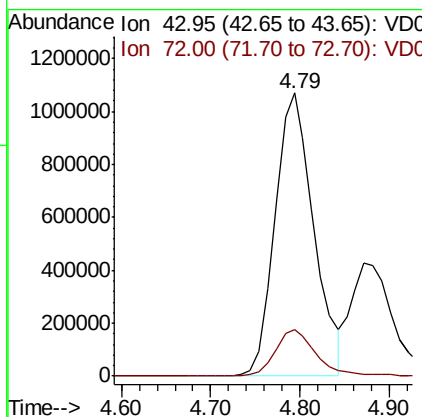
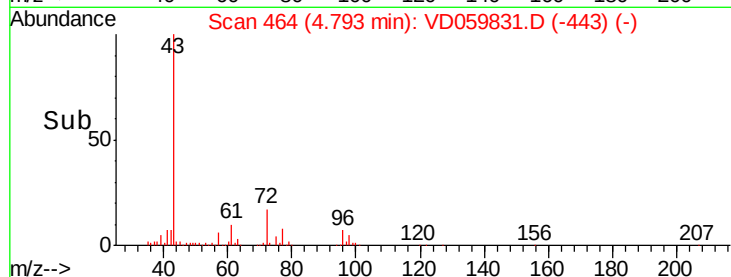
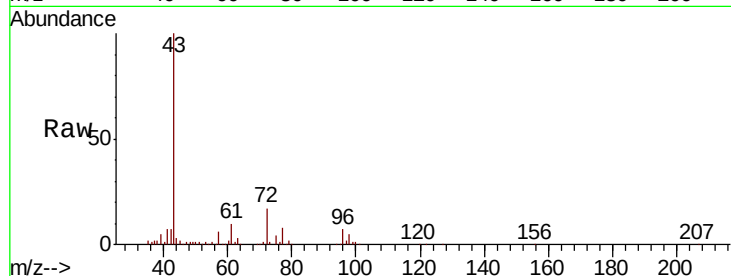
72 16.6 12.4 18.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 119.32 ug/l

RT: 4.74 min Scan# 459

Delta R.T. -0.00 min

Lab File: VD059831.D

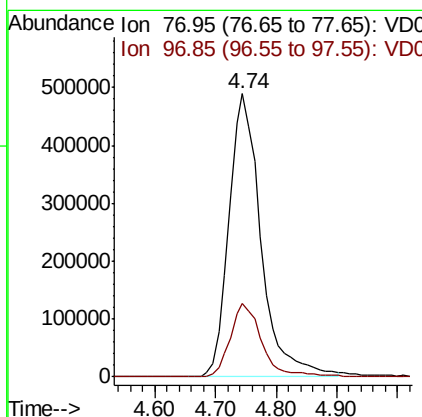
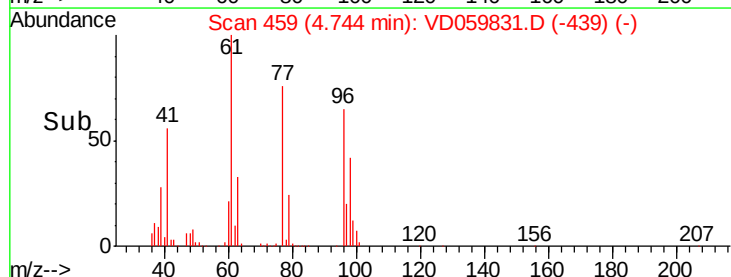
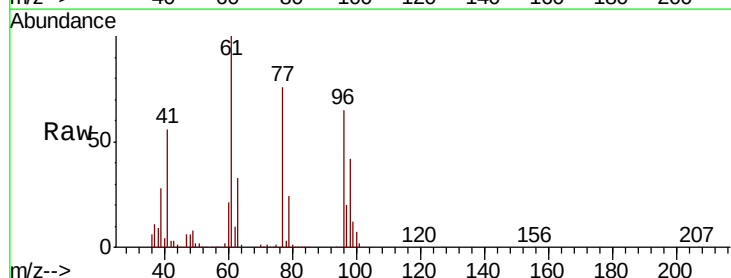
Acq: 20 Aug 2018 14:52

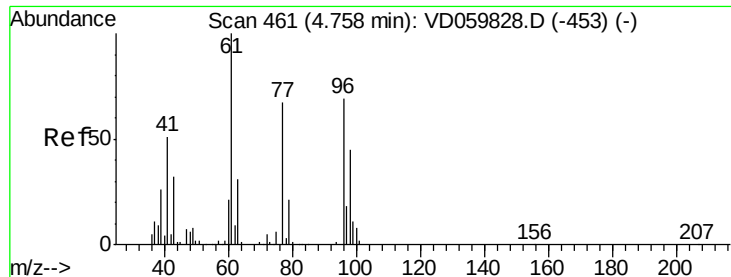
Tgt Ion: 77 Resp: 1803614

Ion Ratio Lower Upper

77 100

97 25.8 13.0 38.9





#27

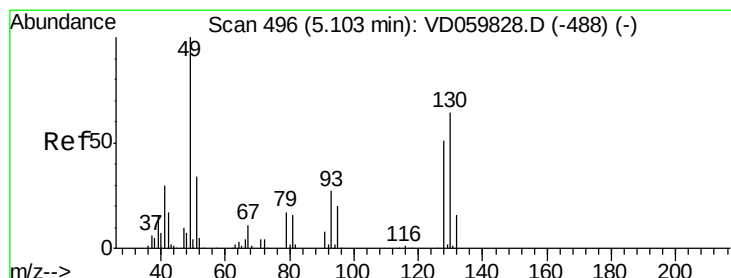
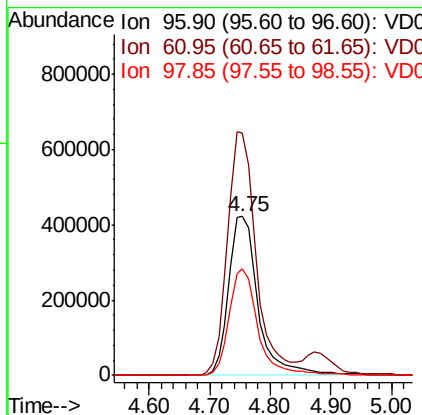
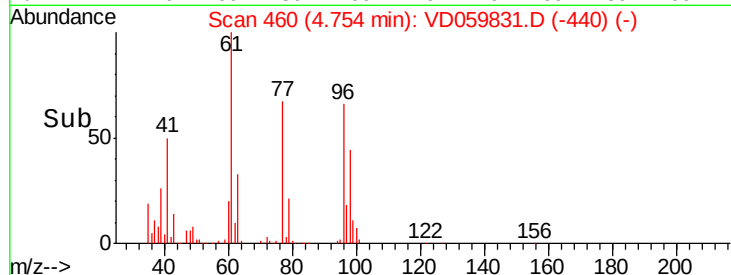
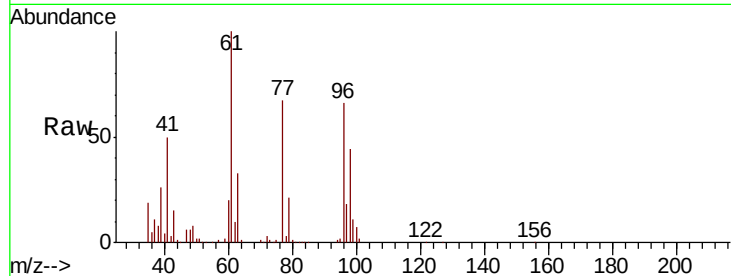
cis-1,2-Dichloroethene  
 Concen: 124.50 ug/l  
 RT: 4.75 min Scan# 460  
 Delta R.T. -0.00 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 152.2 | 0.0   | 291.8 |
| 98      | 66.9  | 0.0   | 131.6 |

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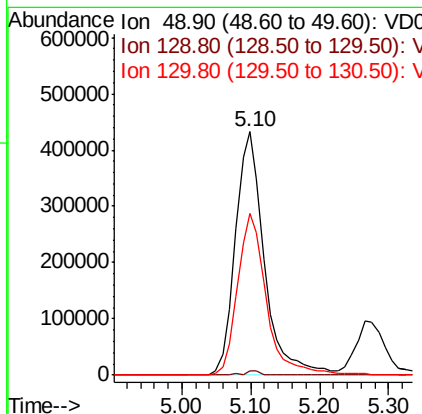
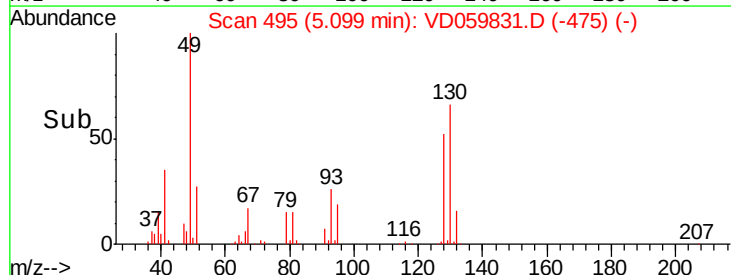
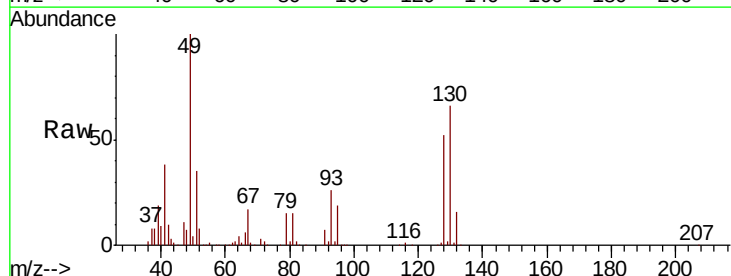
apatel  
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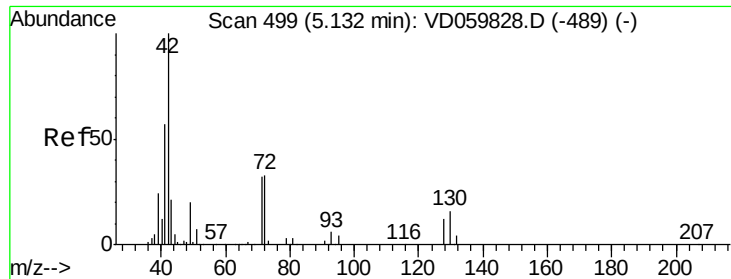


#28

Bromochloromethane  
 Concen: 129.05 ug/l  
 RT: 5.10 min Scan# 495  
 Delta R.T. -0.00 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.8   | 0.0   | 3.8   |
| 130     | 66.2  | 51.0  | 76.6  |





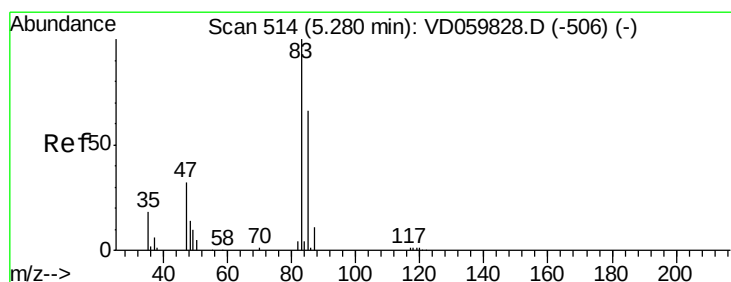
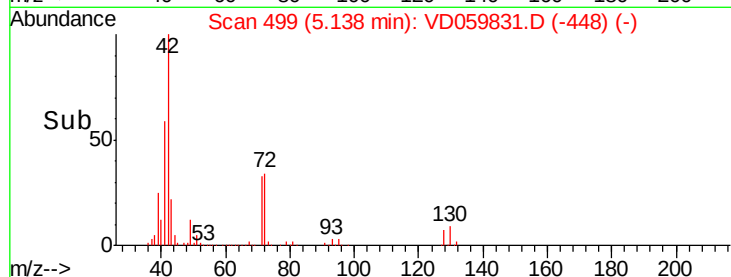
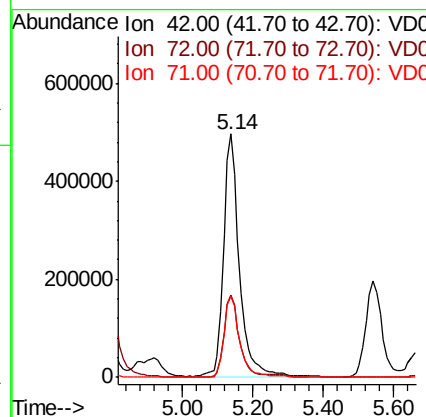
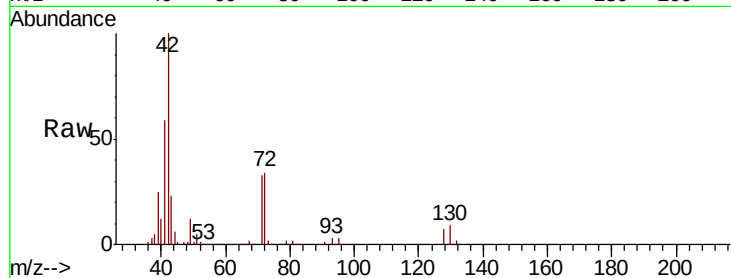
#29  
Tetrahydrofuran  
Concen: 705.89 ug/l  
RT: 5.14 min Scan# 499  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 32.5  | 25.8  | 38.6  |
| 71      | 33.5  | 25.7  | 38.5  |

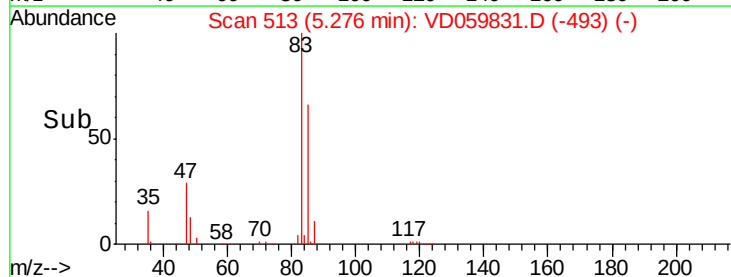
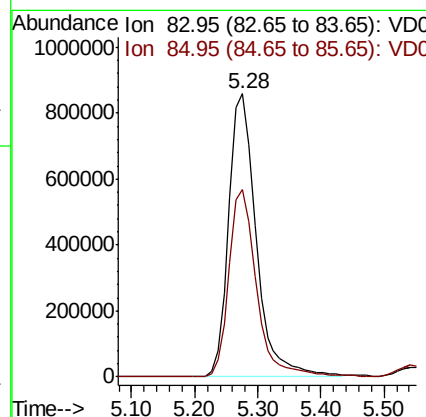
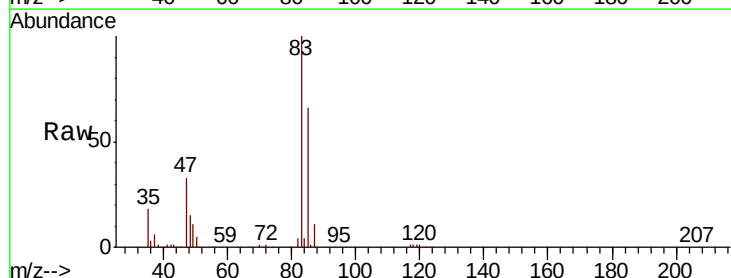
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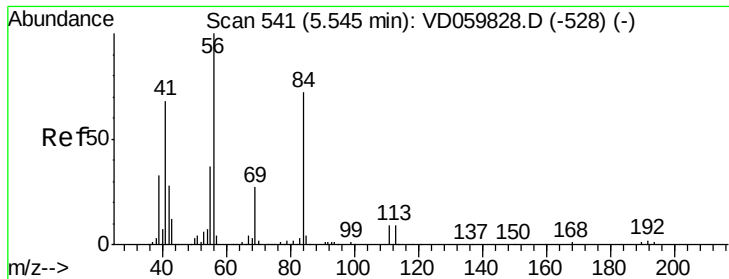
apatel  
8/21/2018 10:23:40 AM



#30  
Chloroform  
Concen: 139.30 ug/l  
RT: 5.28 min Scan# 513  
Delta R.T. -0.00 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.2  | 52.9  | 79.3  |





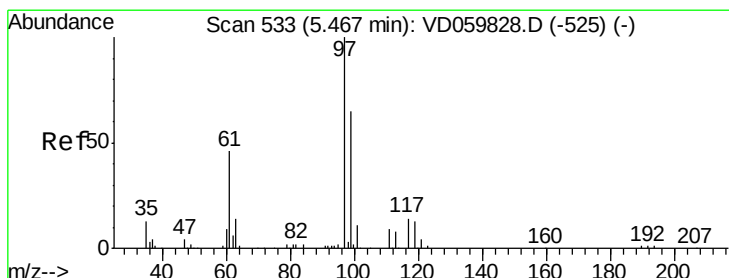
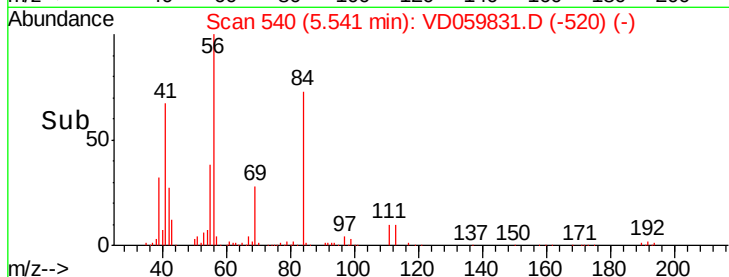
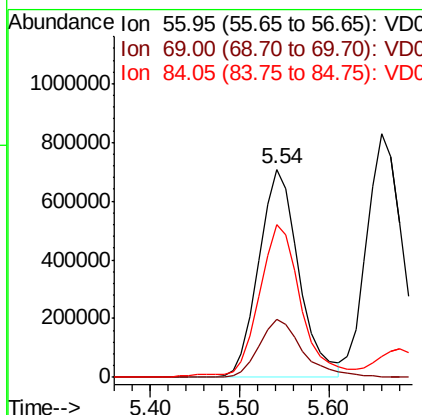
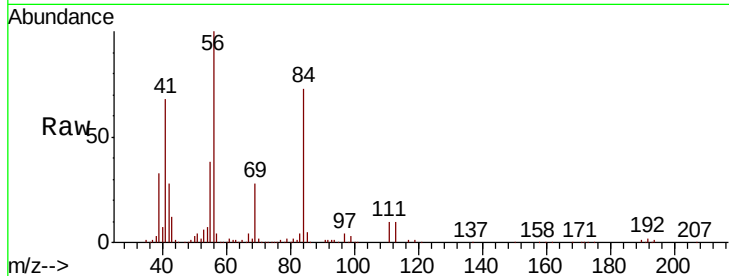
#31  
Cyclohexane  
Concen: 126.35 ug/l  
RT: 5.54 min Scan# 540  
Delta R.T. -0.00 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion: 56 Resp: 2199924  
Ion Ratio Lower Upper  
56 100  
69 27.7 21.7 32.5  
84 73.2 57.8 86.6

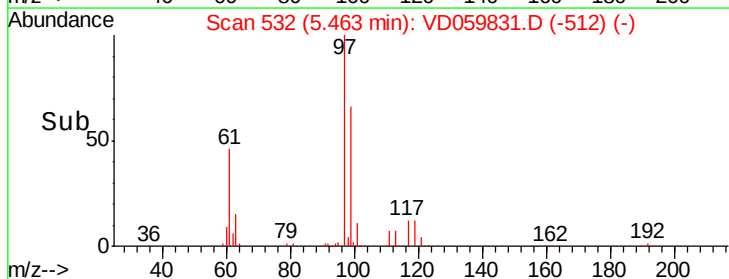
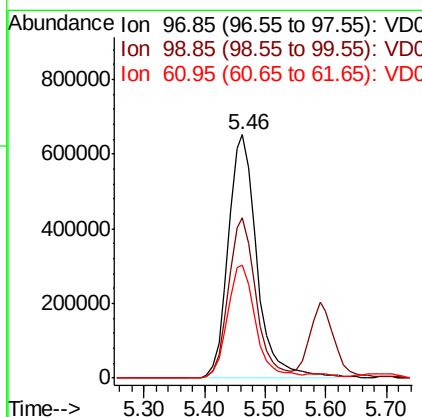
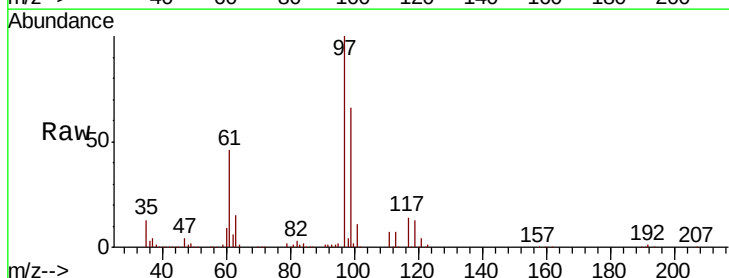
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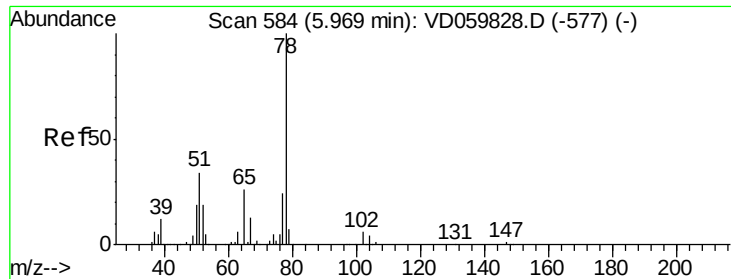
apatel  
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#32  
1,1,1-Trichloroethane  
Concen: 134.99 ug/l  
RT: 5.46 min Scan# 532  
Delta R.T. -0.00 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Tgt Ion: 97 Resp: 2138271  
Ion Ratio Lower Upper  
97 100  
99 65.9 51.9 77.9  
61 46.2 37.0 55.6





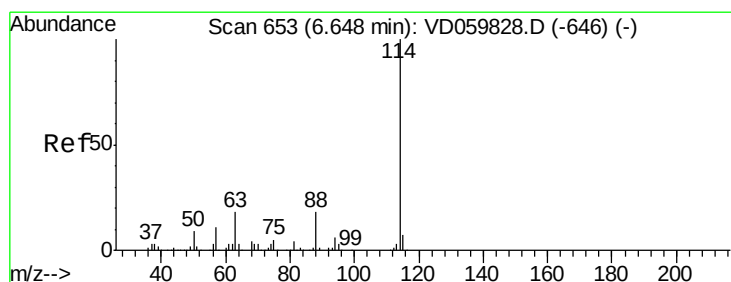
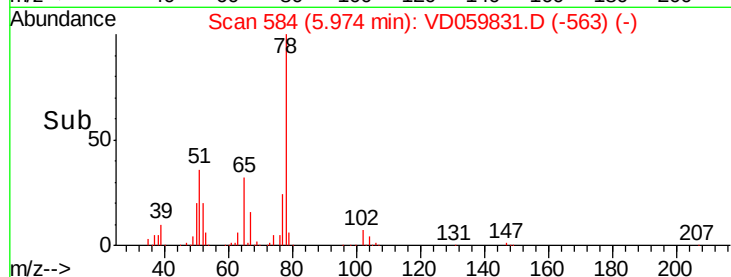
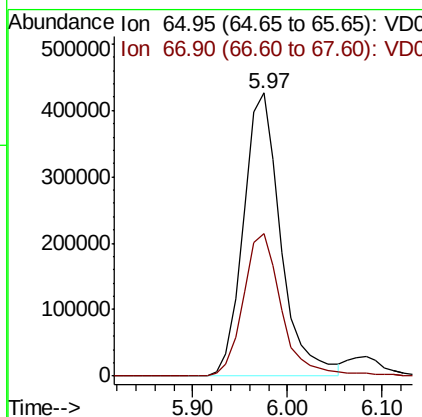
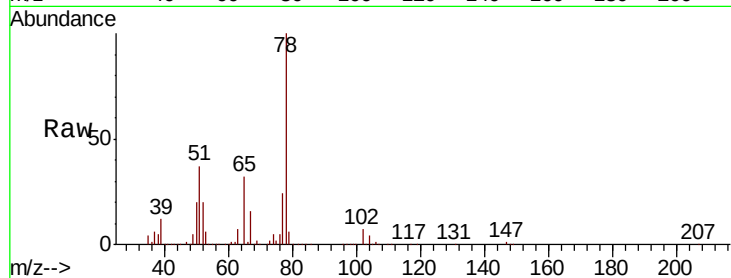
#33  
 1,2-Dichloroethane-d4  
 Concen: 134.99 ug/l  
 RT: 5.97 min Scan# 584  
 Delta R.T. 0.01 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

