

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD112118\  
 Data File : VD060436.D  
 Acq On : 21 Nov 2018 12:16  
 Operator : JC/SY  
 Sample : VD1121SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1121SBS01

Quant Time: Nov 21 14:00:10 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110618S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 19 16:31:59 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 6.42  | 168  | 1370900  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 7.45  | 114  | 1892220  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.29 | 117  | 1455157  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.37 | 152  | 723244   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 6.79   | 65  | 445695   | 45.41 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 90.82% |      |
| 35) Dibromofluoromethane    | 6.33   | 113 | 687681   | 48.74 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.48% |      |
| 50) Toluene-d8              | 9.46   | 98  | 1906774  | 46.17 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 92.34% |      |
| 62) 4-Bromofluorobenzene    | 12.43  | 95  | 674077   | 45.05 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 90.10% |      |

| Target Compounds              |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.60 | 85  | 270472  | 22.65  | ug/l | 97     |
| 3) Chloromethane              | 1.76 | 50  | 263651  | 20.30  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.86 | 62  | 216243  | 20.39  | ug/l | 99     |
| 5) Bromomethane               | 2.16 | 94  | 44646   | 17.74  | ug/l | 97     |
| 6) Chloroethane               | 2.27 | 64  | 63154   | 17.95  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 2.52 | 101 | 259071  | 20.72  | ug/l | 99     |
| 8) Diethyl Ether              | 2.84 | 74  | 42718   | 18.87  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.10 | 101 | 177860  | 21.63  | ug/l | 97     |
| 10) Methyl Iodide             | 3.26 | 142 | 182986  | 17.13  | ug/l | 97     |
| 11) Tert butyl alcohol        | 3.98 | 59  | 37092   | 92.02  | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 3.08 | 96  | 138466  | 20.70  | ug/l | 97     |
| 13) Acrolein                  | 2.99 | 56  | 32542   | 68.33  | ug/l | 93     |
| 14) Allyl chloride            | 3.54 | 41  | 253540  | 19.81  | ug/l | 96     |
| 15) Acrylonitrile             | 4.09 | 53  | 232533  | 98.93  | ug/l | 99     |
| 16) Acetone                   | 3.17 | 43  | 173711  | 102.02 | ug/l | 99     |
| 17) Carbon Disulfide          | 3.33 | 76  | 403031  | 18.67  | ug/l | 98     |
| 18) Methyl Acetate            | 3.56 | 43  | 68594   | 18.89  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 4.13 | 73  | 388473  | 19.39  | ug/l | 97     |
| 20) Methylene Chloride        | 3.73 | 84  | 356821  | 23.62  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 4.11 | 96  | 312697  | 21.05  | ug/l | 94     |
| 22) Diisopropyl ether         | 4.86 | 45  | 963300  | 20.15  | ug/l | 97     |
| 23) Vinyl Acetate             | 4.81 | 43  | 2347921 | 98.68  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 4.76 | 63  | 503961  | 20.55  | ug/l | 99     |
| 25) 2-Butanone                | 5.63 | 43  | 334802  | 94.60  | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 5.60 | 77  | 408989  | 21.45  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 5.60 | 96  | 323459  | 20.91  | ug/l | 96     |
| 28) Bromochloromethane        | 5.93 | 49  | 224945  | 20.79  | ug/l | 95     |
| 29) Tetrahydrofuran           | 5.96 | 42  | 170496  | 91.37  | ug/l | 99     |
| 30) Chloroform                | 6.11 | 83  | 519543  | 21.19  | ug/l | 99     |
| 31) Cyclohexane               | 6.37 | 56  | 464821  | 19.83  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 6.30 | 97  | 421780  | 20.43  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 6.53 | 75  | 395165  | 21.14  | ug/l | 98     |
| 37) Ethyl Acetate             | 5.70 | 43  | 177546  | 20.64  | ug/l | # 95   |
| 38) Carbon Tetrachloride      | 6.51 | 117 | 362946  | 20.93  | ug/l | 99     |

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 Sample : VD1121SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1121SBS01

Quant Time: Nov 21 14:00:10 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110618S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 19 16:31:59 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 8.04  | 83   | 434433   | 20.20  | ug/l   | 99       |
| 40) Benzene                    | 6.80  | 78   | 972598   | 20.38  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.96  | 41   | 186322   | 18.92  | ug/l # | 89       |
| 42) 1,2-Dichloroethane         | 6.90  | 62   | 248822   | 19.92  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.35  | 43   | 197032   | 18.23  | ug/l # | 96       |
| 44) Trichloroethene            | 7.75  | 130  | 303557   | 20.98  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 8.11  | 63   | 244263   | 20.30  | ug/l   | 96       |
| 46) Dibromomethane             | 8.22  | 93   | 142081   | 20.16  | ug/l   | 97       |
| 47) Bromodichloromethane       | 8.49  | 83   | 336851   | 20.28  | ug/l   | 98       |
| 48) Methyl methacrylate        | 8.25  | 41   | 126439   | 19.26  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 8.23  | 88   | 22574    | 397.50 | ug/l # | 75       |
| 51) 4-Methyl-2-Pentanone       | 9.34  | 43   | 669906   | 95.25  | ug/l   | 98       |
| 52) Toluene                    | 9.56  | 92   | 635441   | 20.85  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.92  | 75   | 268766   | 19.15  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.10  | 75   | 354960   | 19.72  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.19 | 97   | 174515   | 19.75  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.03 | 69   | 153336   | 18.88  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.38 | 76   | 253769   | 18.85  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.93  | 63   | 475127   | 96.73  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.49 | 43   | 486958   | 97.15  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.64 | 129  | 210795   | 19.63  | ug/l   | 94       |
| 61) 1,2-Dibromoethane          | 10.76 | 107  | 172339   | 19.47  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.26 | 164  | 280586   | 21.60  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.32 | 112  | 675379   | 21.42  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.42 | 131  | 223347   | 21.65  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.43 | 91   | 1208333  | 22.40  | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.56 | 106  | 870594   | 43.76  | ug/l   | 93       |
| 69) o-Xylene                   | 11.94 | 106  | 423044   | 22.01  | ug/l   | 98       |
| 70) Styrene                    | 11.96 | 104  | 663992   | 21.38  | ug/l   | 98       |
| 71) Bromoform                  | 12.12 | 173  | 135287   | 19.52  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.28 | 105  | 1184985  | 22.49  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.13 | 43   | 261981   | 19.39  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.57 | 83   | 172288   | 19.99  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.60 | 75   | 171769   | 19.85  | ug/l   | 99       |
| 77) Bromobenzene               | 12.54 | 156  | 298772   | 21.35  | ug/l   | 90       |
| 78) n-propylbenzene            | 12.64 | 91   | 1490389  | 22.66  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.71 | 91   | 792989   | 22.01  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 12.79 | 105  | 909991   | 22.22  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.34 | 75   | 47100    | 19.12  | ug/l   | 87       |
| 82) 4-Chlorotoluene            | 12.81 | 91   | 896752   | 22.16  | ug/l   | 92       |
| 83) tert-Butylbenzene          | 13.05 | 119  | 1030325  | 22.66  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.10 | 105  | 929741   | 22.73  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 13.23 | 105  | 1229015  | 22.03  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 13.35 | 119  | 1005131  | 22.38  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 13.32 | 146  | 529253   | 21.25  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 13.39 | 146  | 526190   | 21.64  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.65 | 91   | 1019380  | 20.71  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.86 | 117  | 232820   | 21.86  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 443258   | 21.67  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.23 | 75   | 20004    | 19.23  | ug/l   | 80       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_D\DATA\VD112118\  
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Operator : JC/SY  
Sample : VD1121SBS01  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

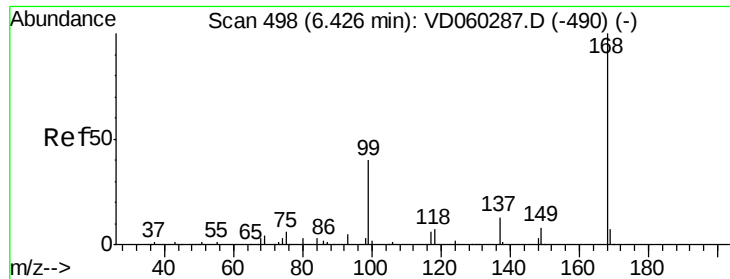
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1121SBS01

Quant Time: Nov 21 14:00:10 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D110618S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 19 16:31:59 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.79 | 180  | 337705   | 20.82 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.88 | 225  | 243013   | 20.03 | ug/l  | 98       |
| 95) Naphthalene            | 14.97 | 128  | 381357   | 19.26 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.12 | 180  | 257823   | 19.84 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

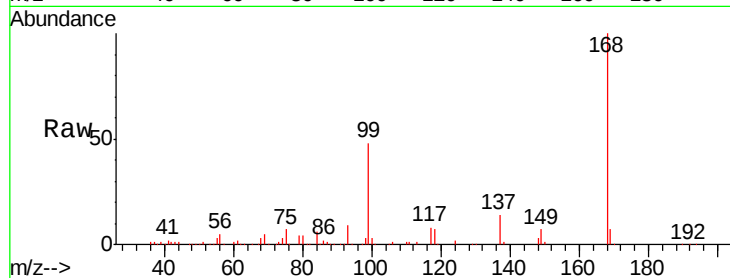
VD1121SBS01

Tgt Ion:168 Resp: 1370900

Ion Ratio Lower Upper

168 100

99 47.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

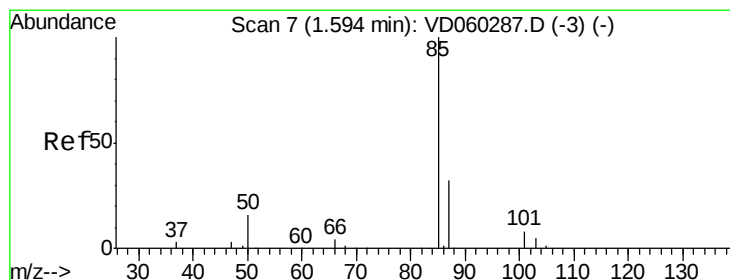
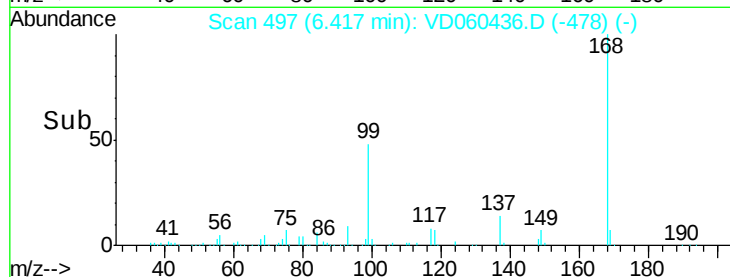
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.65 ug/l

RT: 1.60 min Scan# 7

Delta R.T. 0.00 min

Lab File: VD060436.D

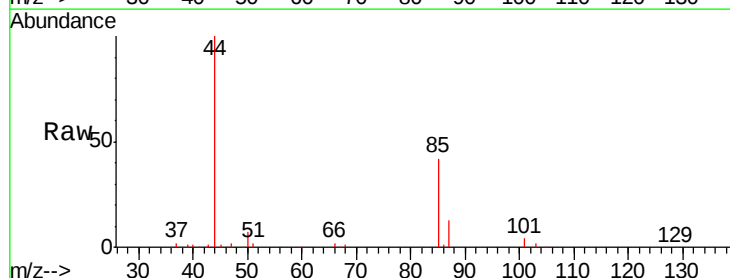
Acq: 21 Nov 2018 12:16

Tgt Ion: 85 Resp: 270472

Ion Ratio Lower Upper

85 100

87 31.6 16.8 50.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.60

120000

100000

80000

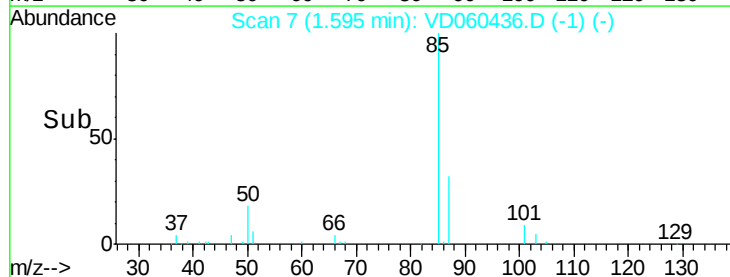
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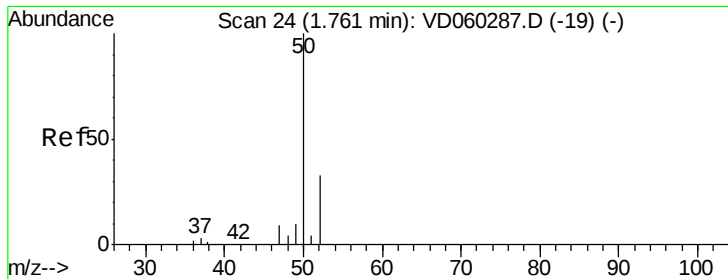
40000

20000

0

Time-->





#3

Chloromethane

Concen: 20.30 ug/l

RT: 1.76 min Scan# 24

Delta R.T. 0.00 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

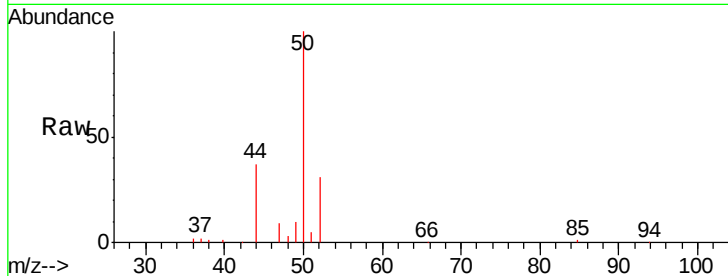
VD1121SBS01

Tgt Ion: 50 Resp: 263651

Ion Ratio Lower Upper

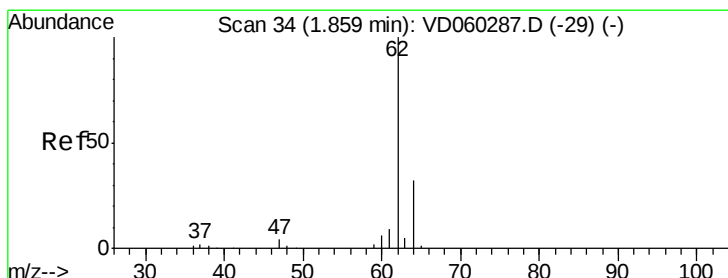
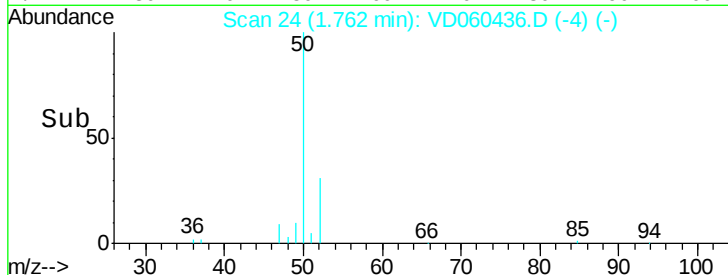
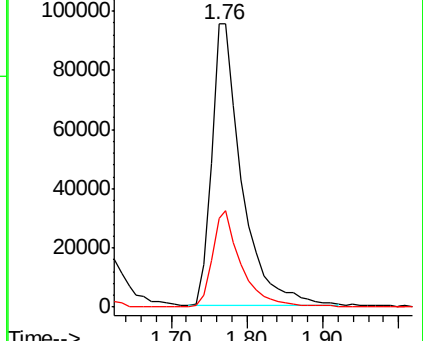
50 100

52 31.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.39 ug/l

RT: 1.86 min Scan# 34

Delta R.T. 0.00 min

Lab File: VD060436.D

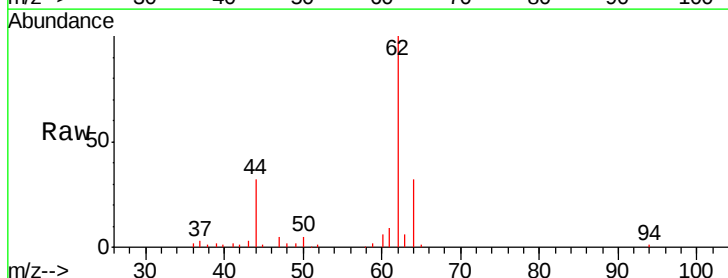
Acq: 21 Nov 2018 12:16

Tgt Ion: 62 Resp: 216243

Ion Ratio Lower Upper

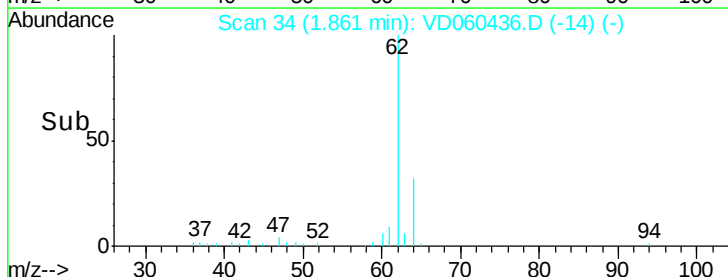
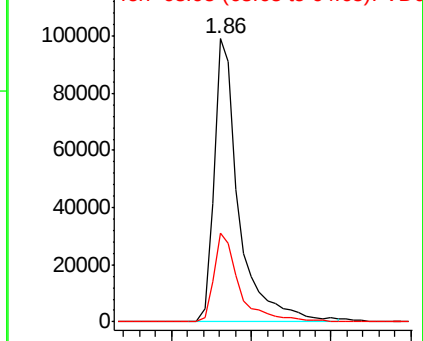
62 100

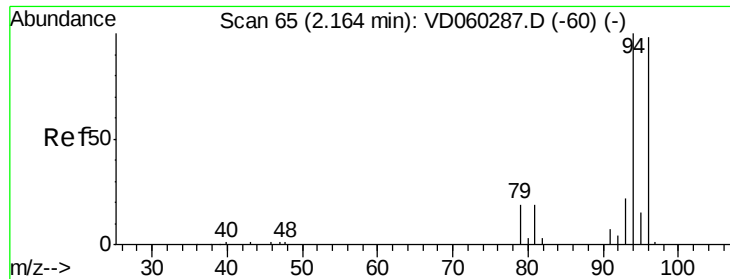
64 31.6 24.9 37.3



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

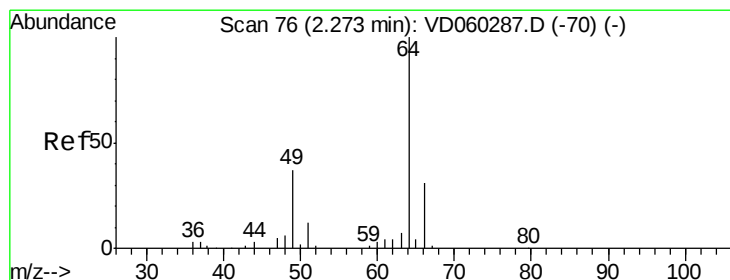
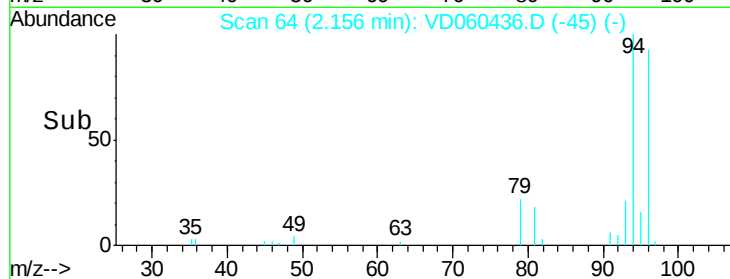
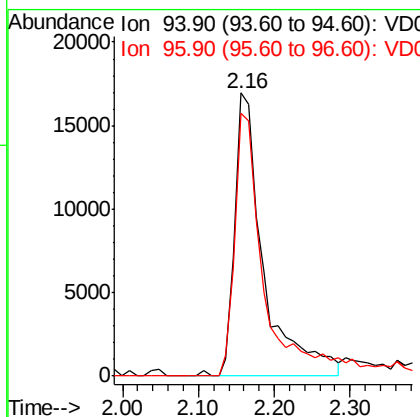
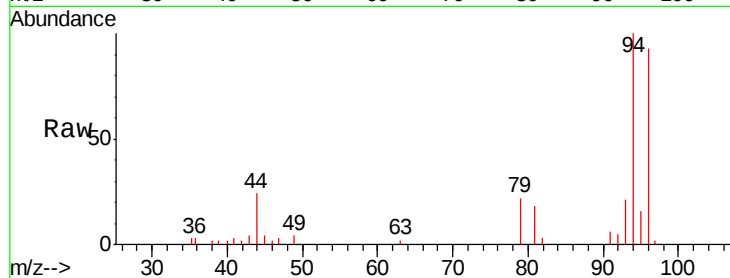




#5  
Bromomethane  
Concen: 17.74 ug/l  
RT: 2.16 min Scan# 64  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

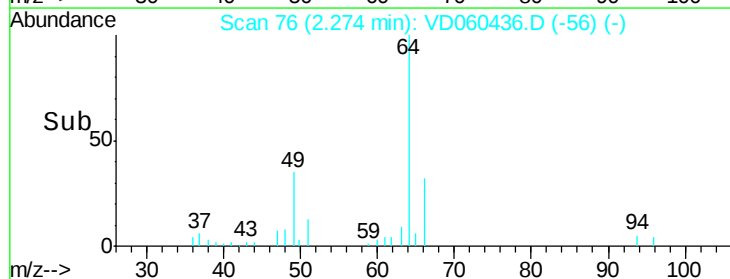
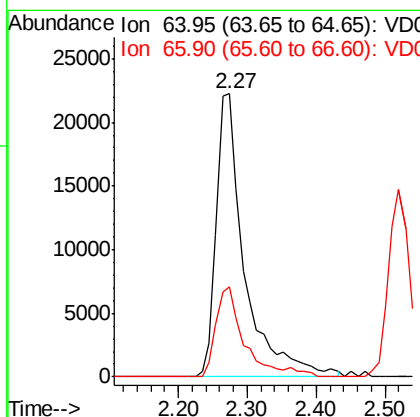
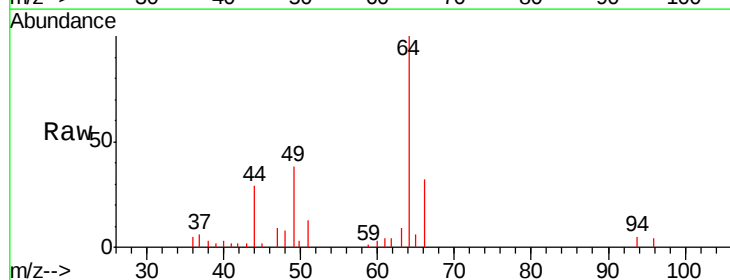
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1121SBS01

Tgt Ion: 94 Resp: 44646  
Ion Ratio Lower Upper  
94 100  
96 92.9 76.6 114.8



#6  
Chloroethane  
Concen: 17.95 ug/l  
RT: 2.27 min Scan# 76  
Delta R.T. 0.00 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

Tgt Ion: 64 Resp: 63154  
Ion Ratio Lower Upper  
64 100  
66 32.0 26.6 40.0



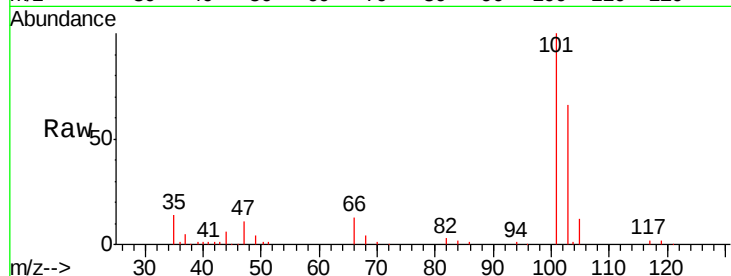


#7

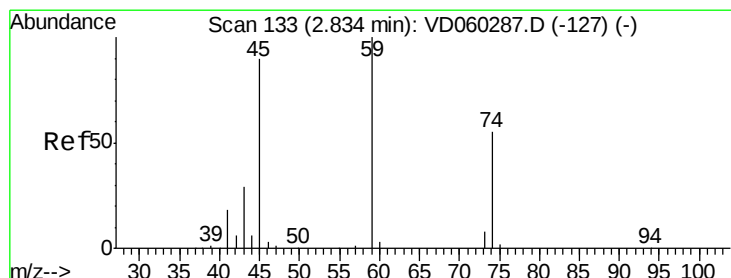
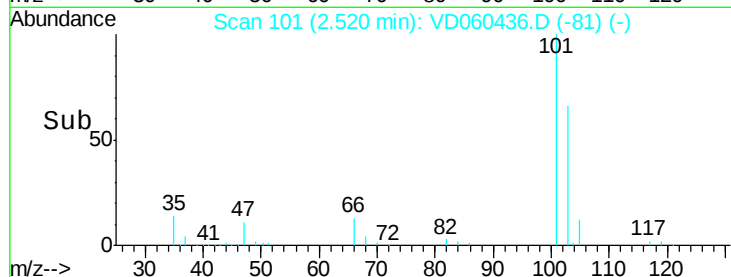
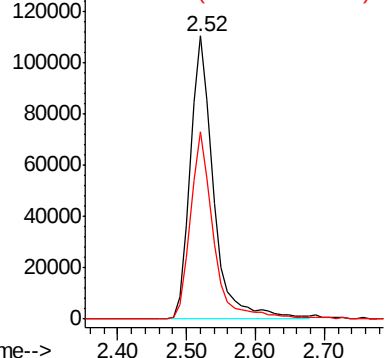
Trichlorofluoromethane  
 Concen: 20.72 ug/l  
 RT: 2.52 min Scan# 101  
 Delta R.T. 0.00 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1121SBS01

Tgt Ion: 101 Resp: 259071  
 Ion Ratio Lower Upper  
 101 100  
 103 66.2 53.6 80.4



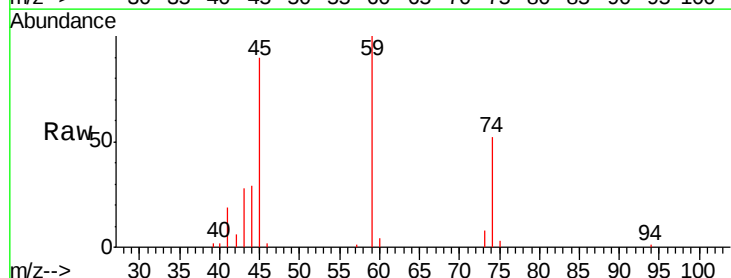
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



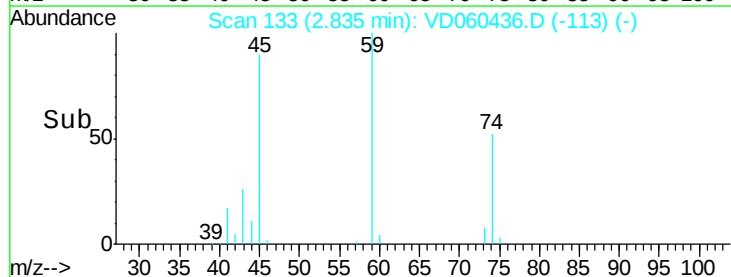
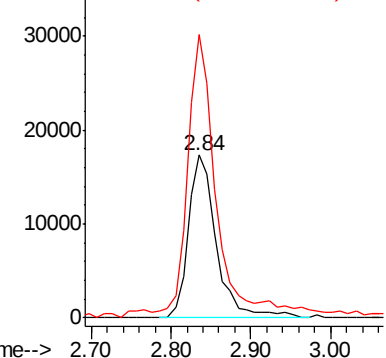
#8

Diethyl Ether  
 Concen: 18.87 ug/l  
 RT: 2.84 min Scan# 133  
 Delta R.T. 0.00 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

Tgt Ion: 74 Resp: 42718  
 Ion Ratio Lower Upper  
 74 100  
 45 173.7 84.8 254.4



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: 21.63 ug/l

RT: 3.10 min Scan# 160

Delta R.T. 0.00 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

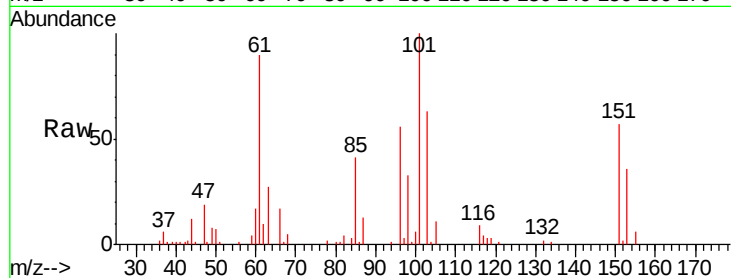
Tgt Ion:101 Resp: 177860

Ion Ratio Lower Upper

101 100

85 41.5 31.4 47.0

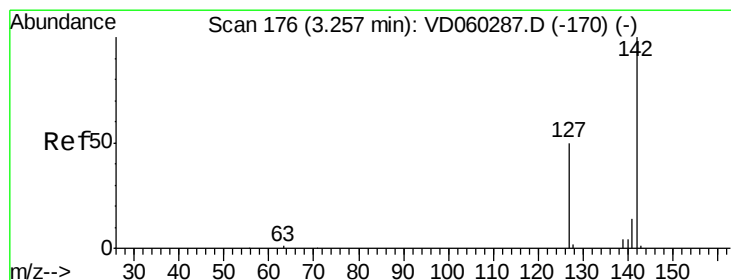
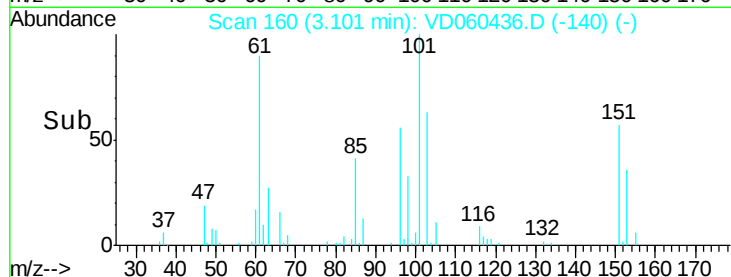
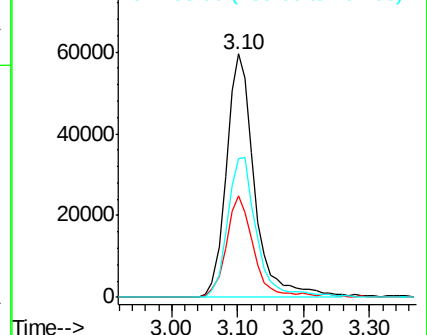
151 57.2 47.4 71.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 17.13 ug/l

RT: 3.26 min Scan# 176

Delta R.T. 0.00 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

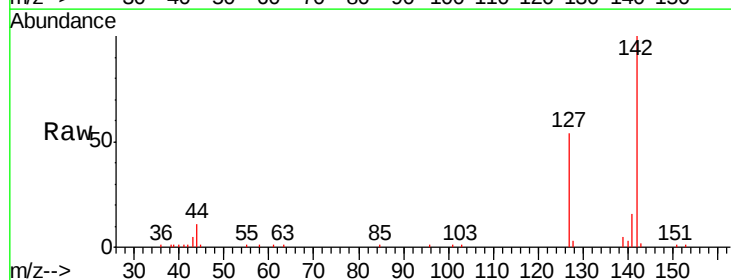
Tgt Ion:142 Resp: 182986

Ion Ratio Lower Upper

142 100

127 54.0 41.0 61.6

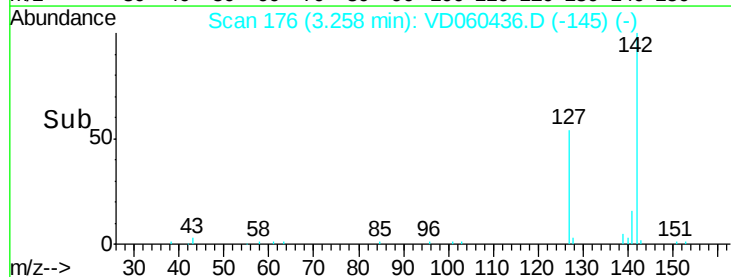
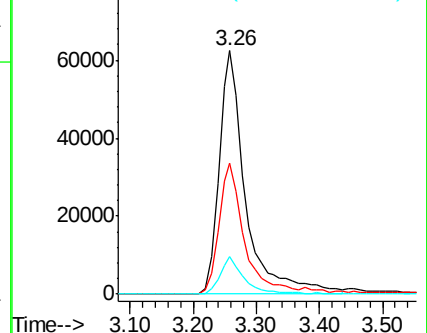
141 15.5 11.9 17.9

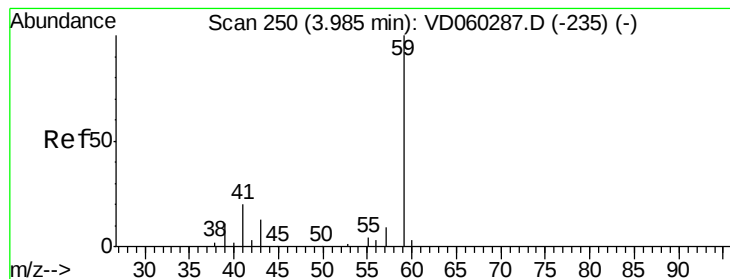


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 92.02 ug/l

RT: 3.98 min Scan# 249

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

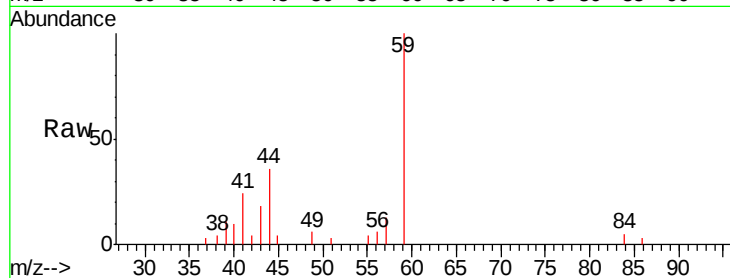
VD1121SBS01

Tgt Ion: 59 Resp: 37092

Ion Ratio Lower Upper

59 100

57 12.6 9.3 13.9



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

30000

25000

20000

15000

10000

5000

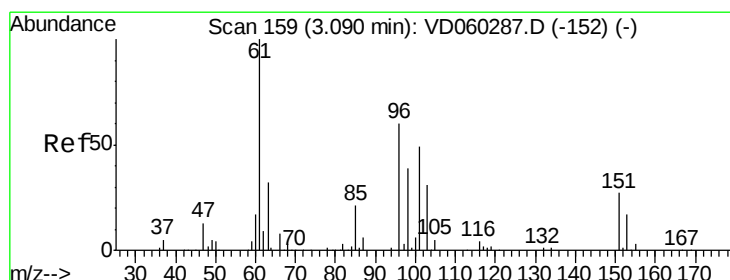
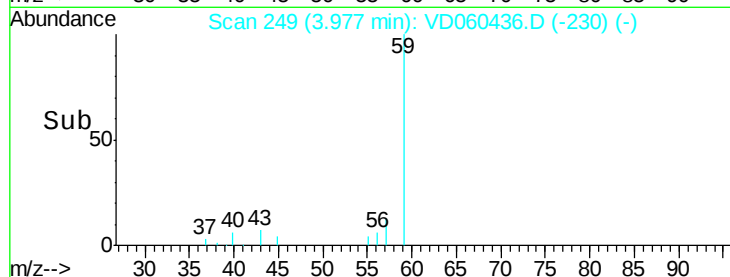
0

3.90

4.00

4.10

Time-->



#12

1,1-Dichloroethene

Concen: 20.70 ug/l

RT: 3.08 min Scan# 158

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

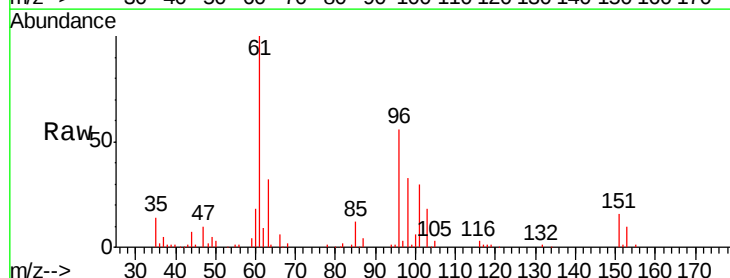
Tgt Ion: 96 Resp: 138466

Ion Ratio Lower Upper

96 100

61 179.3 142.2 213.4

98 59.8 52.6 79.0



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

120000

100000

80000

60000

40000

20000

0

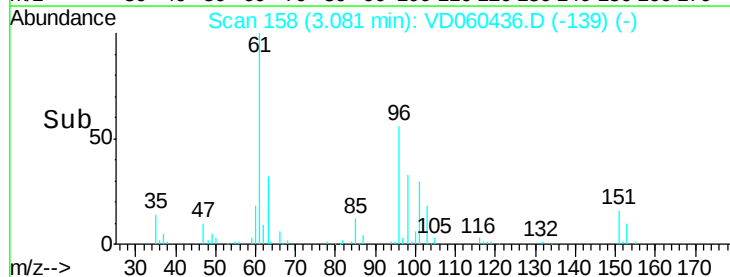
3.00

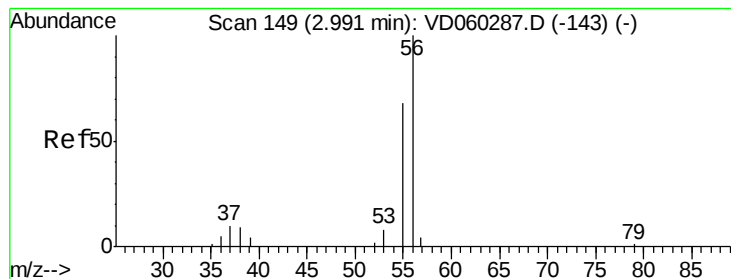
3.10

3.20

3.30

Time-->





#13

Acrolein

Concen: 68.33 ug/l

RT: 2.99 min Scan# 149

Delta R.T. 0.00 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

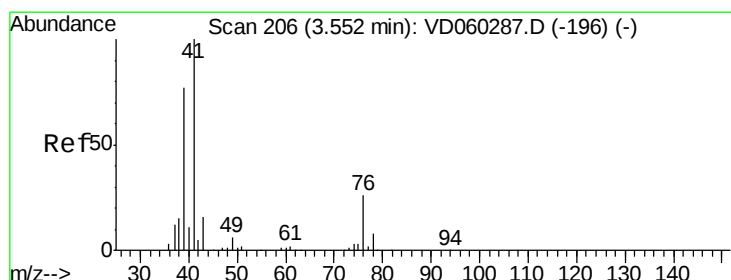
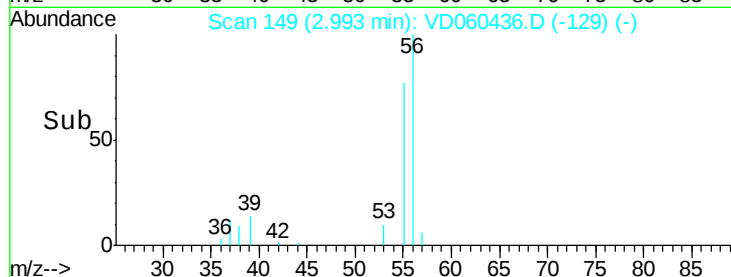
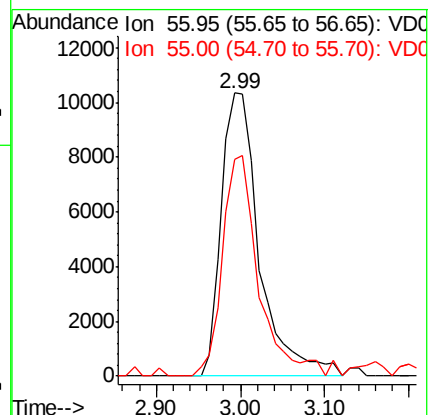
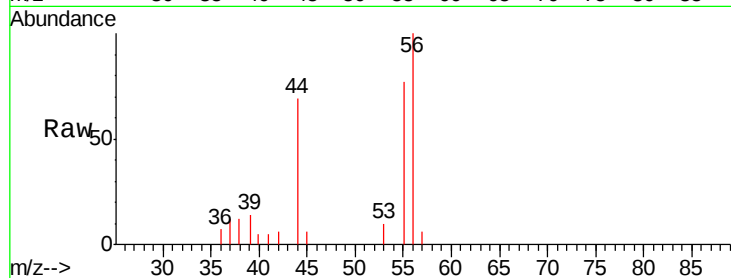
VD1121SBS01

Tgt Ion: 56 Resp: 32542

Ion Ratio Lower Upper

56 100

55 76.7 57.0 85.6



#14

Allyl chloride

Concen: 19.81 ug/l

RT: 3.54 min Scan# 205

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

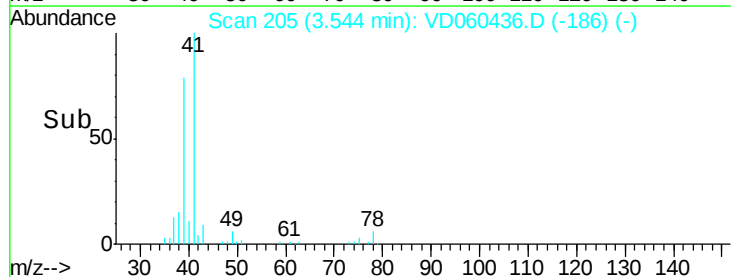
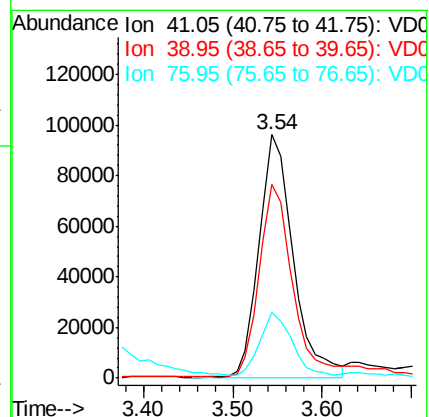
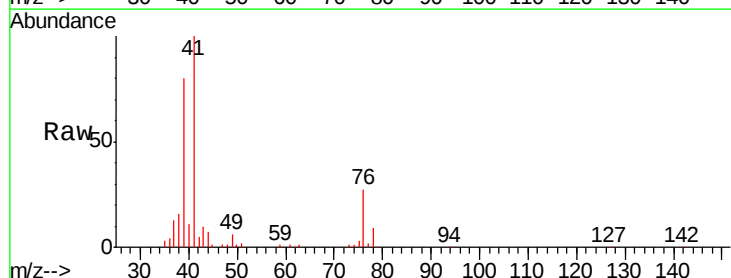
Tgt Ion: 41 Resp: 253540

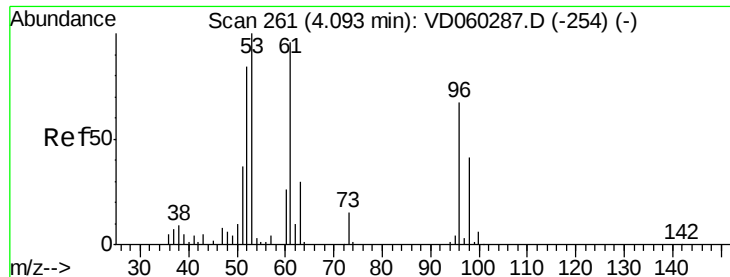
Ion Ratio Lower Upper

41 100

39 79.6 60.4 90.6

76 27.1 21.8 32.8





#15

Acrylonitrile

Concen: 98.93 ug/l

RT: 4.09 min Scan# 261

Delta R.T. 0.00 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1121SBS01

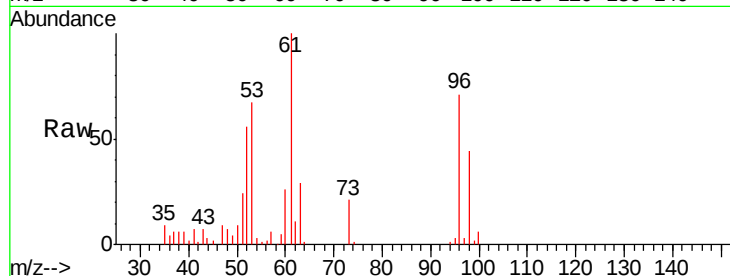
Tgt Ion: 53 Resp: 232533

Ion Ratio Lower Upper

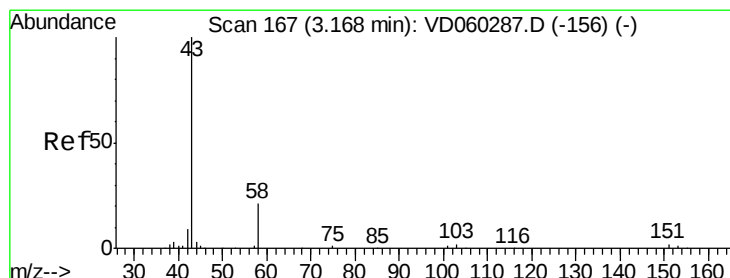
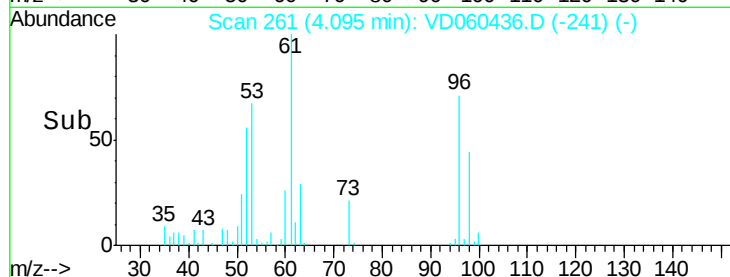
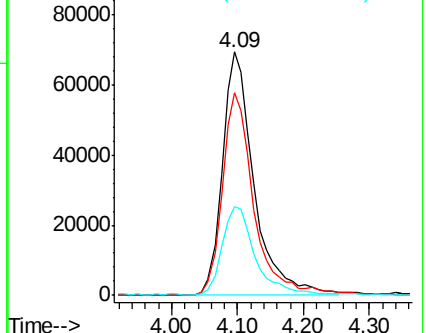
53 100

52 83.4 67.0 100.4

51 36.4 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC  
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 102.02 ug/l

RT: 3.17 min Scan# 167

Delta R.T. 0.00 min

Lab File: VD060436.D

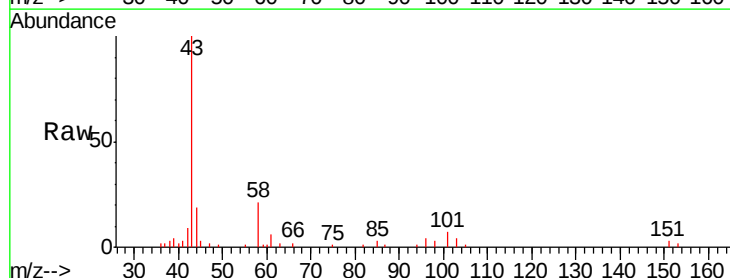
Acq: 21 Nov 2018 12:16

Tgt Ion: 43 Resp: 173711

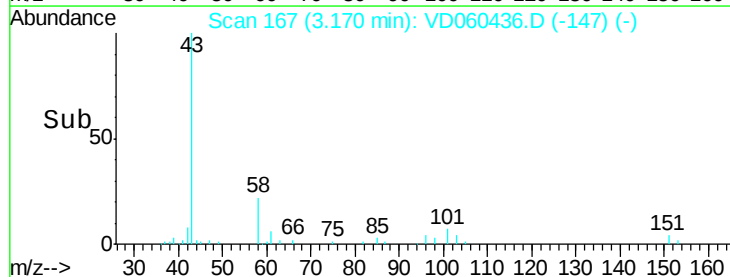
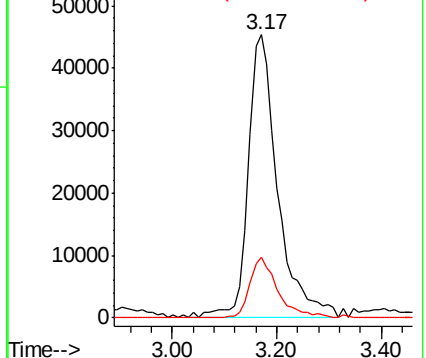
Ion Ratio Lower Upper

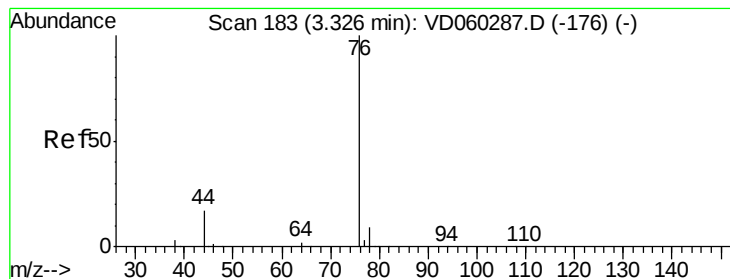
43 100

58 21.4 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 18.67 ug/l

RT: 3.33 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

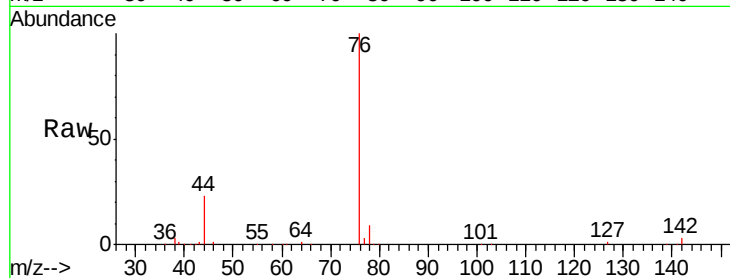
VD1121SBS01

Tgt Ion: 76 Resp: 403031

Ion Ratio Lower Upper

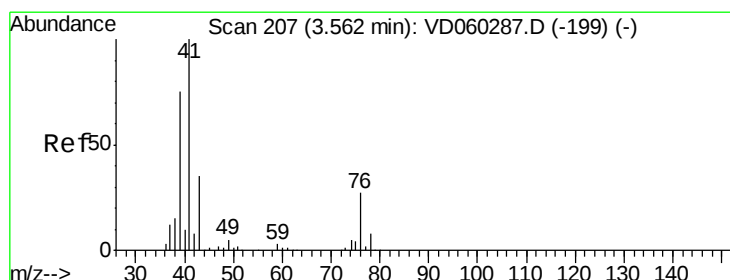
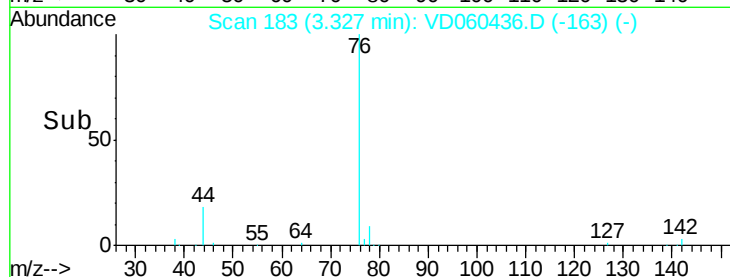
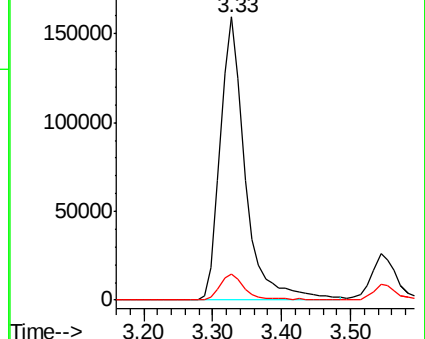
76 100

78 9.3 7.0 10.4



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 18.89 ug/l

RT: 3.56 min Scan# 207

Delta R.T. 0.00 min

Lab File: VD060436.D

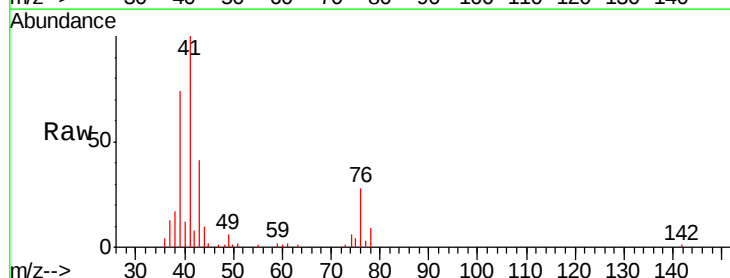
Acq: 21 Nov 2018 12:16

Tgt Ion: 43 Resp: 68594

Ion Ratio Lower Upper

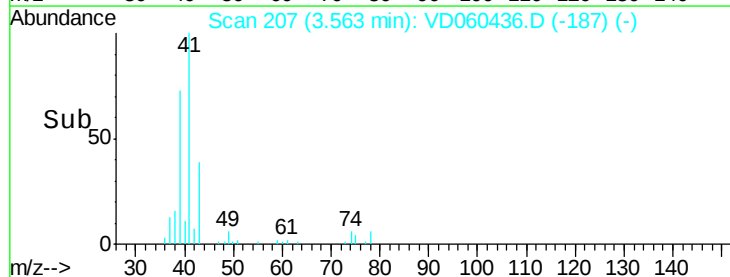
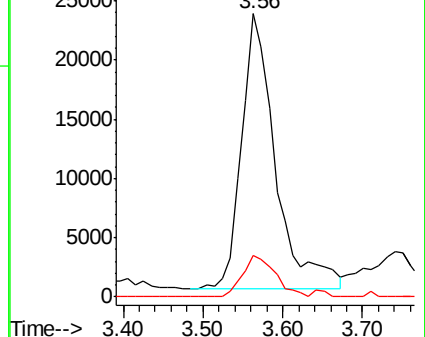
43 100

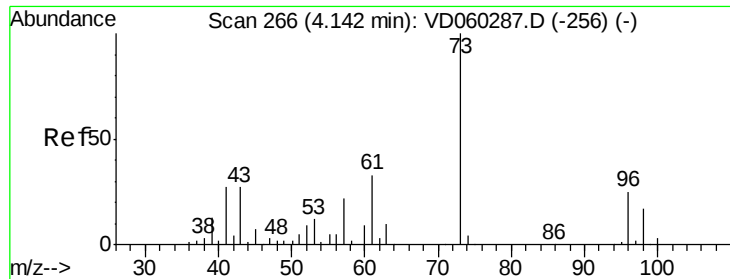
74 14.4 12.4 18.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

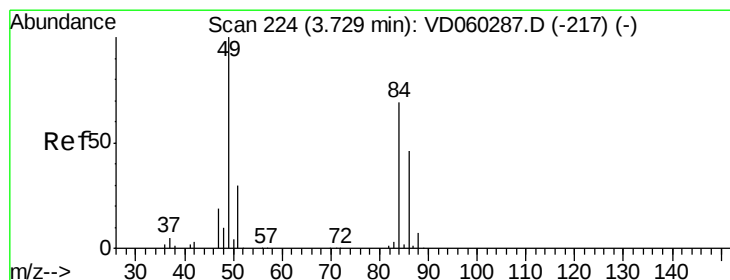
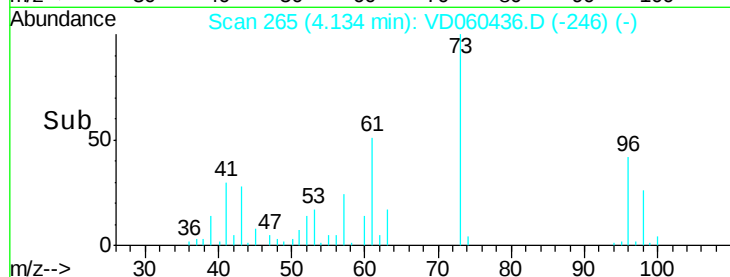
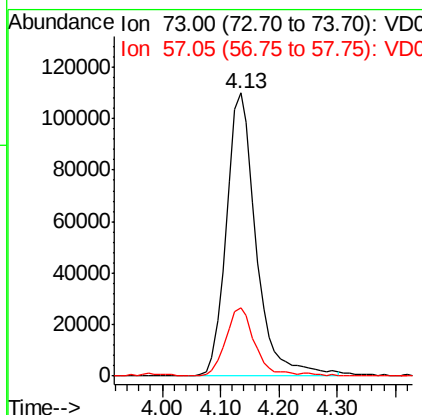
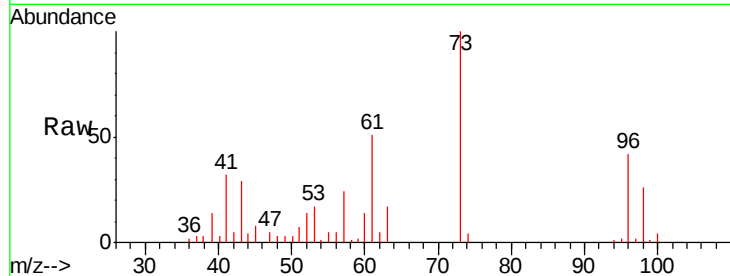




#19  
Methyl tert-butyl Ether  
Concen: 19.39 ug/l  
RT: 4.13 min Scan# 265  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

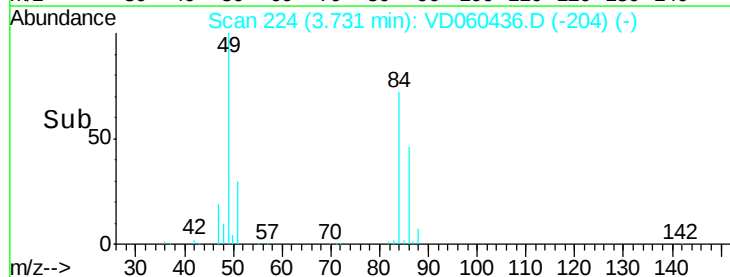
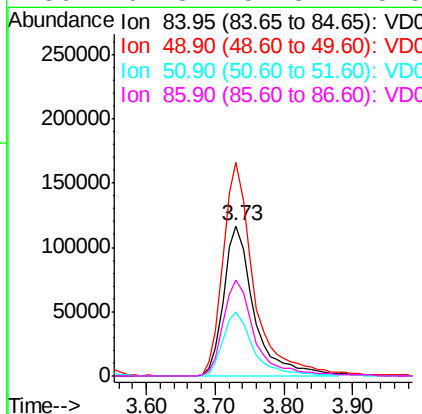
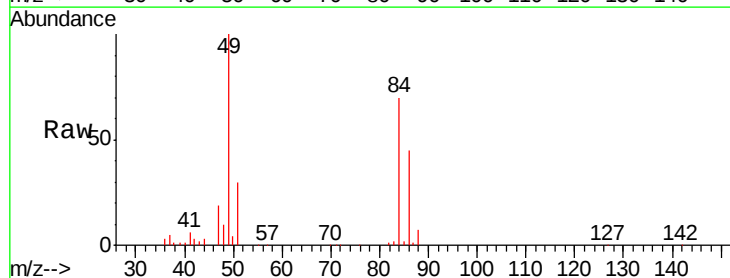
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1121SBS01

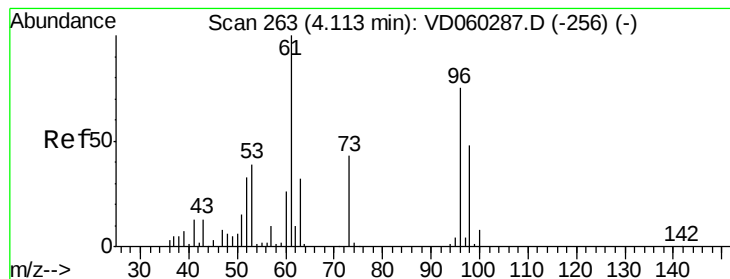
Tgt Ion: 73 Resp: 388473  
Ion Ratio Lower Upper  
73 100  
57 24.2 18.1 27.1



#20  
Methylene Chloride  
Concen: 23.62 ug/l  
RT: 3.73 min Scan# 224  
Delta R.T. 0.00 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

Tgt Ion: 84 Resp: 356821  
Ion Ratio Lower Upper  
84 100  
49 142.4 115.6 173.4  
51 42.7 35.6 53.4  
86 64.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 21.05 ug/l

RT: 4.11 min Scan# 263

Delta R.T. 0.00 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

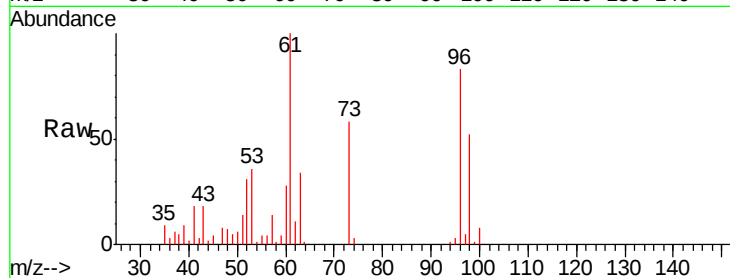
Tgt Ion: 96 Resp: 312697

Ion Ratio Lower Upper

96 100

61 121.2 105.8 158.6

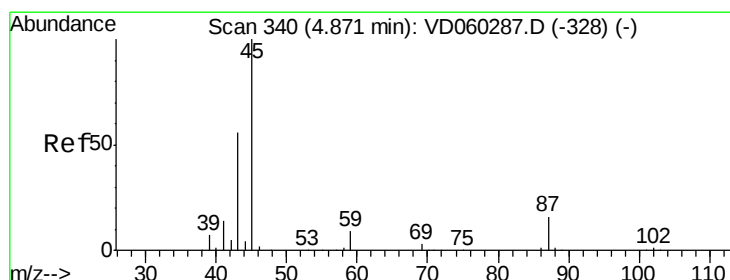
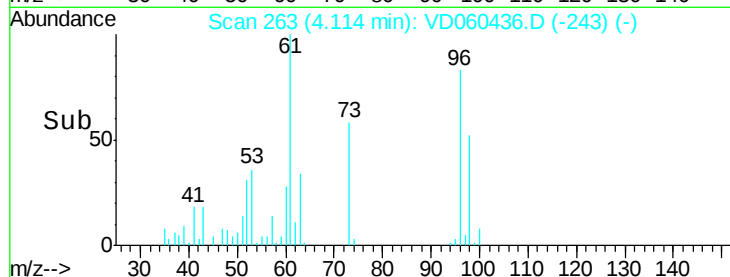
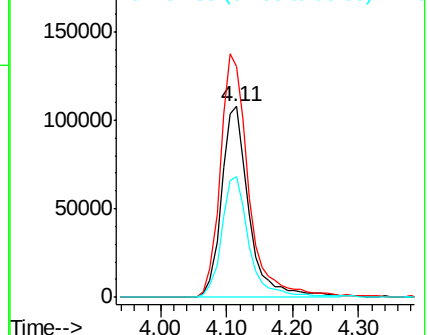
98 63.6 50.8 76.2



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: 20.15 ug/l

RT: 4.86 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Tgt Ion: 45 Resp: 963300

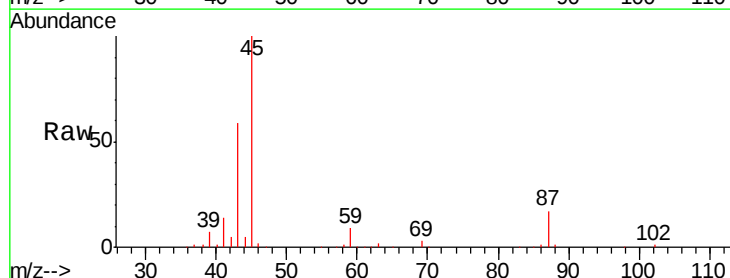
Ion Ratio Lower Upper

45 100

43 58.7 44.9 67.3

87 17.0 13.9 20.9

59 8.6 7.0 10.6

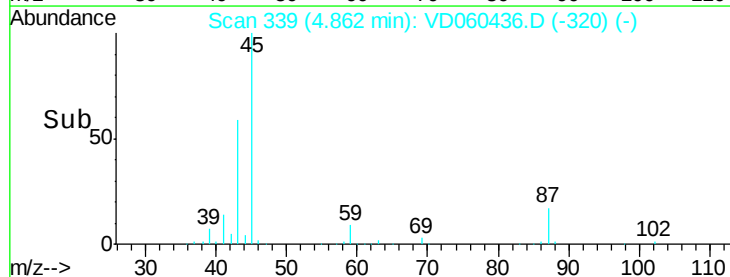
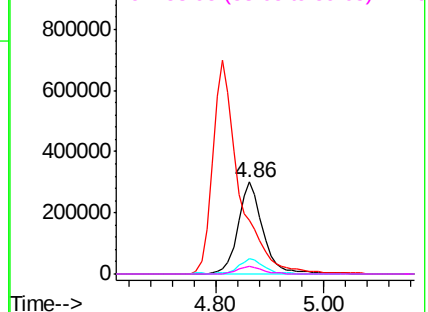