Tot Ion: 65 Resp: 1164205  
 Ion Ratio Lower Upper  
 65 100  
 67 50.5 0.0 102.4

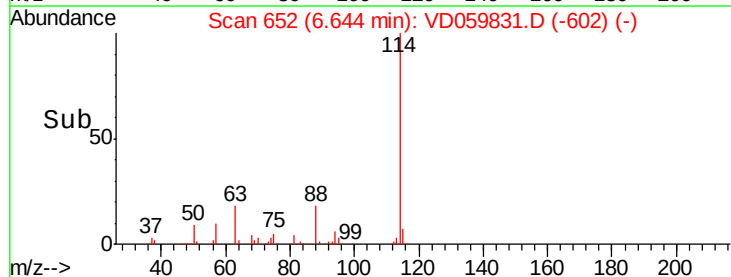
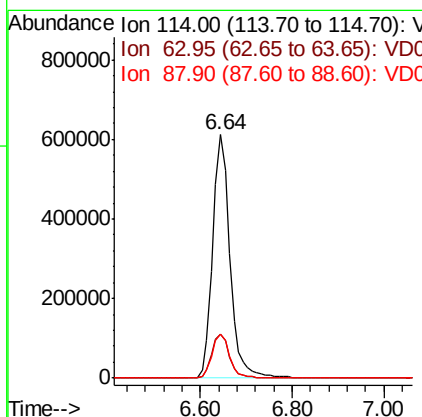
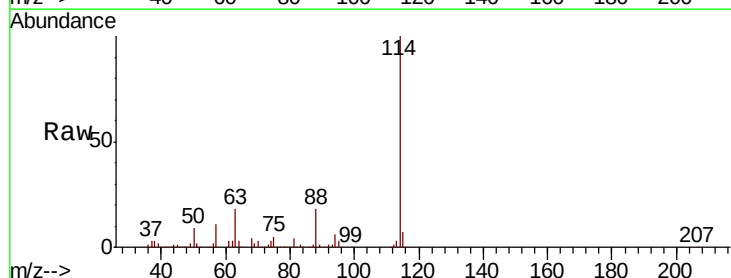
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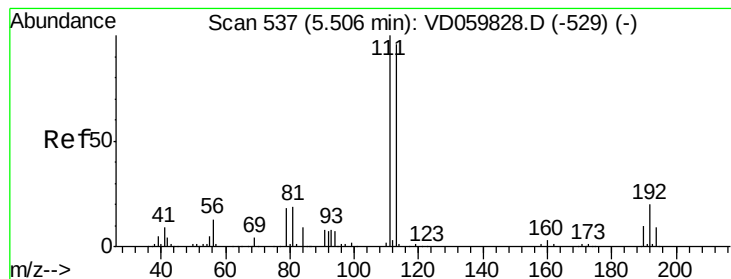
apatel  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.64 min Scan# 652  
 Delta R.T. -0.00 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Tgt Ion:114 Resp: 1580569  
 Ion Ratio Lower Upper  
 114 100  
 63 18.3 0.0 37.0  
 88 18.3 0.0 37.0





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.50 min Scan# 536

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion:113 Resp: 1607809

Ion Ratio Lower Upper

113 100

111 101.2 83.3 124.9

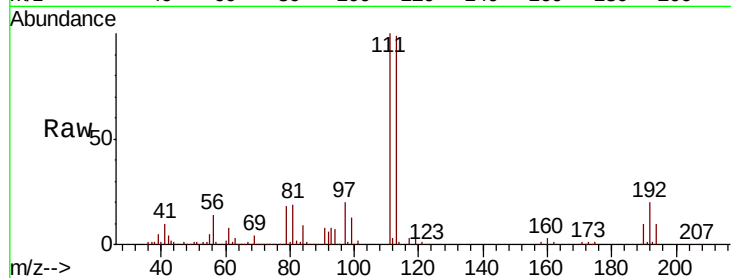
192 20.1 16.8 25.2

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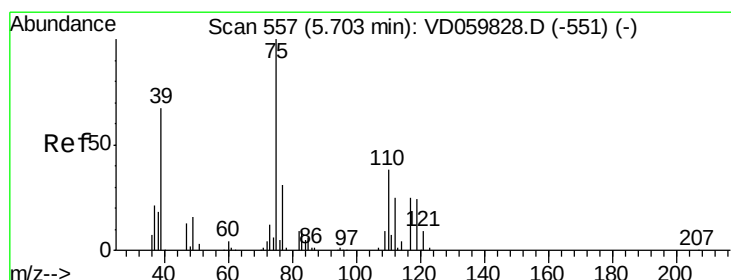
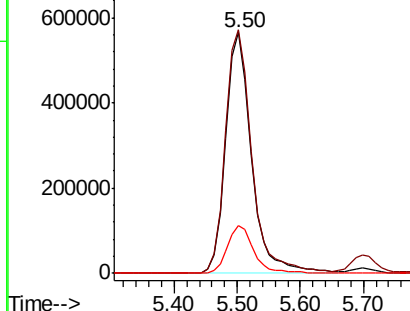
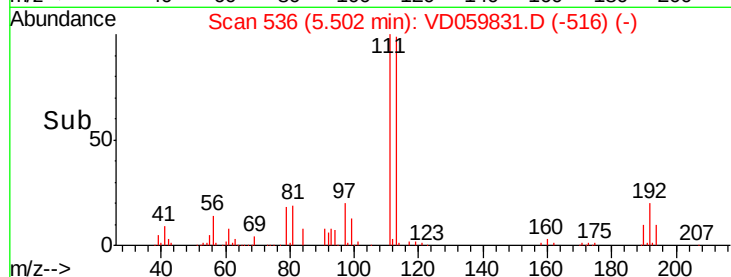
8/21/2018 10:23:40 AM



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 122.49 ug/l

RT: 5.70 min Scan# 556

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

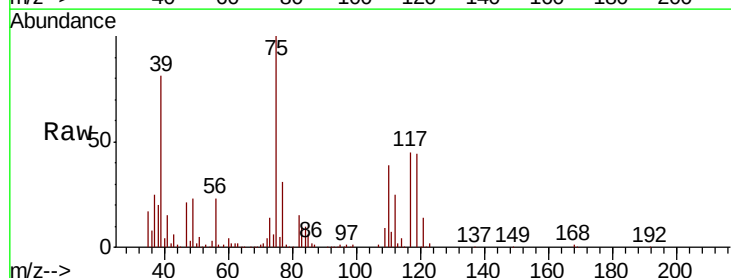
Tgt Ion: 75 Resp: 1665453

Ion Ratio Lower Upper

75 100

110 38.5 18.8 56.4

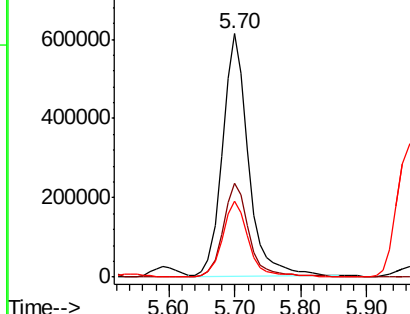
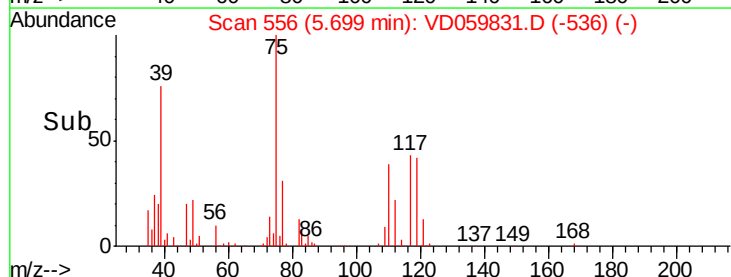
77 31.1 24.9 37.3

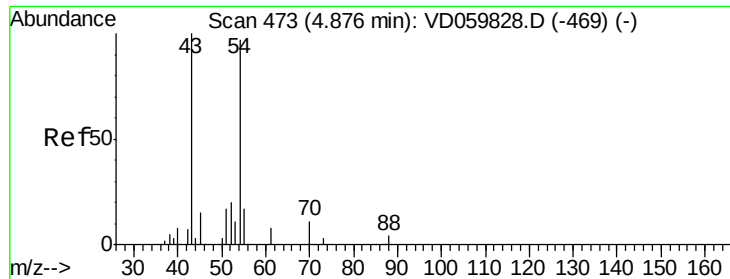


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





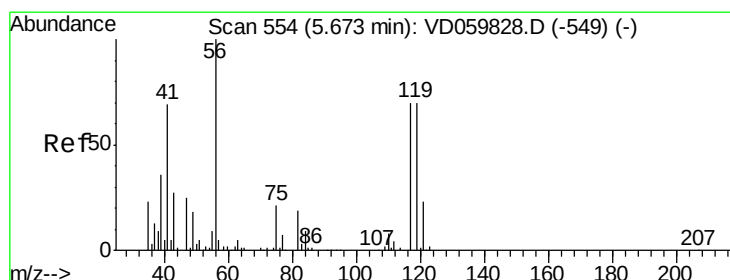
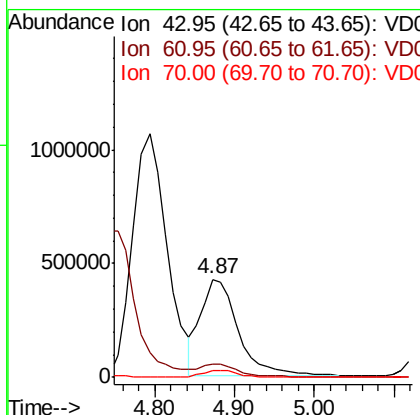
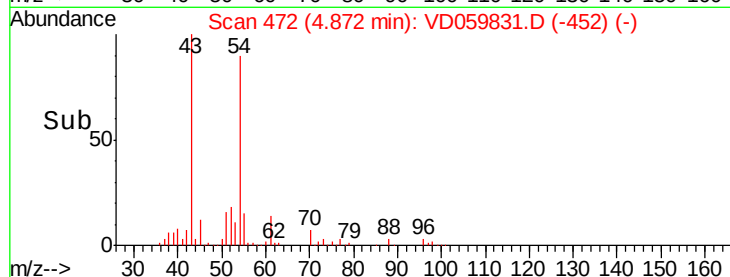
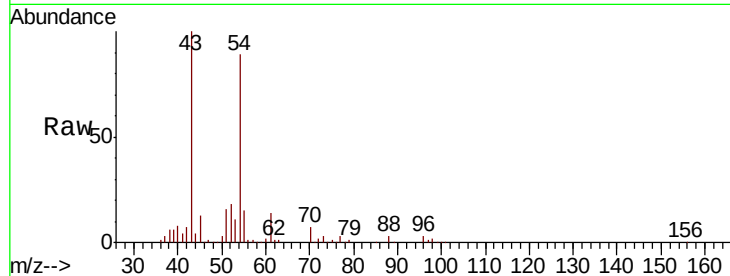
#37  
Ethyl Acetate  
Concen: 140.31 ug/l  
RT: 4.87 min Scan# 472  
Delta R.T. -0.00 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion: 43 Resp: 1388256  
Ion Ratio Lower Upper  
43 100  
61 14.2 10.4 15.6  
70 7.2 6.2 9.2

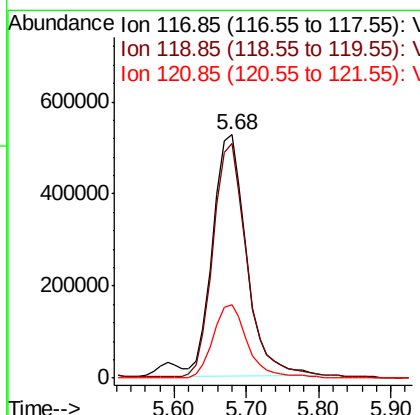
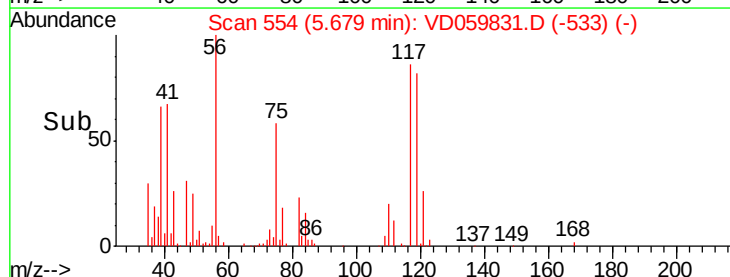
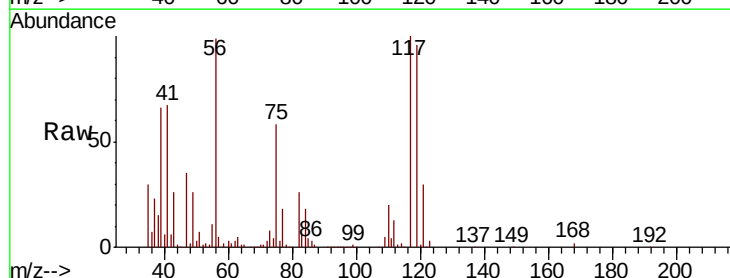
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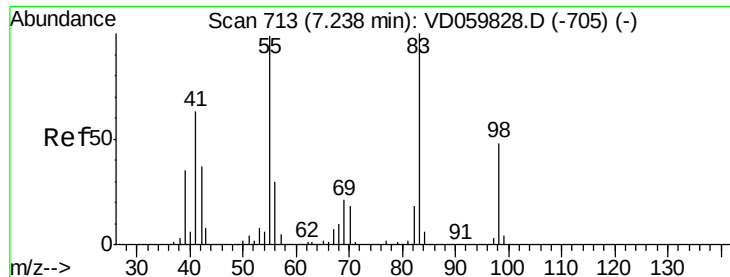


#38  
Carbon Tetrachloride  
Concen: 125.34 ug/l  
RT: 5.68 min Scan# 554  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Tgt Ion: 117 Resp: 1694468  
Ion Ratio Lower Upper  
117 100  
119 96.2 77.0 115.4  
121 30.1 24.7 37.1







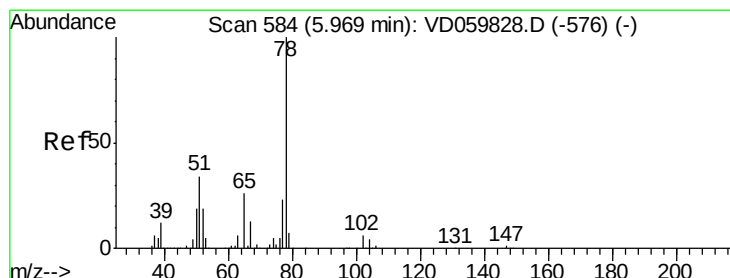
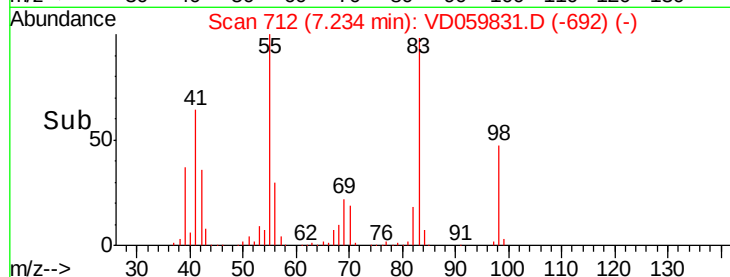
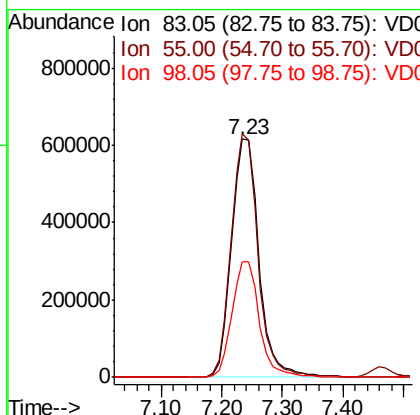
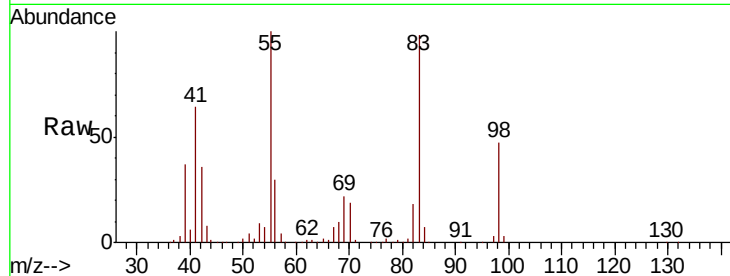
#39  
Methylvlcyclohexane  
Concen: 134.27 ug/l  
RT: 7.23 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion: 83 Resp: 1940646  
Ion Ratio Lower Upper  
83 100  
55 102.2 79.0 118.6  
98 48.4 38.1 57.1

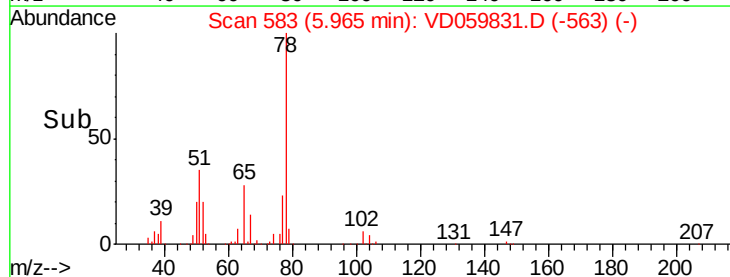
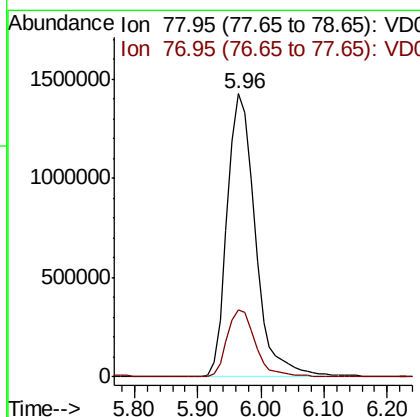
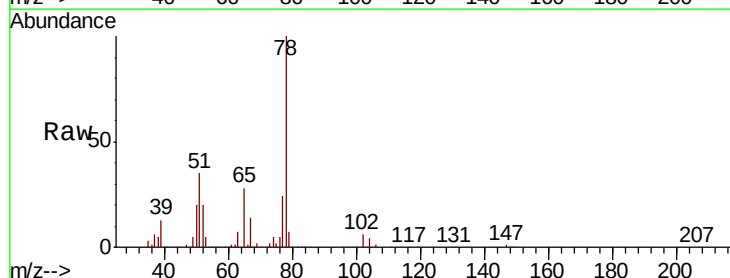
Manual Integrations  
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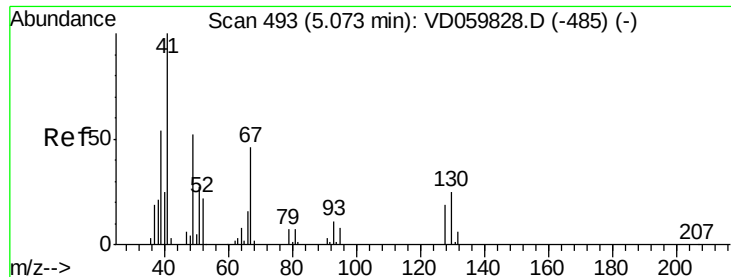
apatel  
8/21/2018 10:23:40 AM



#40  
Benzene  
Concen: 126.31 ug/l  
RT: 5.96 min Scan# 583  
Delta R.T. -0.00 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Tgt Ion: 78 Resp: 4433850  
Ion Ratio Lower Upper  
78 100  
77 23.7 18.8 28.2





#41

Methacrylonitrile

Concen: 142.27 ug/l

RT: 5.08 min Scan# 493

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

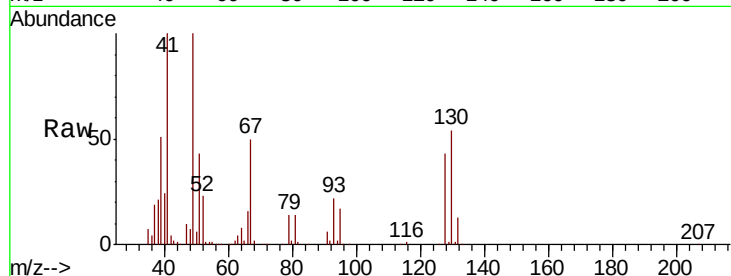
VSTDIC150

Tot Ion: 41 Resp: 724812

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 51.1  | 43.0  | 64.6  |
| 67  | 49.7  | 36.7  | 55.1  |
| 52  | 23.2  | 18.0  | 27.0  |

Manual Integrations  
APPROVED

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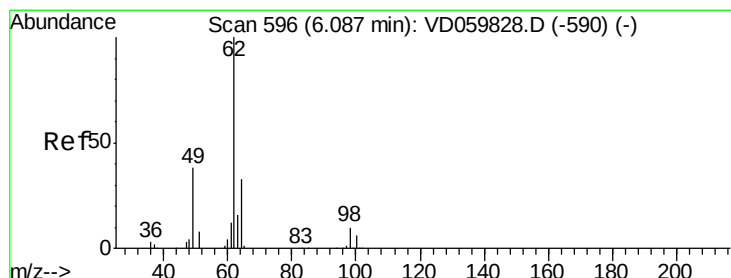
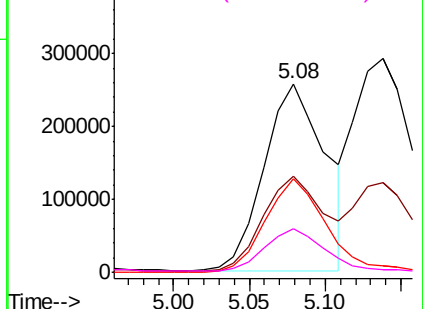
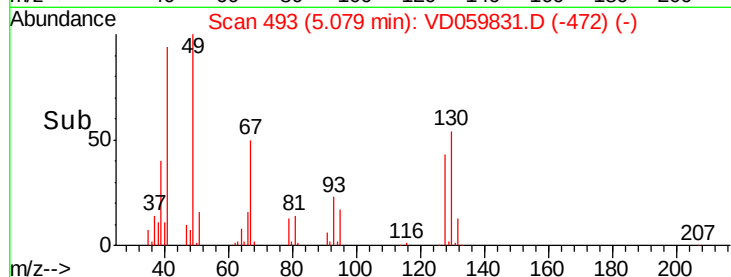


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 139.47 ug/l

RT: 6.08 min Scan# 595

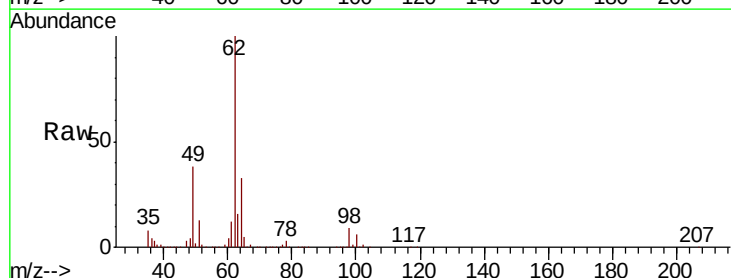
Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

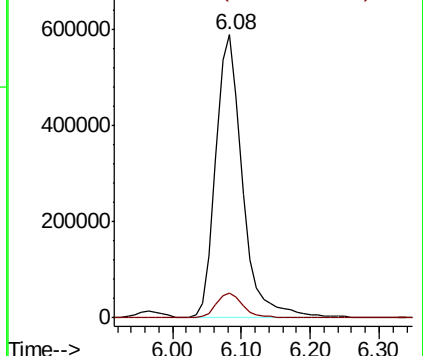
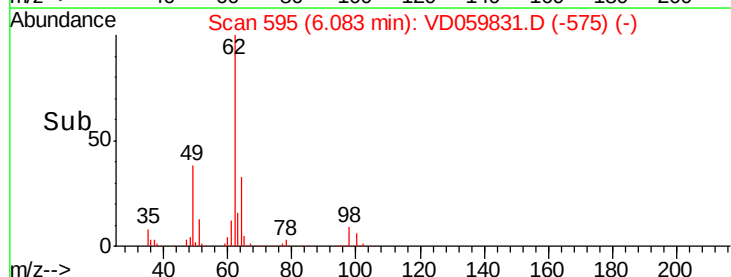
Tgt Ion: 62 Resp: 1572184

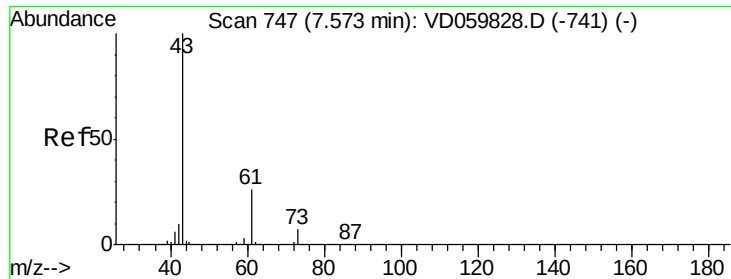
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.9   | 0.0   | 19.4  |