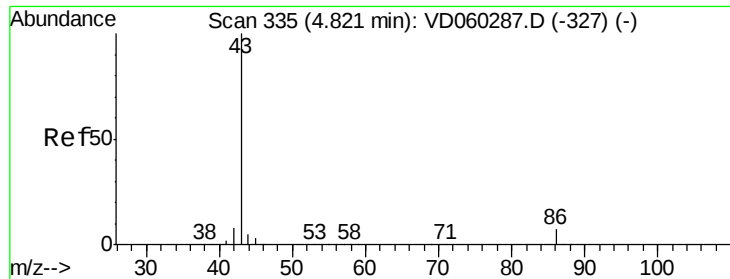
Abundance Ion 45.05 (44.75 to 45.75): VDC

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

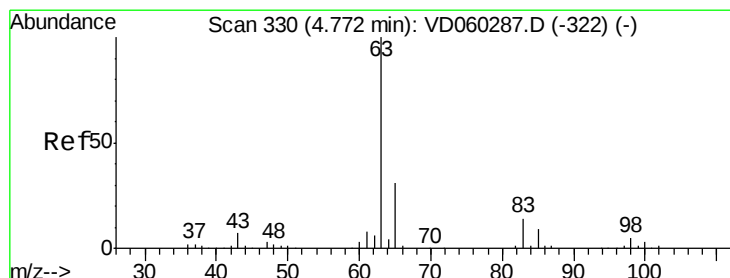
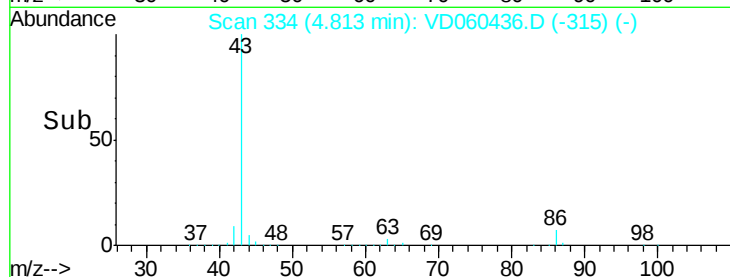
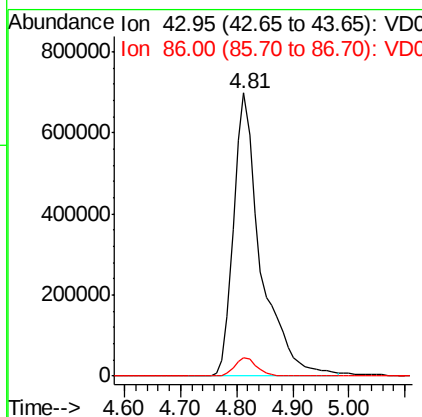
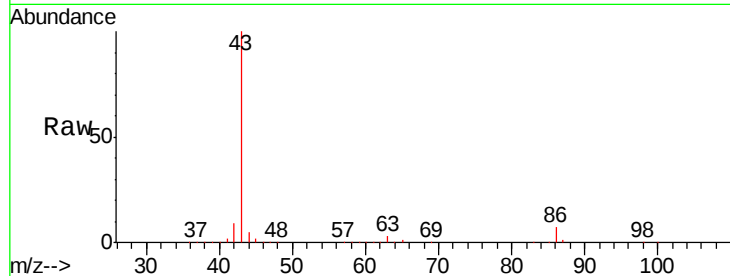




#23  
 Vinyl Acetate  
 Concen: 98.68 ug/l  
 RT: 4.81 min Scan# 334  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

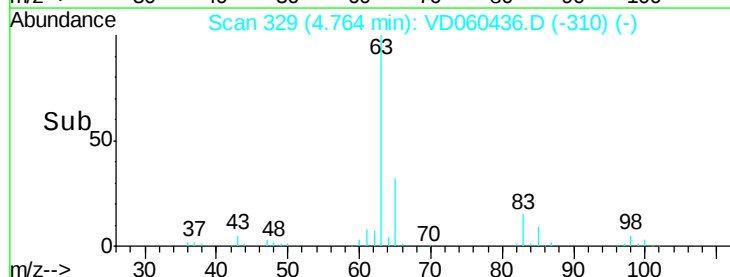
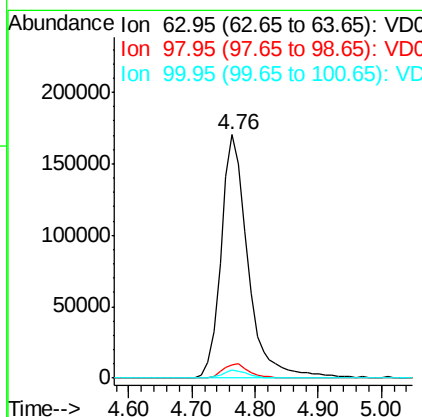
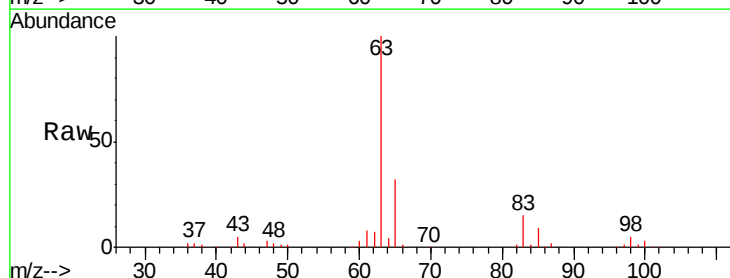
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1121SBS01

Tgt Ion: 43 Resp: 2347921  
 Ion Ratio Lower Upper  
 43 100  
 86 6.7 5.7 8.5



#24  
 1,1-Dichloroethane  
 Concen: 20.55 ug/l  
 RT: 4.76 min Scan# 329  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

Tgt Ion: 63 Resp: 503961  
 Ion Ratio Lower Upper  
 63 100  
 98 5.5 2.8 8.4  
 100 3.1 1.8 5.5





#25

2-Butanone

Concen: 94.60 ug/l

RT: 5.63 min Scan# 417

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

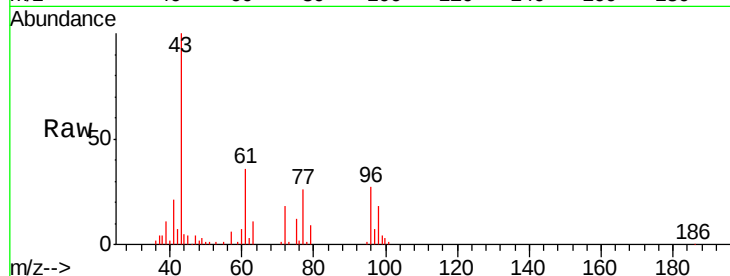
VD1121SBS01

Tgt Ion: 43 Resp: 334802

Ion Ratio Lower Upper

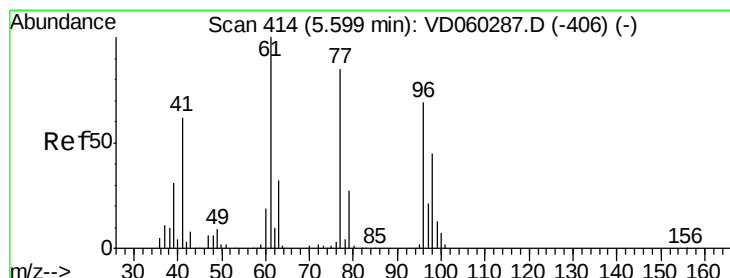
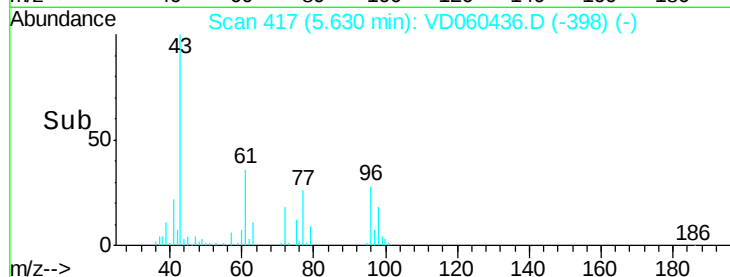
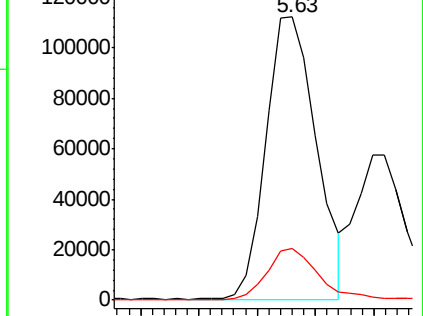
43 100

72 18.3 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.45 ug/l

RT: 5.60 min Scan# 414

Delta R.T. 0.00 min

Lab File: VD060436.D

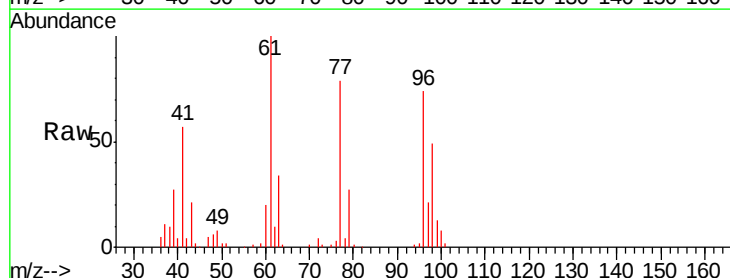
Acq: 21 Nov 2018 12:16

Tgt Ion: 77 Resp: 408989

Ion Ratio Lower Upper

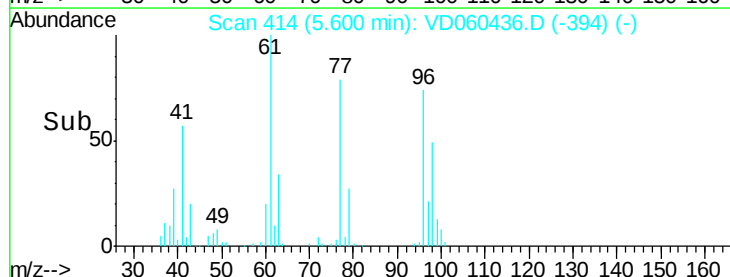
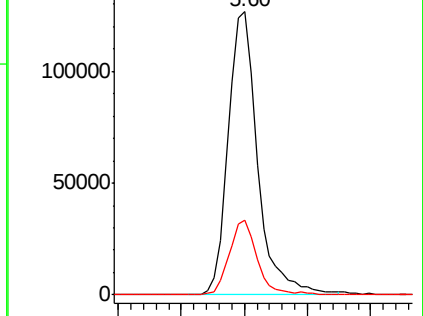
77 100

97 26.5 12.6 37.8



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

cis-1,2-Dichloroethene

Concen: 20.91 ug/l

RT: 5.60 min Scan# 414

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

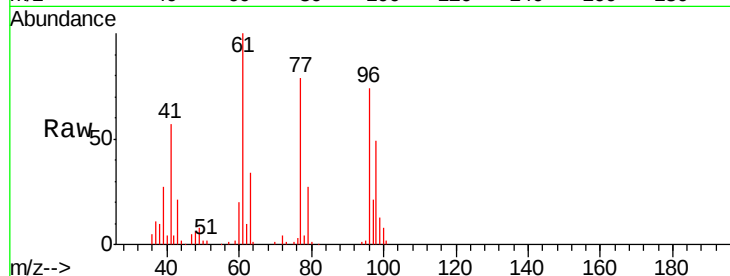
Tgt Ion: 96 Resp: 323459

Ion Ratio Lower Upper

96 100

61 135.5 0.0 259.0

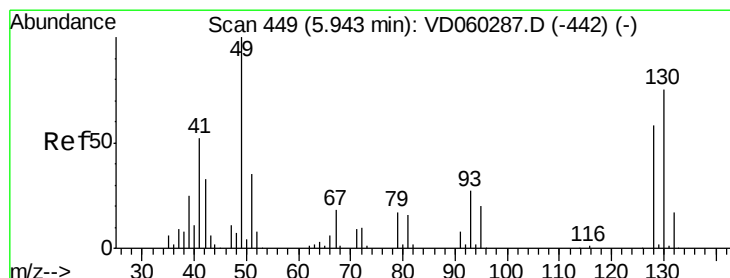
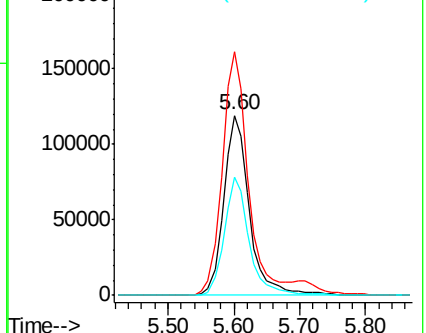
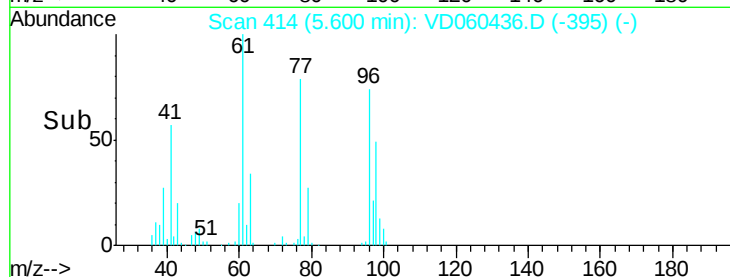
98 66.0 0.0 128.8



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



#28

Bromochloromethane

Concen: 20.79 ug/l

RT: 5.93 min Scan# 448

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

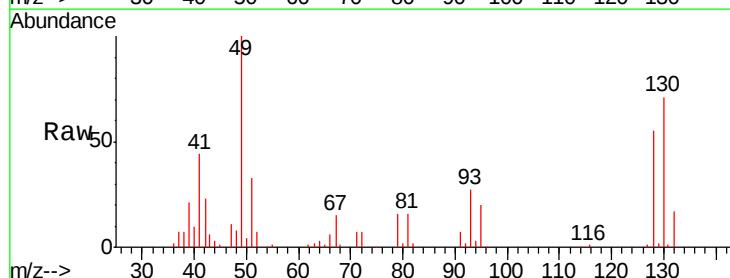
Tgt Ion: 49 Resp: 224945

Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.8

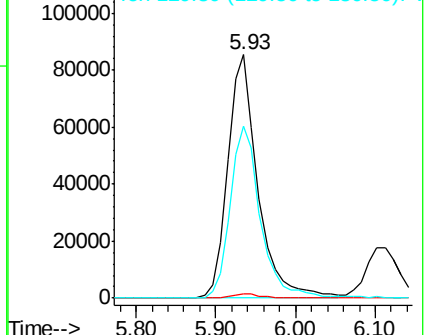
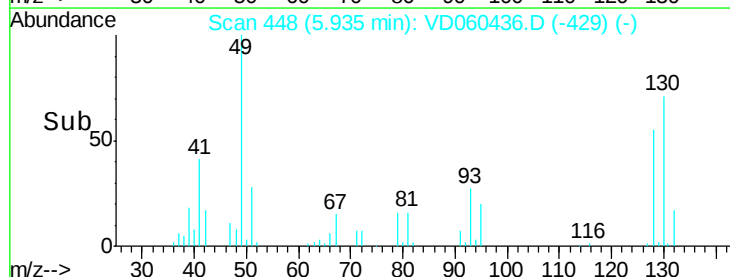
130 70.8 53.6 80.4



Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

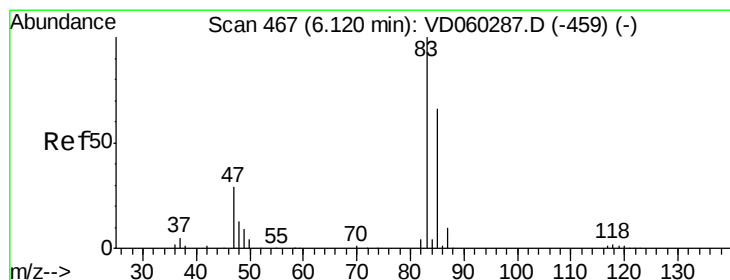
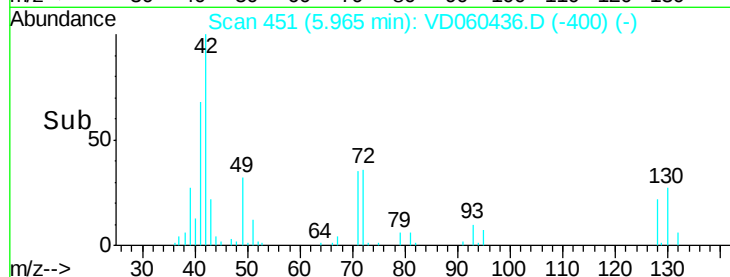
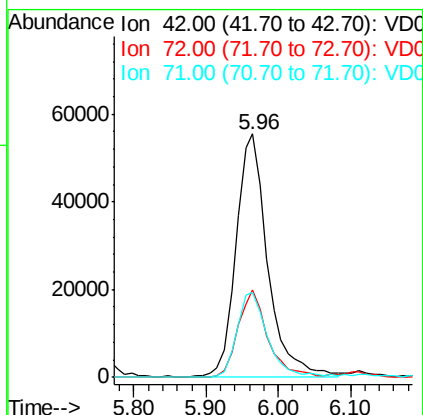
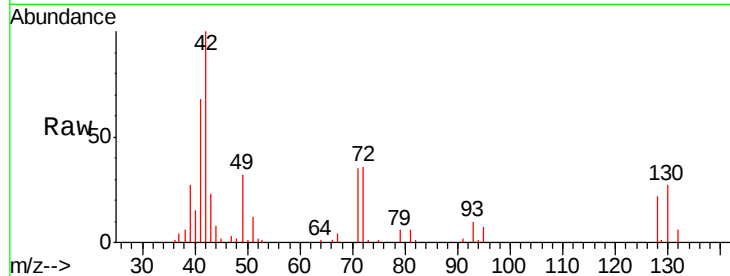




#29  
Tetrahydrofuran  
Concen: 91.37 ug/l  
RT: 5.96 min Scan# 451  
Delta R.T. 0.00 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

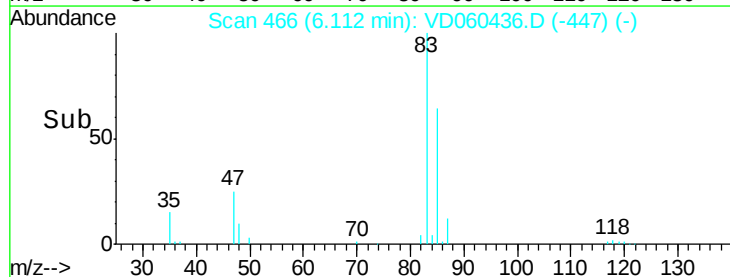
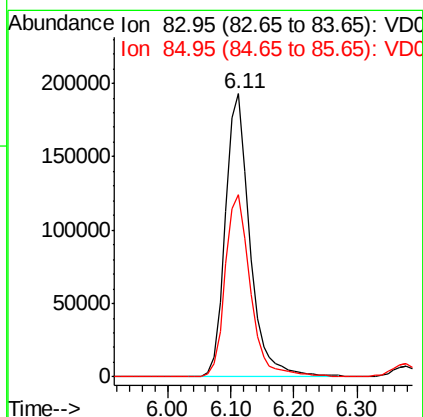
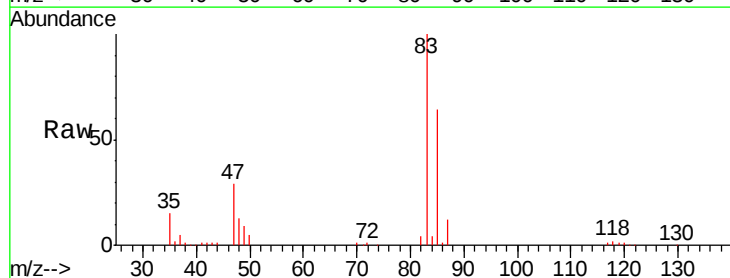
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1121SBS01

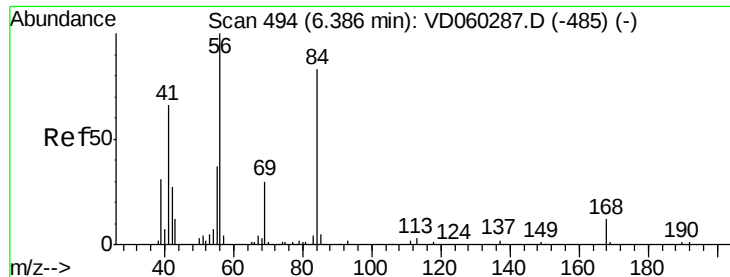
Tgt Ion: 42 Resp: 170496  
Ion Ratio Lower Upper  
42 100  
72 33.6 27.6 41.4  
71 33.6 26.5 39.7



#30  
Chloroform  
Concen: 21.19 ug/l  
RT: 6.11 min Scan# 466  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

Tgt Ion: 83 Resp: 519543  
Ion Ratio Lower Upper  
83 100  
85 64.5 52.5 78.7

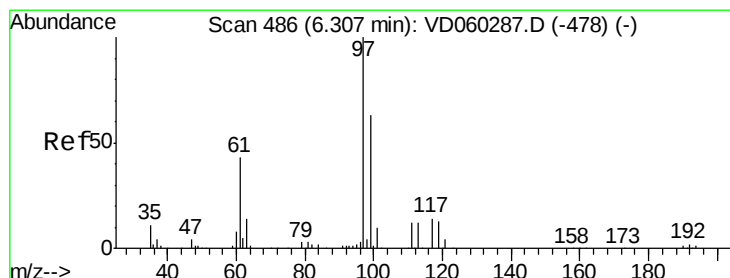
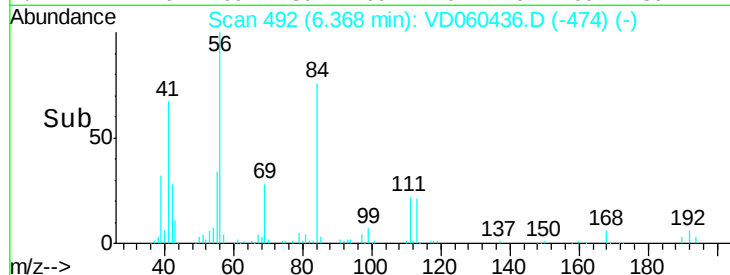
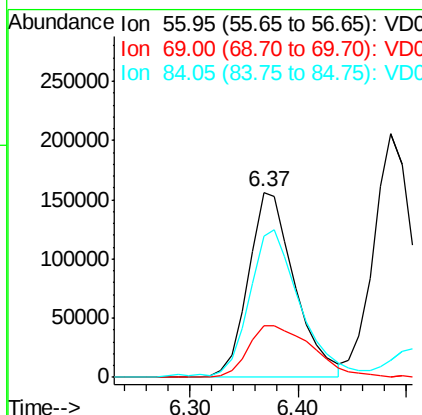
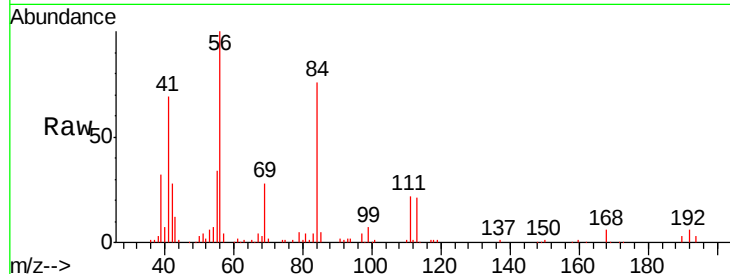




#31  
Cyclohexane  
Concen: 19.83 ug/l  
RT: 6.37 min Scan# 492  
Delta R.T. -0.02 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

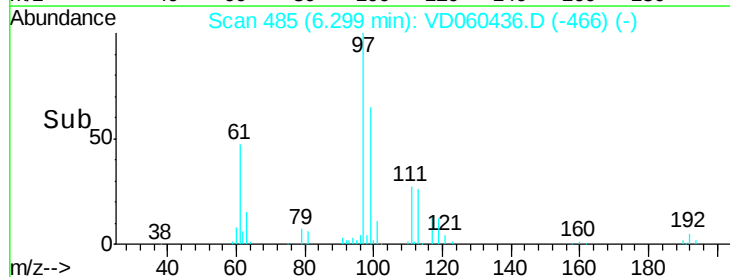
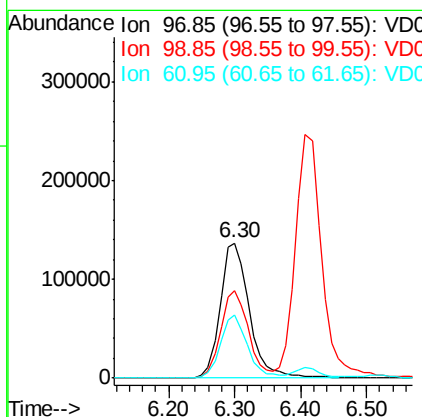
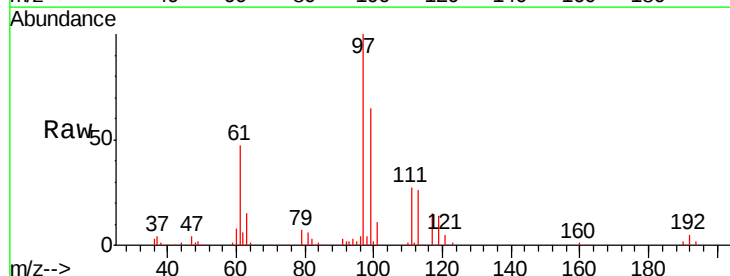
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1121SBS01

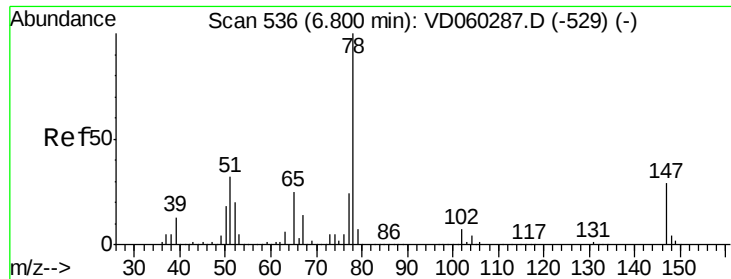
Tgt Ion: 56 Resp: 464821  
Ion Ratio Lower Upper  
56 100  
69 28.3 22.2 33.2  
84 76.5 63.0 94.4



#32  
1,1,1-Trichloroethane  
Concen: 20.43 ug/l  
RT: 6.30 min Scan# 485  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

Tgt Ion: 97 Resp: 421780  
Ion Ratio Lower Upper  
97 100  
99 65.3 51.5 77.3  
61 46.9 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 20.43 ug/l

RT: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

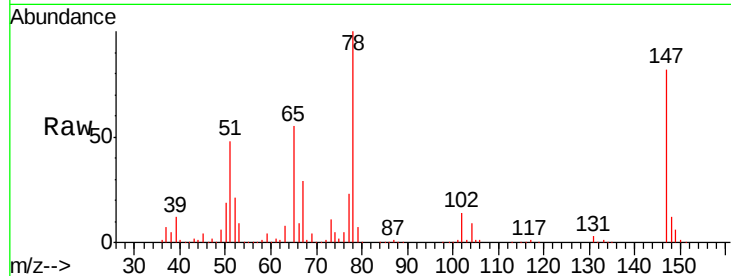
VD1121SBS01

Tgt Ion: 65 Resp: 445695

Ion Ratio Lower Upper

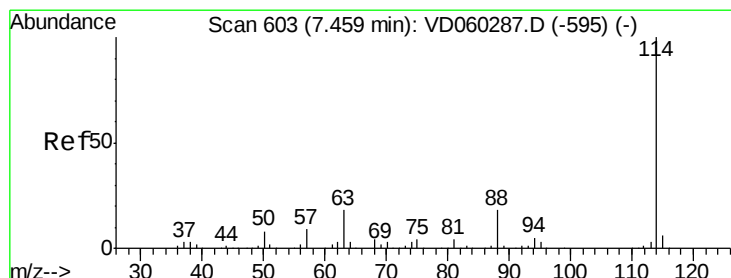
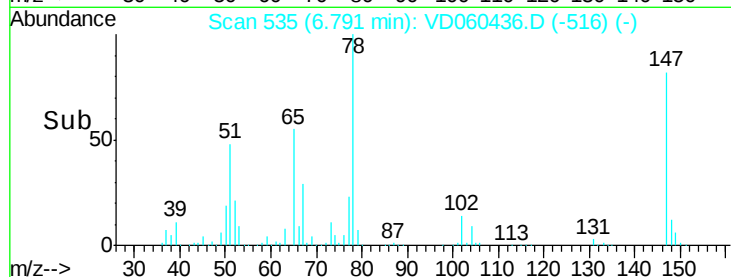
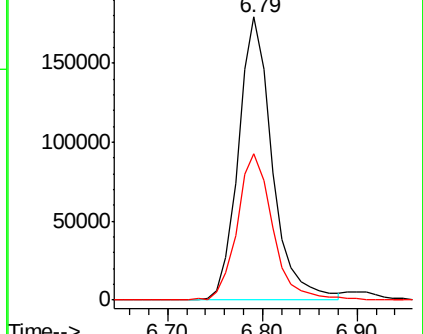
65 100

67 51.7 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.45 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

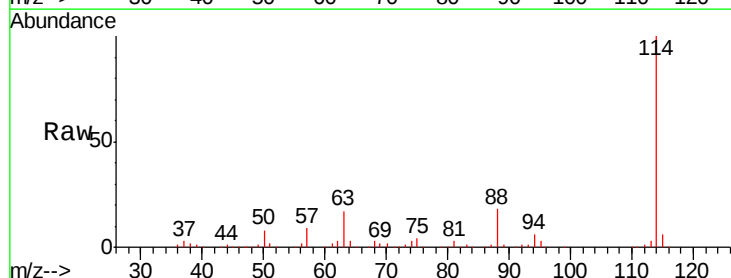
Tgt Ion: 114 Resp: 1892220

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.0

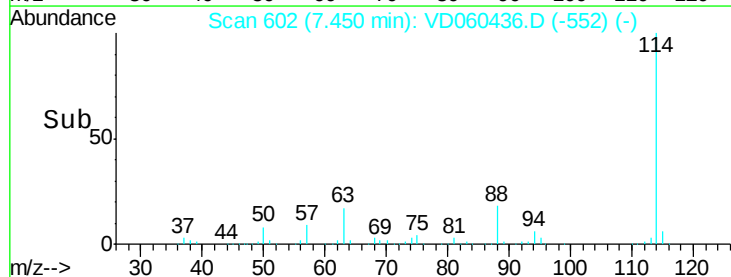
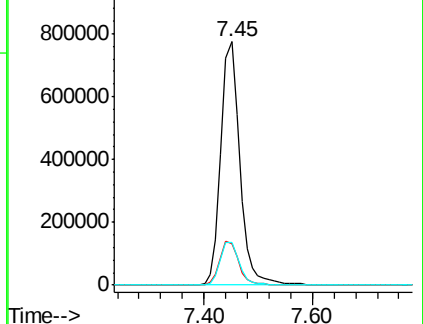
88 17.7 0.0 35.4

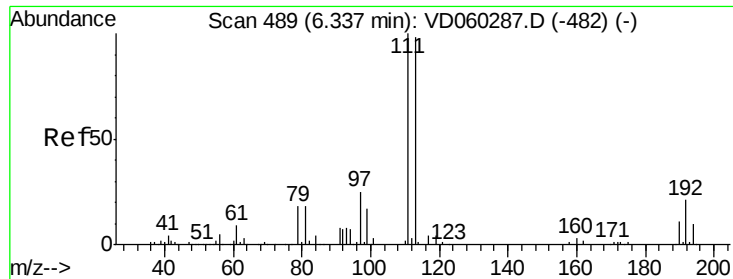


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

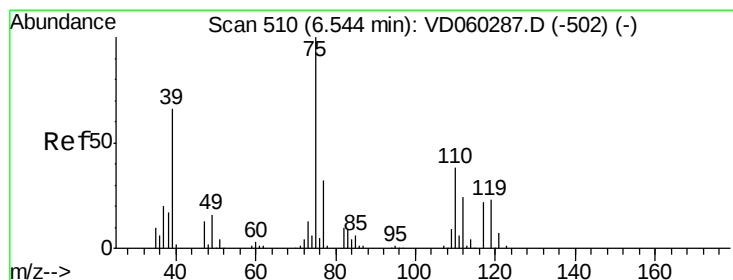
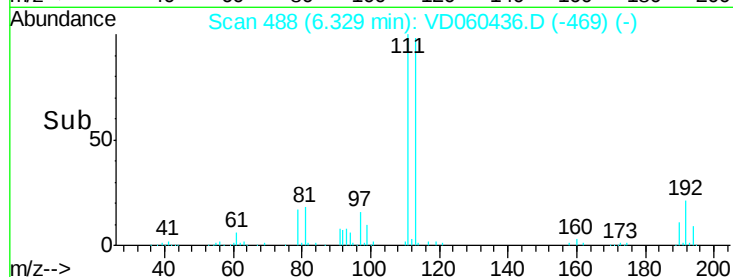
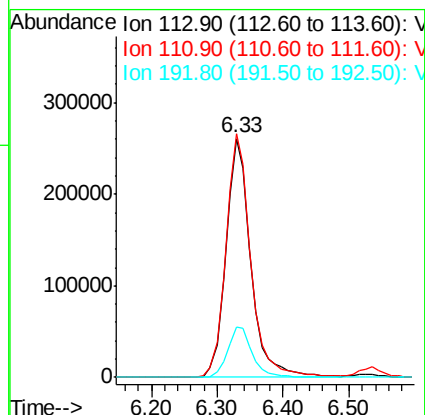
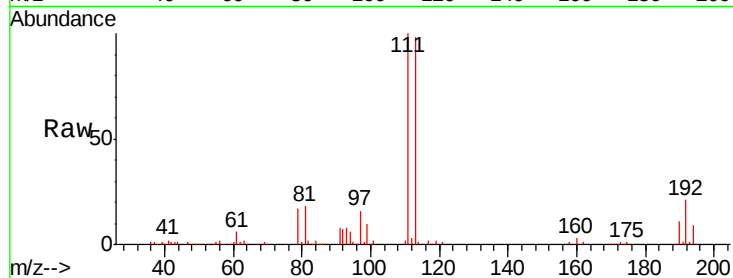




#35  
Dibromofluoromethane  
Concen: 50.00 ug/l  
RT: 6.33 min Scan# 488  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

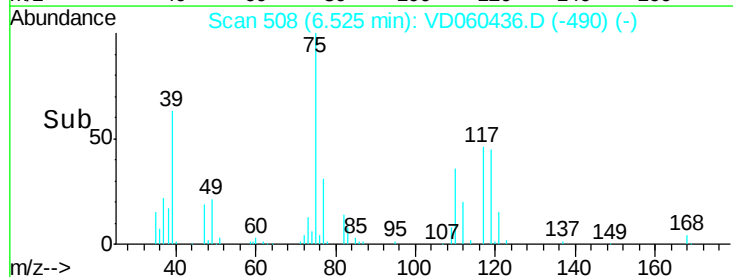
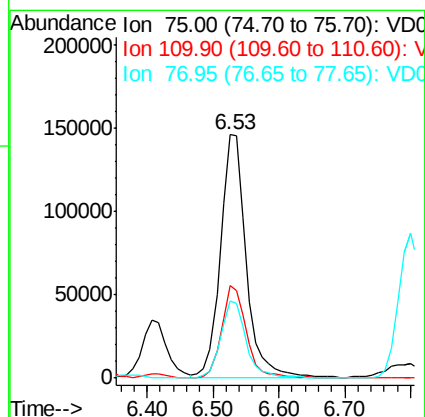
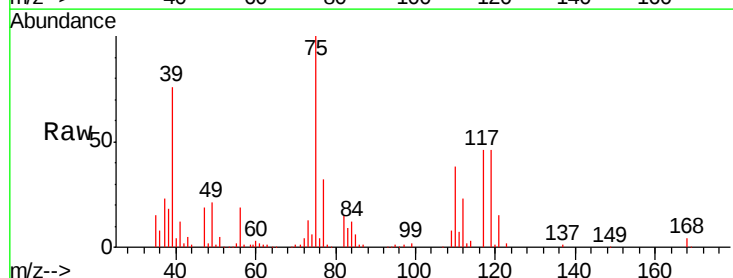
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1121SBS01

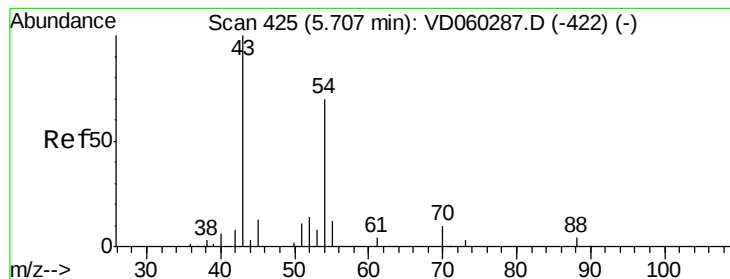
Tgt Ion: 113 Resp: 687681  
Ion Ratio Lower Upper  
113 100  
111 102.0 81.6 122.4  
192 21.2 16.5 24.7



#36  
1,1-Dichloropropene  
Concen: 21.14 ug/l  
RT: 6.53 min Scan# 508  
Delta R.T. -0.02 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

Tgt Ion: 75 Resp: 395165  
Ion Ratio Lower Upper  
75 100  
110 37.8 18.0 54.0  
77 31.7 25.6 38.4





#37

Ethyl Acetate

Concen: 20.64 ug/l

RT: 5.70 min Scan# 424

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

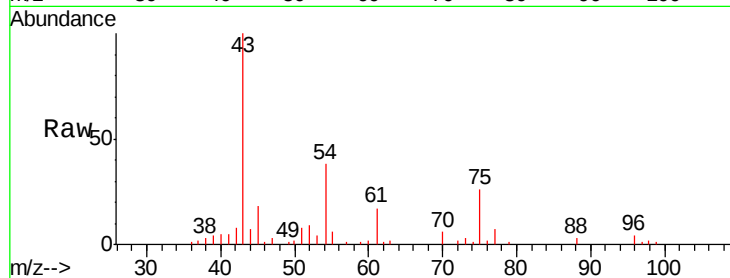
Tgt Ion: 43 Resp: 177546

Ion Ratio Lower Upper

43 100

61 16.7 11.8 17.6

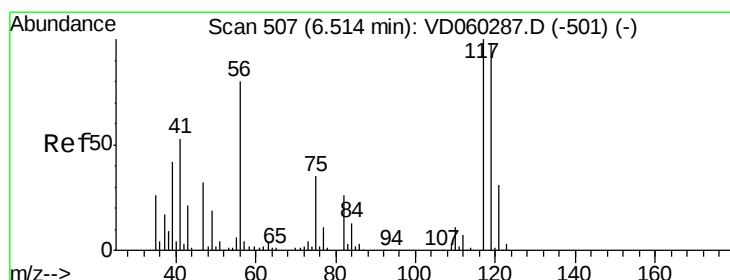
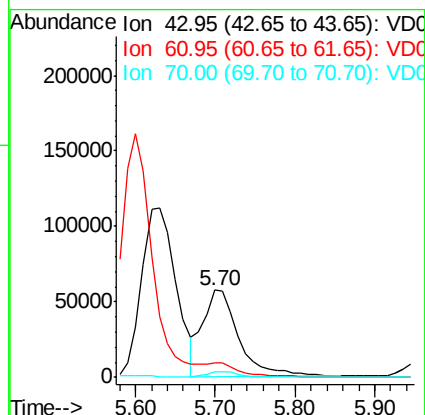
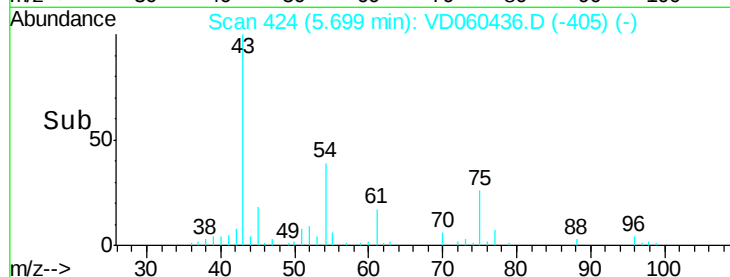
70 5.8 6.2 9.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 20.93 ug/l

RT: 6.51 min Scan# 506

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

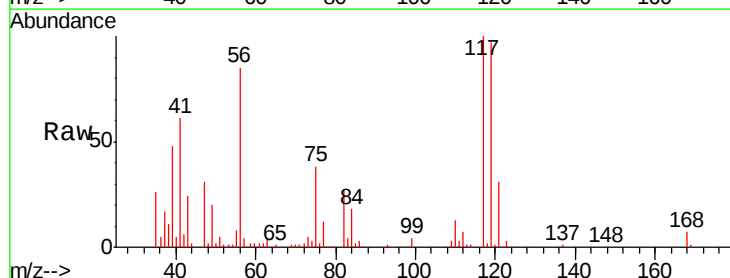
Tgt Ion: 117 Resp: 362946

Ion Ratio Lower Upper

117 100

119 97.3 76.6 115.0

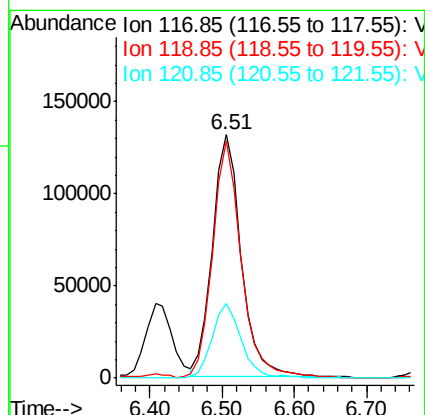
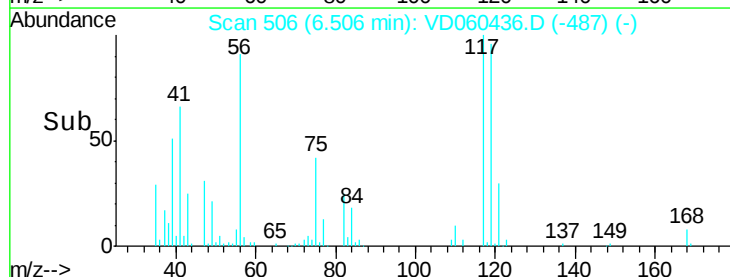
121 30.6 24.3 36.5

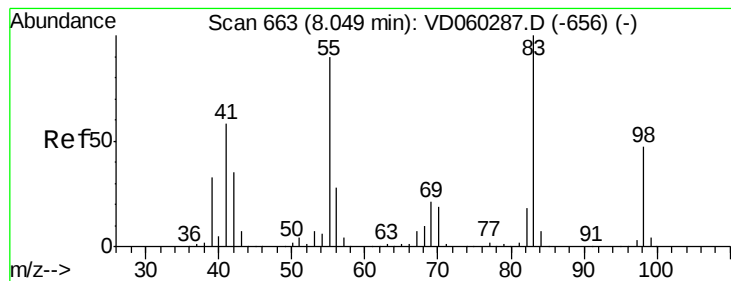


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#39

Methylcyclohexane

Concen: 20.20 ug/l

RT: 8.04 min Scan# 662

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

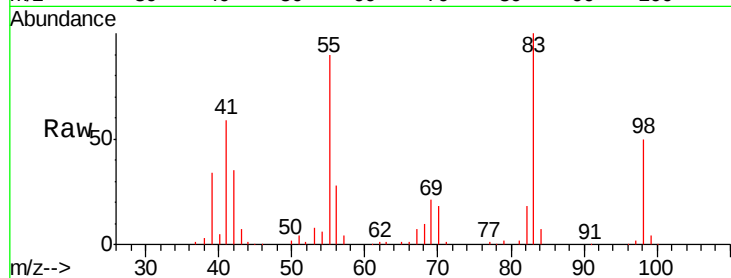
Tgt Ion: 83 Resp: 434433

Ion Ratio Lower Upper

83 100

55 89.9 71.2 106.8

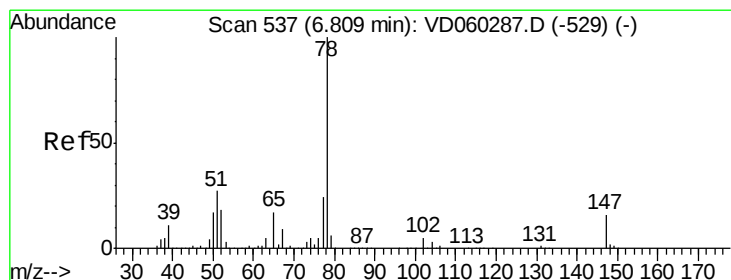
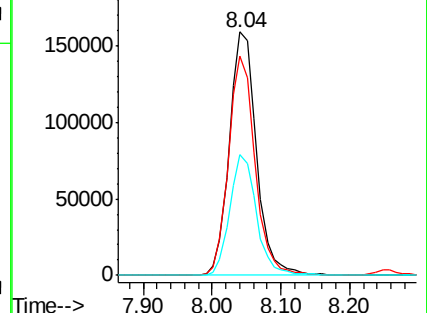
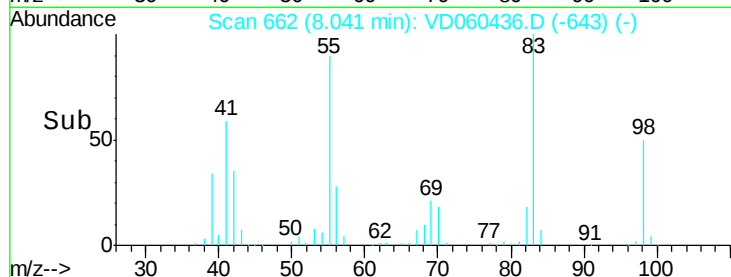
98 49.5 38.4 57.6



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 20.38 ug/l

RT: 6.80 min Scan# 536

Delta R.T. -0.01 min

Lab File: VD060436.D

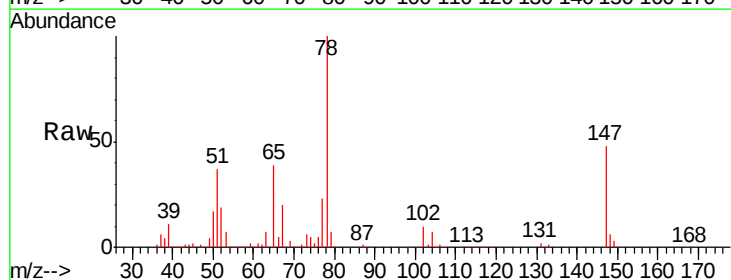
Acq: 21 Nov 2018 12:16

Tgt Ion: 78 Resp: 972598

Ion Ratio Lower Upper

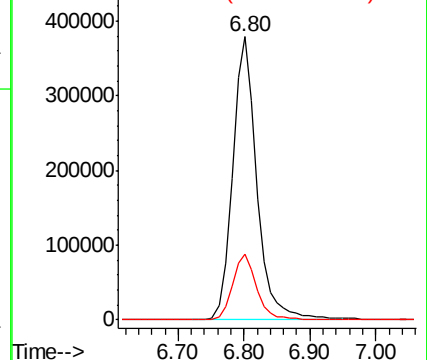
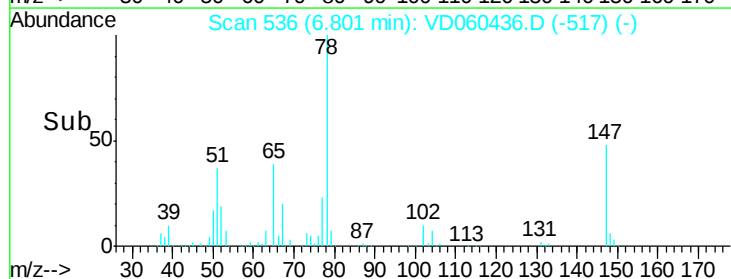
78 100

77 23.0 18.8 28.2



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 18.92 ug/l

RT: 5.96 min Scan# 451

Delta R.T. 0.00 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

Tgt Ion: 41 Resp: 186322

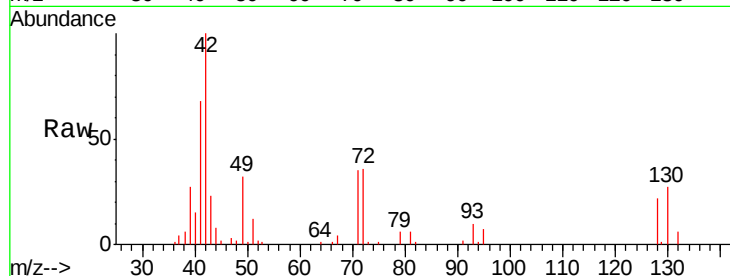
Ion Ratio Lower Upper

41 100

39 40.3 36.2 54.2

67 5.9 11.9 17.9#

52 3.4 5.2 7.8#

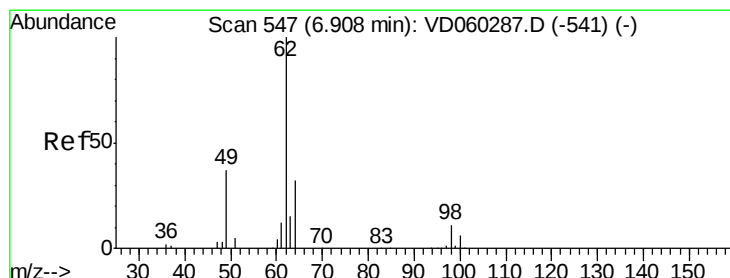
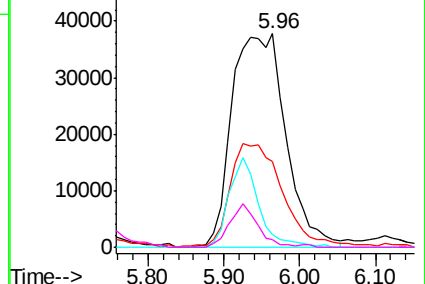
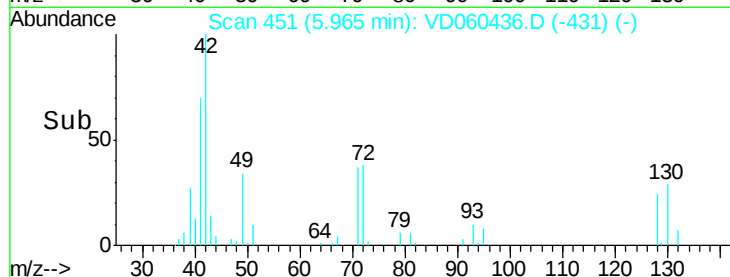


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 19.92 ug/l

RT: 6.90 min Scan# 546

Delta R.T. -0.01 min

Lab File: VD060436.D

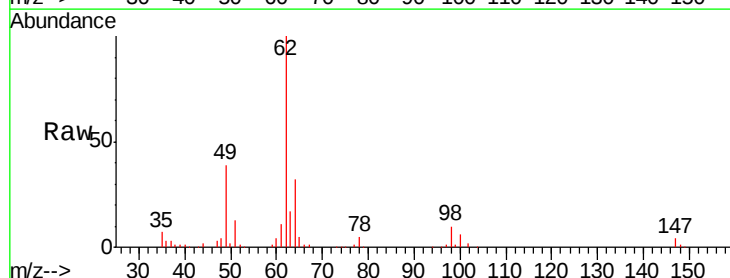
Acq: 21 Nov 2018 12:16

Tgt Ion: 62 Resp: 248822

Ion Ratio Lower Upper

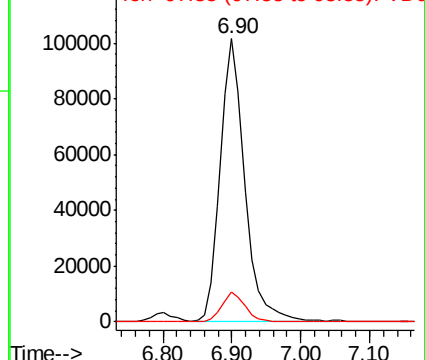
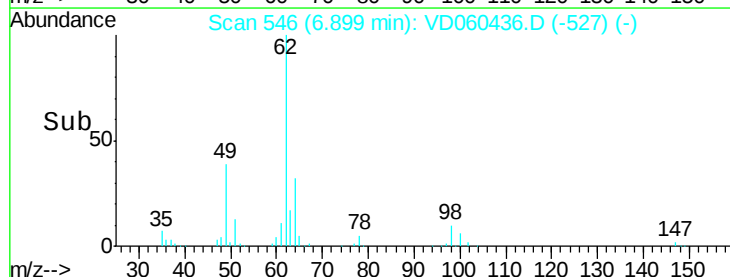
62 100

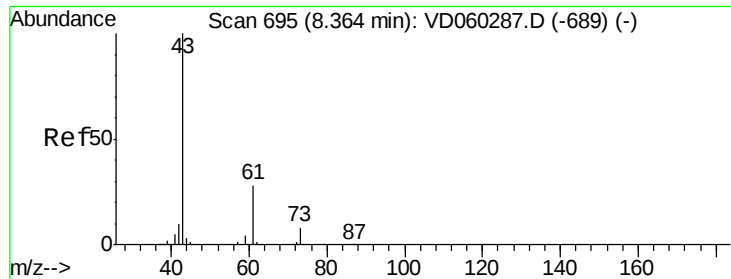
98 10.4 0.0 22.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 18.23 ug/l

RT: 8.35 min Scan# 693

Delta R.T. -0.02 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

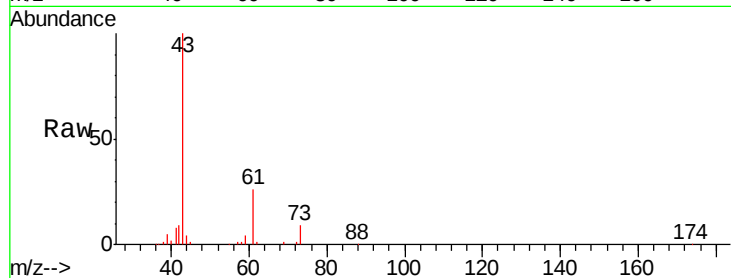
Tgt Ion: 43 Resp: 197032

Ion Ratio Lower Upper

43 100

61 25.8 22.3 33.5

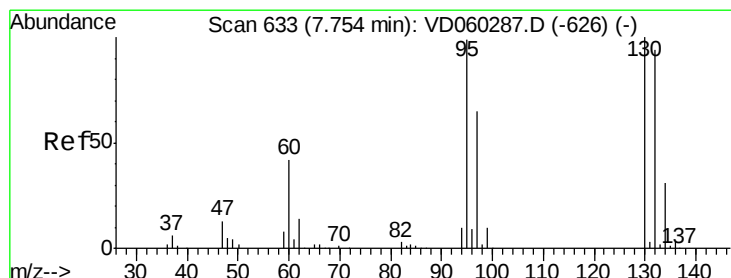
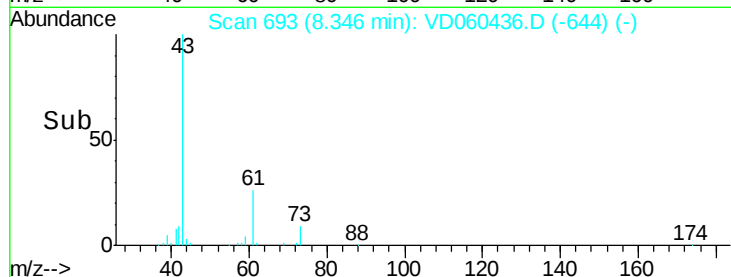
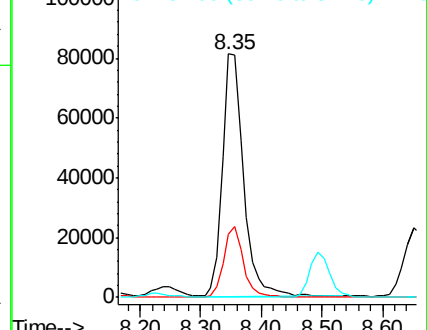
87 0.0 0.2 0.2#



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: 20.98 ug/l

RT: 7.75 min Scan# 632

Delta R.T. -0.01 min

Lab File: VD060436.D

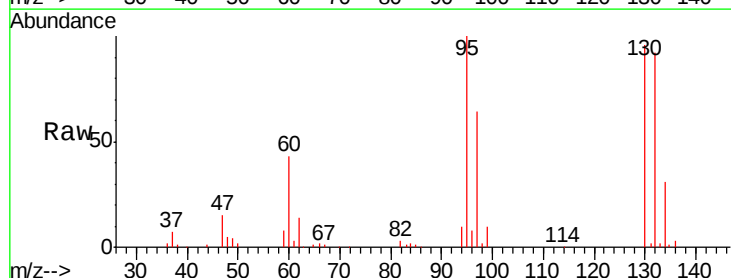
Acq: 21 Nov 2018 12:16

Tgt Ion: 130 Resp: 303557

Ion Ratio Lower Upper

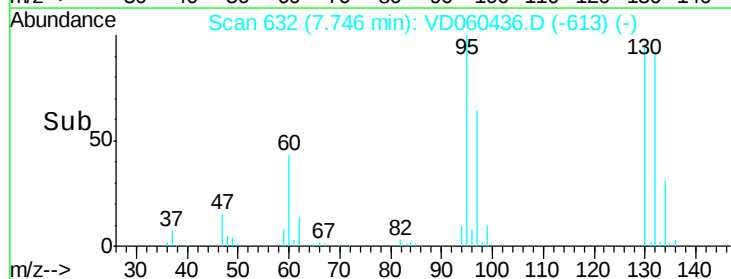
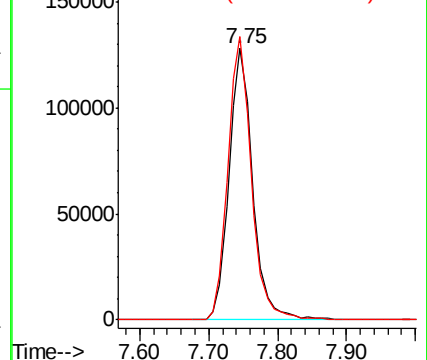
130 100

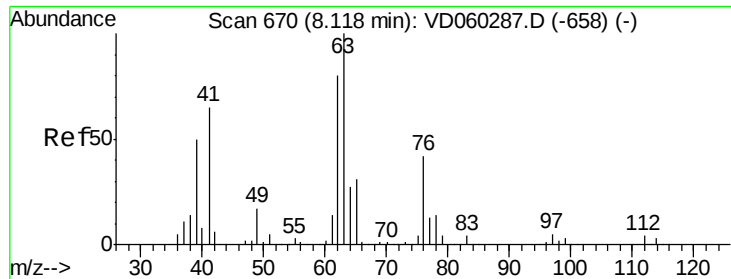
95 104.2 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

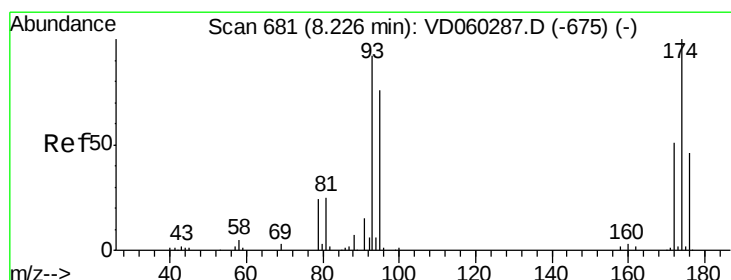
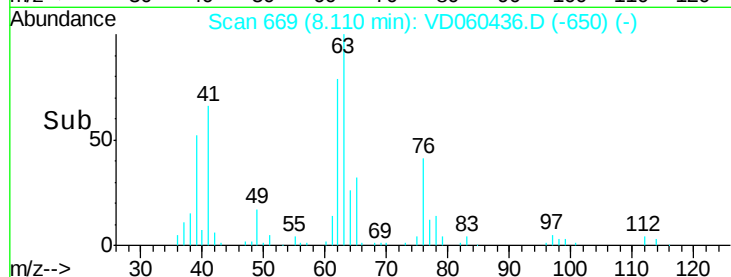
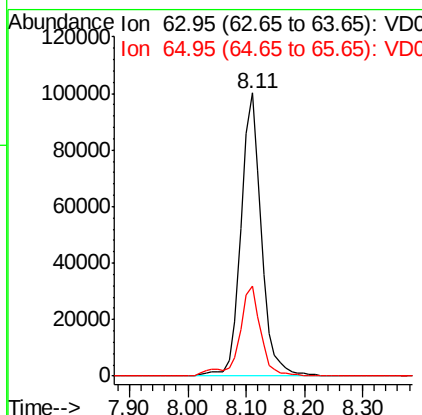
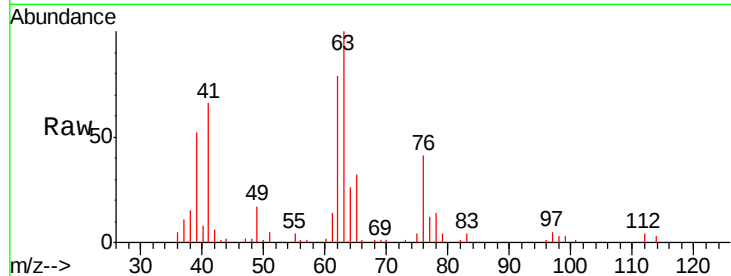




#45  
 1,2-Dichloropropane  
 Concen: 20.30 ug/l  
 RT: 8.11 min Scan# 669  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

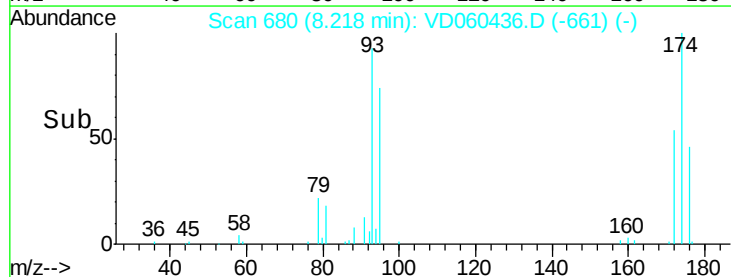
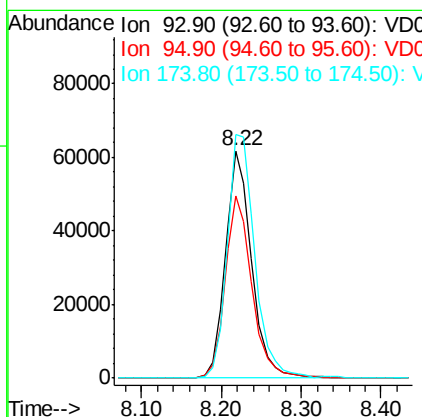
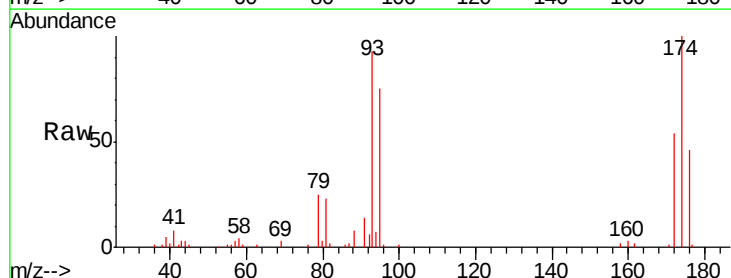
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1121SBS01

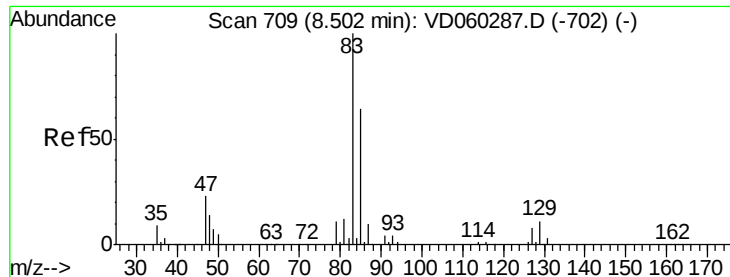
Tgt Ion: 63 Resp: 244263  
 Ion Ratio Lower Upper  
 63 100  
 65 31.7 23.4 35.2