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 145.37 ug/l

RT: 7.58 min Scan# 747

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1973294

Ion Ratio Lower Upper

43 100

61 27.4 21.0 31.4

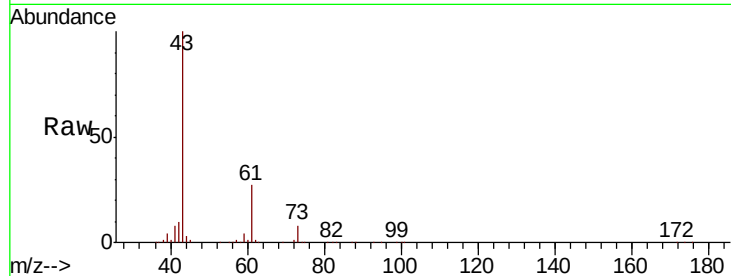
87 0.2 0.2 0.4

Manual Integrations

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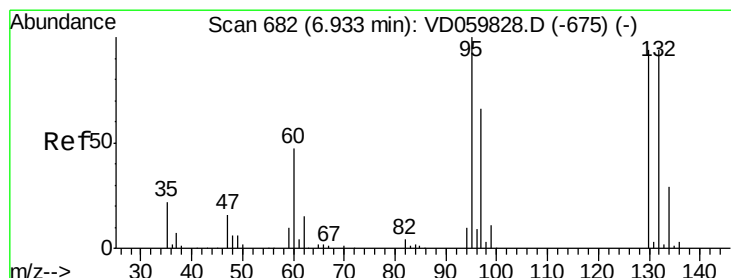
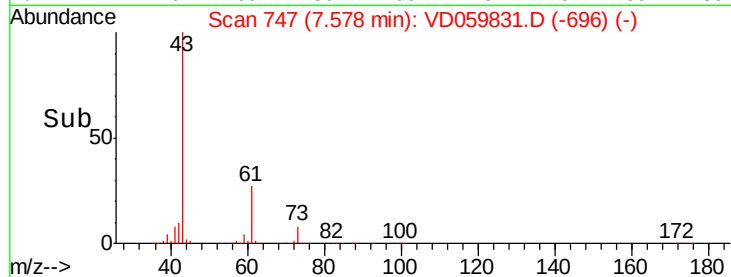
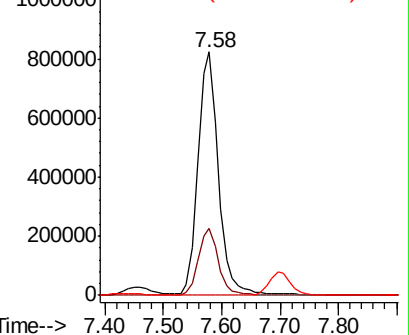
8/21/2018 10:23:40 AM



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 139.80 ug/l

RT: 6.94 min Scan# 682

Delta R.T. 0.01 min

Lab File: VD059831.D

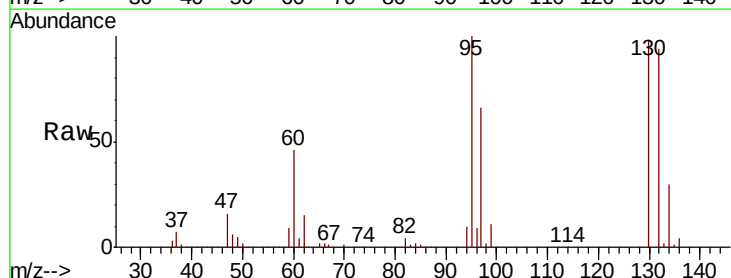
Acq: 20 Aug 2018 14:52

Tgt Ion:130 Resp: 1446198

Ion Ratio Lower Upper

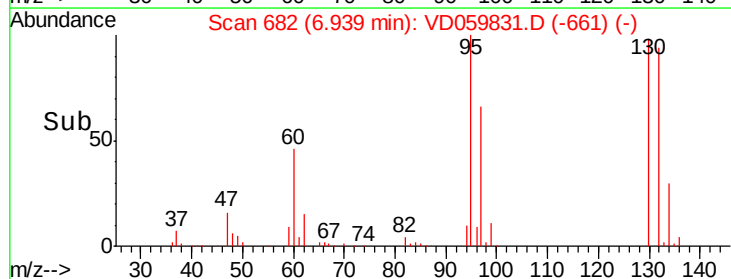
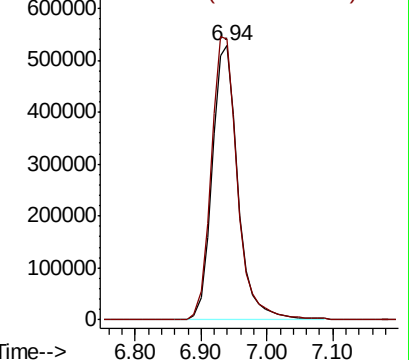
130 100

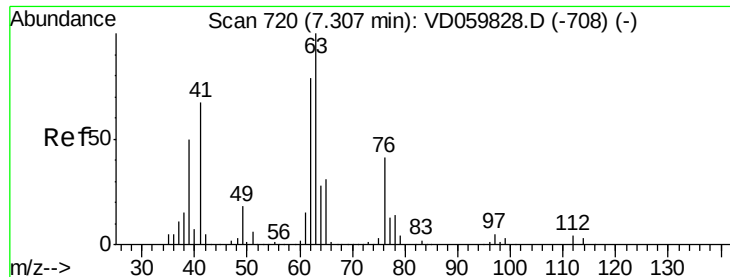
95 102.6 0.0 213.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





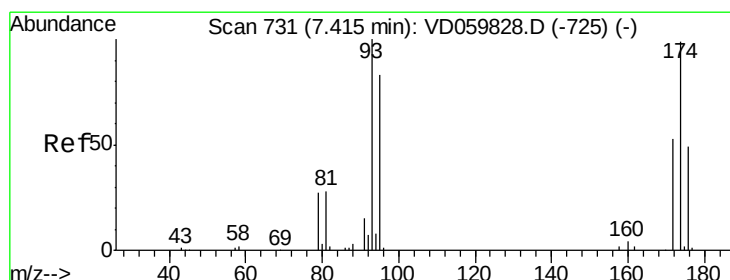
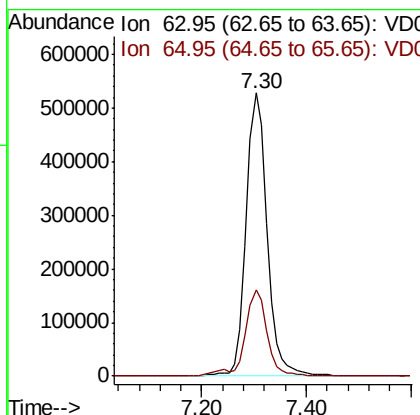
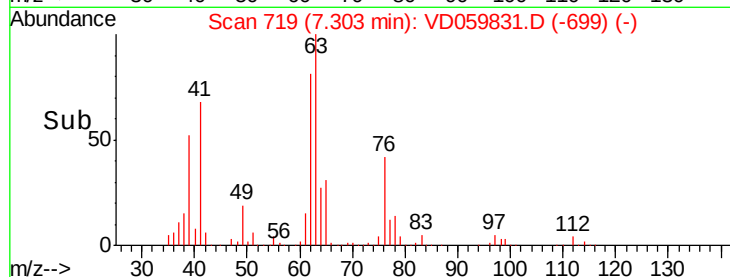
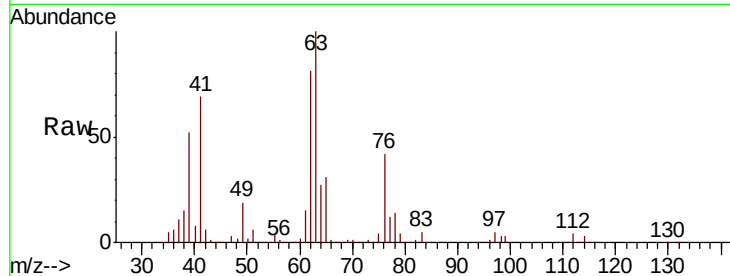
#45  
 1,2-Dichloropropane  
 Concen: 139.55 ug/l  
 RT: 7.30 min Scan# 719  
 Delta R.T. -0.00 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

Tot Ion: 63 Resp: 1419927  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 24.5 36.7

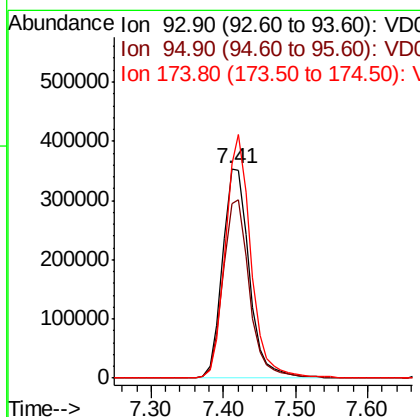
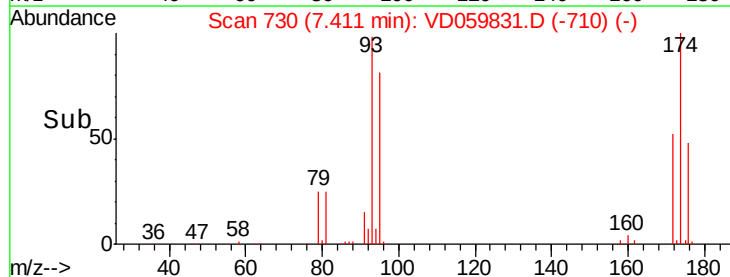
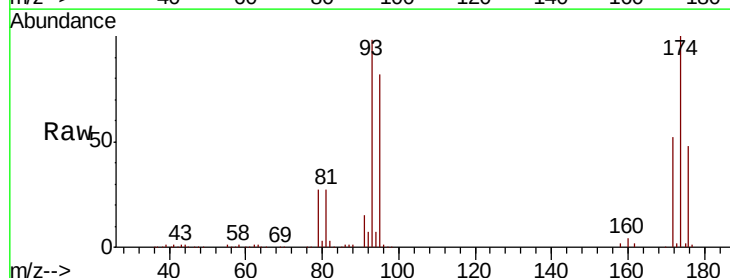
Manual Integrations  
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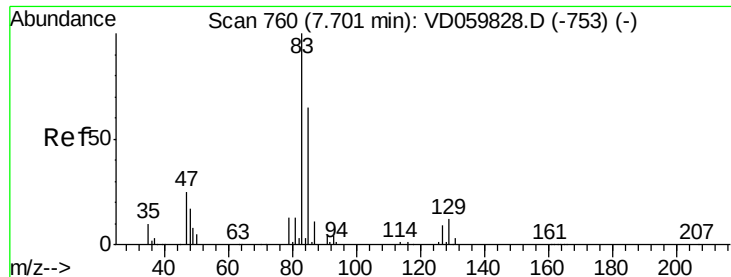
apatel  
 8/21/2018 10:23:40 AM



#46  
 Dibromomethane  
 Concen: 144.09 ug/l  
 RT: 7.41 min Scan# 730  
 Delta R.T. -0.00 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Tgt Ion: 93 Resp: 911040  
 Ion Ratio Lower Upper  
 93 100  
 95 83.5 66.3 99.5  
 174 102.2 79.4 119.0





#47

Bromodichloromethane

Concen: 137.82 ug/l

RT: 7.70 min Scan# 759

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1933698

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.4

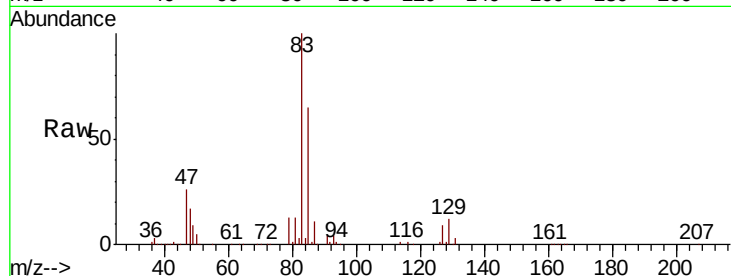
127 9.2 7.1 10.7

Manual Integrations

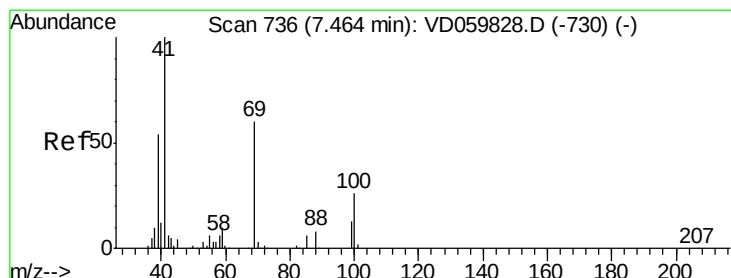
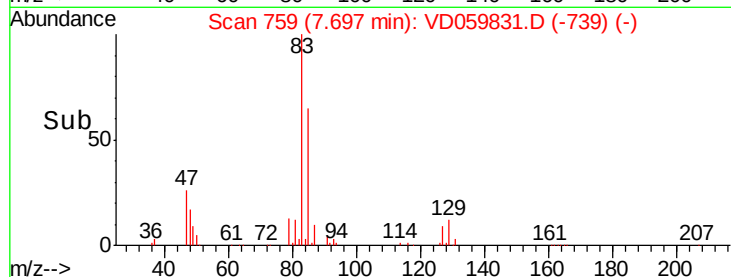
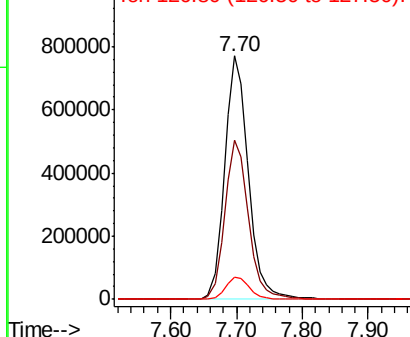
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Abundance Ion 82.85 (82.55 to 83.55): VDC  
Ion 84.95 (84.65 to 85.65): VDC  
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 139.36 ug/l

RT: 7.46 min Scan# 735

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

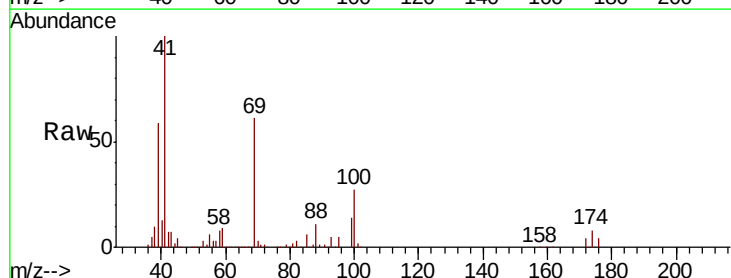
Tgt Ion: 41 Resp: 1058019

Ion Ratio Lower Upper

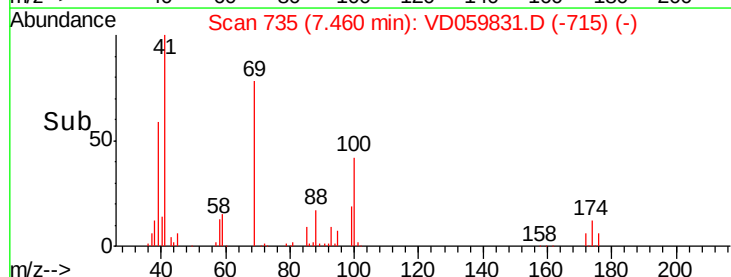
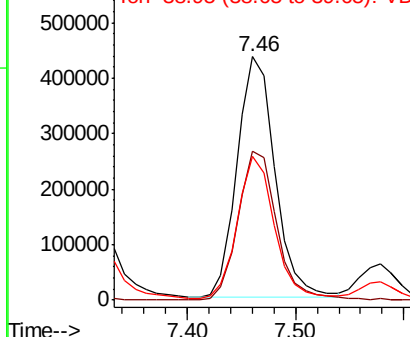
41 100

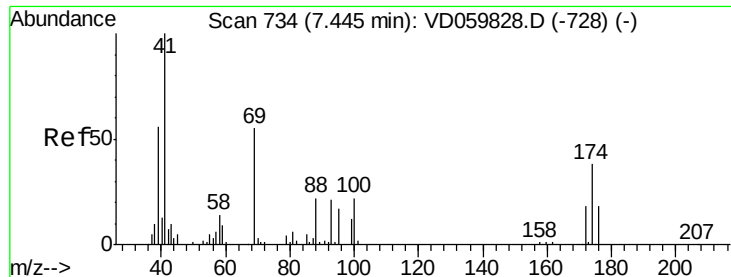
69 61.4 47.0 70.4

39 59.0 43.4 65.2



Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 38.95 (38.65 to 39.65): VDC





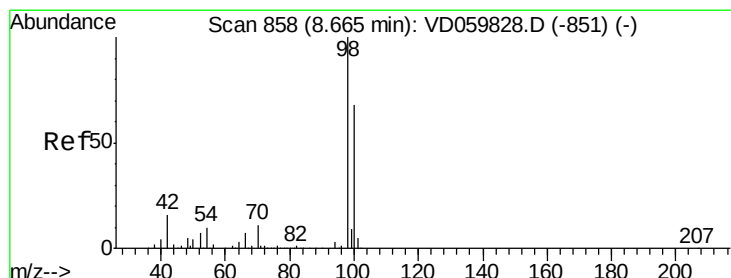
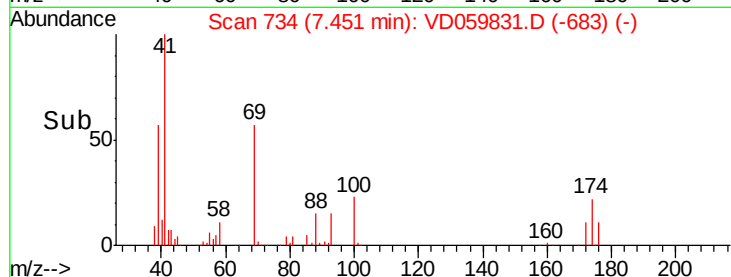
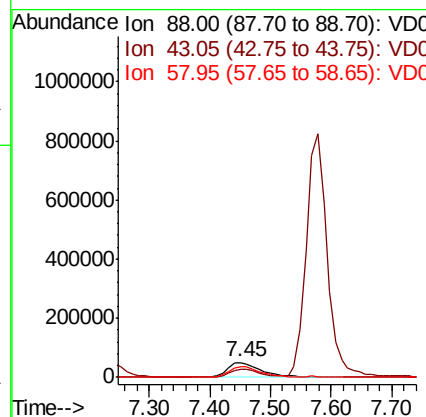
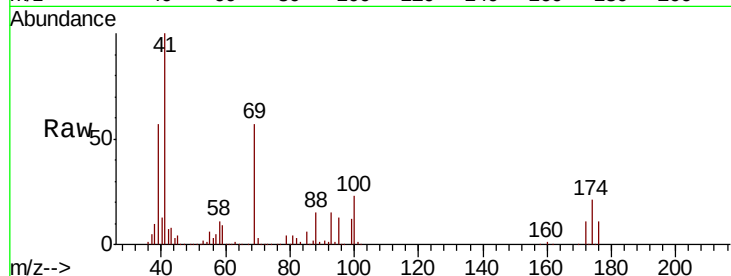
#49  
1,4-Dioxane  
Concen: 3088.25 ug/l  
RT: 7.45 min Scan# 734  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 88      | 100   | 195315 |       |       |
| 43      | 51.6  |        | 41.4  | 62.0  |
| 58      | 74.6  |        | 52.4  | 78.6  |

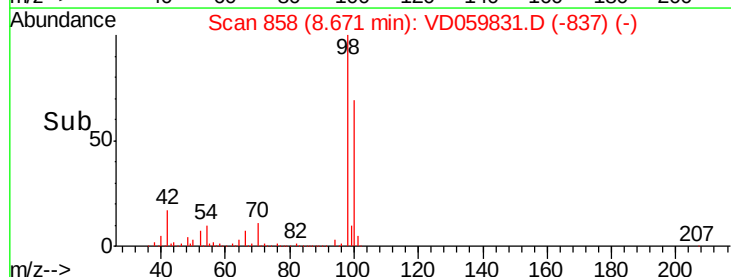
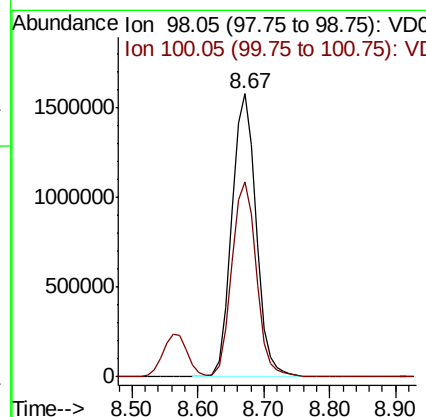
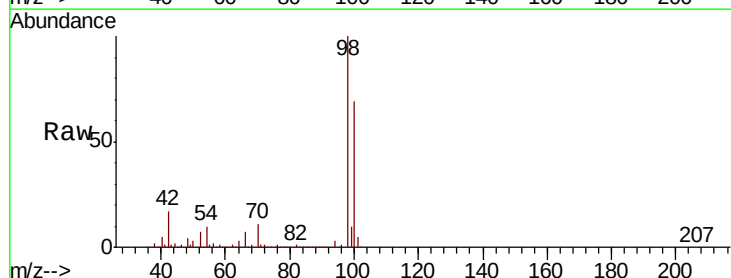
Manual Integrations  
APPROVED

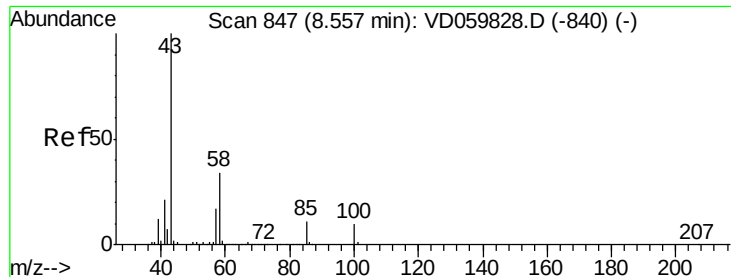
apatel  
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#50  
Toluene-d8  
Concen: 3088.25 ug/l  
RT: 8.67 min Scan# 858  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 98      | 100   | 4109722 |       |       |
| 100     | 69.0  |         | 55.0  | 82.4  |





#51

4-Methyl-2-Pentanone

Concen: 679.86 ug/l

RT: 8.56 min Scan# 847

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 6347201

Ion Ratio Lower Upper

43 100

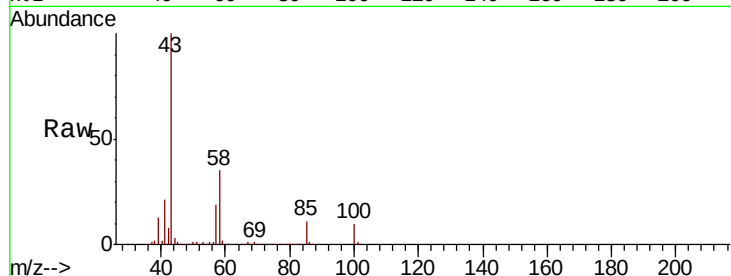
58 35.0 27.0 40.4

Manual Integrations

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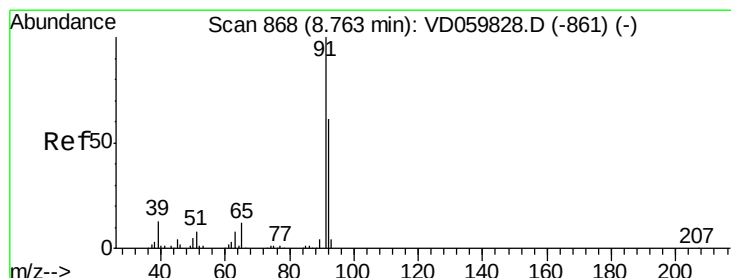
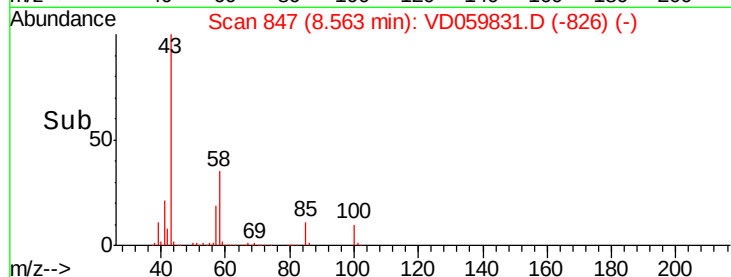
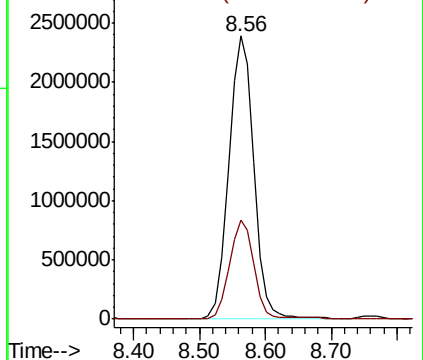
apatel