#46  
 Dibromomethane  
 Concen: 20.16 ug/l  
 RT: 8.22 min Scan# 680  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

Tgt Ion: 93 Resp: 142081  
 Ion Ratio Lower Upper  
 93 100  
 95 80.2 66.4 99.6  
 174 107.2 87.8 131.8





#47

Bromodichloromethane

Concen: 20.28 ug/l

RT: 8.49 min Scan# 708

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

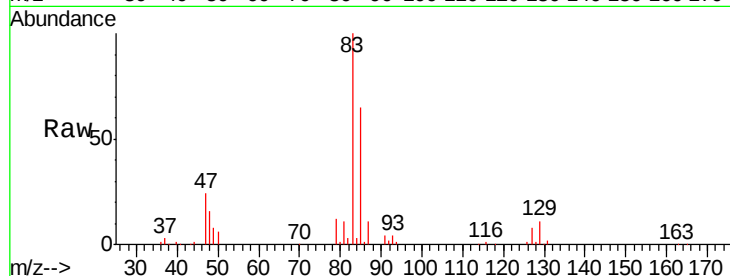
Tgt Ion: 83 Resp: 336851

Ion Ratio Lower Upper

83 100

85 65.5 51.0 76.6

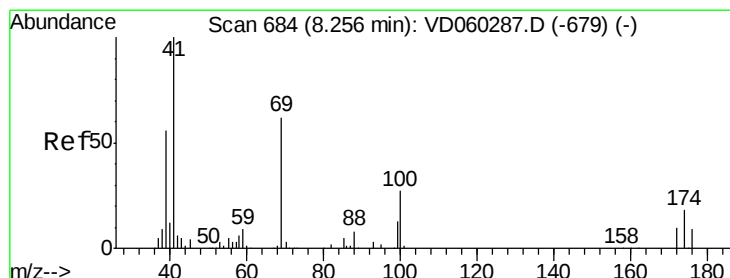
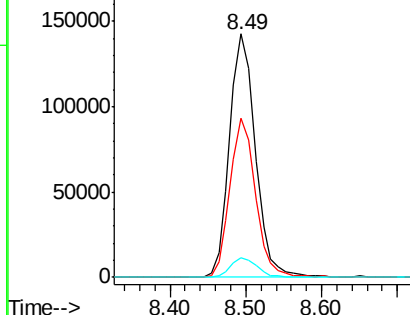
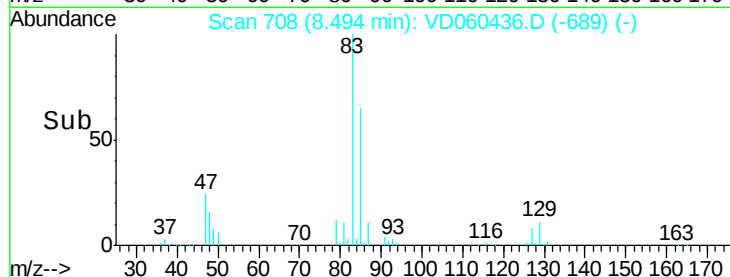
127 8.2 6.2 9.4



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: 19.26 ug/l

RT: 8.25 min Scan# 683

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

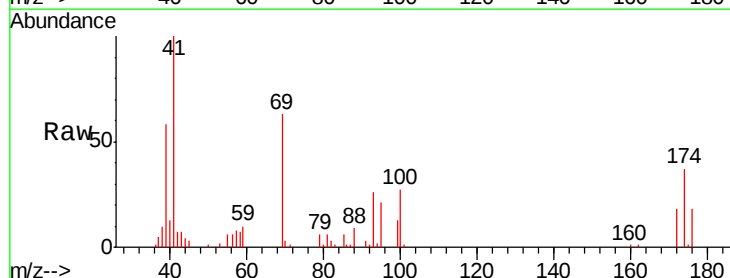
Tgt Ion: 41 Resp: 126439

Ion Ratio Lower Upper

41 100

69 62.8 47.0 70.4

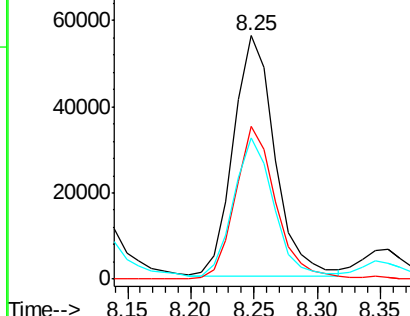
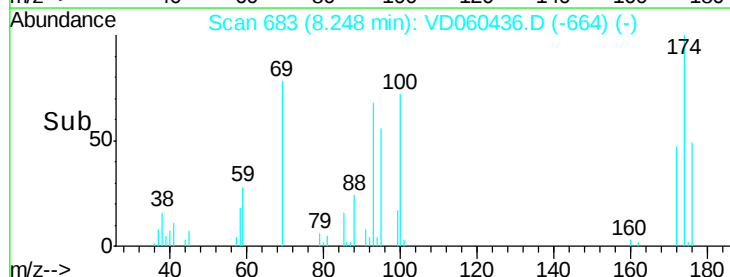
39 58.0 46.2 69.4

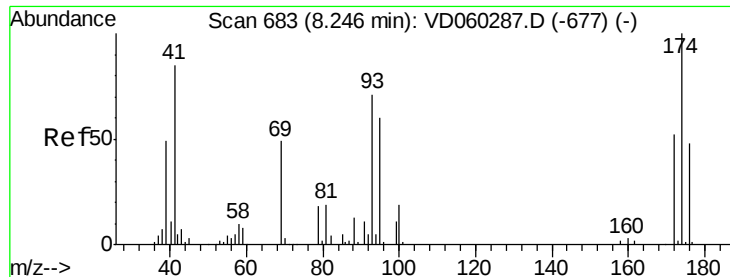


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

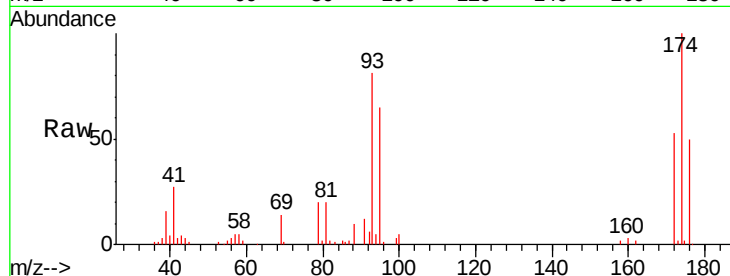




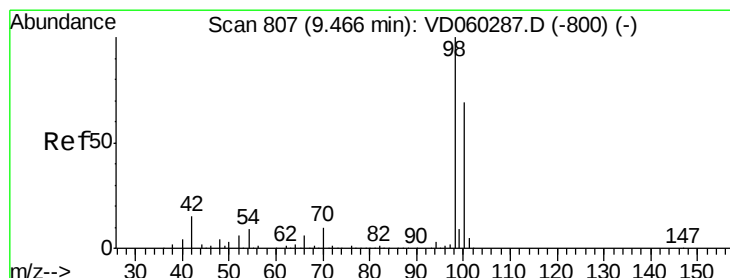
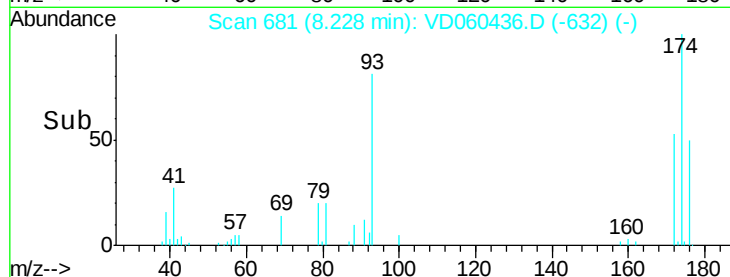
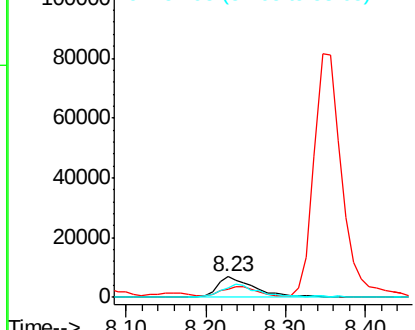
#49  
1,4-Dioxane  
Concen: 397.50 ug/l  
RT: 8.23 min Scan# 681  
Delta R.T. -0.02 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1121SBS01

Tgt Ion: 88 Resp: 22574  
Ion Ratio Lower Upper  
88 100  
43 39.1 39.7 59.5#  
58 47.9 60.2 90.2#

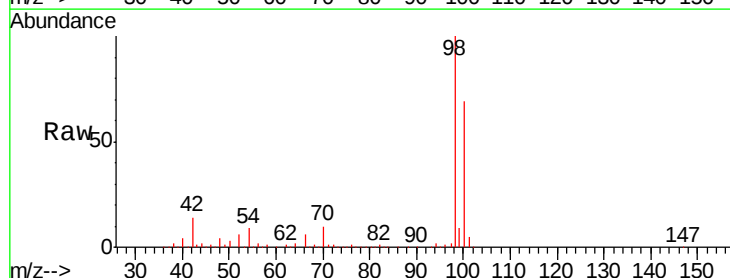


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

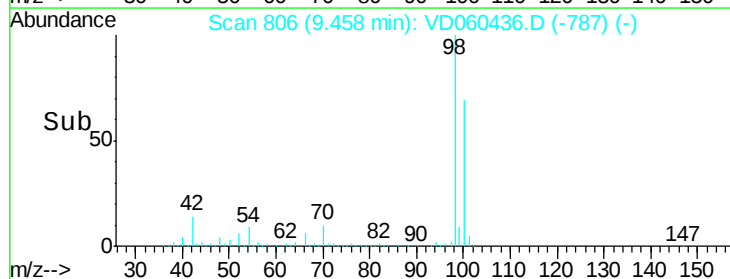
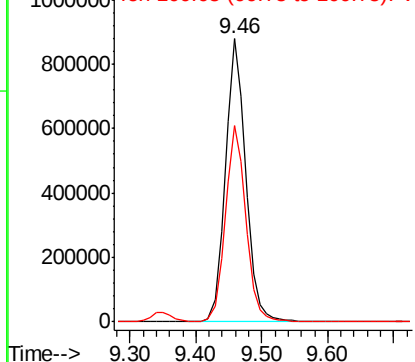


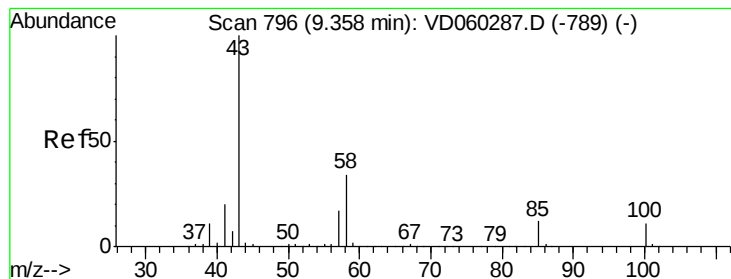
#50  
Toluene-d8  
Concen: 397.50 ug/l  
RT: 9.46 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

Tgt Ion: 98 Resp: 1906774  
Ion Ratio Lower Upper  
98 100  
100 69.5 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC  
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 95.25 ug/l

RT: 9.34 min Scan# 794

Delta R.T. -0.02 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

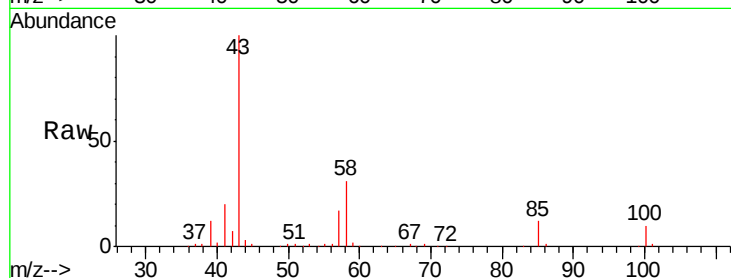
VD1121SBS01

Tgt Ion: 43 Resp: 669906

Ion Ratio Lower Upper

43 100

58 31.3 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

9.34

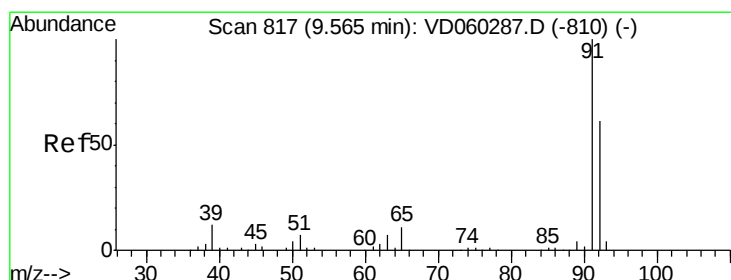
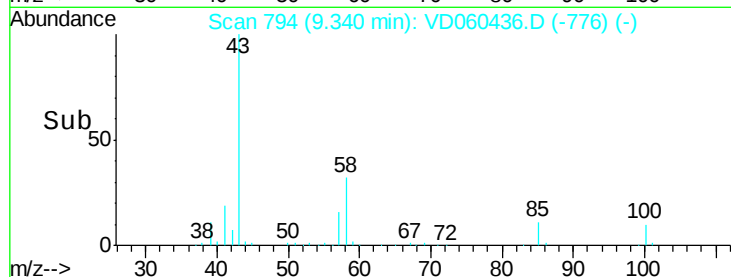
300000

200000

100000

0

Time--> 9.20 9.30 9.40



#52

Toluene

Concen: 20.85 ug/l

RT: 9.56 min Scan# 816

Delta R.T. -0.01 min

Lab File: VD060436.D

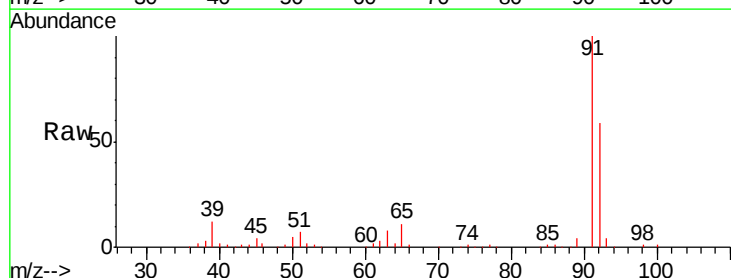
Acq: 21 Nov 2018 12:16

Tgt Ion: 92 Resp: 635441

Ion Ratio Lower Upper

92 100

91 168.2 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

9.56

500000

400000

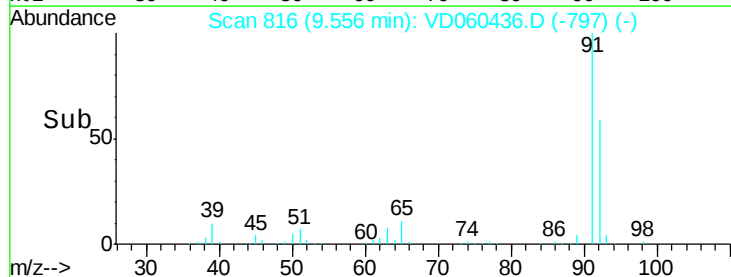
300000

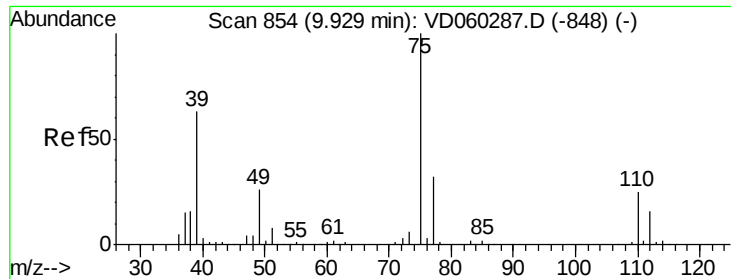
200000

100000

0

Time--> 9.40 9.50 9.60 9.70





#53

t-1,3-Dichloropropene

Concen: 19.15 ug/l

RT: 9.92 min Scan# 853

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

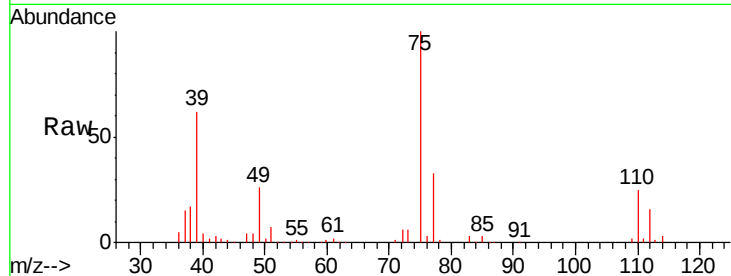
VD1121SBS01

Tgt Ion: 75 Resp: 268766

Ion Ratio Lower Upper

75 100

77 32.6 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

9.92

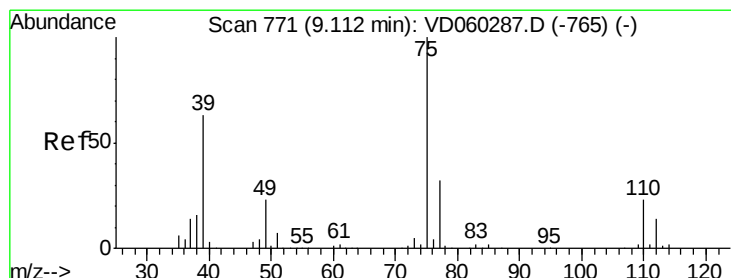
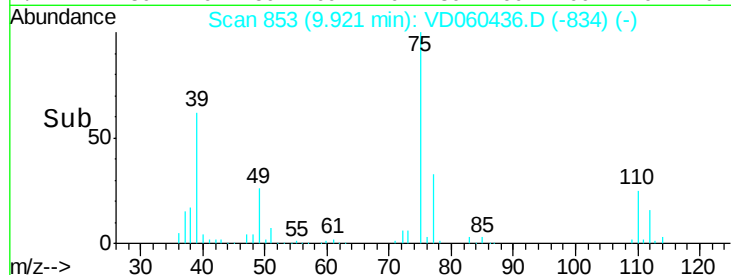
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.72 ug/l

RT: 9.10 min Scan# 770

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

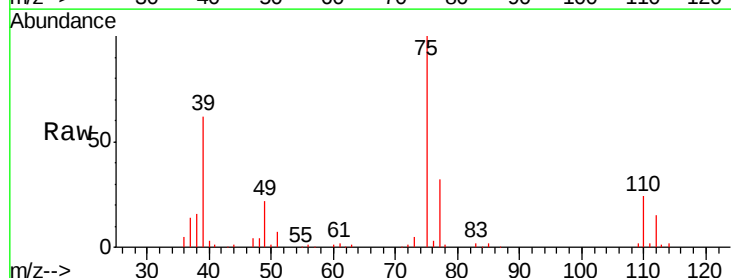
Tgt Ion: 75 Resp: 354960

Ion Ratio Lower Upper

75 100

77 31.6 26.3 39.5

39 61.5 50.8 76.2



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

9.10

200000

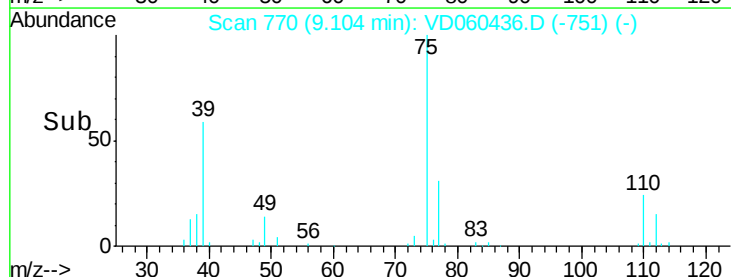
150000

100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.75 ug/l

RT: 10.19 min Scan# 880

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

Tgt Ion: 97 Resp: 174515

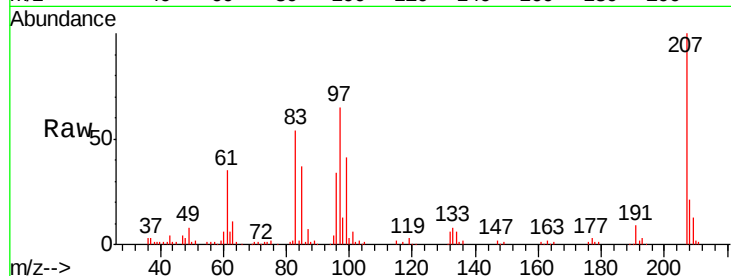
Ion Ratio Lower Upper

97 100

83 82.8 68.4 102.6

85 56.9 46.8 70.2

99 63.1 49.5 74.3

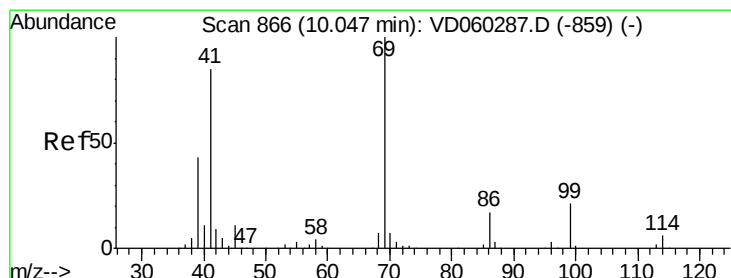
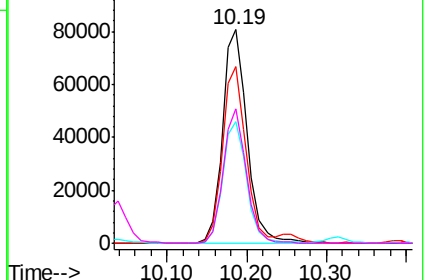
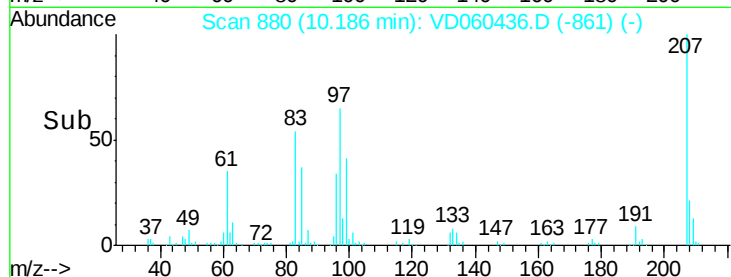


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 18.88 ug/l

RT: 10.03 min Scan# 864

Delta R.T. -0.02 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

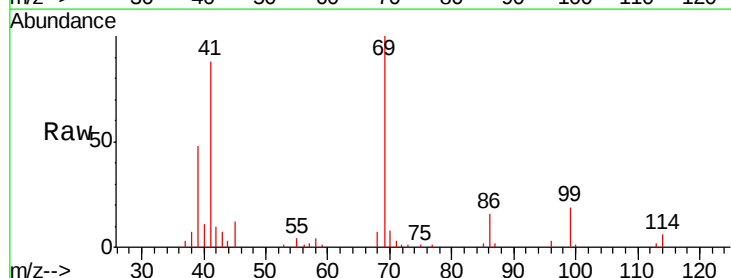
Tgt Ion: 69 Resp: 153336

Ion Ratio Lower Upper

69 100

41 87.7 69.0 103.4

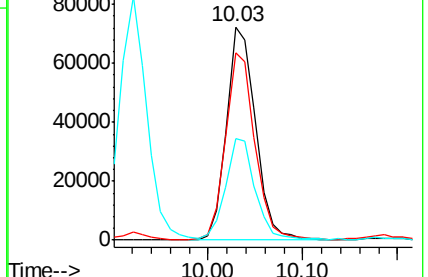
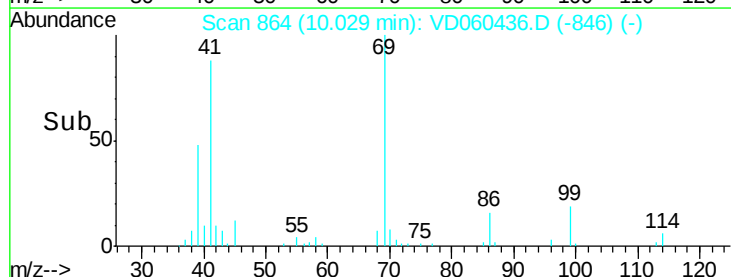
39 47.8 36.6 54.8

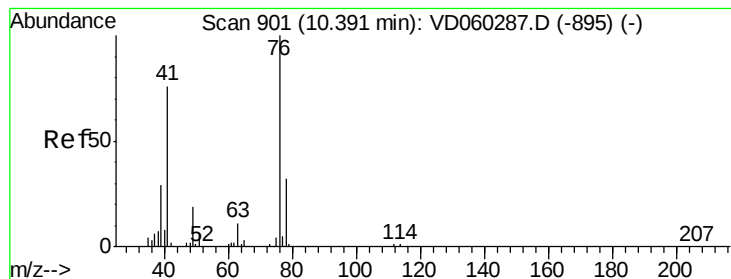


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 18.85 ug/l

RT: 10.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

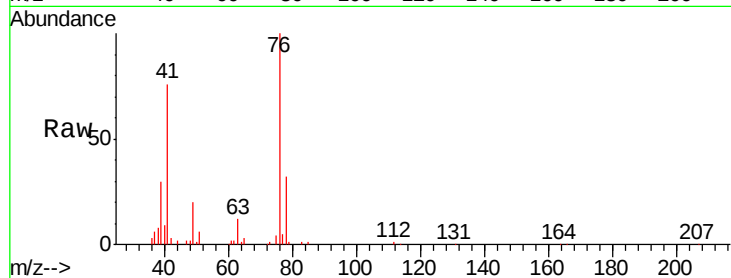
VD1121SBS01

Tgt Ion: 76 Resp: 253769

Ion Ratio Lower Upper

76 100

78 32.0 25.9 38.9



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

10.38

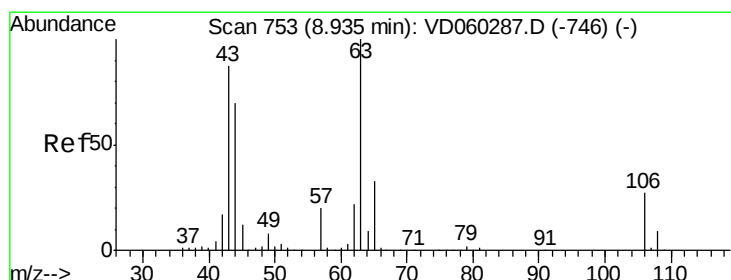
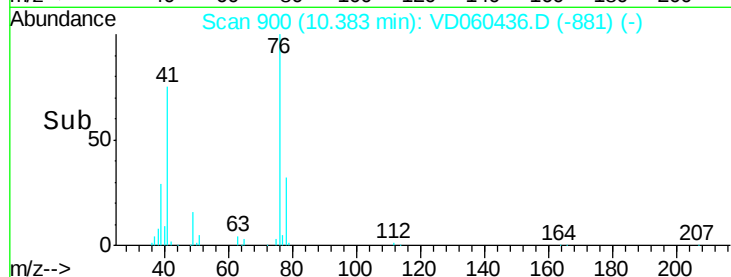
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 96.73 ug/l

RT: 8.93 min Scan# 752

Delta R.T. -0.01 min

Lab File: VD060436.D

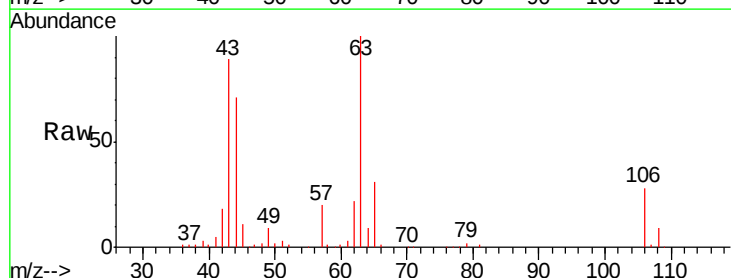
Acq: 21 Nov 2018 12:16

Tgt Ion: 63 Resp: 475127

Ion Ratio Lower Upper

63 100

106 27.8 21.5 32.3



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

8.93

250000

200000

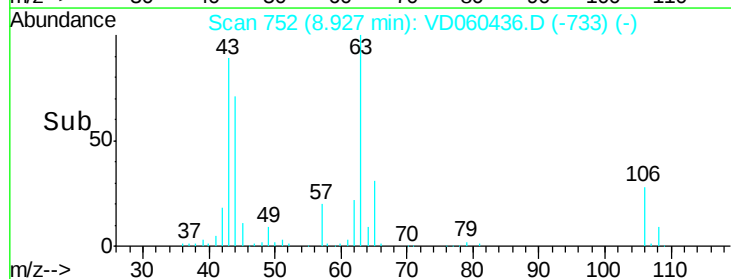
150000

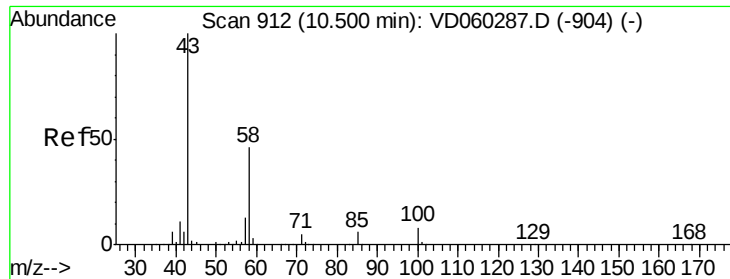
100000

50000

0

Time-->

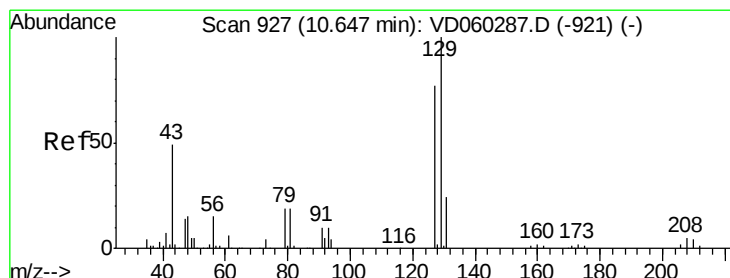
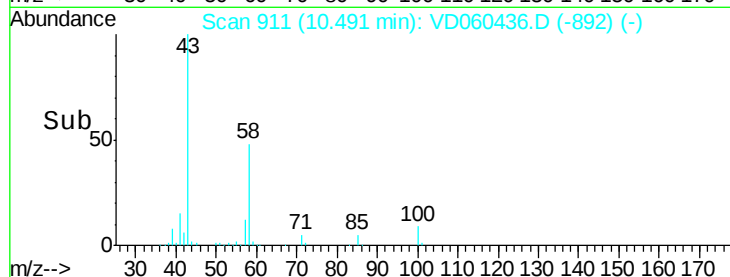
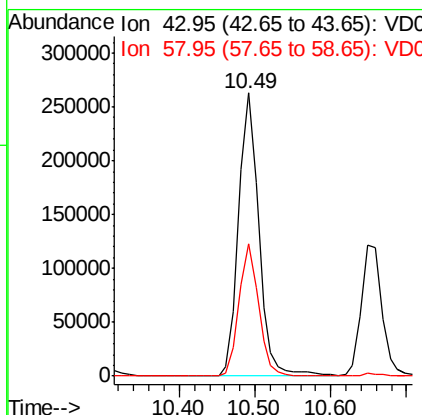
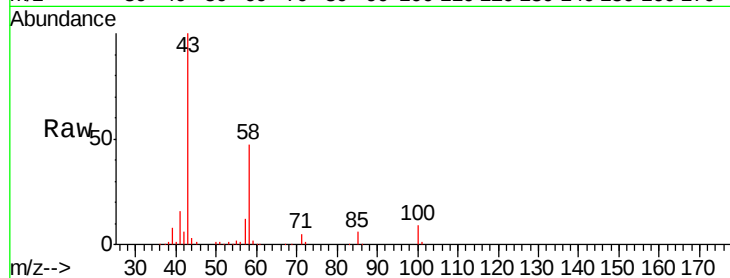




#59  
2-Hexanone  
Concen: 97.15 ug/l  
RT: 10.49 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