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 124.07 ug/l

RT: 8.76 min Scan# 867

Delta R.T. -0.00 min

Lab File: VD059831.D

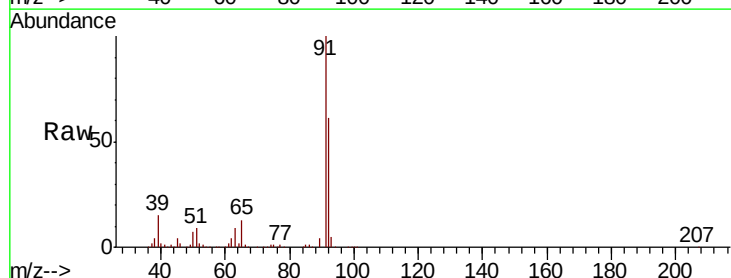
Acq: 20 Aug 2018 14:52

Tgt Ion: 92 Resp: 2763035

Ion Ratio Lower Upper

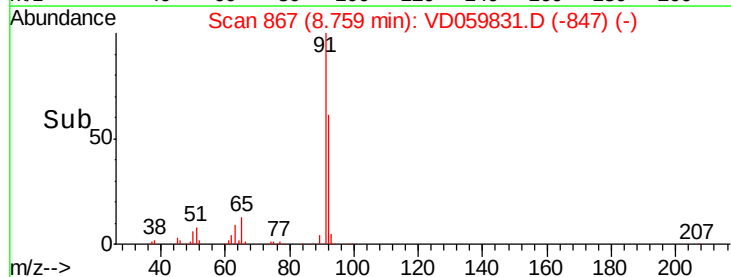
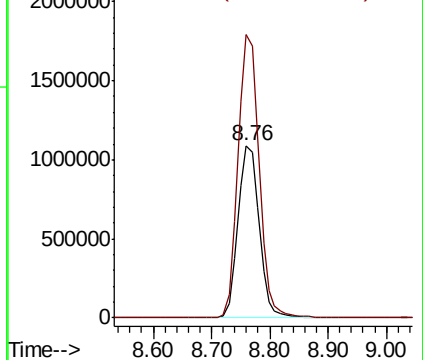
92 100

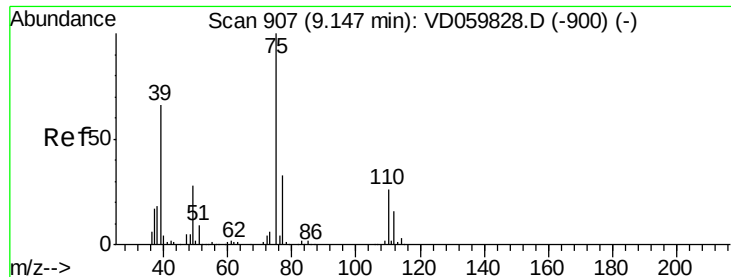
91 164.3 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 140.13 ug/l

RT: 9.14 min Scan# 906

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 1790562

Ion Ratio Lower Upper

75 100

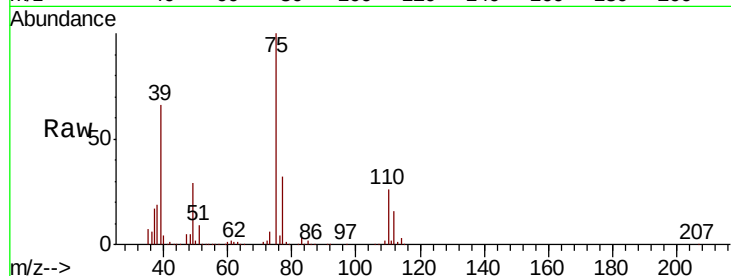
77 31.9 26.3 39.5

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Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

9.14

800000

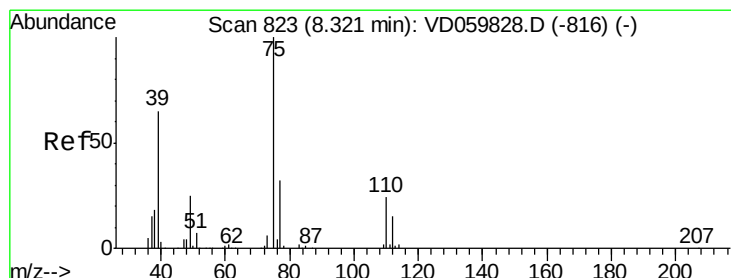
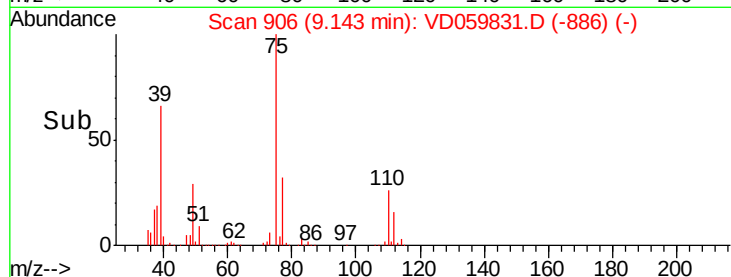
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 135.13 ug/l

RT: 8.32 min Scan# 822

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

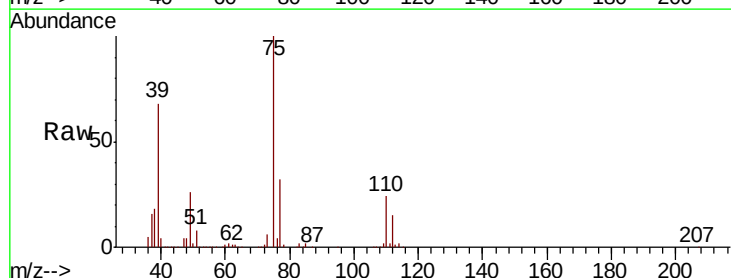
Tgt Ion: 75 Resp: 2072827

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8

39 67.5 52.2 78.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

8.32

1200000

1000000

800000

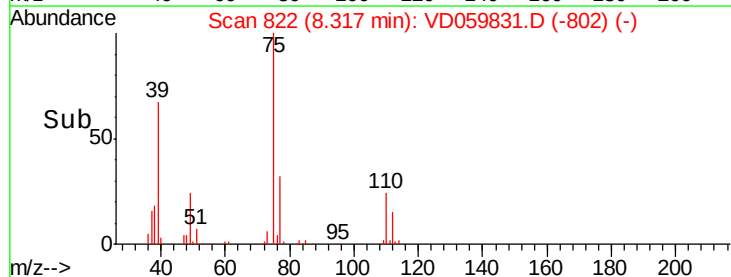
600000

400000

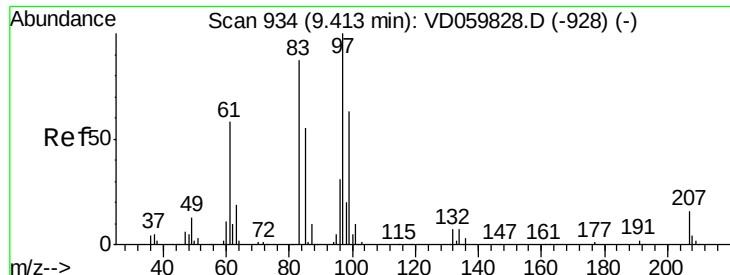
200000

0

Time-->







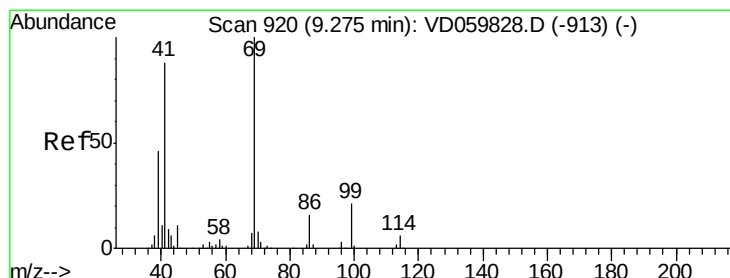
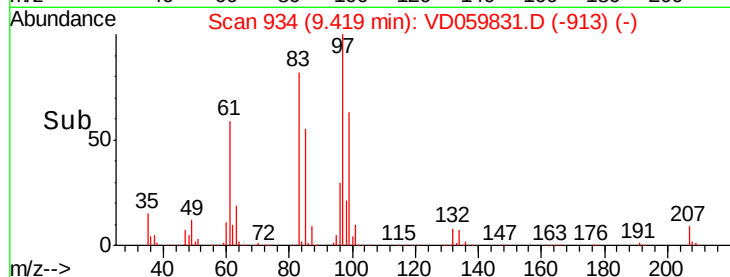
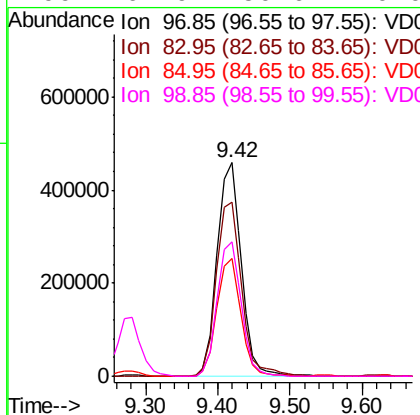
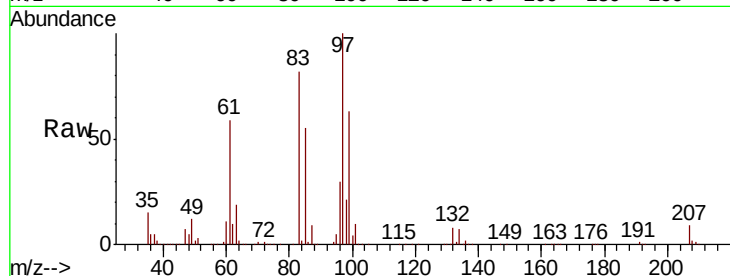
#55  
 1,1,2-Trichloroethane  
 Concen: 133.63 ug/l  
 RT: 9.42 min Scan# 934  
 Delta R.T. 0.01 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 81.8  | 69.2  | 103.8 |
| 85      | 55.2  | 44.3  | 66.5  |
| 99      | 62.9  | 50.6  | 76.0  |

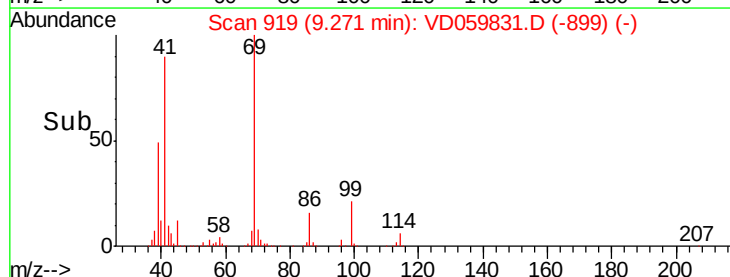
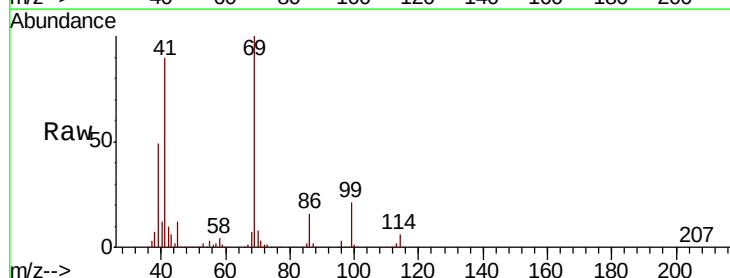
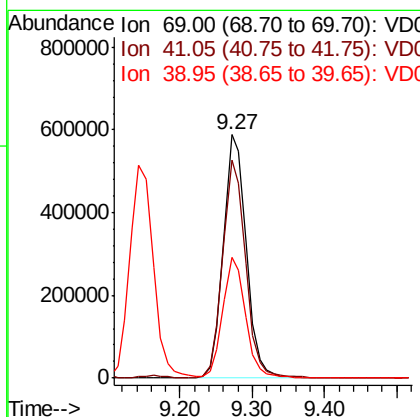
Manual Integrations  
 APPROVED

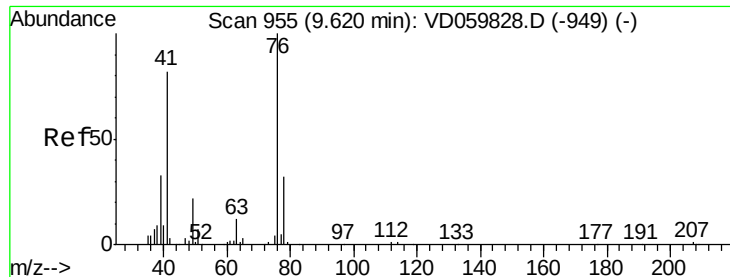
apatel  
 8/21/2018 10:23:40 AM



#56  
 Ethyl methacrylate  
 Concen: 142.43 ug/l  
 RT: 9.27 min Scan# 919  
 Delta R.T. -0.00 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 89.7  | 71.0  | 106.4 |
| 39      | 49.4  | 38.0  | 57.0  |





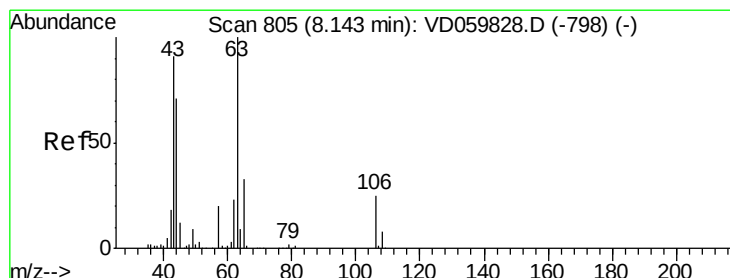
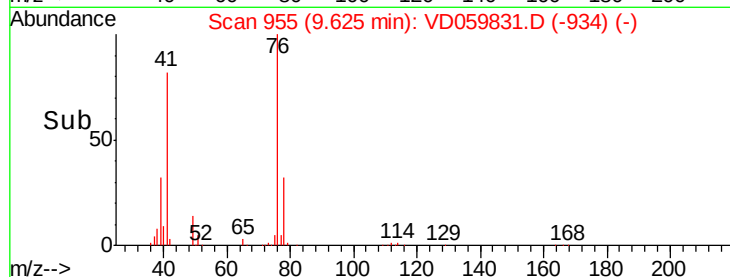
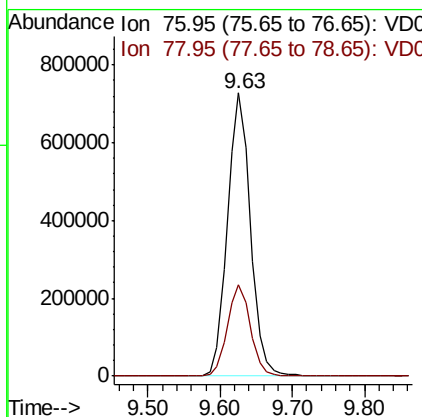
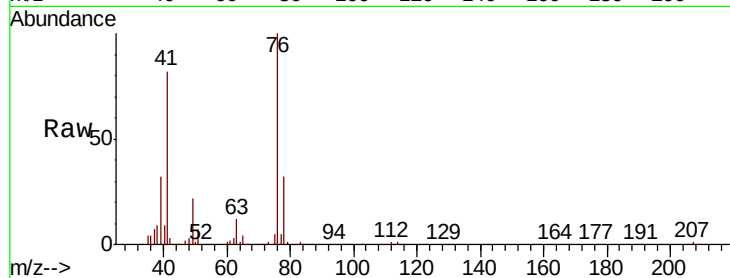
#57  
 1,3-Dichloropropane  
 Concen: 139.30 ug/l  
 RT: 9.63 min Scan# 955  
 Delta R.T. 0.01 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

Tot Ion: 76 Resp: 1609925  
 Ion Ratio Lower Upper  
 76 100  
 78 32.5 25.5 38.3

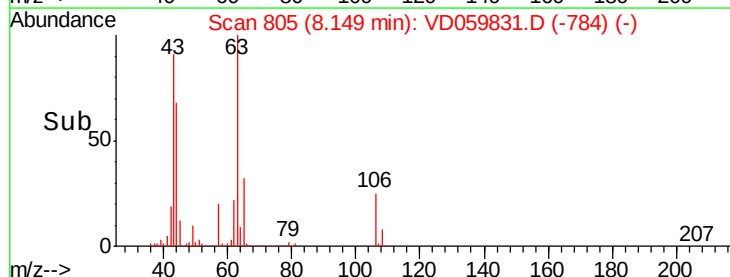
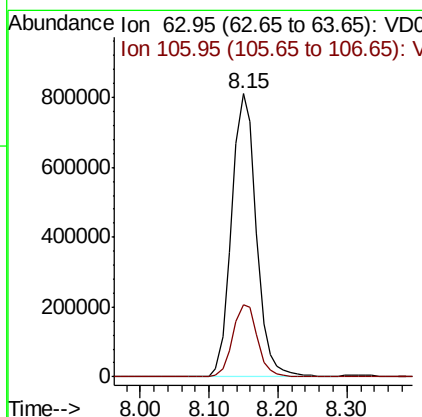
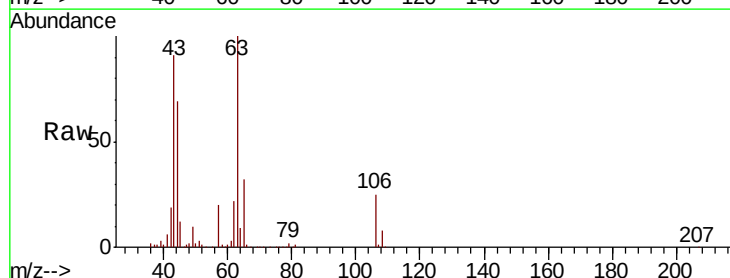
Manual Integrations  
 APPROVED

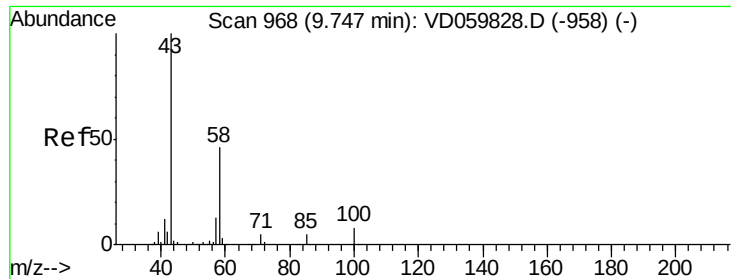
apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 433.26 ug/l  
 RT: 8.15 min Scan# 805  
 Delta R.T. 0.01 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Tgt Ion: 63 Resp: 2027182  
 Ion Ratio Lower Upper  
 63 100  
 106 25.3 19.6 29.4





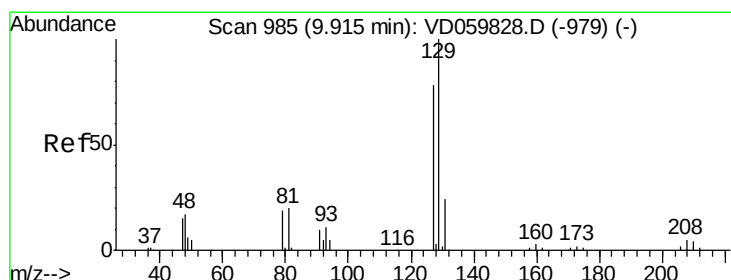
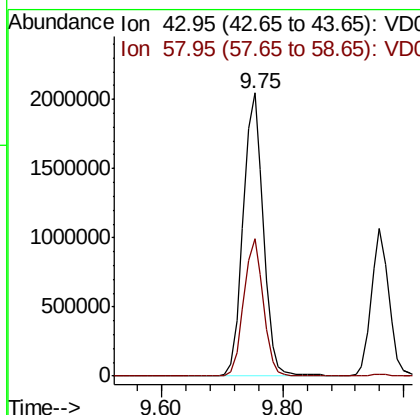
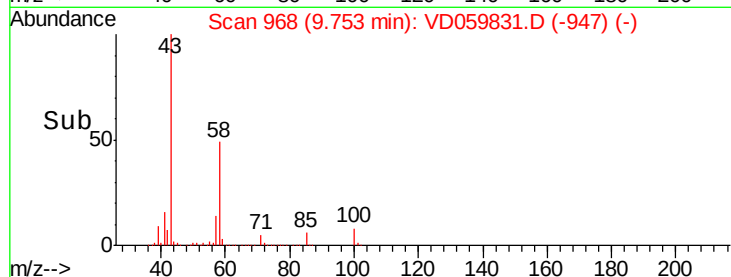
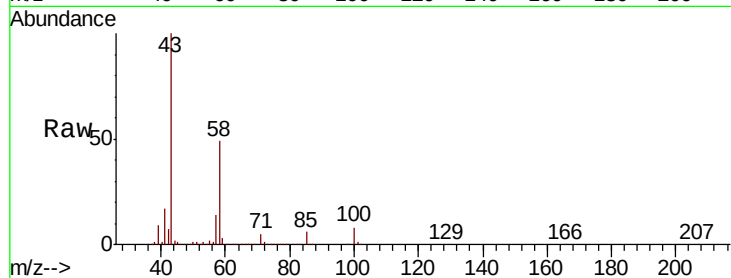
#59  
2-Hexanone  
Concen: 685.86 ug/l  
RT: 9.75 min Scan# 968  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion: 43 Resp: 4716293  
Ion Ratio Lower Upper  
43 100  
58 48.6 23.1 69.2

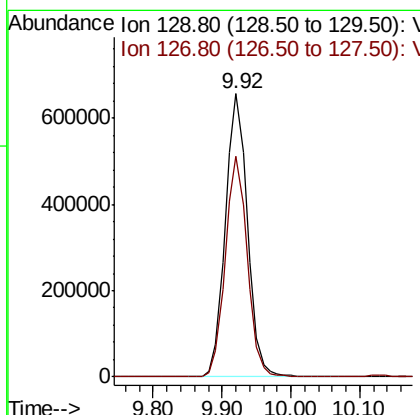
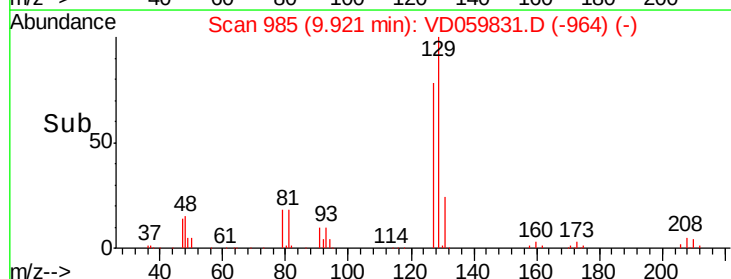
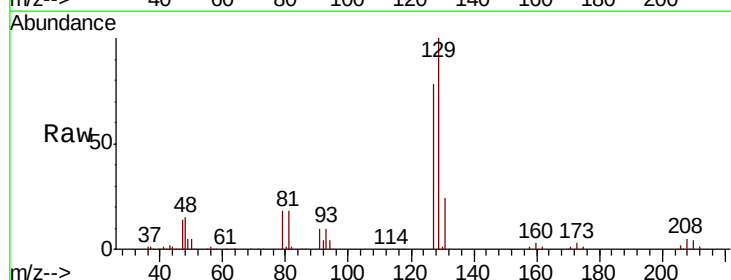
Manual Integrations  
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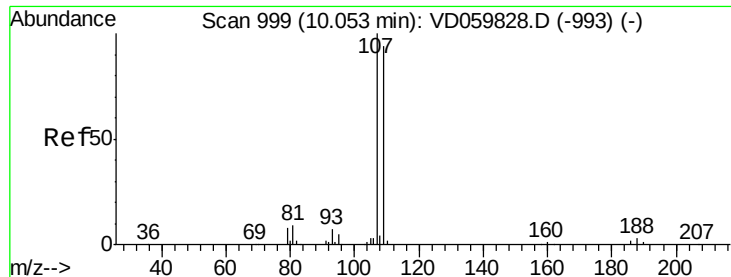
apatel  
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#60  
Dibromochloromethane  
Concen: 143.08 ug/l  
RT: 9.92 min Scan# 985  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Tgt Ion:129 Resp: 1457803  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.0 116.9





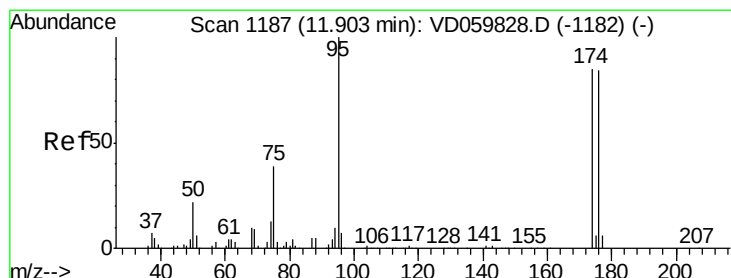
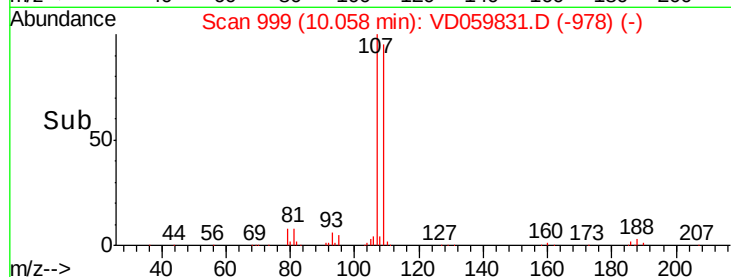
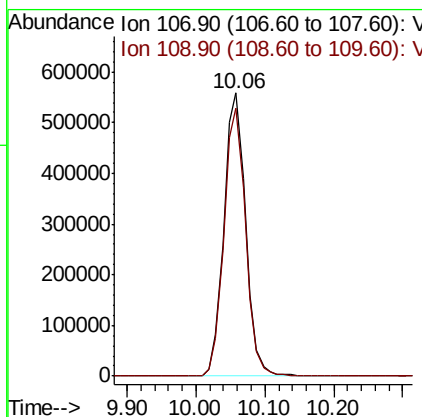
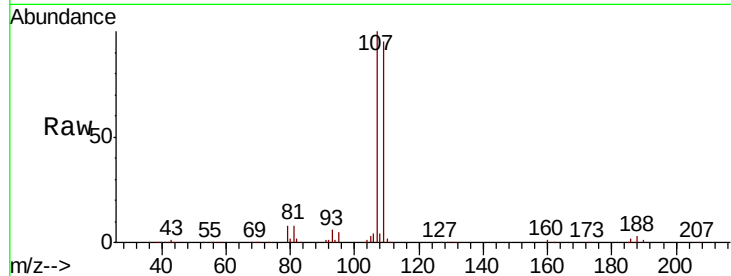
#61  
 1,2-Dibromoethane  
 Concen: 144.35 ug/l  
 RT: 10.06 min Scan# 999  
 Delta R.T. 0.01 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

Tot Ion:107 Resp: 1217009  
 Ion Ratio Lower Upper  
 107 100  
 109 94.5 75.0 112.6

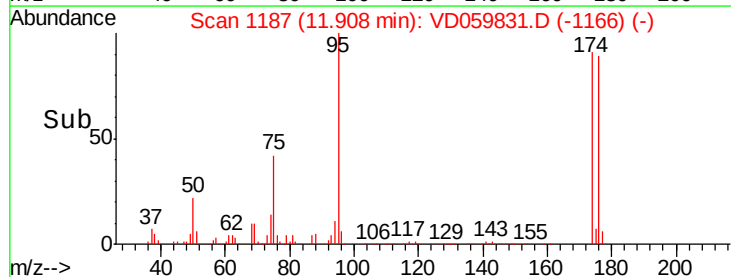
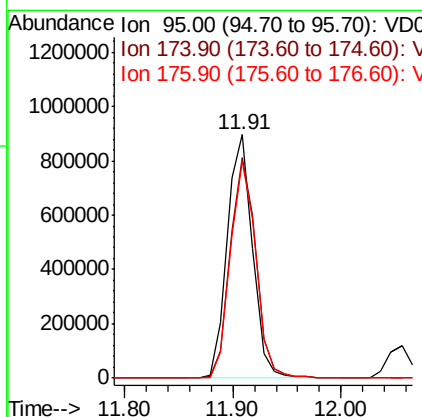
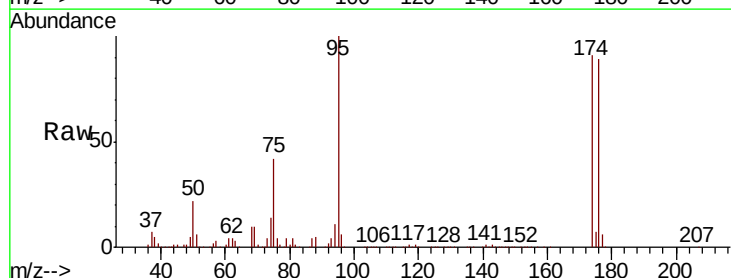
Manual Integrations  
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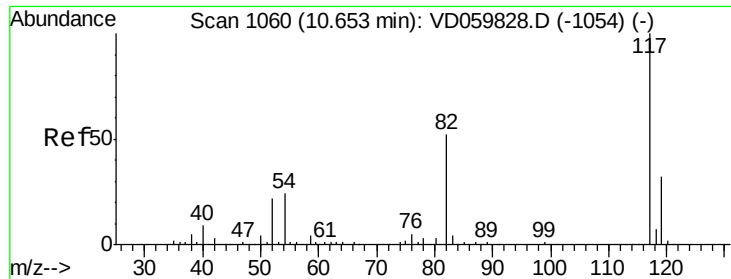
apatel  
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#62  
 4-Bromofluorobenzene  
 Concen: 144.35 ug/l  
 RT: 11.91 min Scan# 1187  
 Delta R.T. 0.01 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Tgt Ion: 95 Resp: 1463733  
 Ion Ratio Lower Upper  
 95 100  
 174 90.8 0.0 169.2  
 176 88.9 0.0 168.0





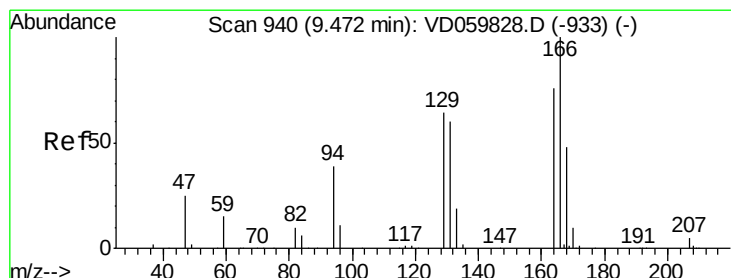
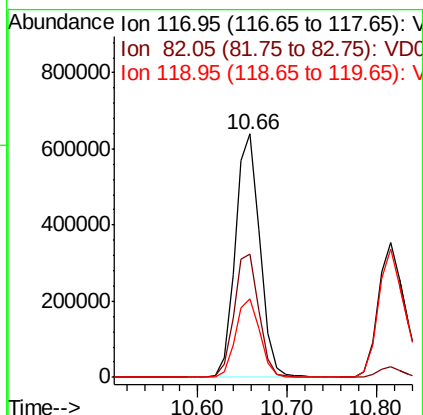
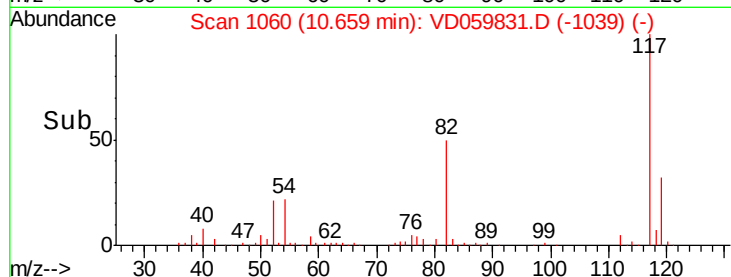
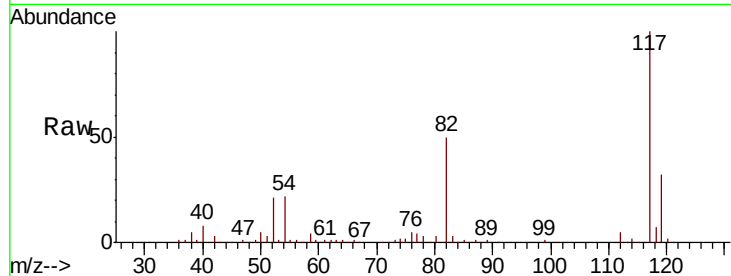
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.66 min Scan# 1060  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion:117 Resp: 1229263  
Ion Ratio Lower Upper  
117 100  
82 50.4 41.6 62.4  
119 32.4 25.6 38.4

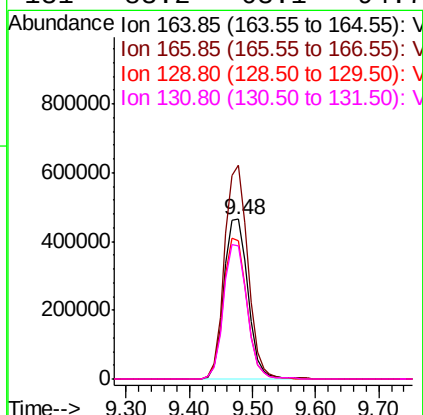
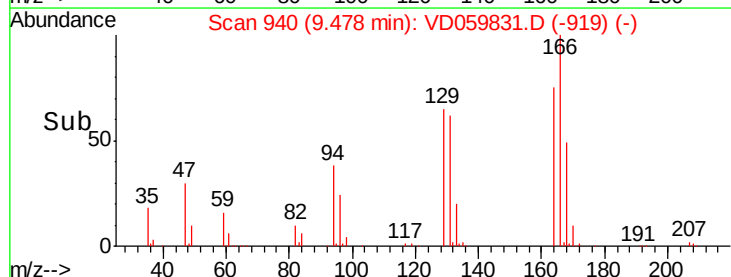
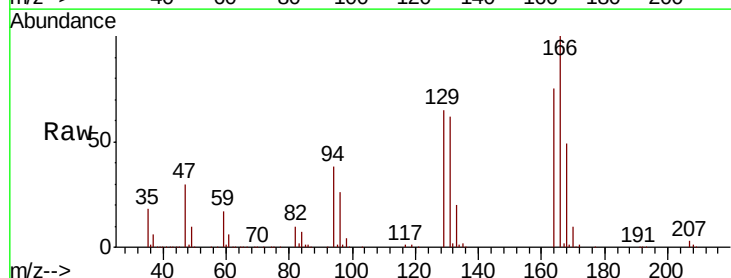
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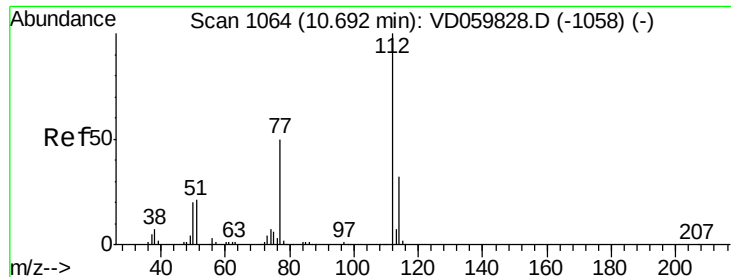
apatel  
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#64  
Tetrachloroethene  
Concen: 136.42 ug/l  
RT: 9.48 min Scan# 940  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Tgt Ion:164 Resp: 1231591  
Ion Ratio Lower Upper  
164 100  
166 133.5 104.9 157.3  
129 86.8 66.7 100.1  
131 83.2 63.1 94.7





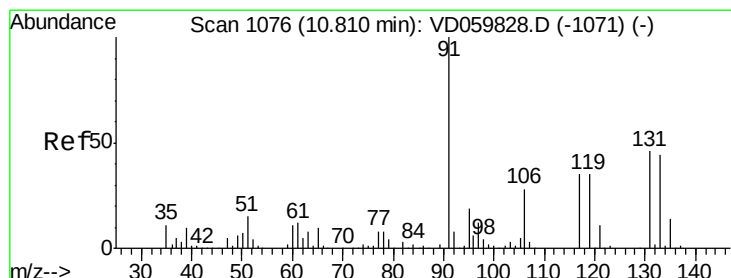
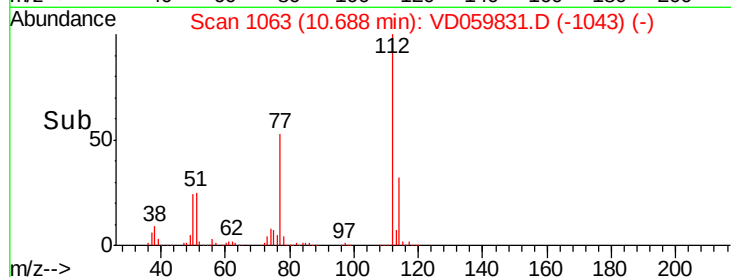
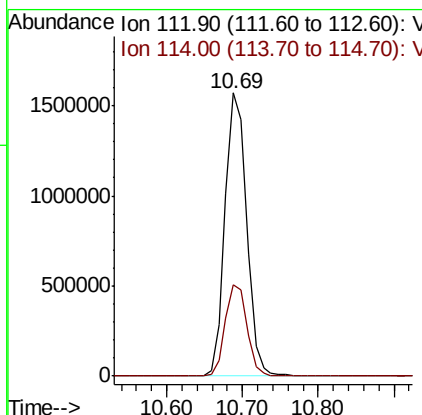
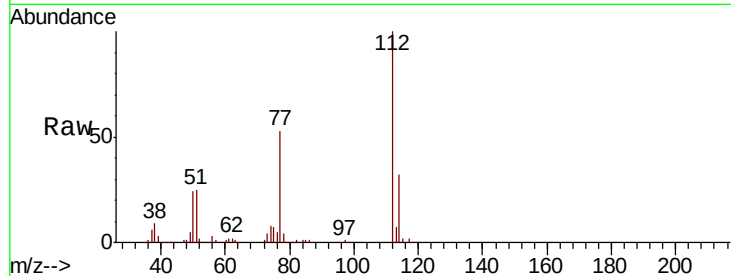
#65  
Chlorobenzene  
Concen: 130.29 ug/l  
RT: 10.69 min Scan# 1063  
Delta R.T. -0.00 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion:112 Resp: 3116148  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.7 38.5

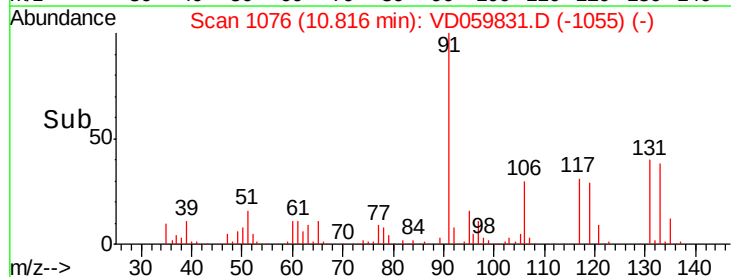
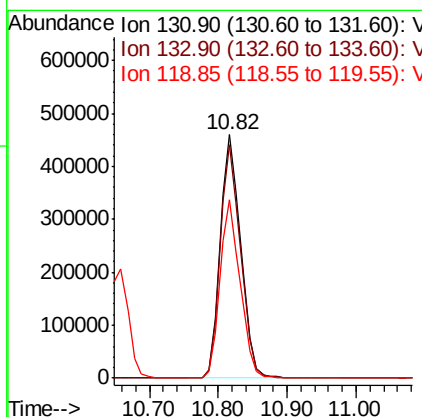
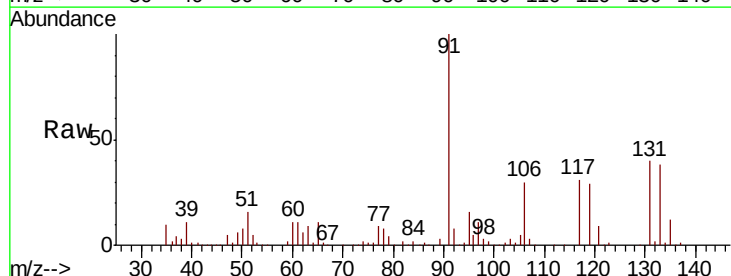
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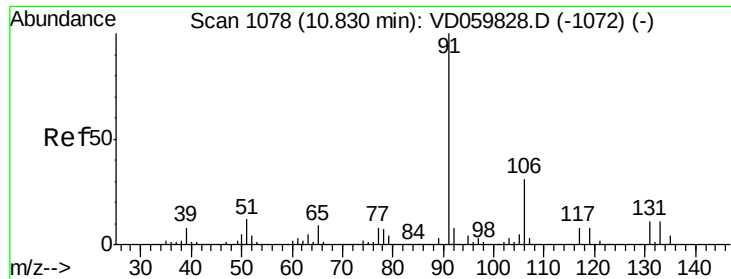
apatel  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 114.43 ug/l  
RT: 10.82 min Scan# 1076  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Tgt Ion:131 Resp: 945057  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.1 141.4  
119 73.5 37.5 112.7





#67

Ethyl Benzene

Concen: 101.81 ug/l

RT: 10.84 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 3993314

Ion Ratio Lower Upper

91 100

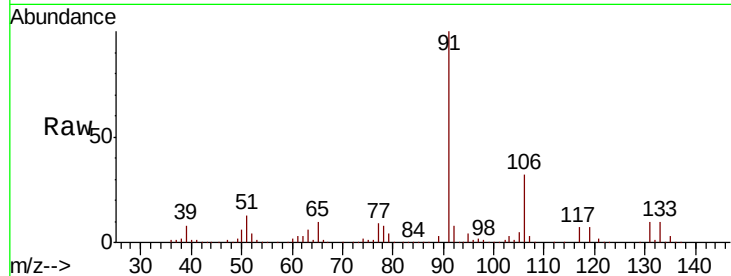
106 32.5 25.1 37.7

Manual Integrations

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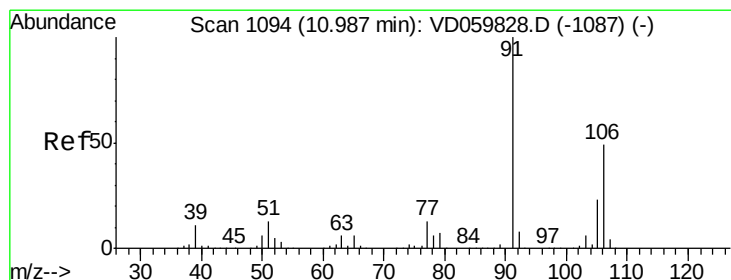
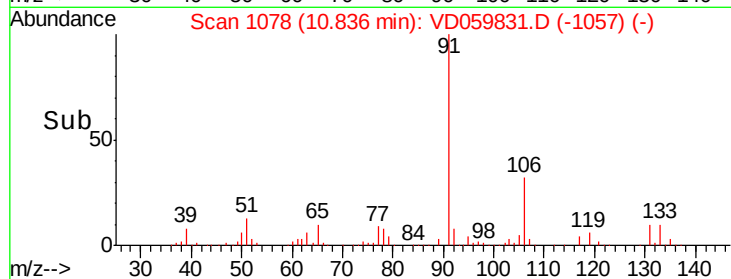
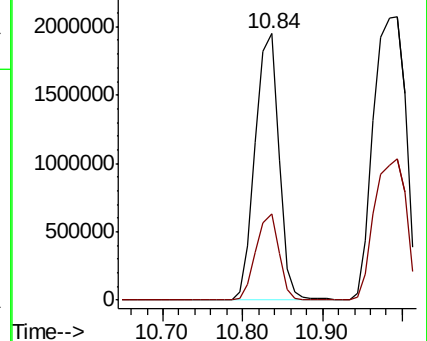
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.05 (105.75 to 106.75): VDC



#68

m/p-Xylenes

Concen: 200.53 ug/l

RT: 10.99 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VD059831.D

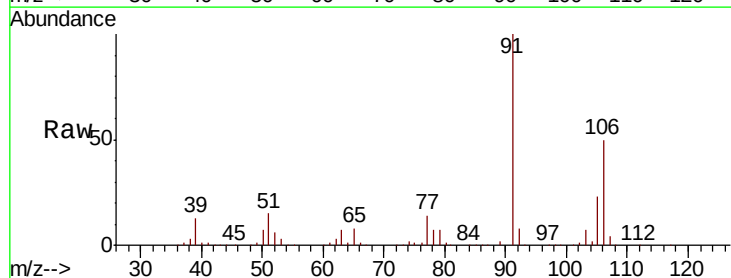
Acq: 20 Aug 2018 14:52

Tgt Ion:106 Resp: 2881179

Ion Ratio Lower Upper

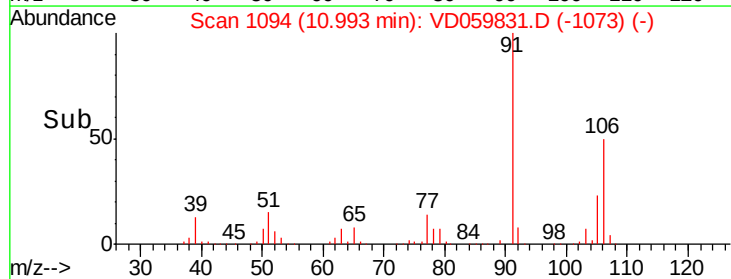
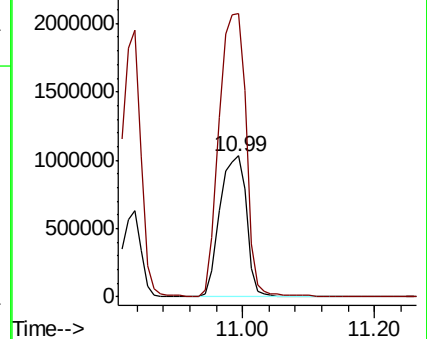
106 100

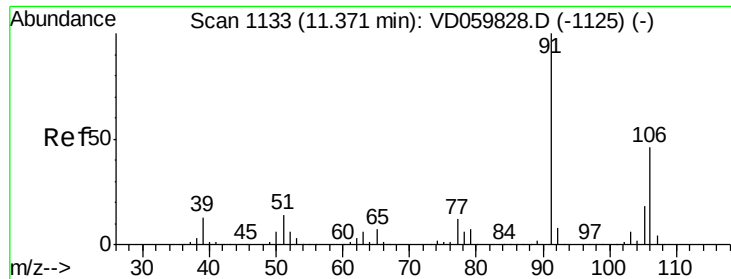
91 201.1 161.8 242.8



Abundance Ion 106.05 (105.75 to 106.75): VDC

Ion 91.00 (90.70 to 91.70): VDC





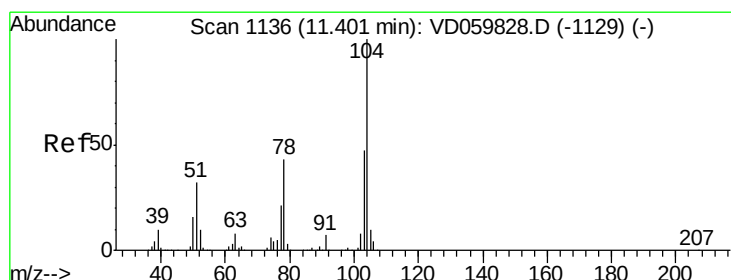
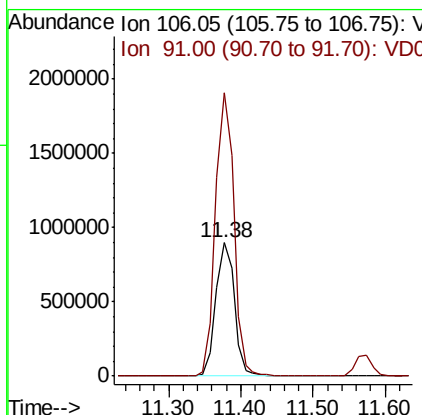
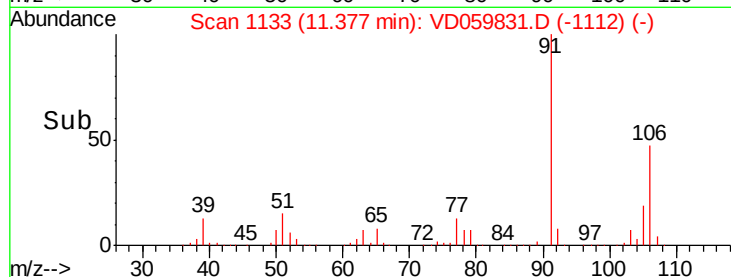
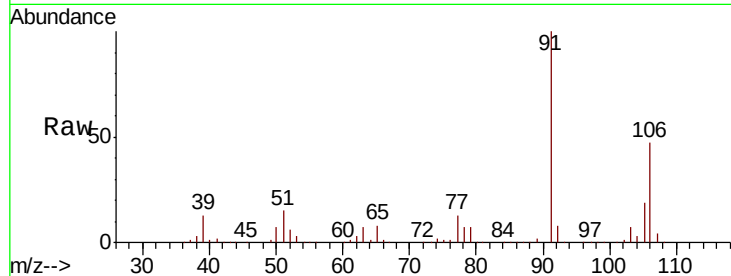
#69  
o-Xylene  
Concen: 113.00 ug/l  
RT: 11.38 min Scan# 1133  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion:106 Resp: 1586271  
Ion Ratio Lower Upper  
106 100  
91 212.0 108.5 325.3