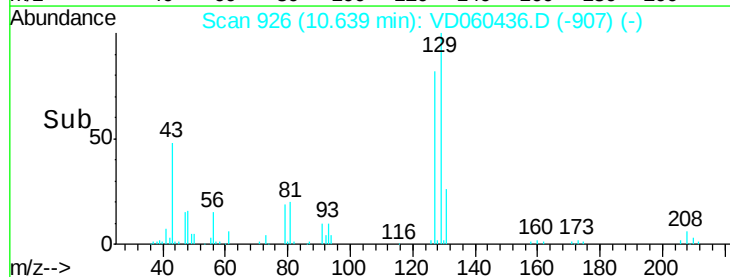
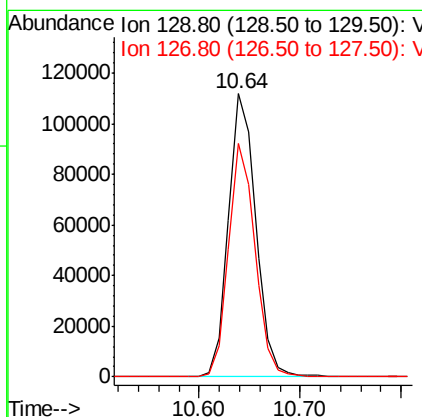
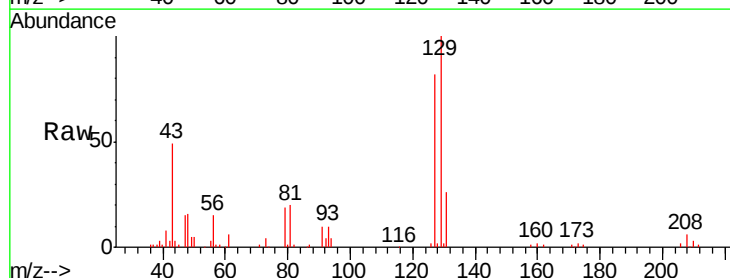
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1121SBS01

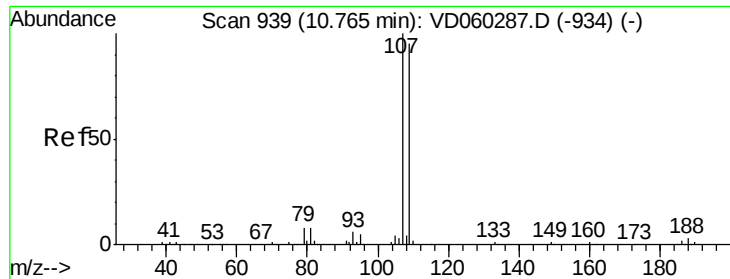
Tgt Ion: 43 Resp: 486958  
Ion Ratio Lower Upper  
43 100  
58 47.0 22.9 68.5



#60  
Dibromochloromethane  
Concen: 19.63 ug/l  
RT: 10.64 min Scan# 926  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

Tgt Ion: 129 Resp: 210795  
Ion Ratio Lower Upper  
129 100  
127 82.5 38.9 116.6

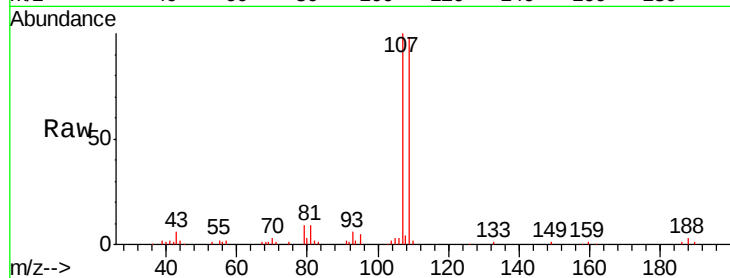




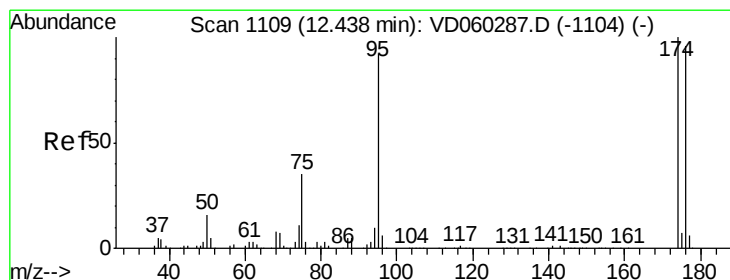
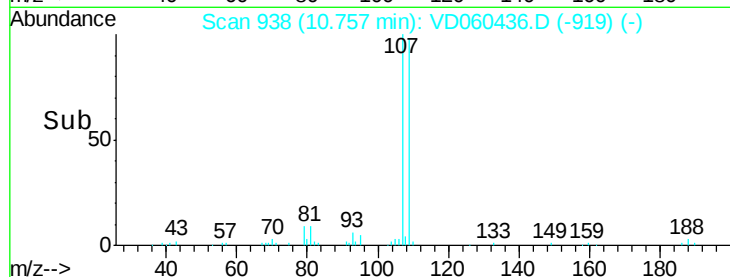
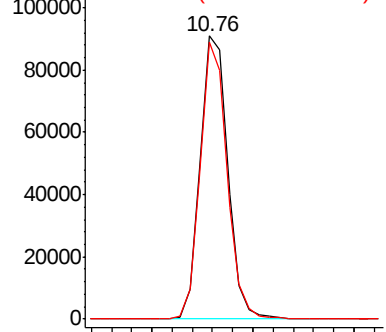
#61  
 1,2-Dibromoethane  
 Concen: 19.47 ug/l  
 RT: 10.76 min Scan# 938  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1121SBS01

Tgt Ion: 107 Resp: 172339  
 Ion Ratio Lower Upper  
 107 100  
 109 97.9 75.7 113.5

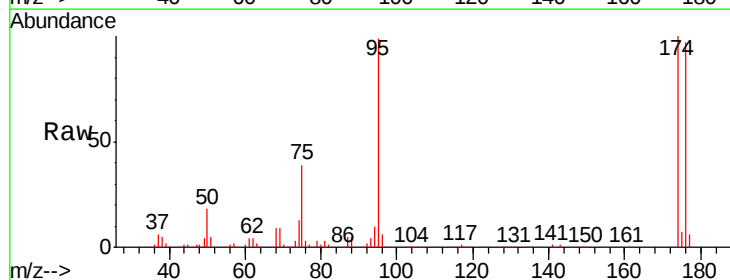


Abundance Ion 106.90 (106.60 to 107.60): V  
 Ion 108.90 (108.60 to 109.60): V

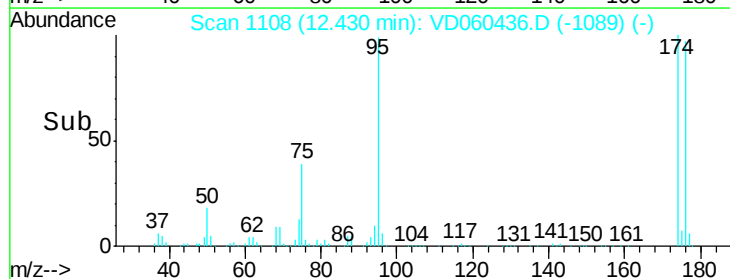
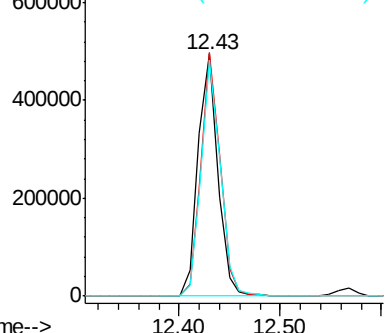


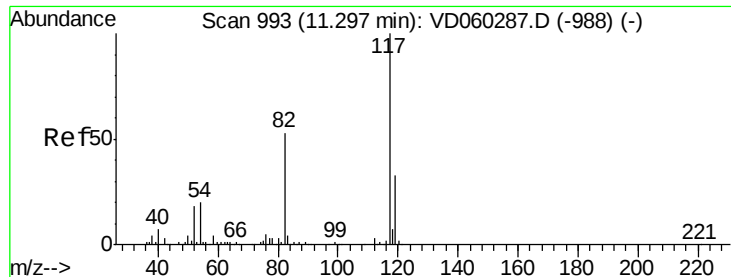
#62  
 4-Bromofluorobenzene  
 Concen: 19.47 ug/l  
 RT: 12.43 min Scan# 1108  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

Tgt Ion: 95 Resp: 674077  
 Ion Ratio Lower Upper  
 95 100  
 174 100.6 0.0 160.8  
 176 97.7 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): V  
 Ion 173.90 (173.60 to 174.60): V  
 Ion 175.90 (175.60 to 176.60): V

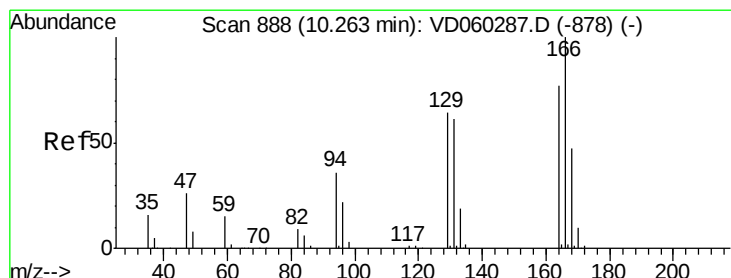
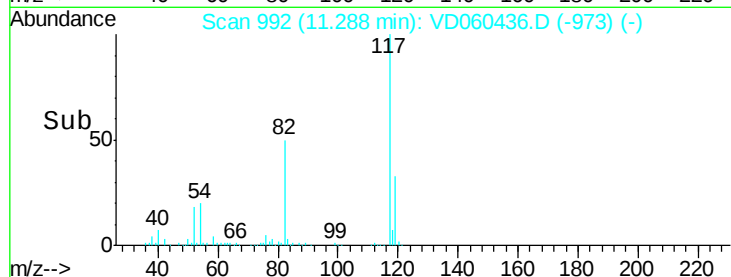
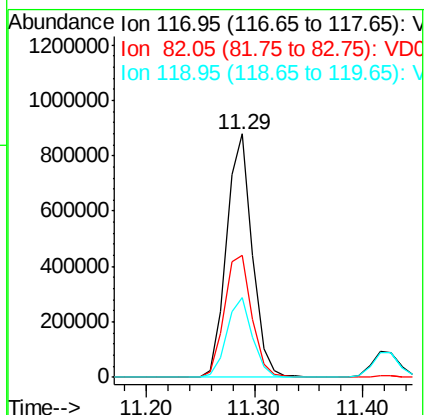
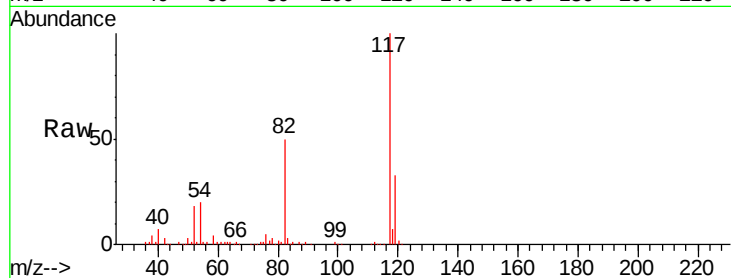




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.29 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

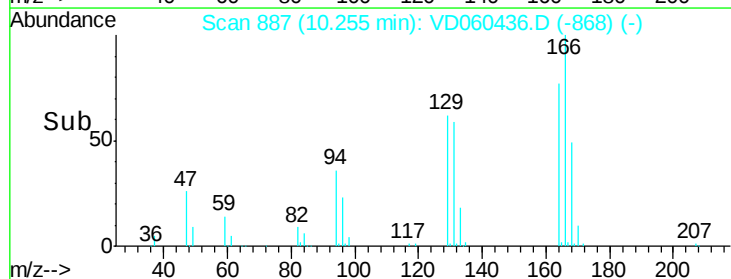
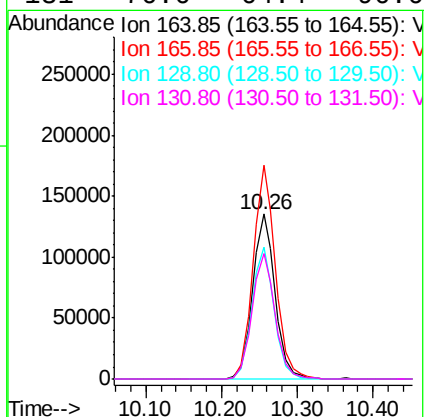
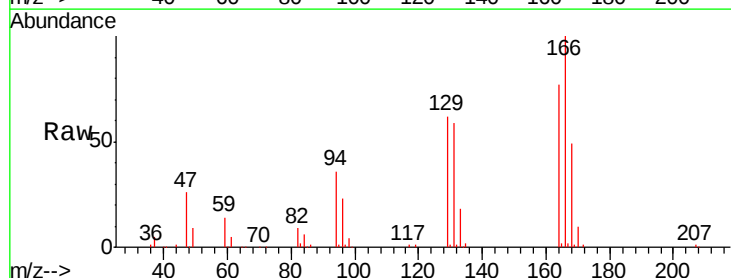
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1121SBS01

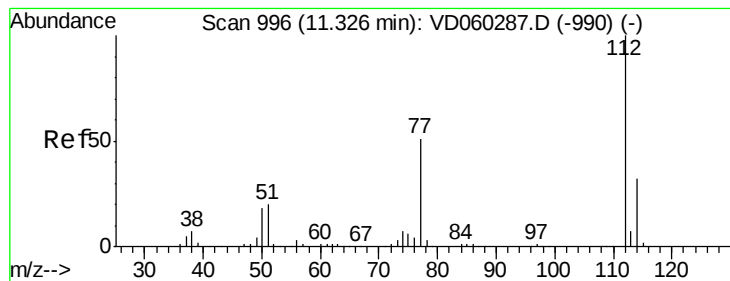
Tgt Ion:117 Resp: 1455157  
Ion Ratio Lower Upper  
117 100  
82 50.3 43.7 65.5  
119 32.6 26.1 39.1



#64  
Tetrachloroethene  
Concen: 21.60 ug/l  
RT: 10.26 min Scan# 887  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

Tgt Ion:164 Resp: 280586  
Ion Ratio Lower Upper  
164 100  
166 129.8 103.7 155.5  
129 80.3 65.6 98.4  
131 76.6 64.4 96.6





#65

Chlorobenzene

Concen: 21.42 ug/l

RT: 11.32 min Scan# 995

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

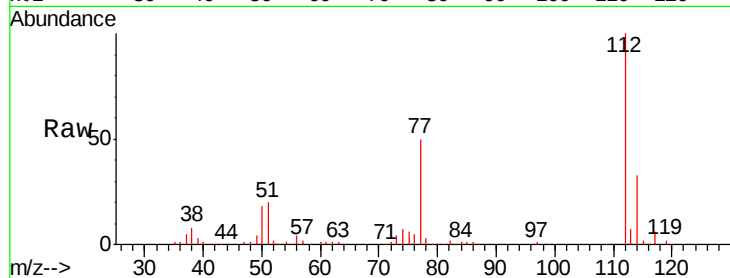
VD1121SBS01

Tgt Ion:112 Resp: 675379

Ion Ratio Lower Upper

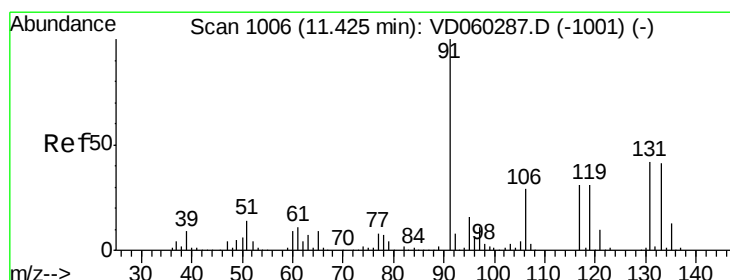
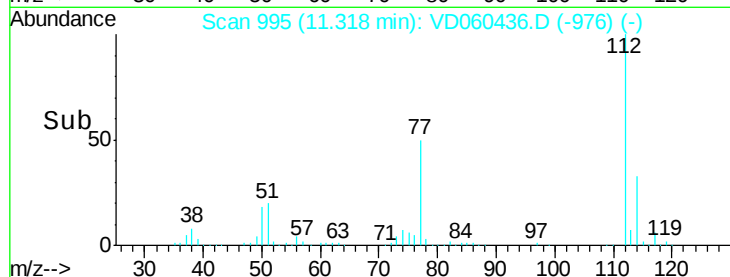
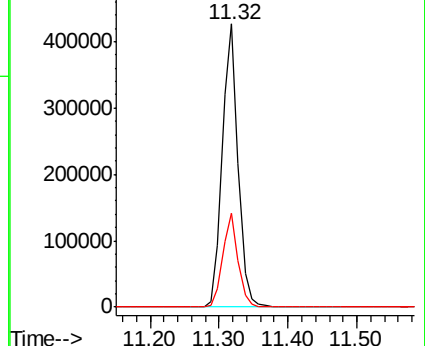
112 100

114 33.2 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.65 ug/l

RT: 11.42 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

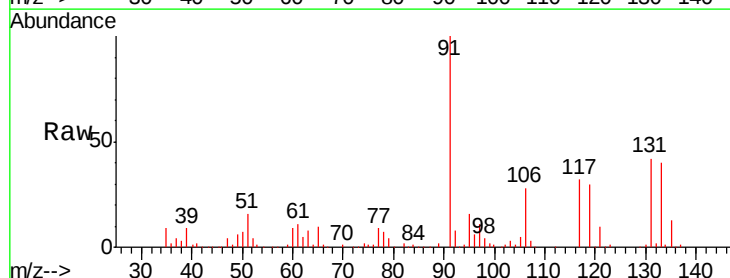
Tgt Ion:131 Resp: 223347

Ion Ratio Lower Upper

131 100

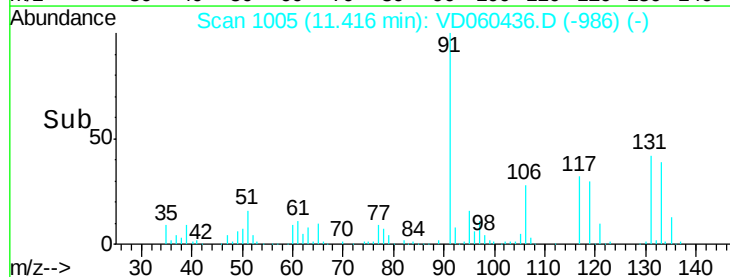
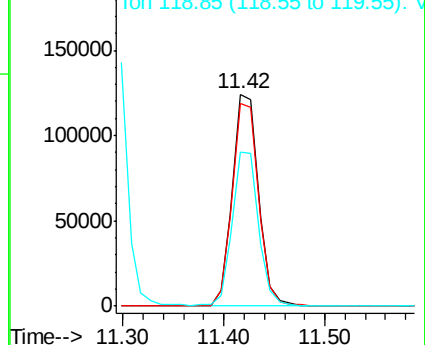
133 95.9 50.0 150.0

119 72.5 37.0 111.1



Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

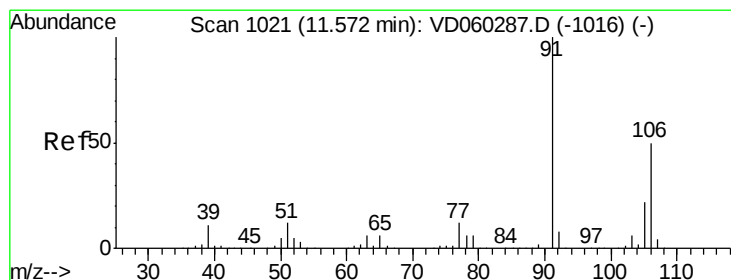
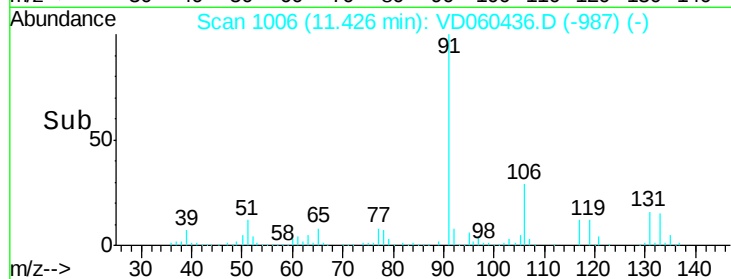
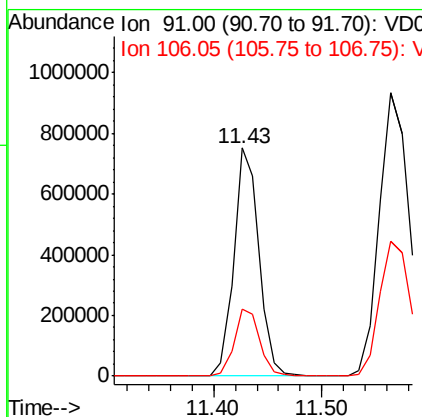
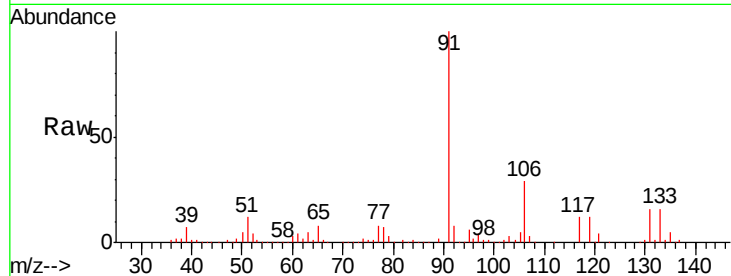




#67  
Ethyl Benzene  
Concen: 22.40 ug/l  
RT: 11.43 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

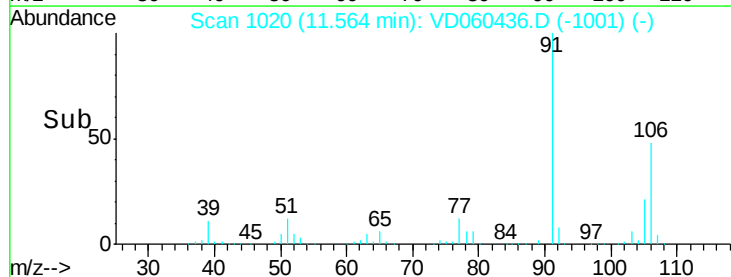
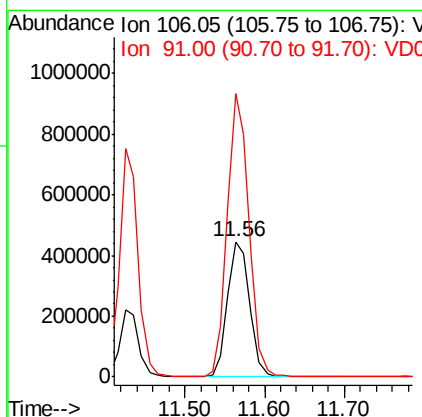
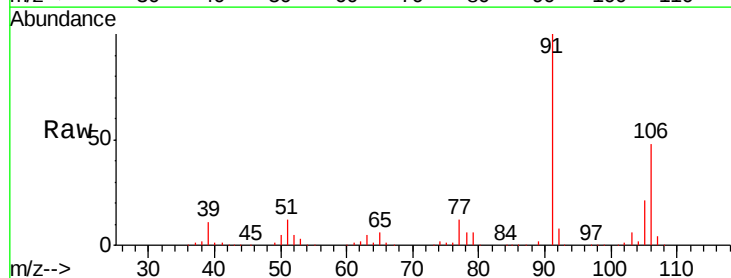
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1121SBS01

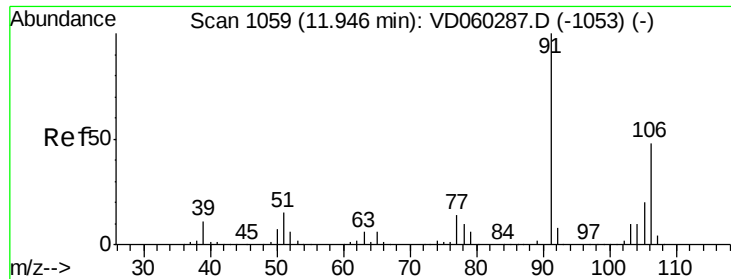
Tgt Ion: 91 Resp: 1208333  
Ion Ratio Lower Upper  
91 100  
106 29.3 24.6 36.8



#68  
m/p-Xylenes  
Concen: 43.76 ug/l  
RT: 11.56 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

Tgt Ion: 106 Resp: 870594  
Ion Ratio Lower Upper  
106 100  
91 209.8 159.4 239.2

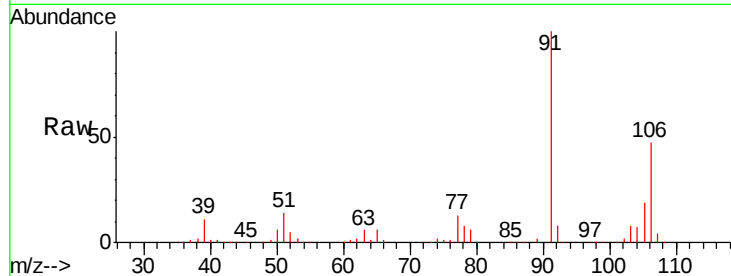




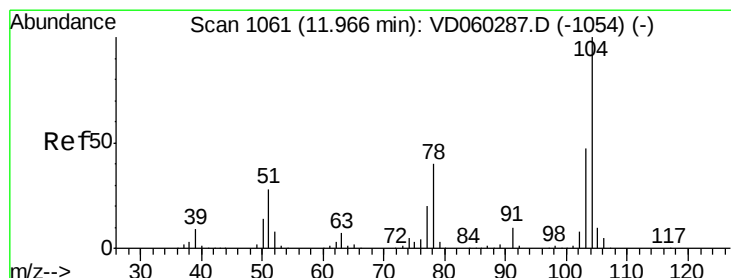
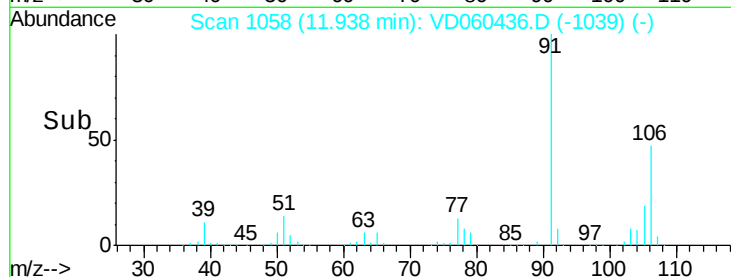
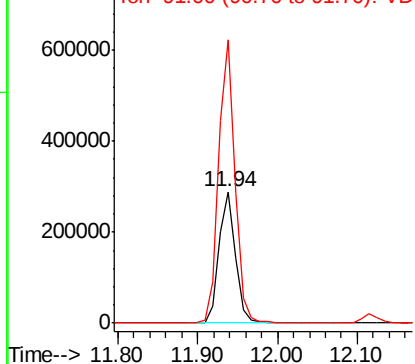
#69  
o-Xylene  
Concen: 22.01 ug/l  
RT: 11.94 min Scan# 1058  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1121SBS01

Tgt Ion:106 Resp: 423044  
Ion Ratio Lower Upper  
106 100  
91 215.0 109.2 327.6

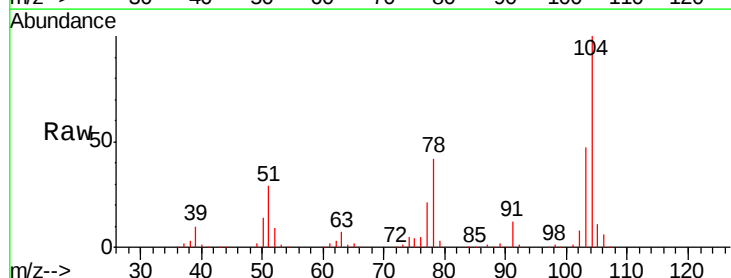


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

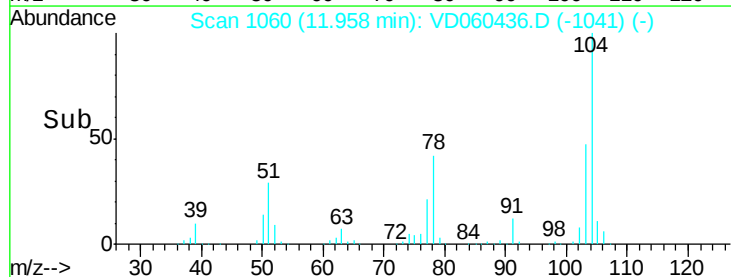
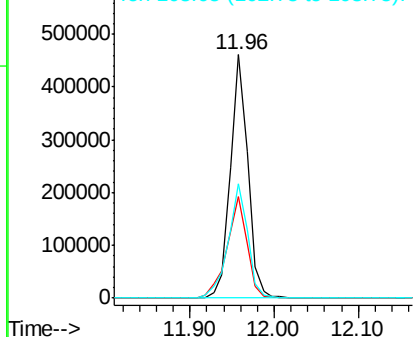


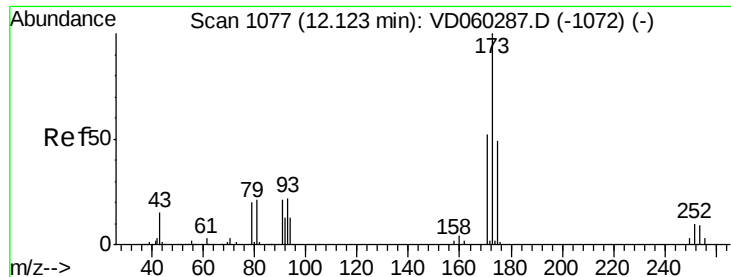
#70  
Styrene  
Concen: 21.38 ug/l  
RT: 11.96 min Scan# 1060  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

Tgt Ion:104 Resp: 663992  
Ion Ratio Lower Upper  
104 100  
78 41.5 31.6 47.4  
103 46.9 37.0 55.6



Abundance Ion 104.05 (103.75 to 104.75): V  
Ion 77.95 (77.65 to 78.65): VDC  
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 19.52 ug/l

RT: 12.12 min Scan# 1076

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

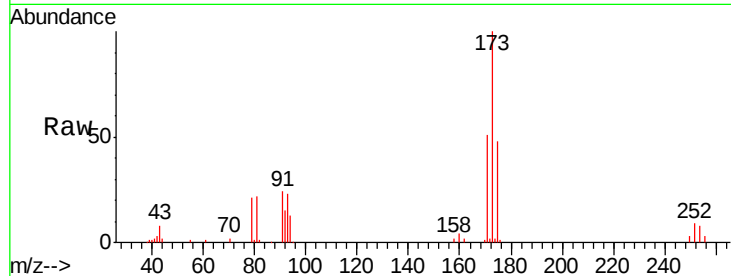
Tgt Ion:173 Resp: 135287

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

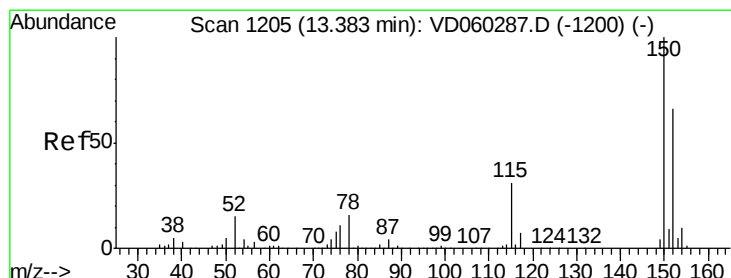
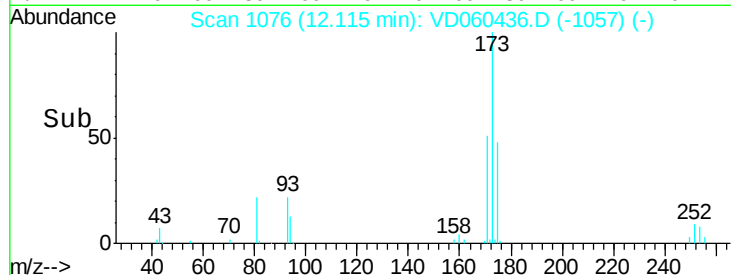
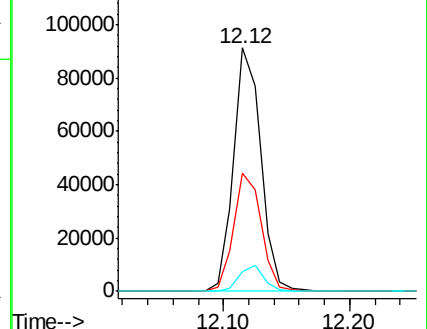
254 8.3 8.3 12.5#