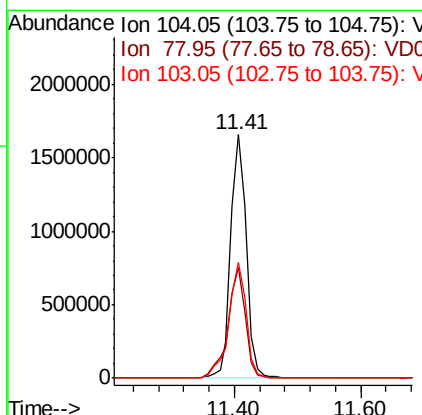
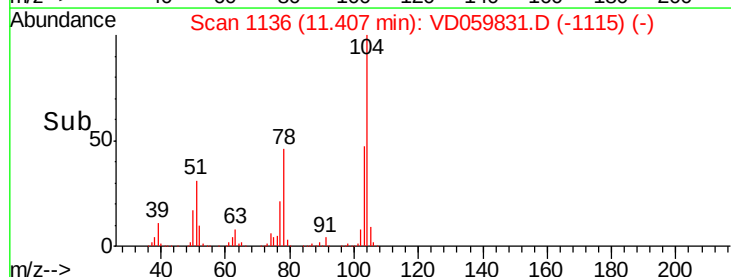
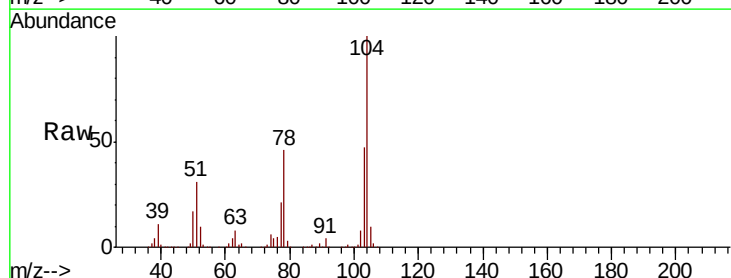
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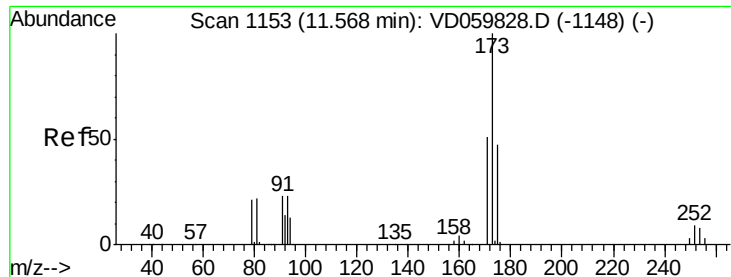


#70  
Styrene  
Concen: 115.65 ug/l  
RT: 11.41 min Scan# 1136  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Tgt Ion:104 Resp: 2813672  
Ion Ratio Lower Upper  
104 100  
78 45.5 34.6 52.0  
103 47.3 37.8 56.6







#71

Bromoform

Concen: 149.81 ug/l

RT: 11.57 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 1081426

Ion Ratio Lower Upper

173 100

175 48.8 23.7 71.1

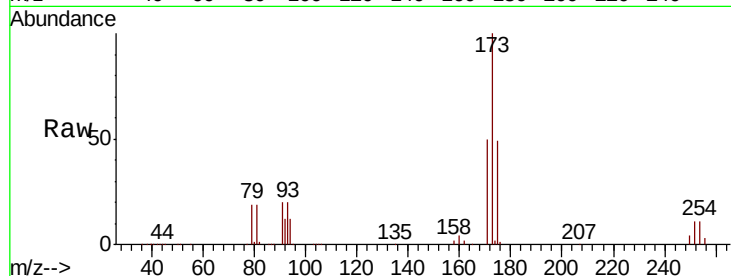
254 10.6 6.7 10.1#

Manual Integrations

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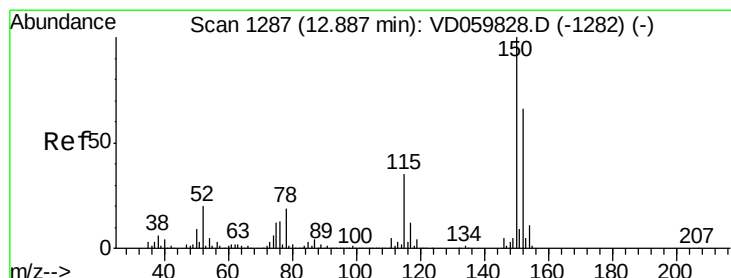
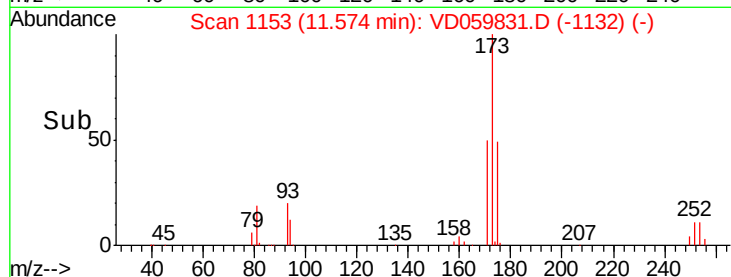
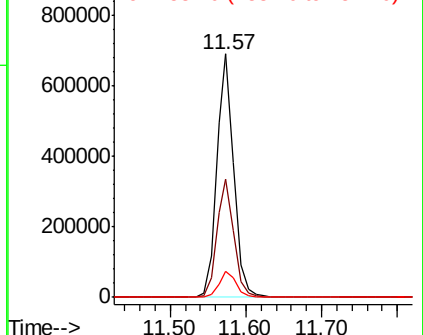
8/21/2018 10:23:40 AM



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.88 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

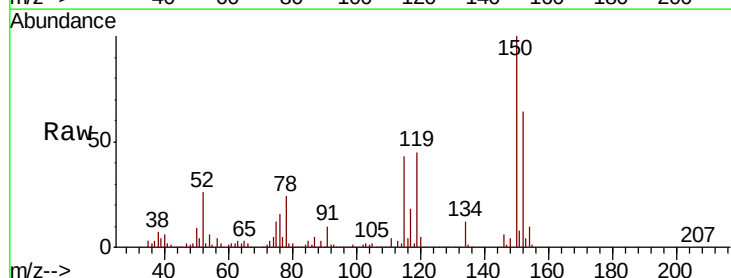
Tgt Ion:152 Resp: 498029

Ion Ratio Lower Upper

152 100

115 66.9 26.9 80.6

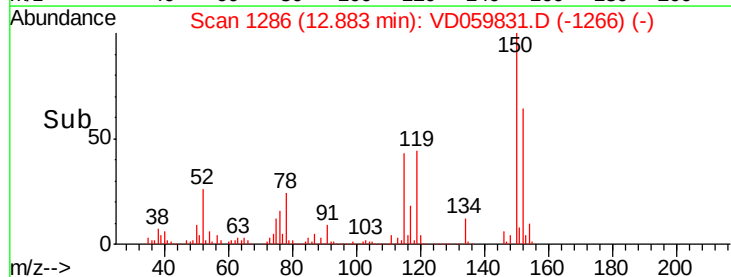
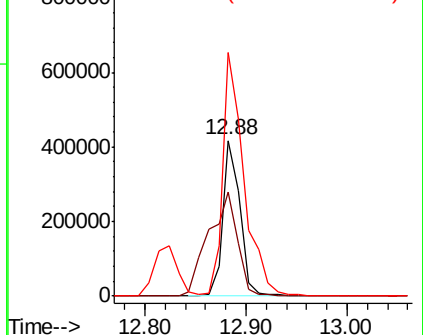
150 156.2 0.0 306.8

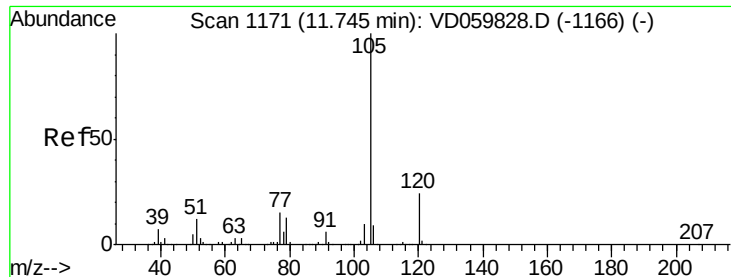


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 128.00 ug/l

RT: 11.75 min Scan# 1171

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 4348147

Ion Ratio Lower Upper

105 100

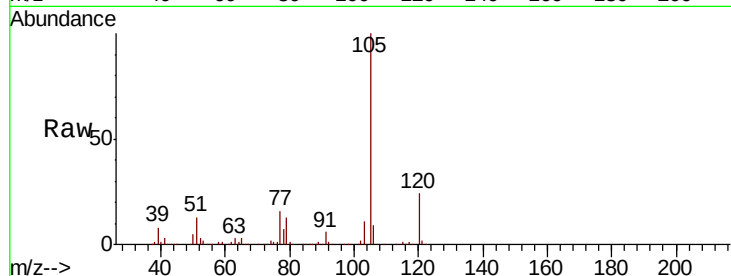
120 24.0 11.9 35.5

Manual Integrations

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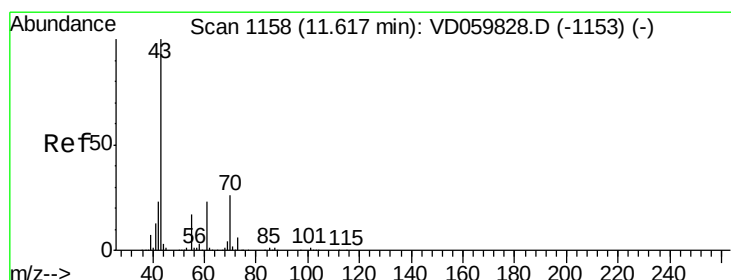
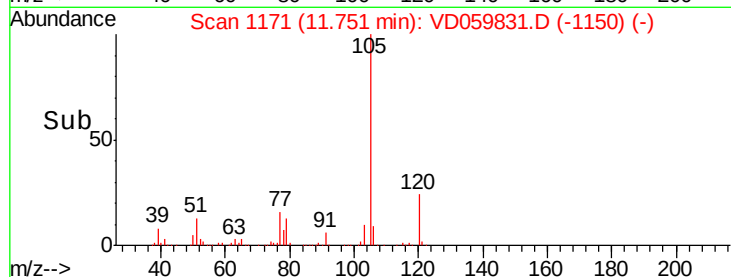
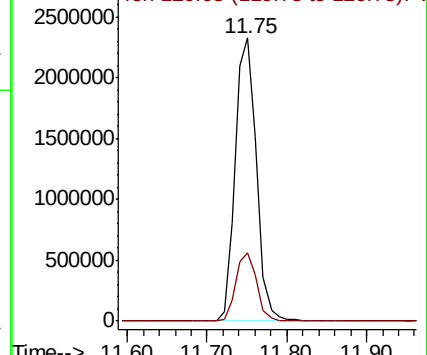
apatel

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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 150.01 ug/l

RT: 11.62 min Scan# 1158

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Tgt Ion: 43 Resp: 2253233

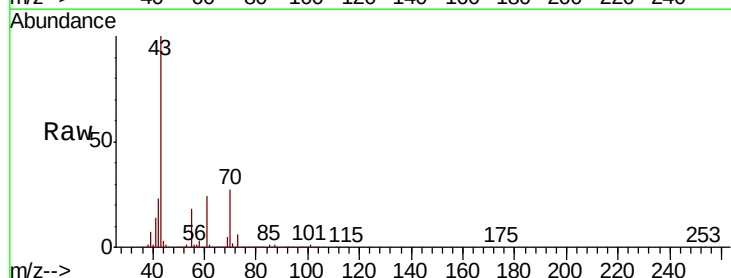
Ion Ratio Lower Upper

43 100

70 26.6 20.5 30.7

55 18.1 13.7 20.5

61 23.6 18.0 27.0

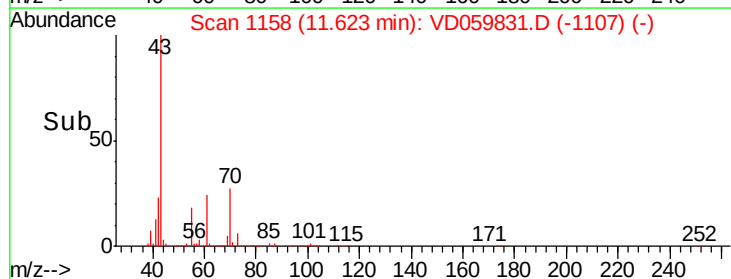
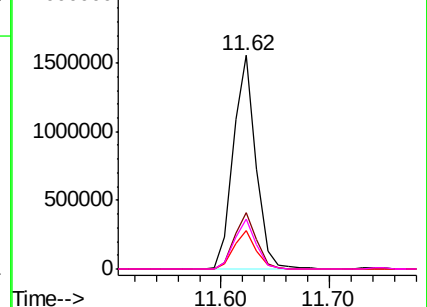


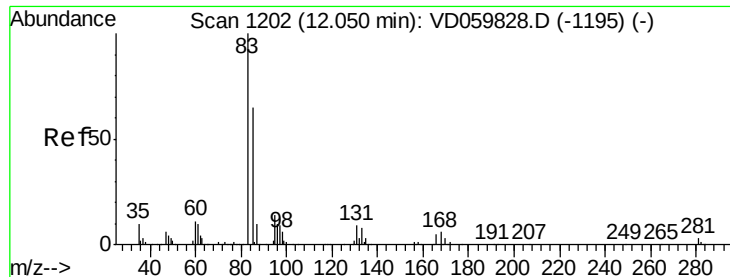
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 159.45 ug/l

RT: 12.06 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampled :

VSTDICC150

Tot Ion: 83 Resp: 1245382

Ion Ratio Lower Upper

83 100

131 9.7 4.3 13.1

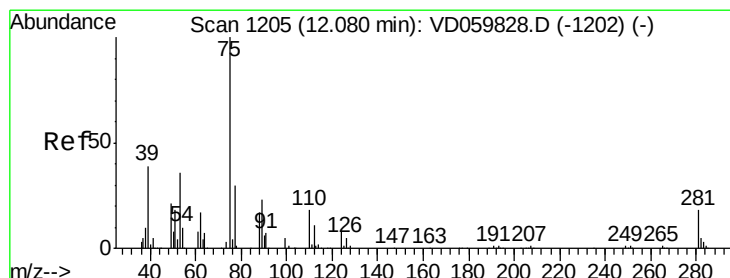
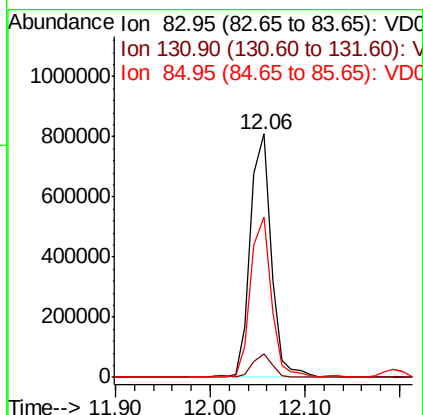
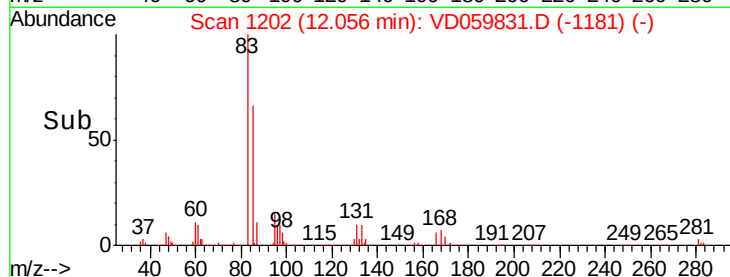
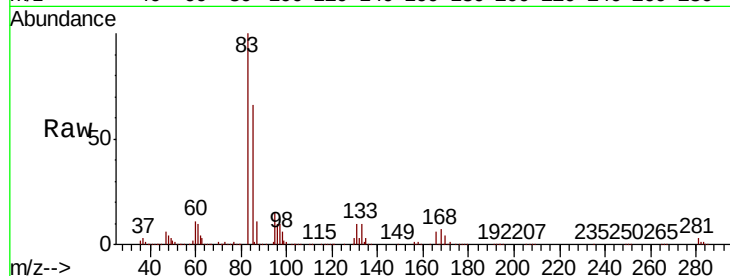
85 65.8 32.5 97.5

Manual Integrations

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#76

1,2,3-Trichloropropane

Concen: 146.10 ug/l

RT: 12.09 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VD059831.D

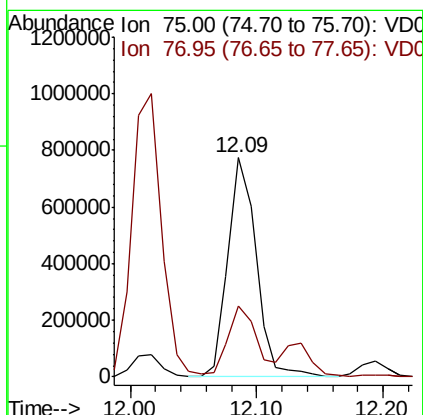
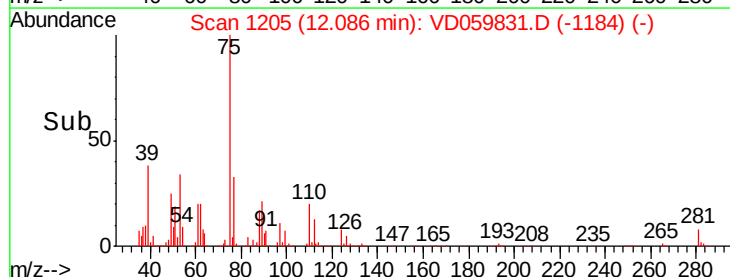
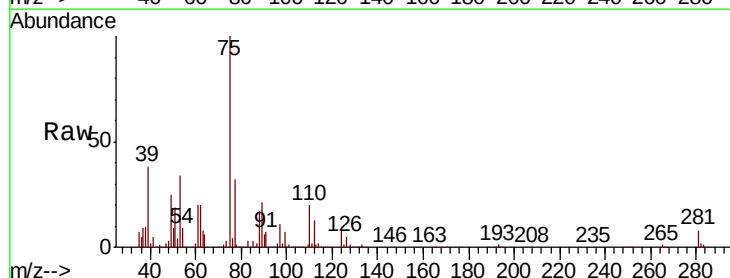
Acq: 20 Aug 2018 14:52

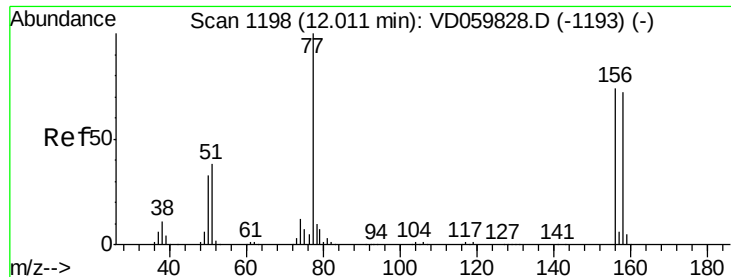
Tgt Ion: 75 Resp: 1189007

Ion Ratio Lower Upper

75 100

77 32.5 16.0 47.9





#77

Bromobenzene

Concen: 133.95 ug/l

RT: 12.02 min Scan# 1198

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 1263330

Ion Ratio Lower Upper

156 100

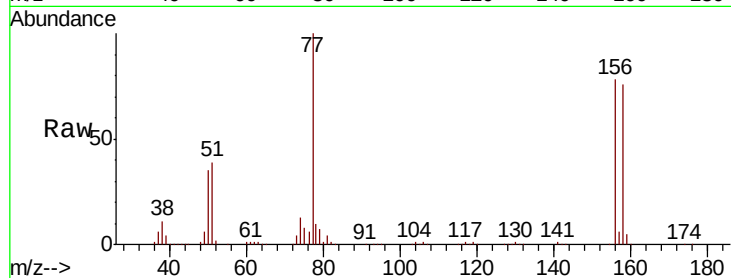
77 128.0 68.0 204.0

158 97.6 48.9 146.8

Manual Integrations  
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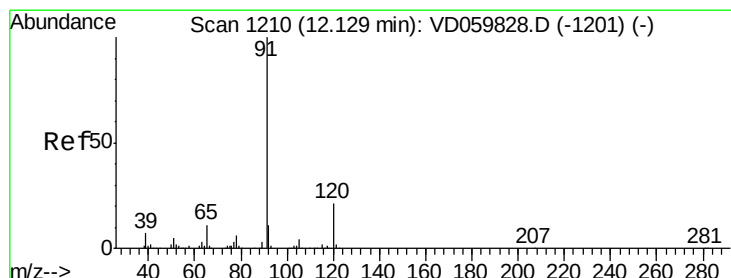
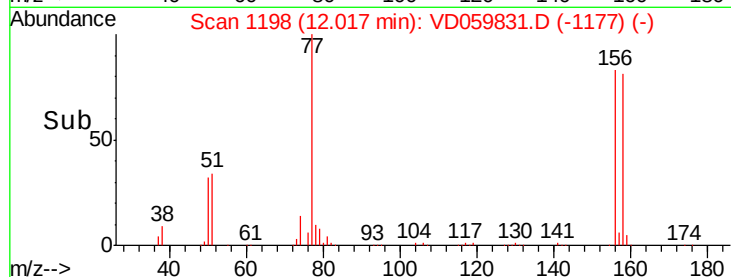
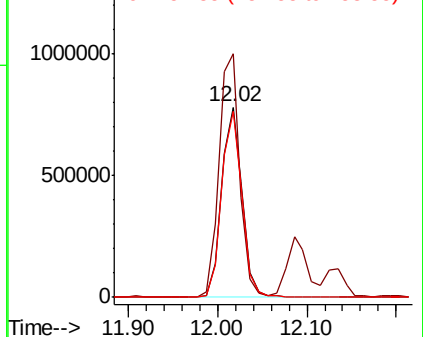
8/21/2018 10:23:40 AM



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 117.26 ug/l

RT: 12.13 min Scan# 1210

Delta R.T. 0.01 min

Lab File: VD059831.D

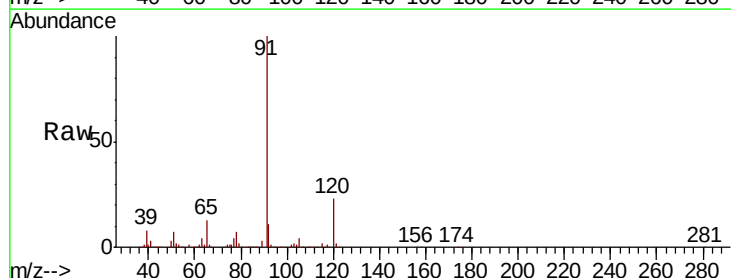
Acq: 20 Aug 2018 14:52

Tgt Ion: 91 Resp: 5004757

Ion Ratio Lower Upper

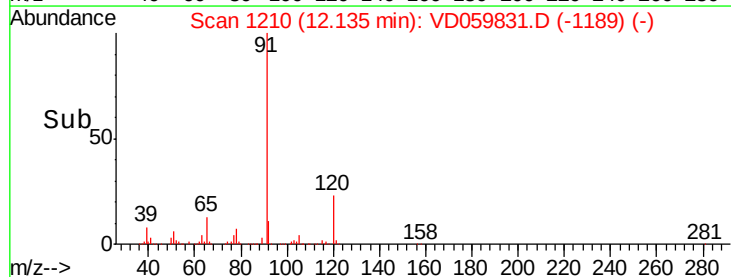
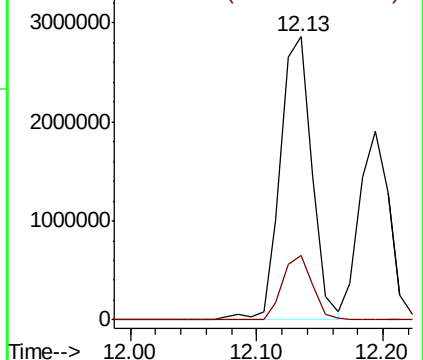
91 100

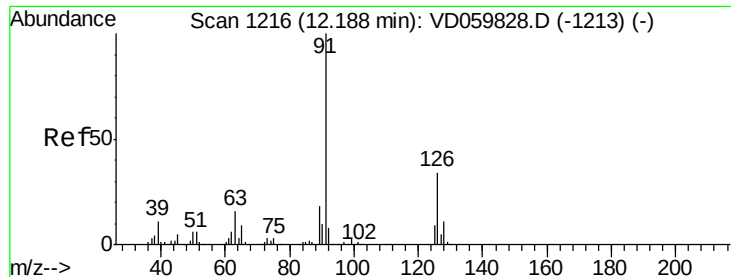
120 22.6 10.5 31.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 128.10 ug/l

RT: 12.19 min Scan# 1216

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 3121800

Ion Ratio Lower Upper

91 100

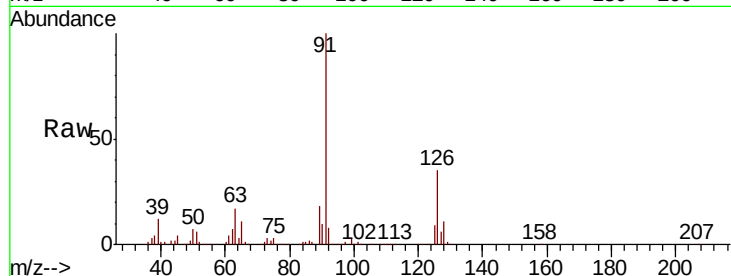
126 35.1 16.6 49.8

Manual Integrations

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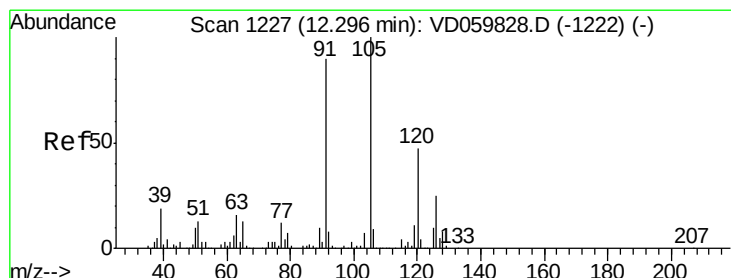
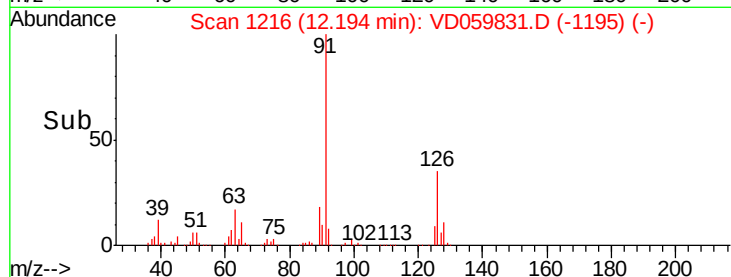
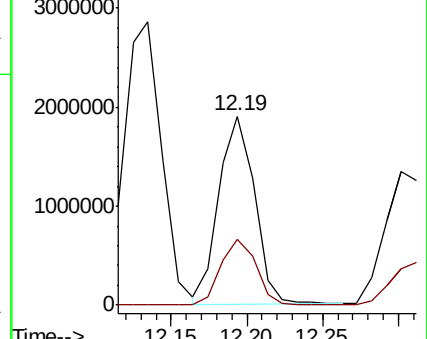
apatel

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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 99.18 ug/l

RT: 12.29 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VD059831.D

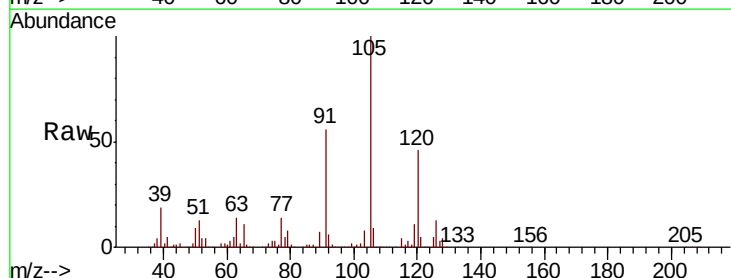
Acq: 20 Aug 2018 14:52

Tgt Ion:105 Resp: 2527165

Ion Ratio Lower Upper

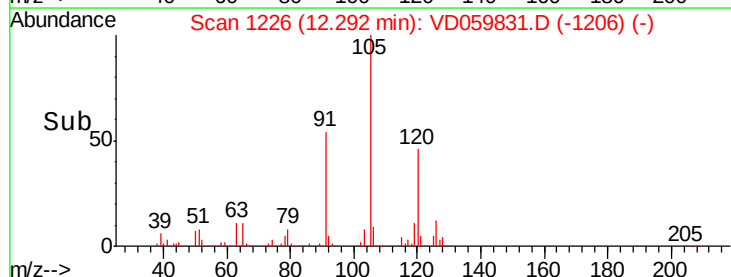
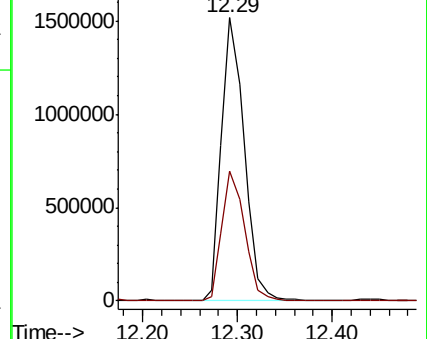
105 100

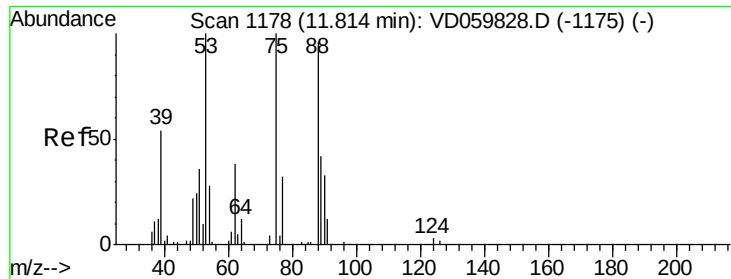
120 45.6 23.5 70.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





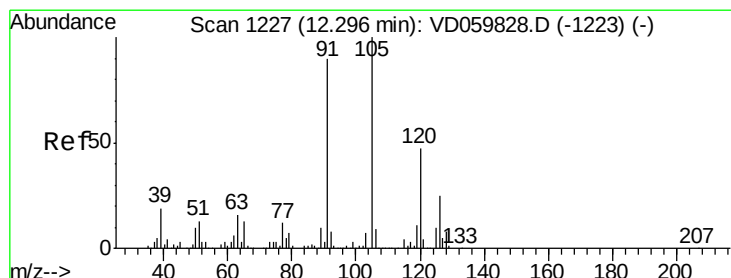
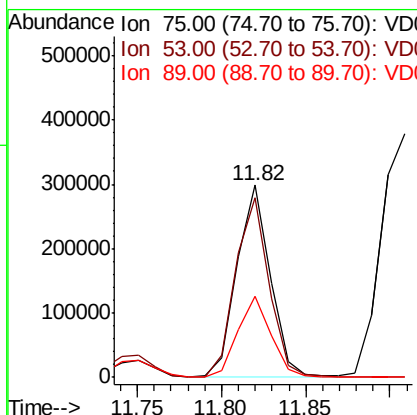
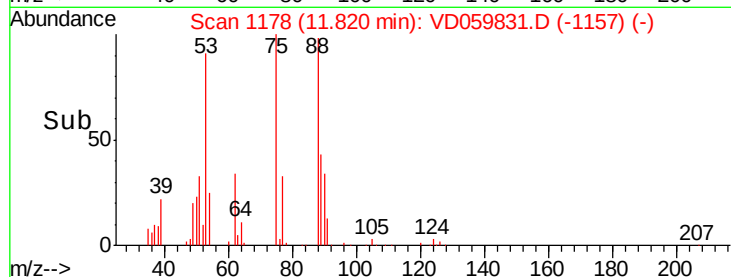
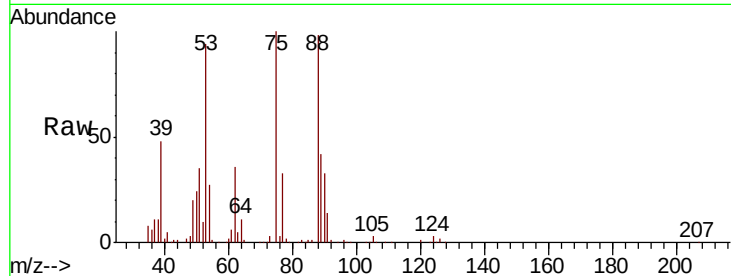
#81  
trans-1,4-Dichloro-2-butene  
Concen: 162.63 ug/l  
RT: 11.82 min Scan# 1178  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 93.7  | 80.7  | 121.1 |
| 89      | 42.5  | 33.9  | 50.9  |

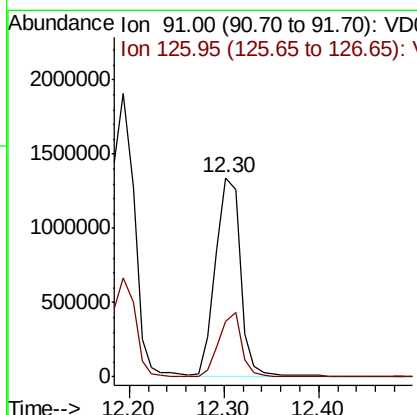
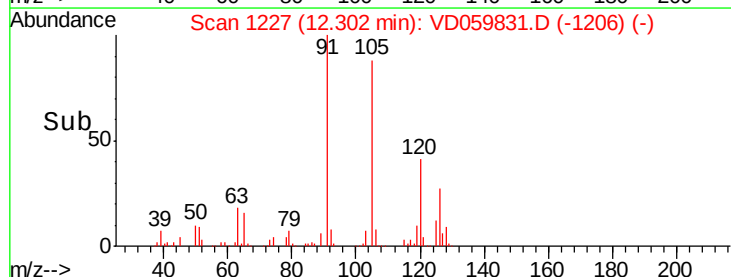
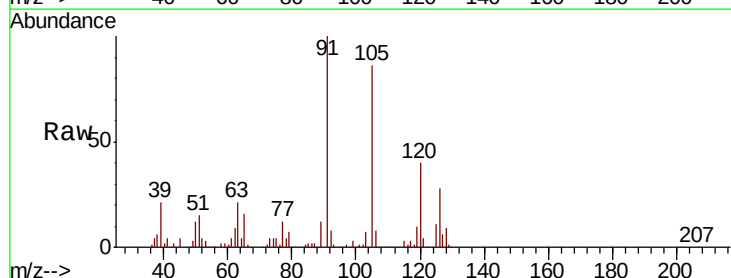
Manual Integrations  
APPROVED

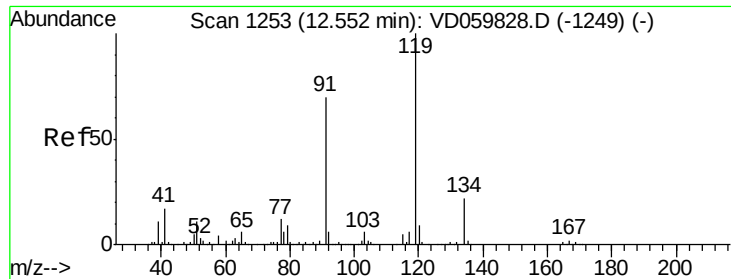
apatel  
8/21/2018 10:23:40 AM



#82  
4-Chlorotoluene  
Concen: 96.30 ug/l  
RT: 12.30 min Scan# 1227  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 27.8  | 13.7  | 41.0  |





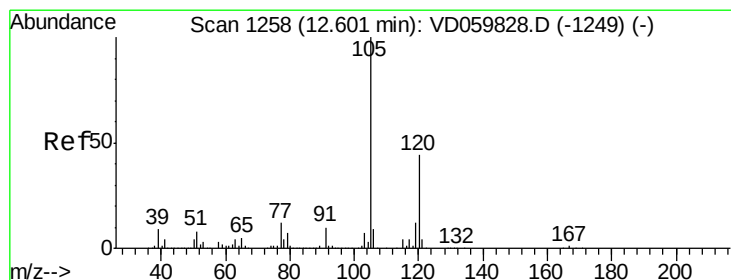
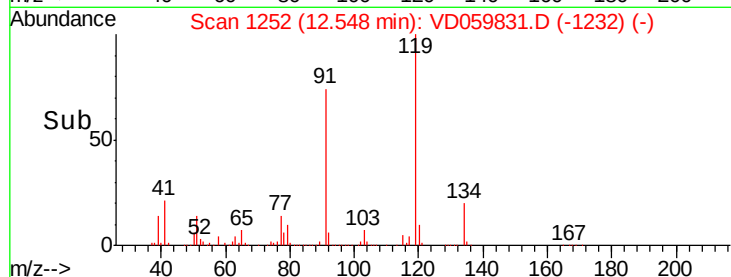
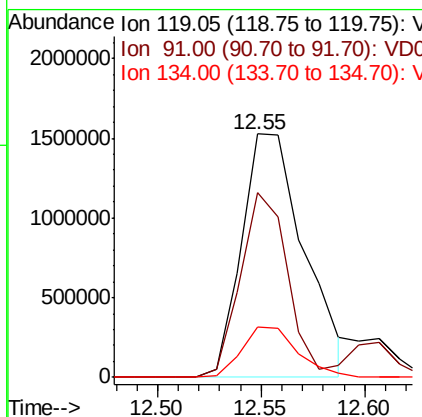
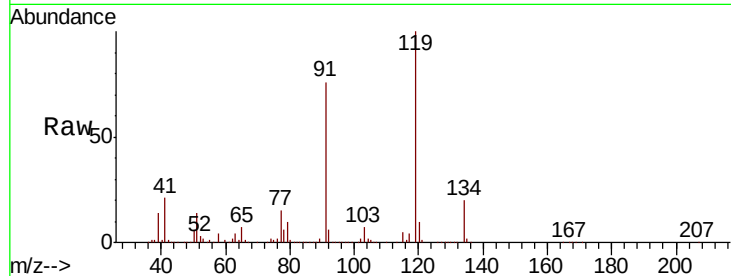
#83  
 tert-Butylbenzene  
 Concen: 107.58 ug/l m  
 RT: 12.55 min Scan# 1252  
 Delta R.T. -0.00 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

Tot Ion:119 Resp: 3221459  
 Ion Ratio Lower Upper  
 119 100  
 91 75.7 35.1 105.3  
 134 20.4 11.0 33.0

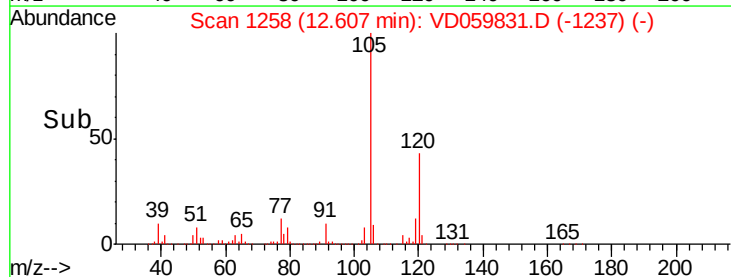
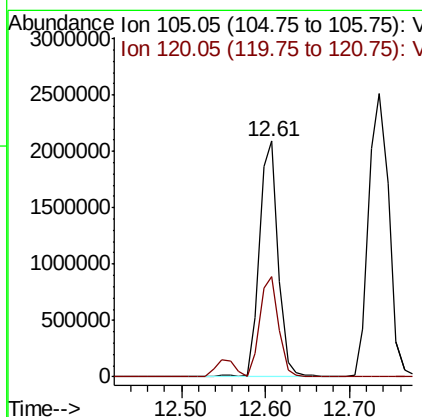
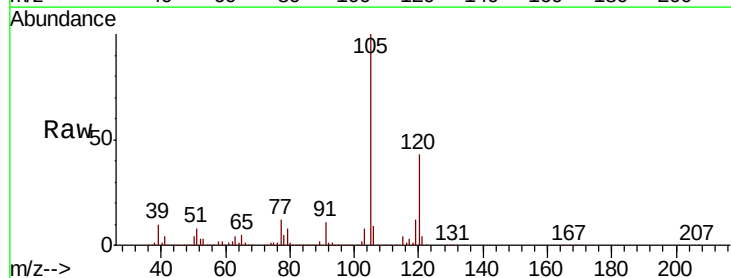
Manual Integrations  
 APPROVED

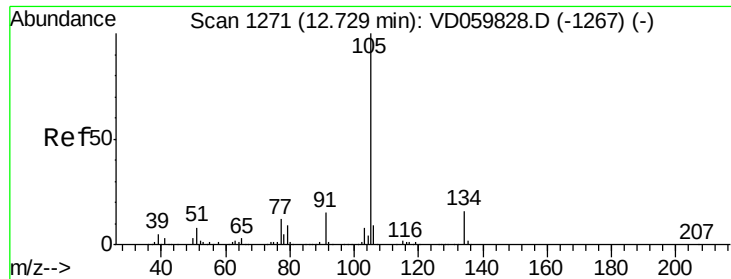
apatel  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 116.69 ug/l  
 RT: 12.61 min Scan# 1258  
 Delta R.T. 0.01 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Tgt Ion:105 Resp: 3290818  
 Ion Ratio Lower Upper  
 105 100  
 120 42.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 116.11 ug/l

RT: 12.74 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleID :

VSTDIC150

Tot Ion:105 Resp: 4171231

Ion Ratio Lower Upper

105 100

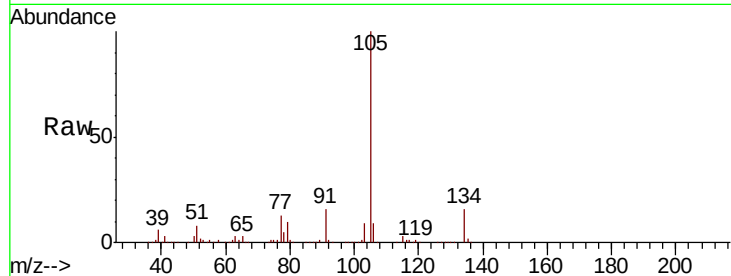
134 16.1 7.8 23.5

Manual Integrations

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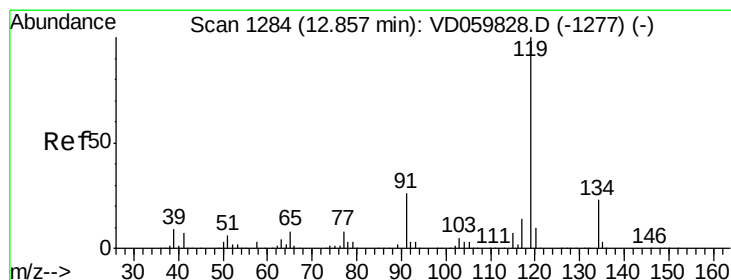
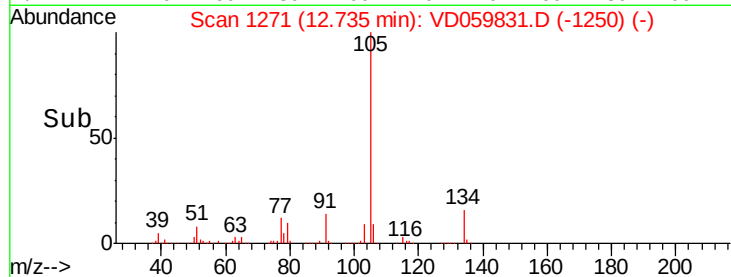
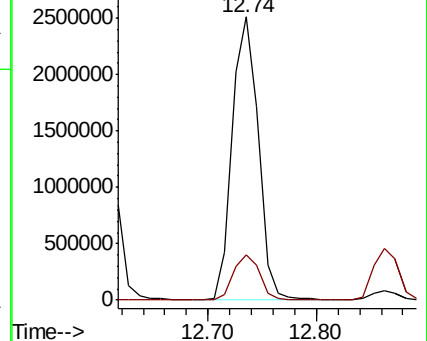
apatel

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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 119.27 ug/l

RT: 12.86 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

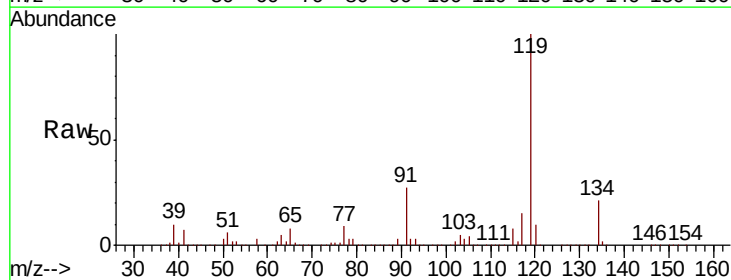
Tgt Ion:119 Resp: 3363419

Ion Ratio Lower Upper

119 100

134 21.5 11.5 34.5

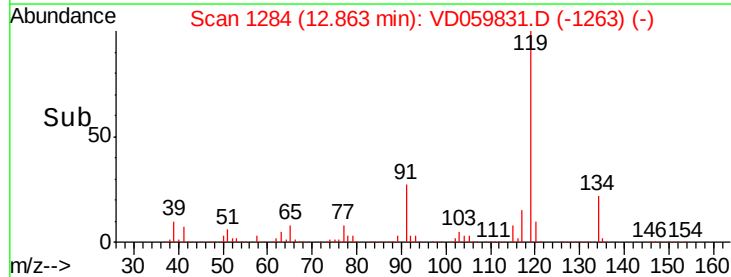
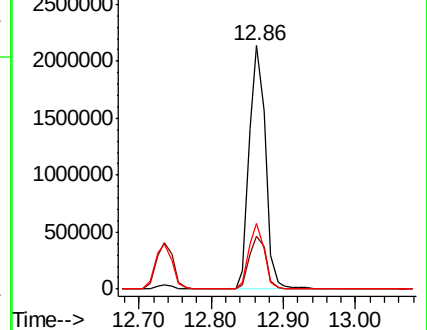
91 27.0 13.2 39.6



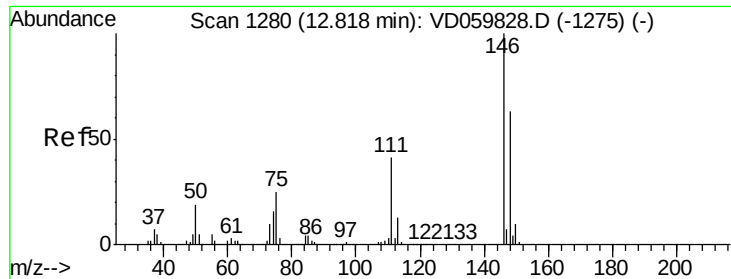
Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V







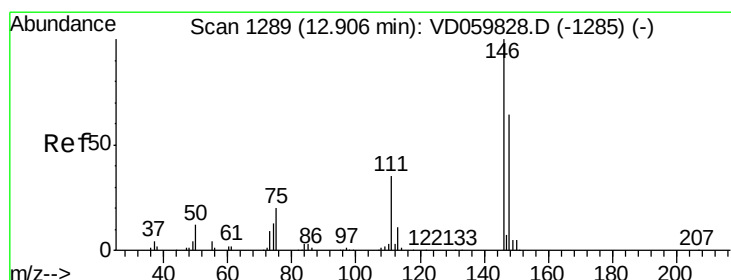
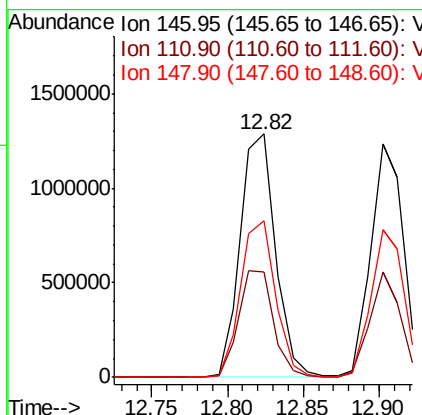
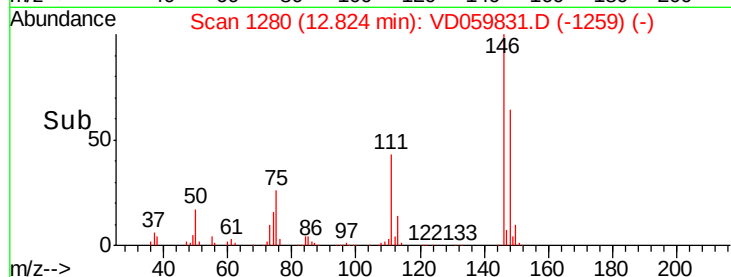
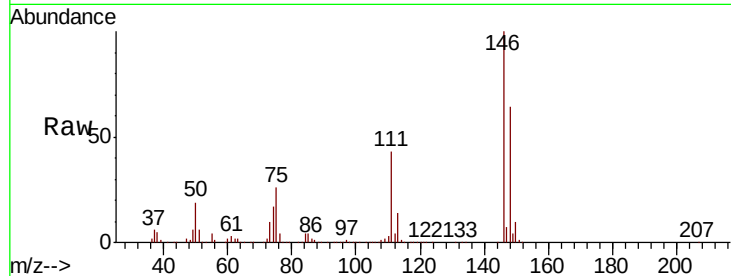
#87  
 1,3-Dichlorobenzene  
 Concen: 131.82 ug/l  
 RT: 12.82 min Scan# 1280  
 Delta R.T. 0.01 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.5  | 20.3  | 60.9  |
| 148     | 64.4  | 31.6  | 94.7  |