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: 13.37 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

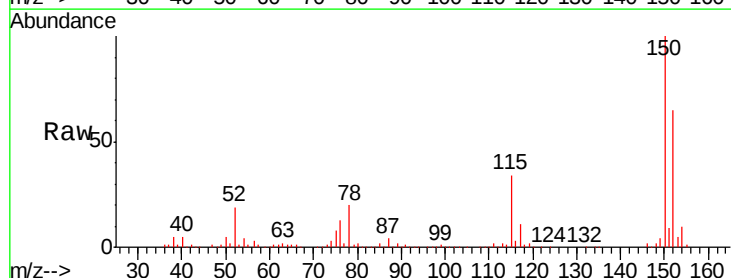
Tgt Ion:152 Resp: 723244

Ion Ratio Lower Upper

152 100

115 53.3 24.1 72.3

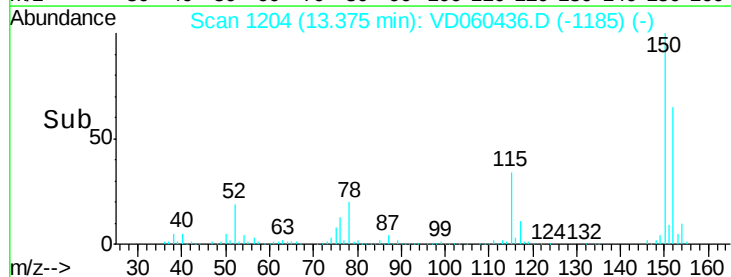
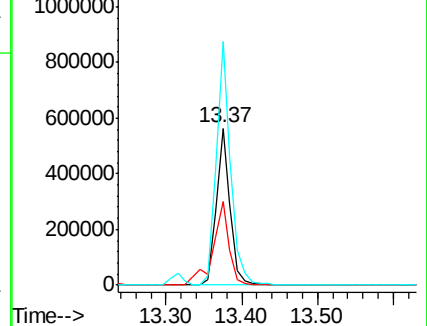
150 154.9 0.0 310.6

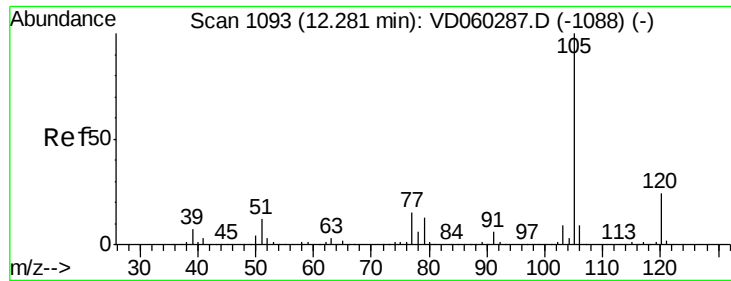


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.49 ug/l

RT: 12.28 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

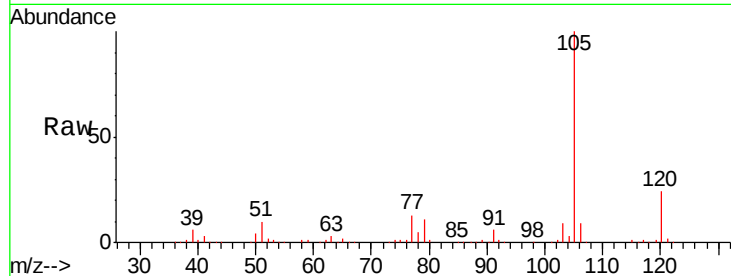
VD1121SBS01

Tgt Ion:105 Resp: 1184985

Ion Ratio Lower Upper

105 100

120 24.5 12.1 36.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

800000

600000

400000

200000

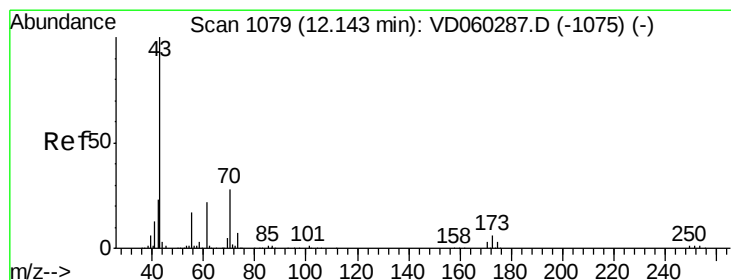
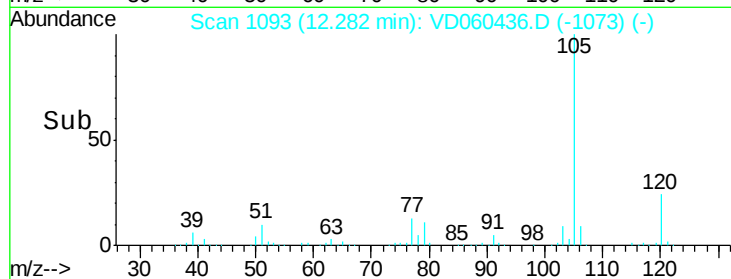
0

12.28

12.30

12.40

Time-->



#74

N-ethyl acetate

Concen: 19.39 ug/l

RT: 12.13 min Scan# 1078

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Tgt Ion: 43 Resp: 261981

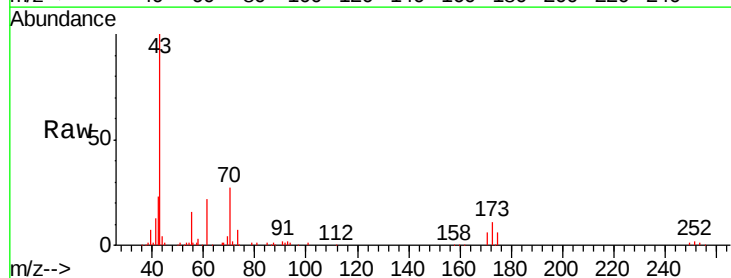
Ion Ratio Lower Upper

43 100

70 26.8 23.0 34.4

55 15.9 14.2 21.4

61 22.3 17.8 26.8



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

300000

250000

200000

150000

100000

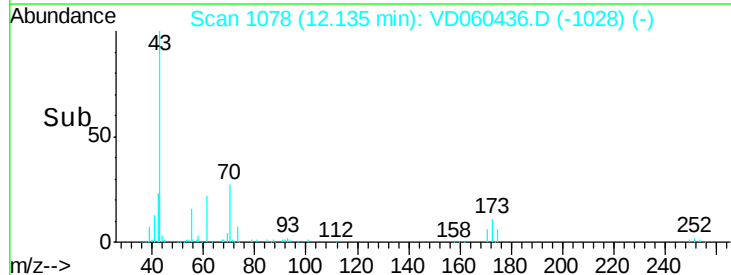
50000

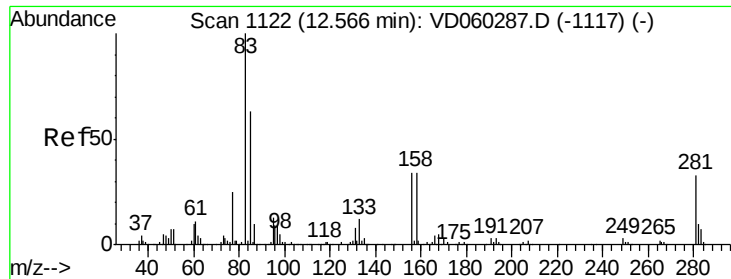
0

12.13

12.20

Time-->

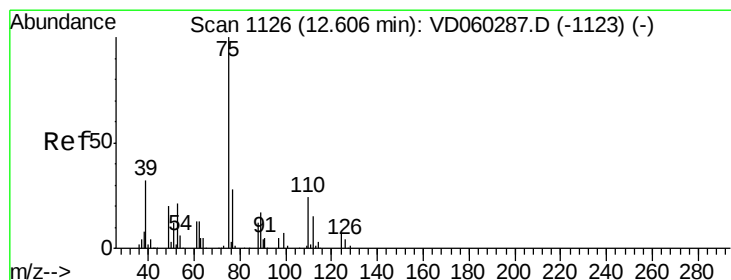
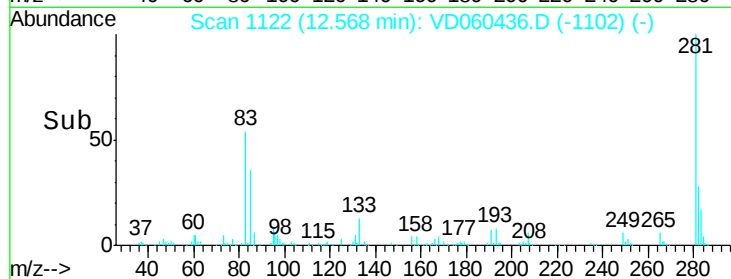
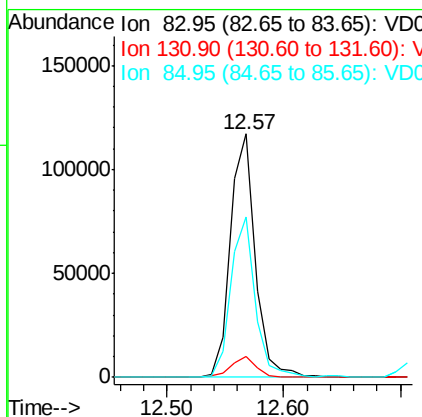
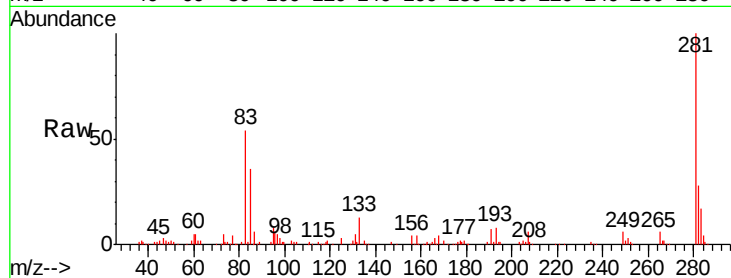




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.99 ug/l  
 RT: 12.57 min Scan# 1122  
 Delta R.T. 0.00 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

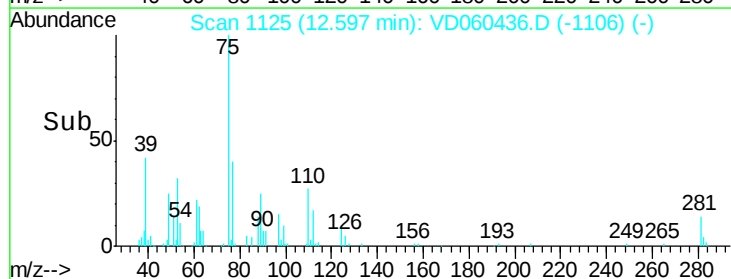
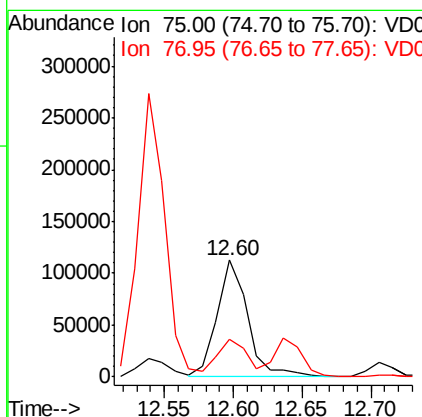
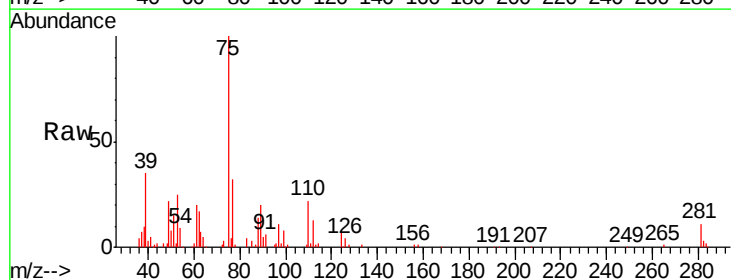
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1121SBS01

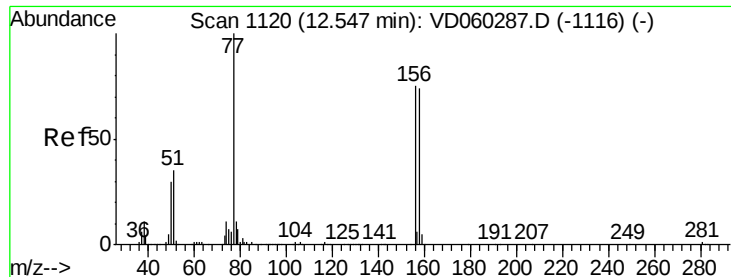
Tgt Ion: 83 Resp: 172288  
 Ion Ratio Lower Upper  
 83 100  
 131 8.7 3.9 11.5  
 85 65.6 32.0 96.0



#76  
 1,2,3-Trichloropropane  
 Concen: 19.85 ug/l  
 RT: 12.60 min Scan# 1125  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

Tgt Ion: 75 Resp: 171769  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 16.4 49.1





#77

Bromobenzene

Concen: 21.35 ug/l

RT: 12.54 min Scan# 1119

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

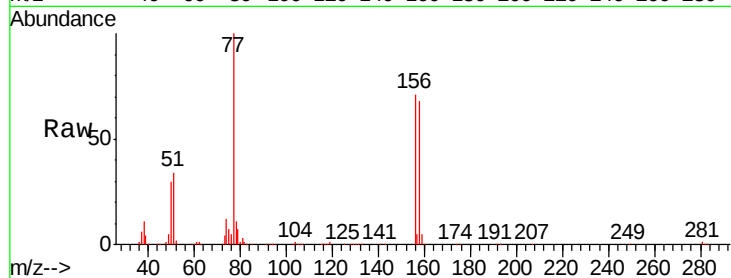
Tgt Ion: 156 Resp: 298772

Ion Ratio Lower Upper

156 100

77 140.3 61.2 183.6

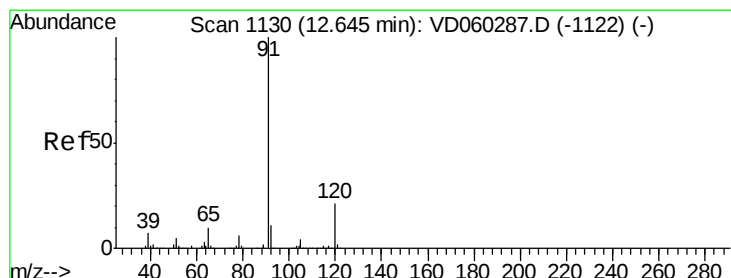
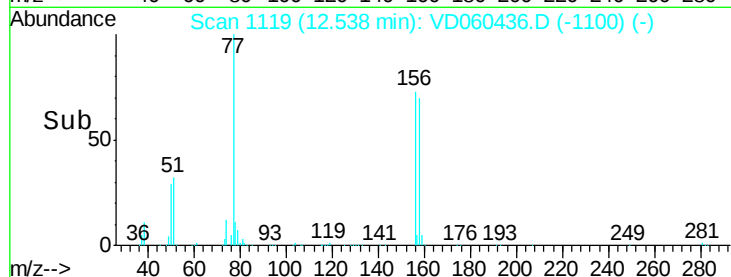
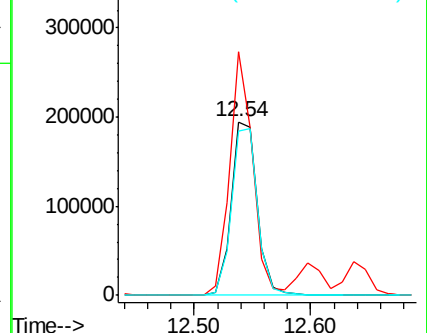
158 94.8 49.2 147.6



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: 22.66 ug/l

RT: 12.64 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VD060436.D

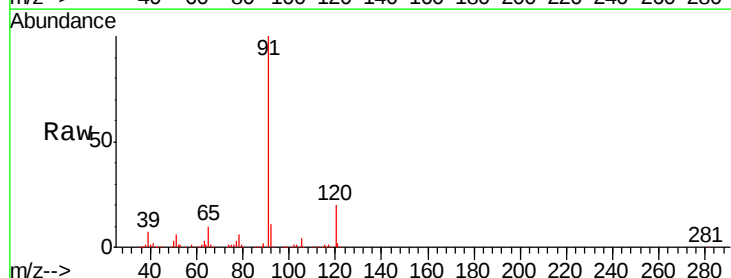
Acq: 21 Nov 2018 12:16

Tgt Ion: 91 Resp: 1490389

Ion Ratio Lower Upper

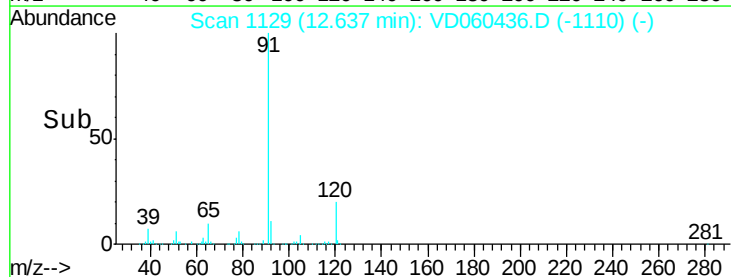
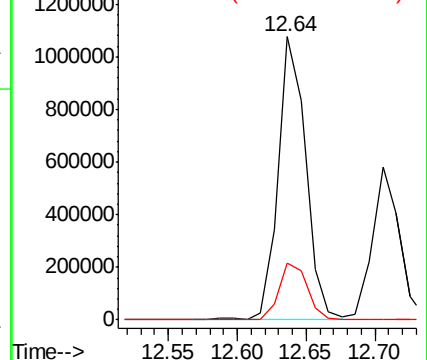
91 100

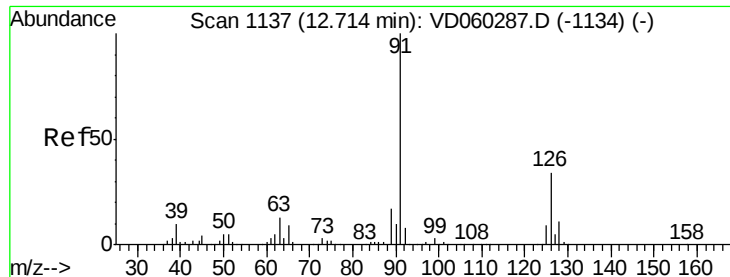
120 20.1 10.4 31.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

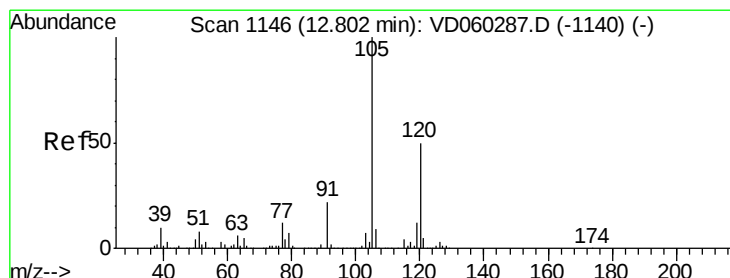
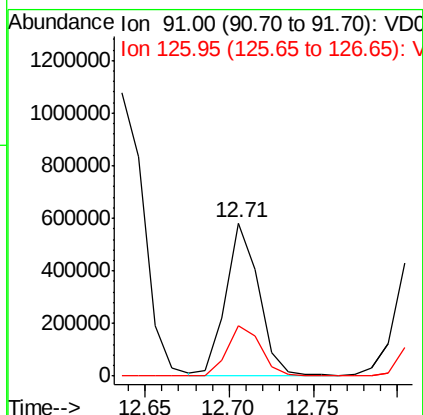
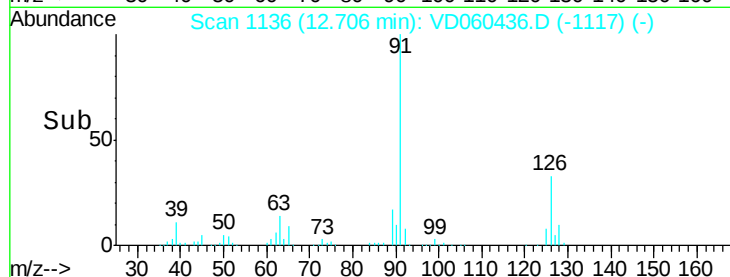
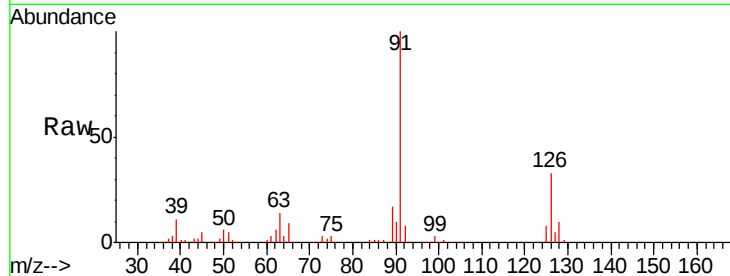




#79  
 2-Chlorotoluene  
 Concen: 22.01 ug/l  
 RT: 12.71 min Scan# 1136  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

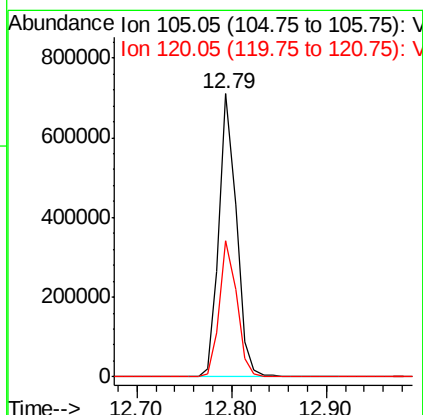
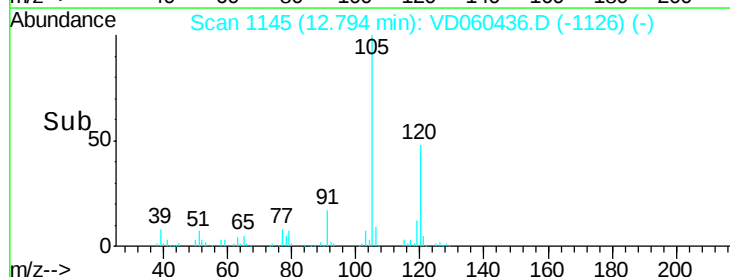
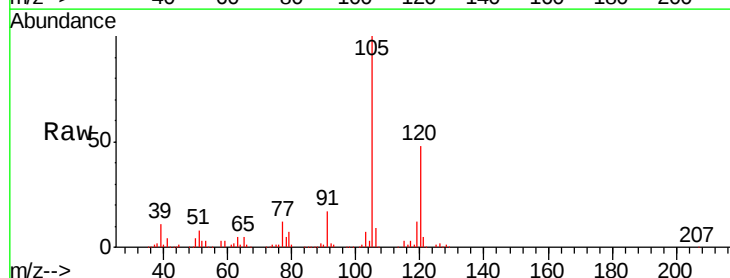
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1121SBS01

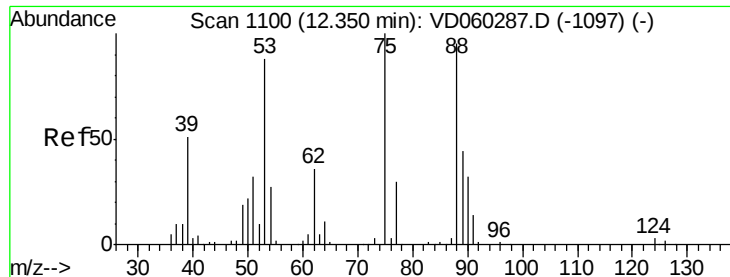
Tgt Ion: 91 Resp: 792989  
 Ion Ratio Lower Upper  
 91 100  
 126 32.6 17.4 52.2



#80  
 1,3,5-Trimethylbenzene  
 Concen: 22.22 ug/l  
 RT: 12.79 min Scan# 1145  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

Tgt Ion: 105 Resp: 909991  
 Ion Ratio Lower Upper  
 105 100  
 120 48.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.12 ug/l

RT: 12.34 min Scan# 1099

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

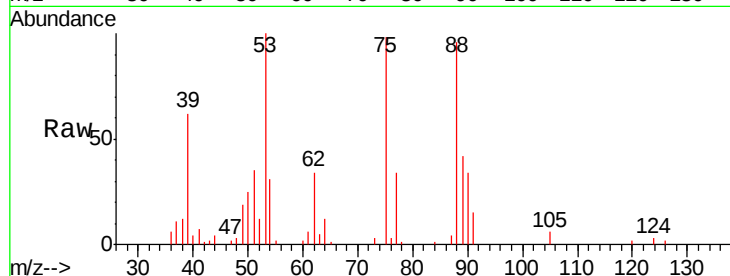
Tgt Ion: 75 Resp: 47100

Ion Ratio Lower Upper

75 100

53 102.5 68.6 103.0

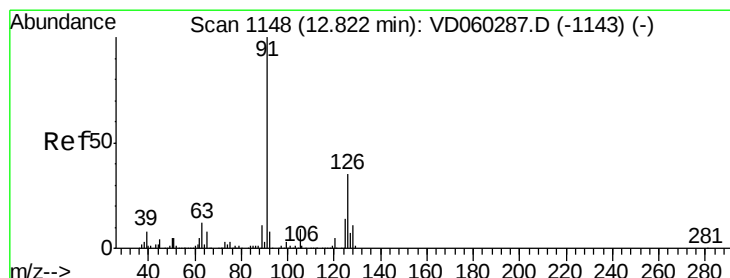
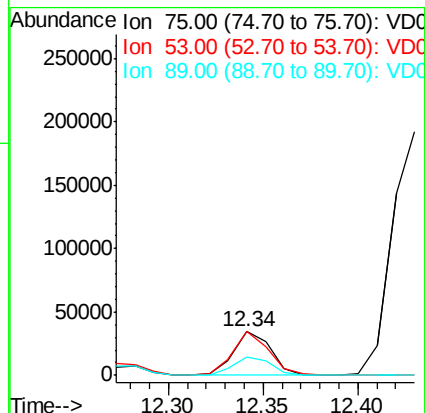
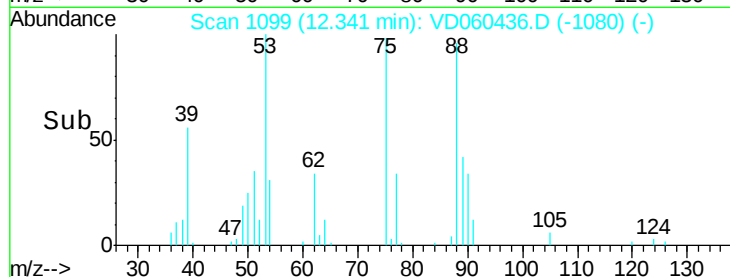
89 43.4 34.1 51.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 22.16 ug/l

RT: 12.81 min Scan# 1147

Delta R.T. -0.01 min

Lab File: VD060436.D

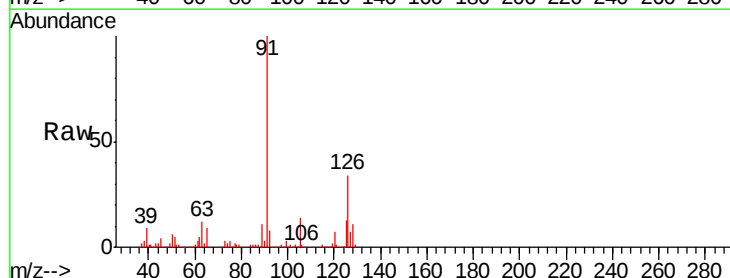
Acq: 21 Nov 2018 12:16

Tgt Ion: 91 Resp: 896752

Ion Ratio Lower Upper

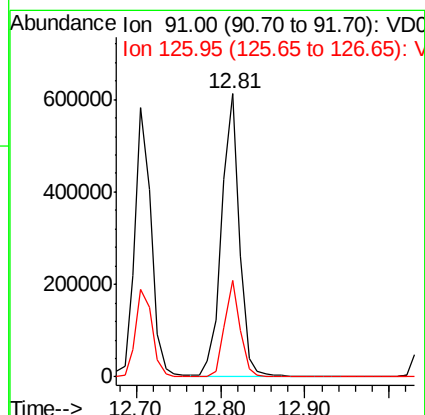
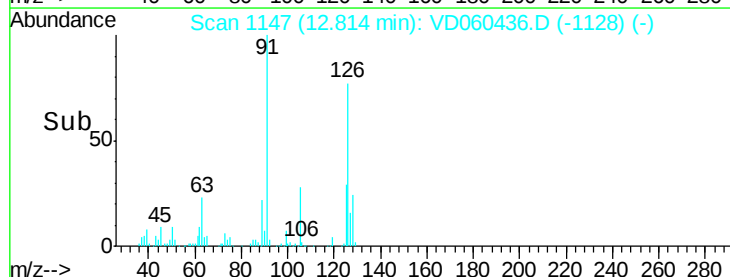
91 100

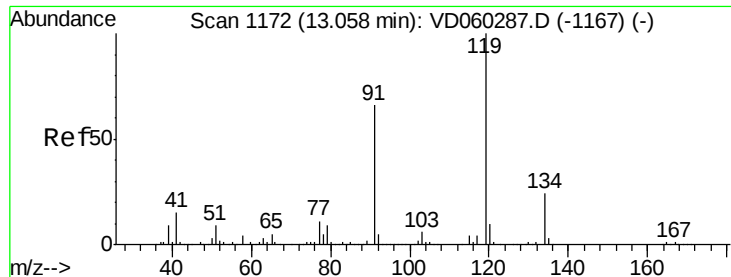
126 34.0 14.8 44.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

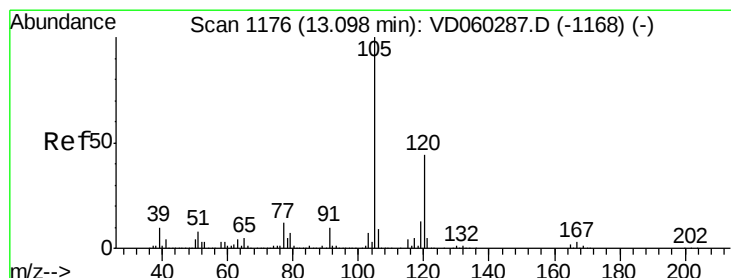
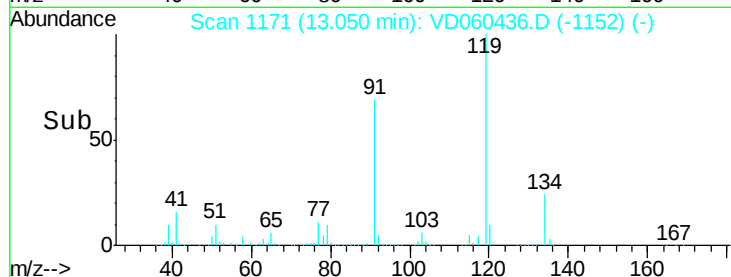
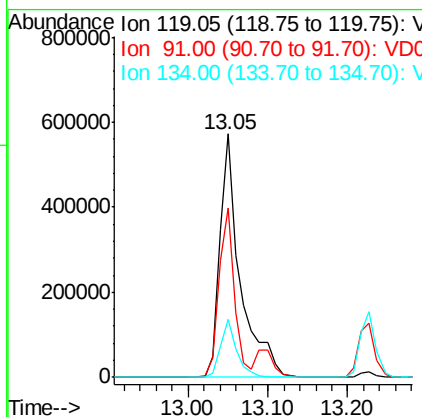
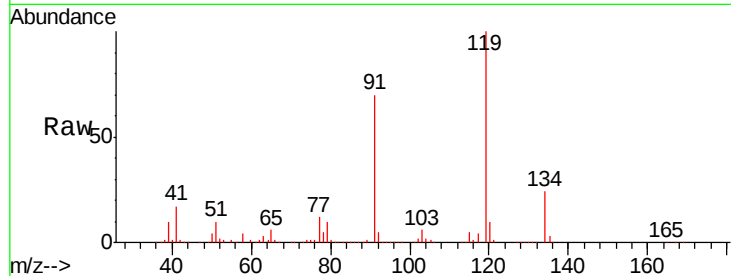