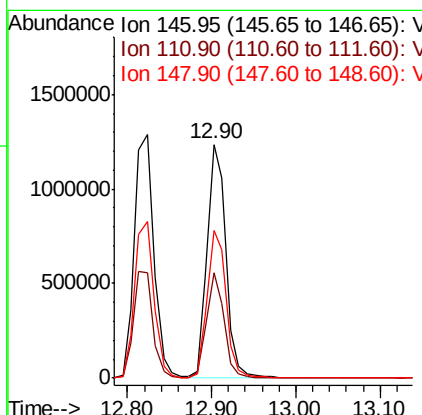
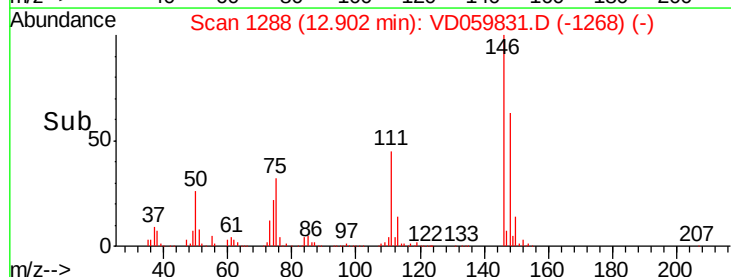
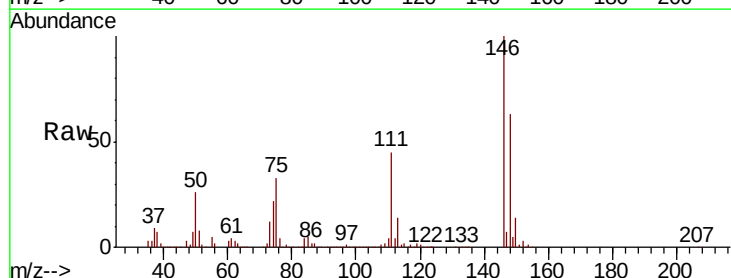
Manual Integrations  
 APPROVED

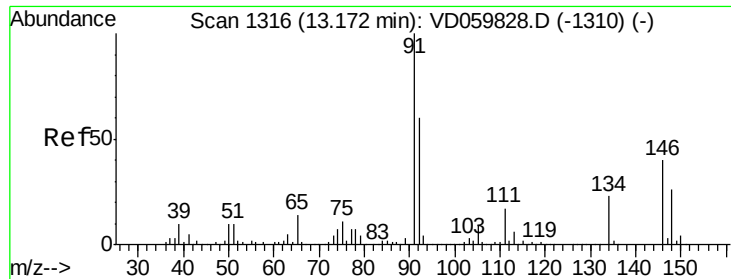
apatel  
 8/21/2018 10:23:40 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 119.50 ug/l  
 RT: 12.90 min Scan# 1288  
 Delta R.T. -0.00 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 45.0  | 17.8  | 53.3  |
| 148     | 62.9  | 31.9  | 95.9  |





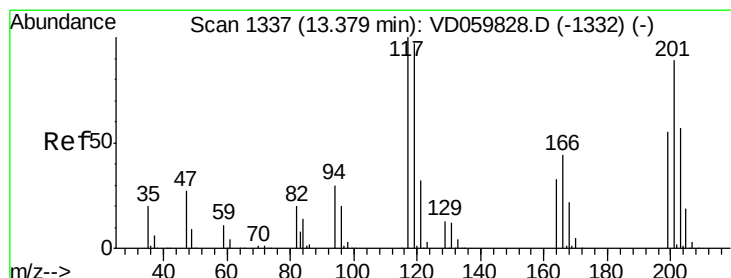
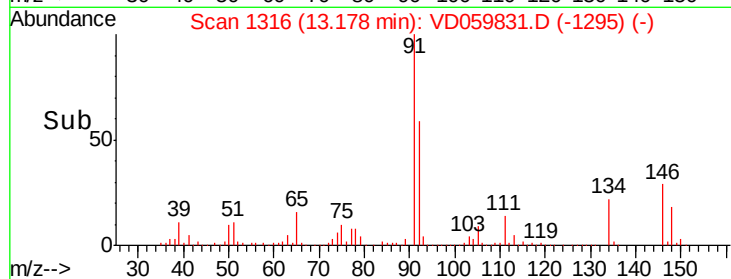
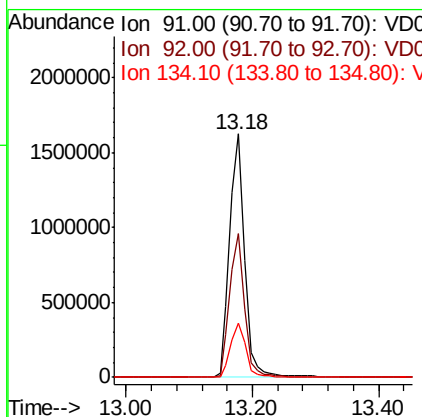
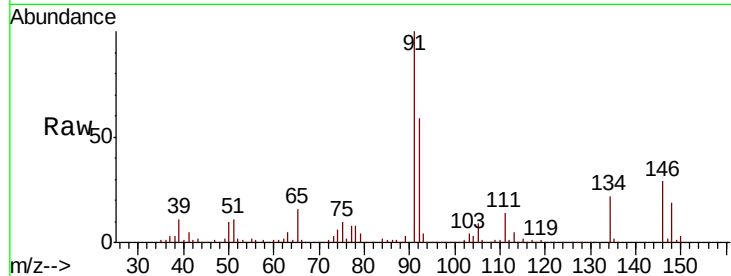
#89  
n-Butylbenzene  
Concen: 94.18 ug/l  
RT: 13.18 min Scan# 1316  
Delta R.T. 0.01 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tot Ion: 91 Resp: 2664311  
Ion Ratio Lower Upper  
91 100  
92 59.1 29.8 89.5  
134 22.5 11.5 34.4

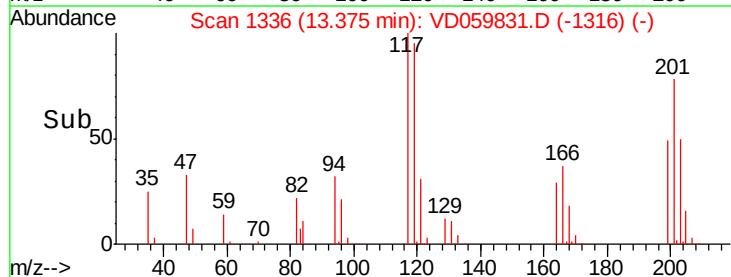
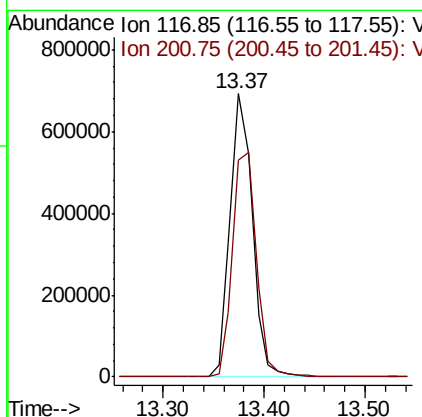
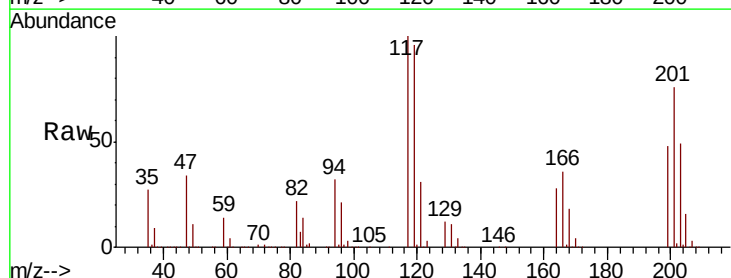
Manual Integrations  
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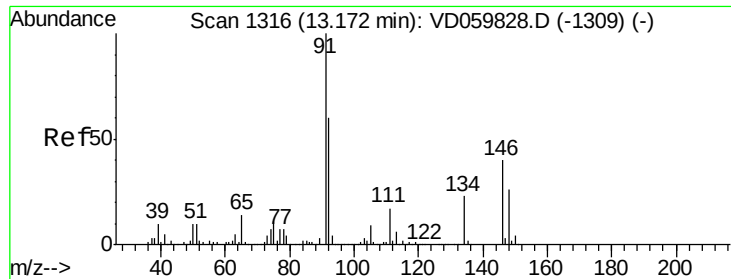
apatel  
8/21/2018 10:23:40 AM



#90  
Hexachloroethane  
Concen: 134.40 ug/l  
RT: 13.37 min Scan# 1336  
Delta R.T. -0.00 min  
Lab File: VD059831.D  
Acq: 20 Aug 2018 14:52

Tgt Ion: 117 Resp: 1070653  
Ion Ratio Lower Upper  
117 100  
201 76.4 44.6 134.0





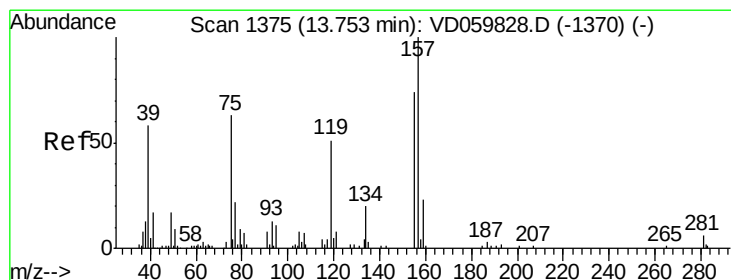
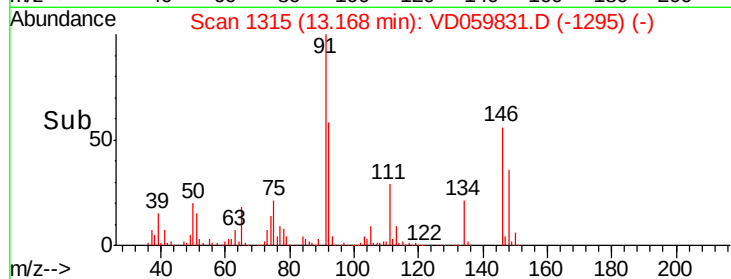
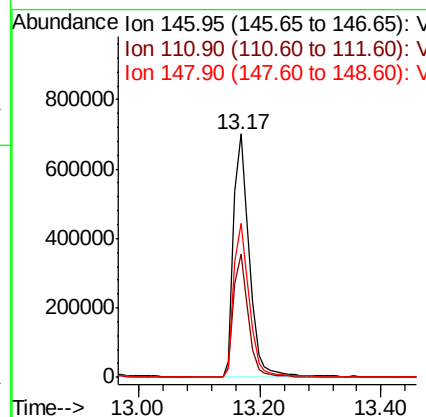
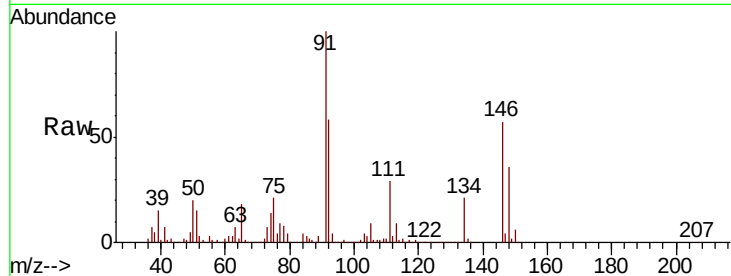
#91  
 1,2-Dichlorobenzene  
 Concen: 97.18 ug/l  
 RT: 13.17 min Scan# 1315  
 Delta R.T. -0.00 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 50.6  | 20.9  | 62.8  |
| 148     | 63.3  | 31.6  | 94.8  |

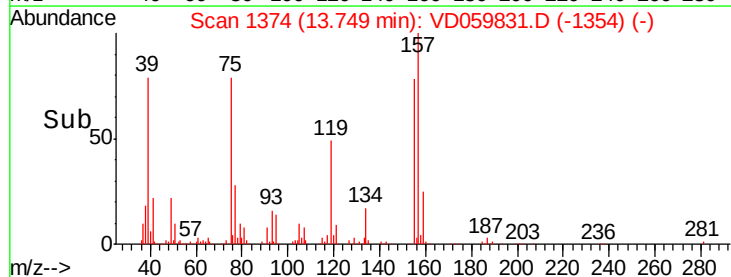
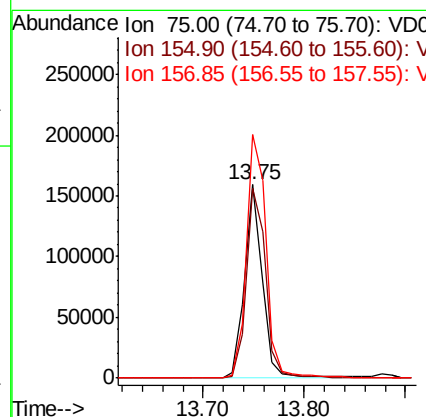
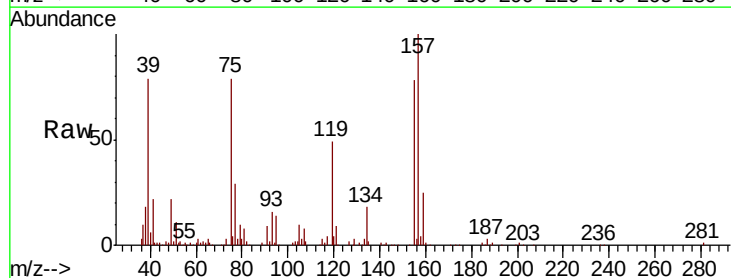
Manual Integrations  
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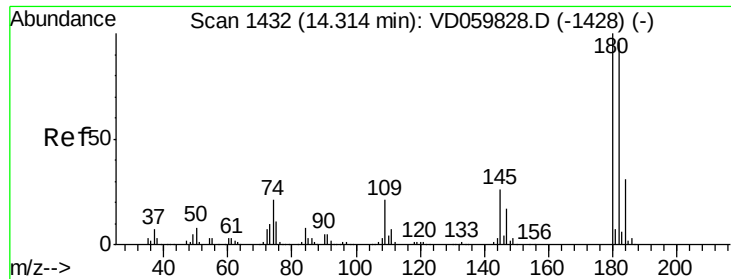
apatel  
 8/21/2018 10:23:40 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 165.55 ug/l  
 RT: 13.75 min Scan# 1374  
 Delta R.T. -0.00 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 98.1  | 59.1  | 177.3 |
| 157     | 126.1 | 79.7  | 238.9 |





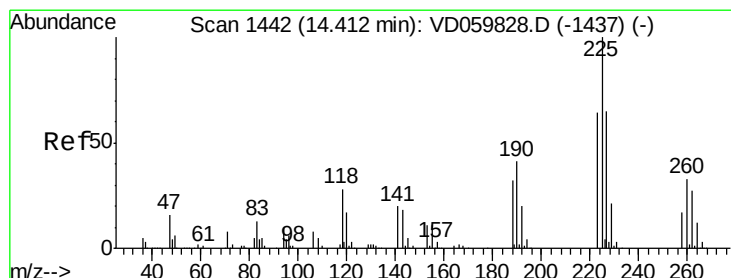
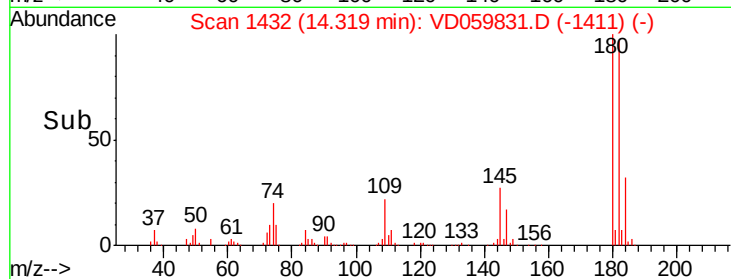
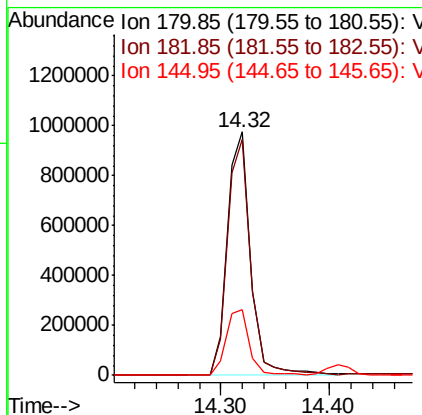
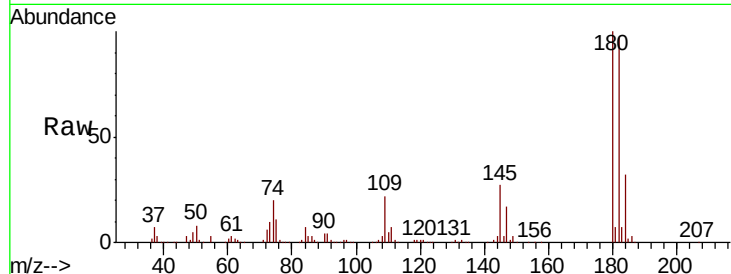
#93  
 1,2,4-Trichlorobenzene  
 Concen: 126.78 ug/l  
 RT: 14.32 min Scan# 1432  
 Delta R.T. 0.01 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.0  | 48.0  | 144.0 |
| 145     | 26.9  | 13.1  | 39.1  |

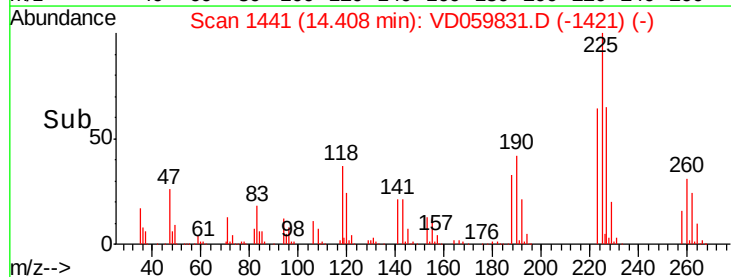
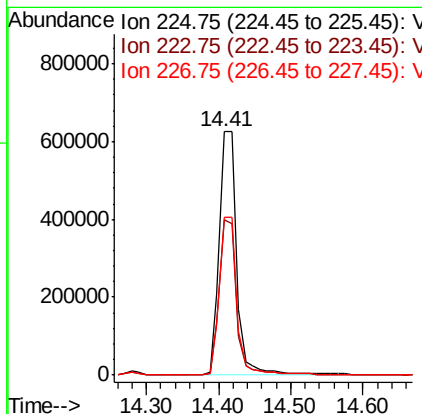
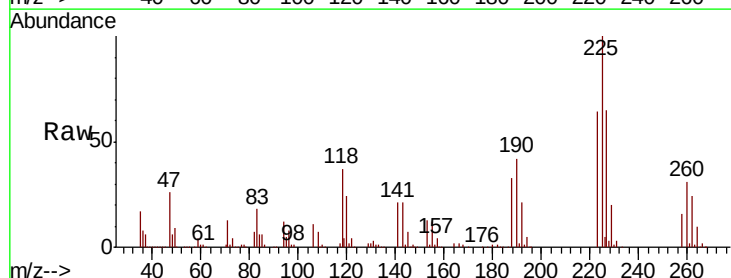
Manual Integrations  
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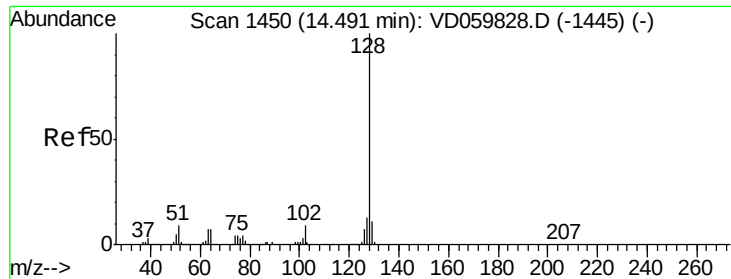
apatel  
 8/21/2018 10:23:40 AM



#94  
 Hexachlorobutadiene  
 Concen: 136.21 ug/l  
 RT: 14.41 min Scan# 1441  
 Delta R.T. -0.00 min  
 Lab File: VD059831.D  
 Acq: 20 Aug 2018 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.0  | 31.8  | 95.4  |
| 227     | 64.6  | 32.8  | 98.3  |





#95

Naphthalene

Concen: 148.75 ug/l

RT: 14.50 min Scan# 1450

Delta R.T. 0.01 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2742102

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

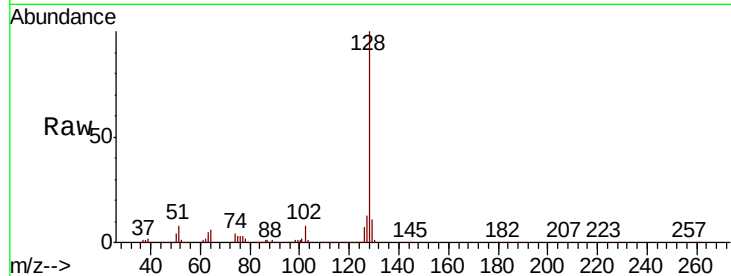
129 10.9 8.7 13.1

Manual Integrations

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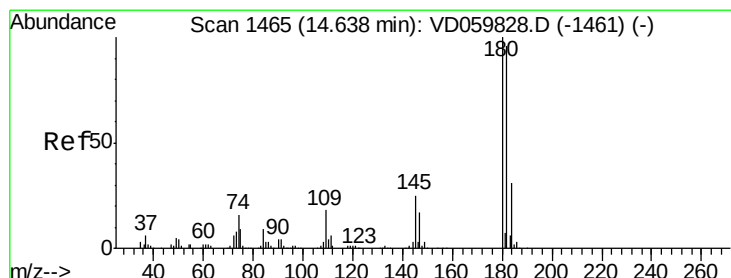
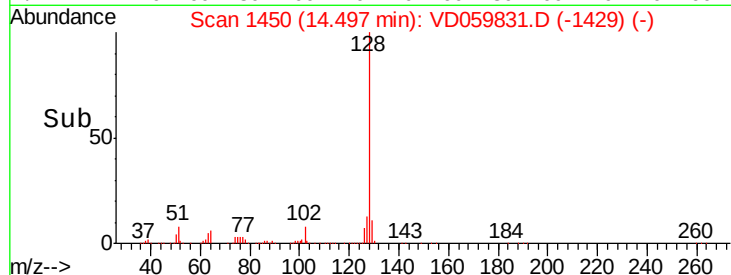
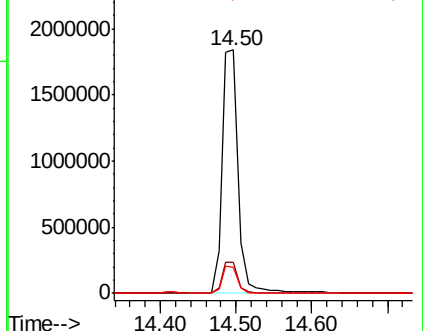
8/21/2018 10:23:40 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 136.09 ug/l

RT: 14.63 min Scan# 1464

Delta R.T. -0.00 min

Lab File: VD059831.D

Acq: 20 Aug 2018 14:52

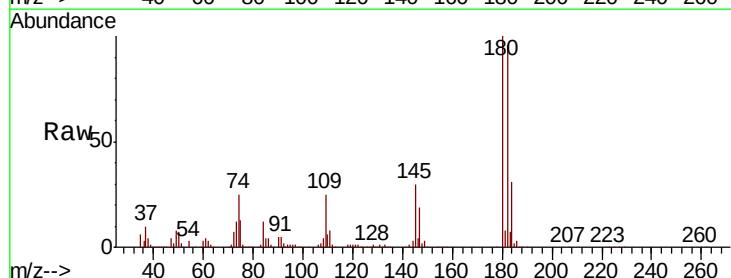
Tgt Ion:180 Resp: 1365108

Ion Ratio Lower Upper

180 100

182 95.7 47.8 143.4

145 29.7 12.7 38.0



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