#83  
 tert-Butylbenzene  
 Concen: 22.66 ug/l  
 RT: 13.05 min Scan# 1171  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

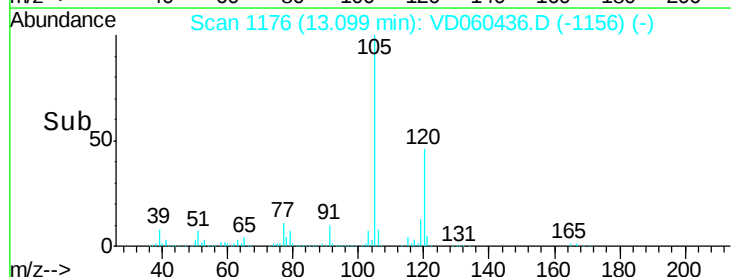
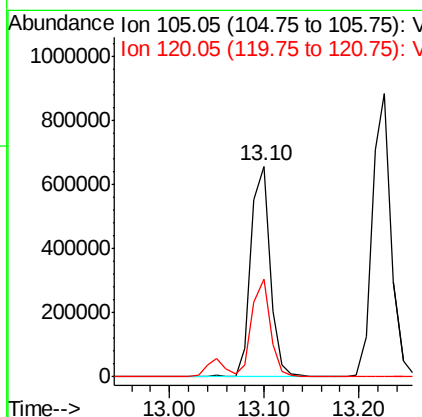
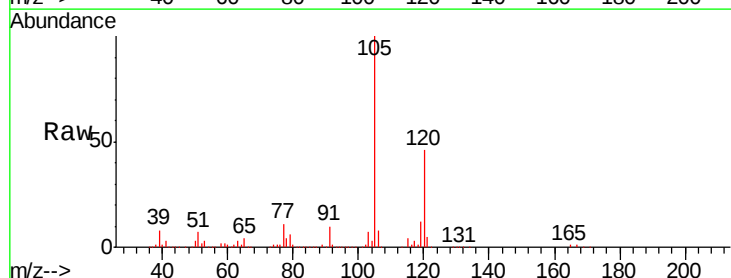
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1121SBS01

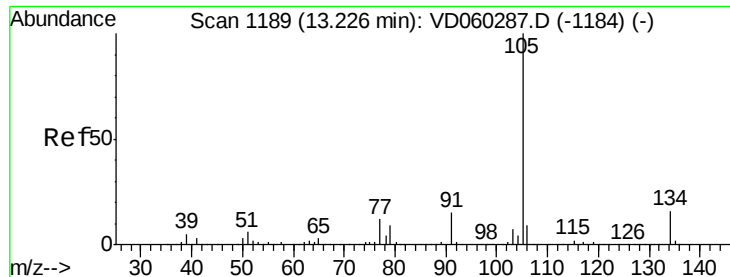
Tgt Ion:119 Resp: 1030325  
 Ion Ratio Lower Upper  
 119 100  
 91 69.5 32.7 98.1  
 134 23.6 12.1 36.3



#84  
 1,2,4-Trimethylbenzene  
 Concen: 22.73 ug/l  
 RT: 13.10 min Scan# 1176  
 Delta R.T. 0.00 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

Tgt Ion:105 Resp: 929741  
 Ion Ratio Lower Upper  
 105 100  
 120 46.3 21.9 65.8

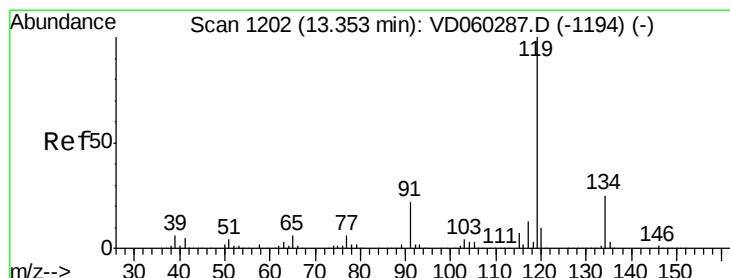
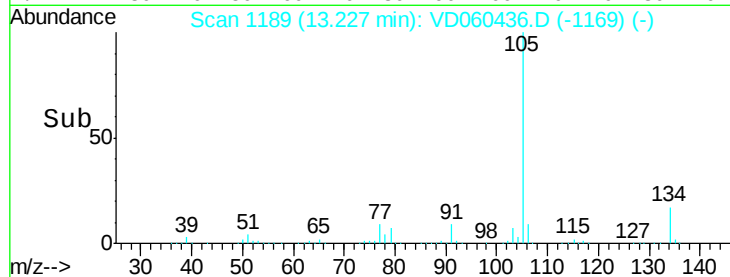
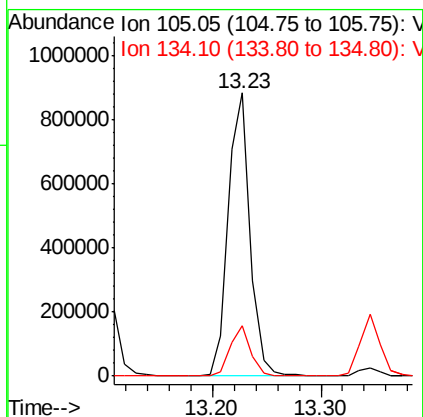
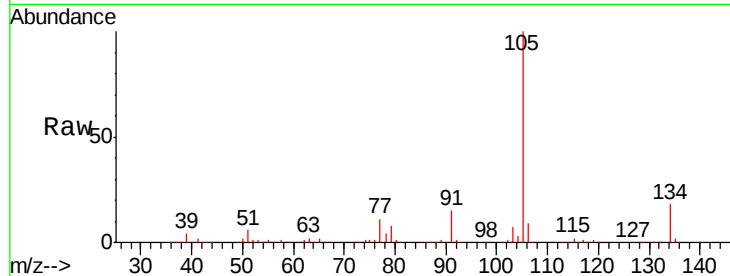




#85  
 sec-Butylbenzene  
 Concen: 22.03 ug/l  
 RT: 13.23 min Scan# 1189  
 Delta R.T. 0.00 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

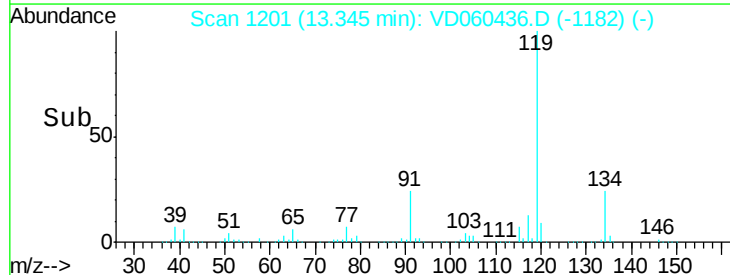
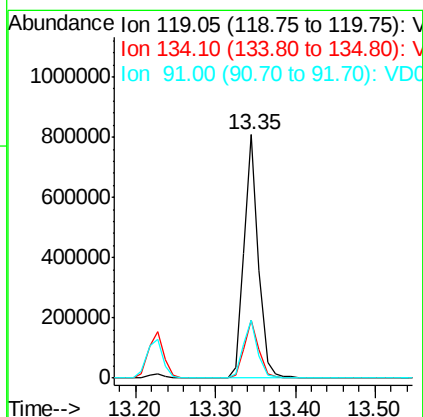
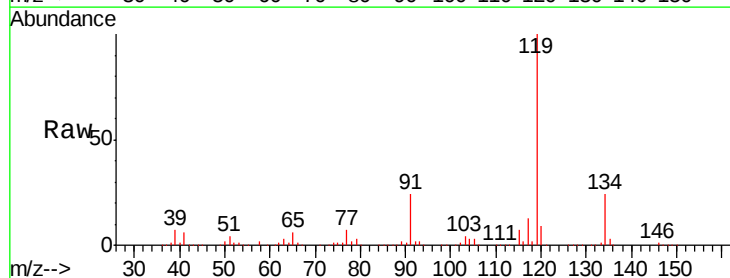
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1121SBS01

Tgt Ion:105 Resp: 1229015  
 Ion Ratio Lower Upper  
 105 100  
 134 17.7 8.0 24.0



#86  
 p-Isopropyltoluene  
 Concen: 22.38 ug/l  
 RT: 13.35 min Scan# 1201  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

Tgt Ion:119 Resp: 1005131  
 Ion Ratio Lower Upper  
 119 100  
 134 23.8 12.9 38.6  
 91 23.8 11.3 33.8

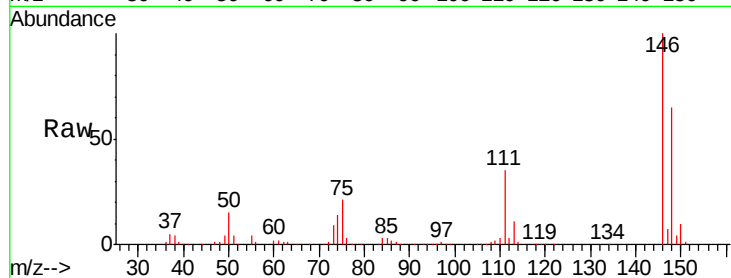




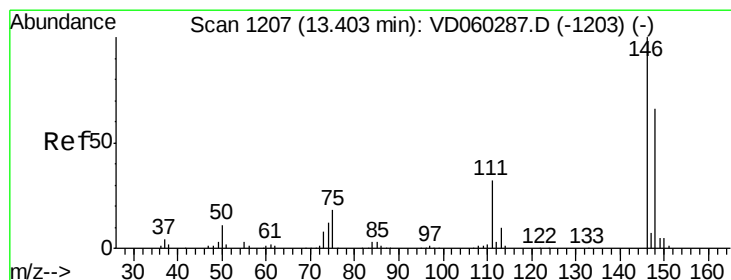
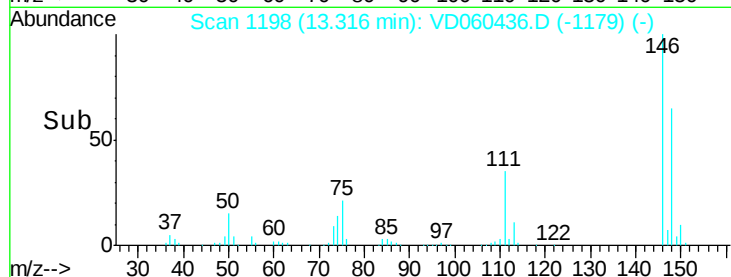
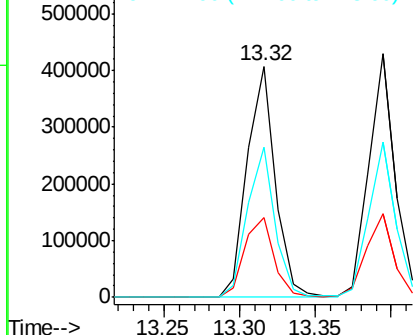
#87  
 1,3-Dichlorobenzene  
 Concen: 21.25 ug/l  
 RT: 13.32 min Scan# 1198  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1121SBS01

Tgt Ion:146 Resp: 529253  
 Ion Ratio Lower Upper  
 146 100  
 111 34.8 20.2 60.5  
 148 64.9 32.0 96.0

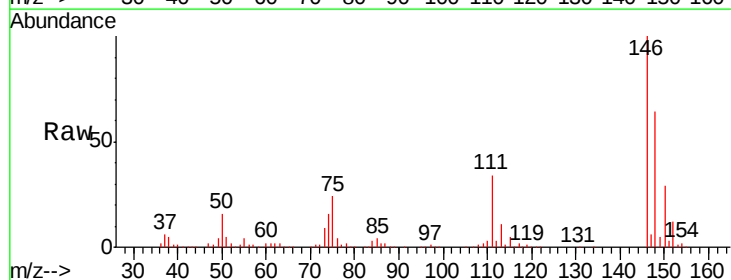


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

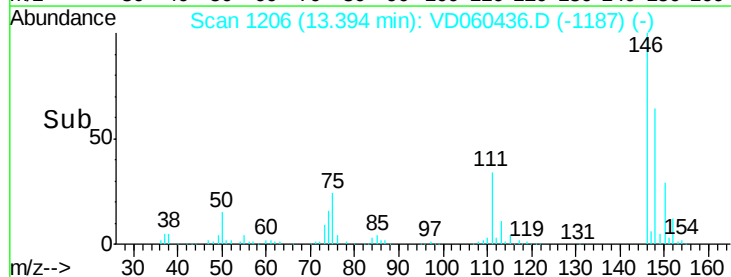
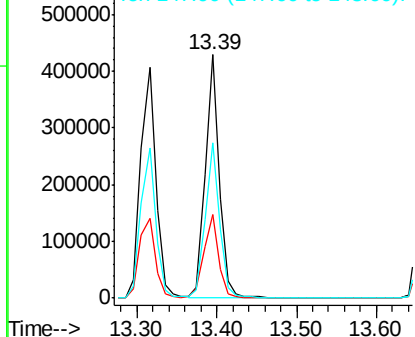


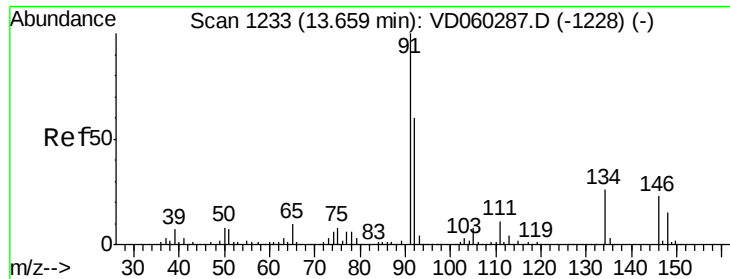
#88  
 1,4-Dichlorobenzene  
 Concen: 21.64 ug/l  
 RT: 13.39 min Scan# 1206  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

Tgt Ion:146 Resp: 526190  
 Ion Ratio Lower Upper  
 146 100  
 111 34.2 16.0 47.9  
 148 63.8 32.9 98.7



Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

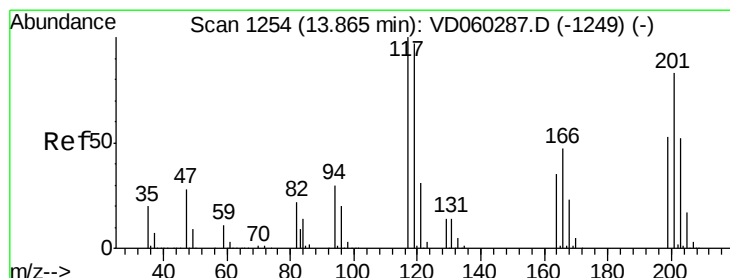
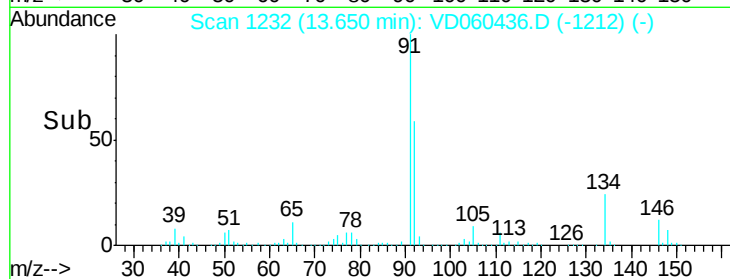
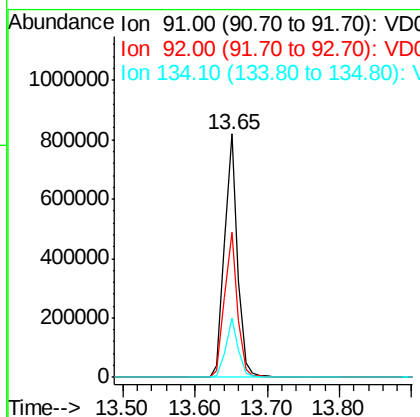
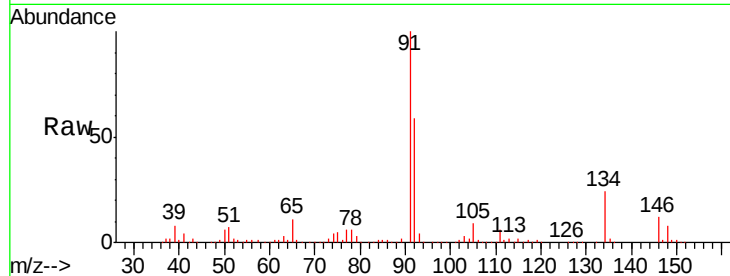




#89  
n-Butylbenzene  
Concen: 20.71 ug/l  
RT: 13.65 min Scan# 1232  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

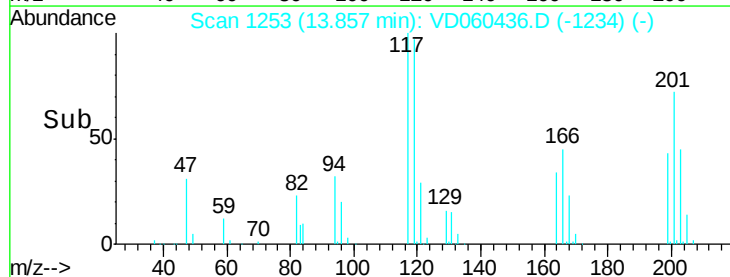
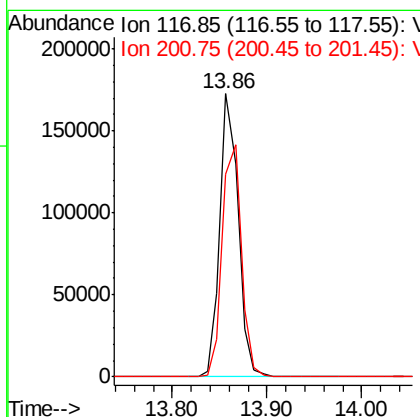
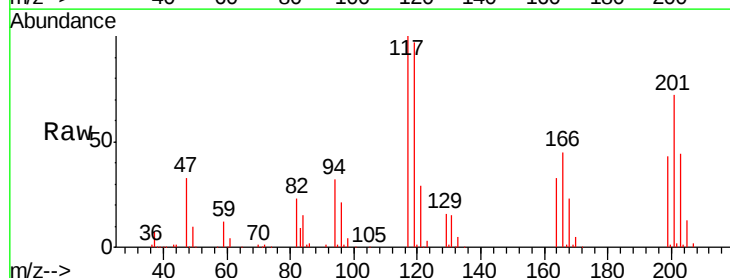
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1121SBS01

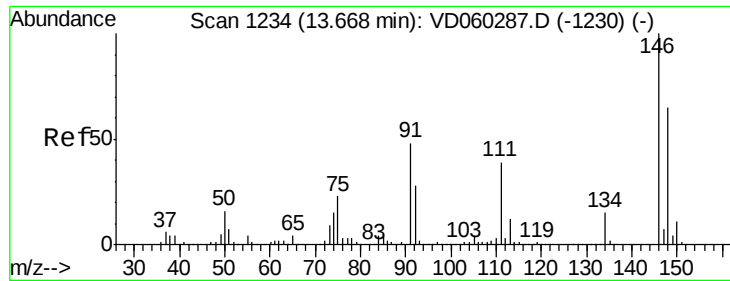
Tgt Ion: 91 Resp: 1019380  
Ion Ratio Lower Upper  
91 100  
92 59.4 30.3 90.9  
134 24.2 13.0 38.9



#90  
Hexachloroethane  
Concen: 21.86 ug/l  
RT: 13.86 min Scan# 1253  
Delta R.T. -0.01 min  
Lab File: VD060436.D  
Acq: 21 Nov 2018 12:16

Tgt Ion: 117 Resp: 232820  
Ion Ratio Lower Upper  
117 100  
201 71.8 40.1 120.3

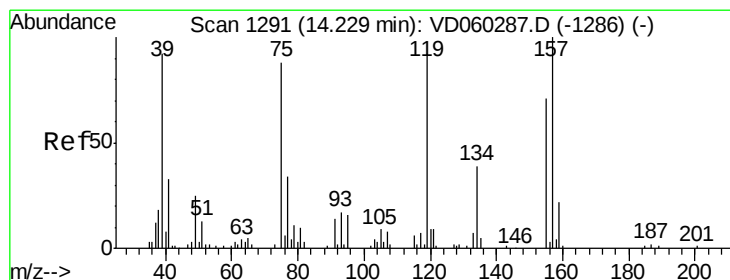
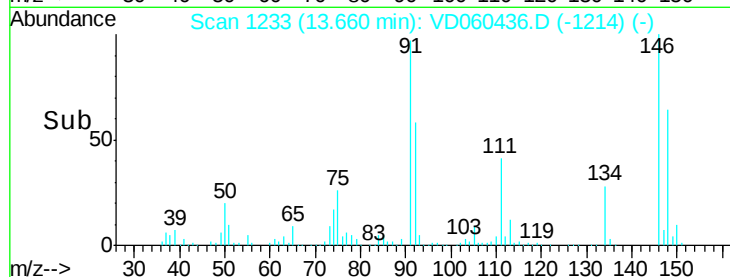
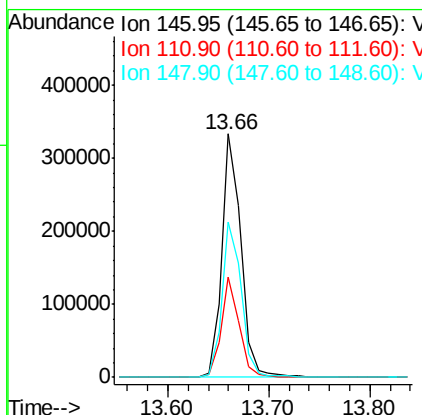
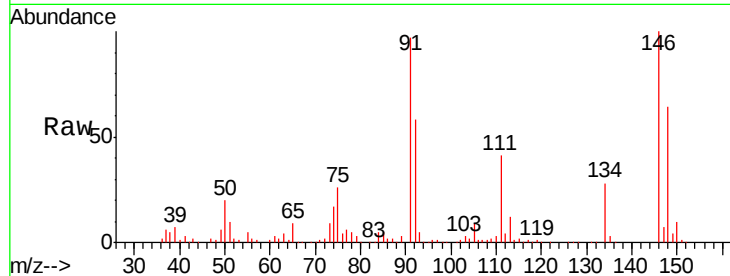




#91  
 1,2-Dichlorobenzene  
 Concen: 21.67 ug/l  
 RT: 13.66 min Scan# 1233  
 Delta R.T. -0.01 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

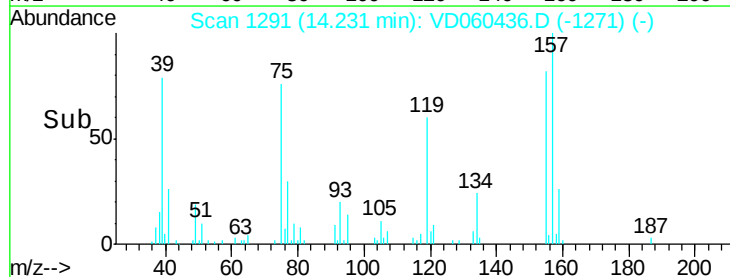
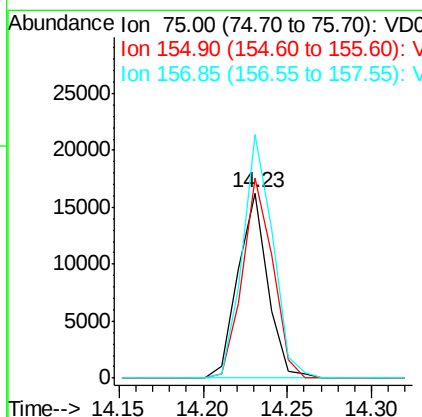
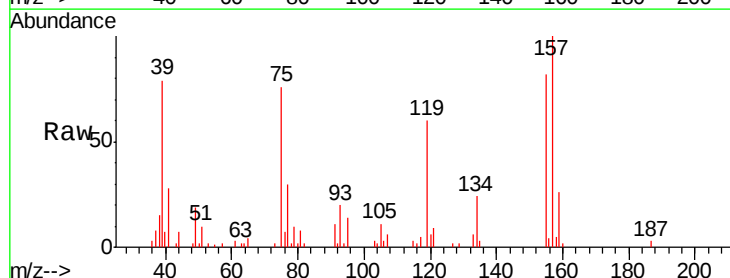
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1121SBS01

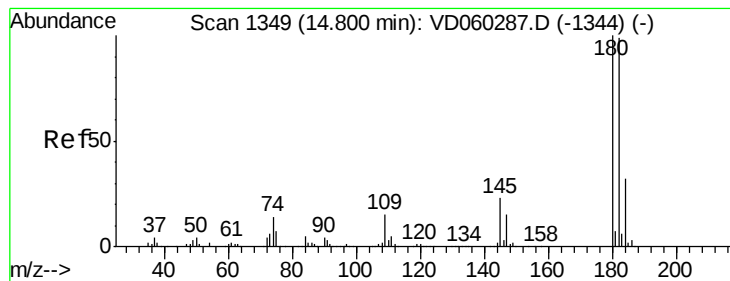
Tgt Ion: 146 Resp: 443258  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 18.9 56.9  
 148 63.9 31.6 94.8



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.23 ug/l  
 RT: 14.23 min Scan# 1291  
 Delta R.T. 0.00 min  
 Lab File: VD060436.D  
 Acq: 21 Nov 2018 12:16

Tgt Ion: 75 Resp: 20004  
 Ion Ratio Lower Upper  
 75 100  
 155 108.5 64.3 192.9  
 157 131.6 81.0 243.1





#93

1,2,4-Trichlorobenzene

Concen: 20.82 ug/l

RT: 14.79 min Scan# 1348

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

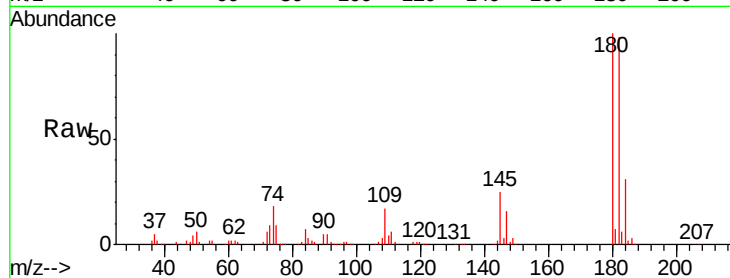
Tgt Ion:180 Resp: 337705

Ion Ratio Lower Upper

180 100

182 98.0 48.1 144.4

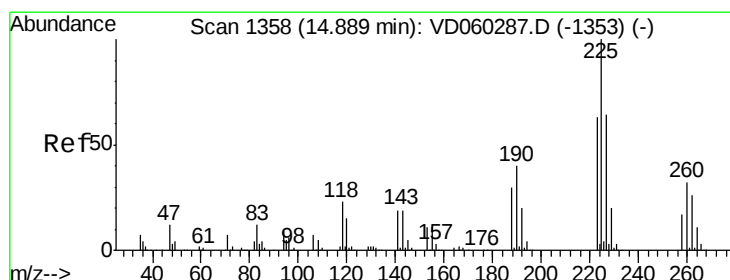
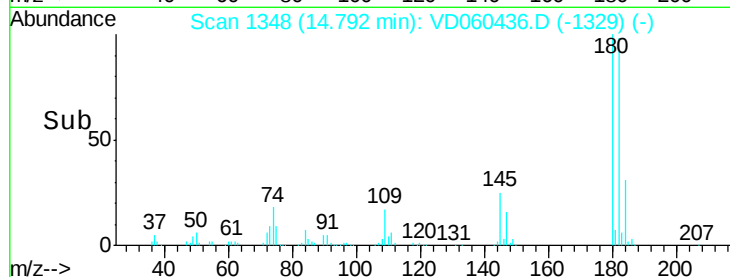
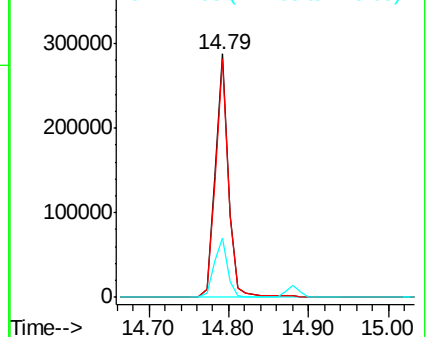
145 24.5 11.5 34.4



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



#94

Hexachlorobutadiene

Concen: 20.03 ug/l

RT: 14.88 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

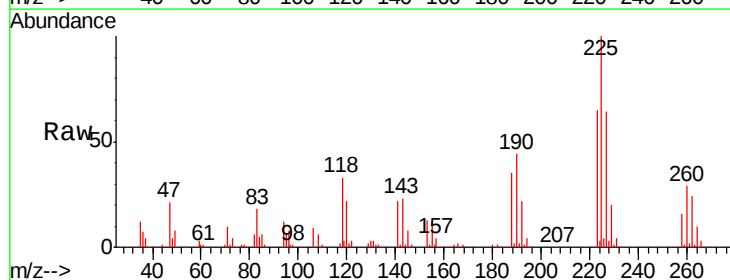
Tgt Ion:225 Resp: 243013

Ion Ratio Lower Upper

225 100

223 64.6 31.6 94.8

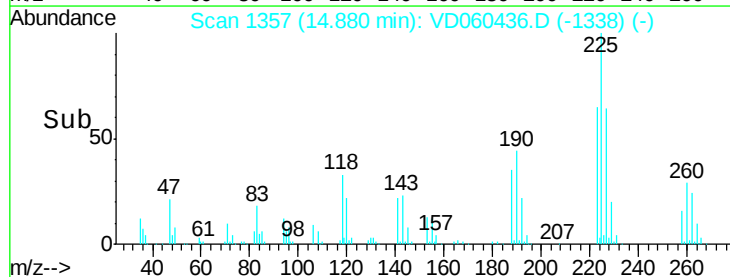
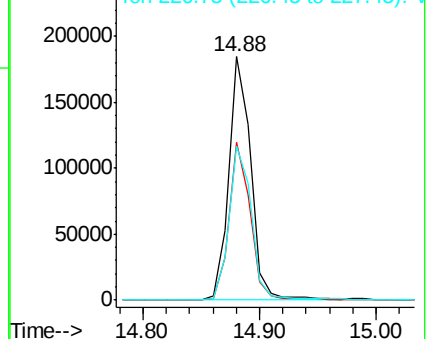
227 63.5 32.3 96.9

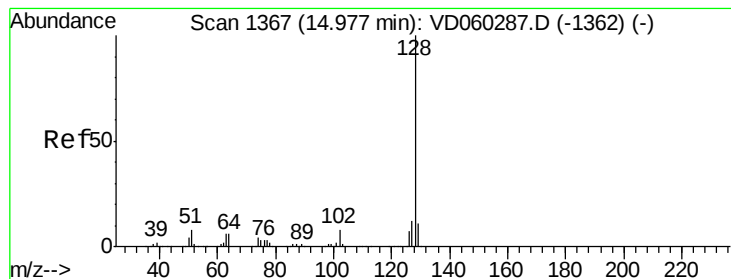


Abundance Ion 224.75 (224.45 to 225.45): V

Ion 222.75 (222.45 to 223.45): V

Ion 226.75 (226.45 to 227.45): V





#95

Naphthalene

Concen: 19.26 ug/l

RT: 14.97 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

Instrument :

MSVOA\_D

ClientSampleId :

VD1121SBS01

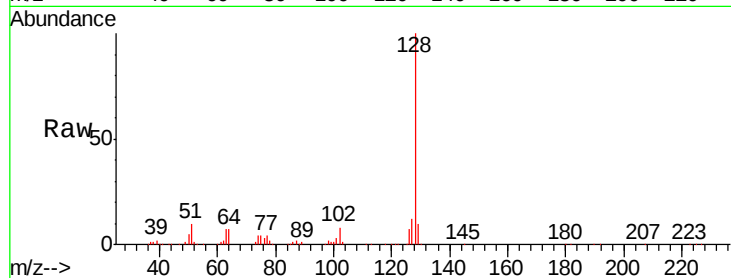
Tgt Ion:128 Resp: 381357

Ion Ratio Lower Upper

128 100

127 11.8 9.6 14.4

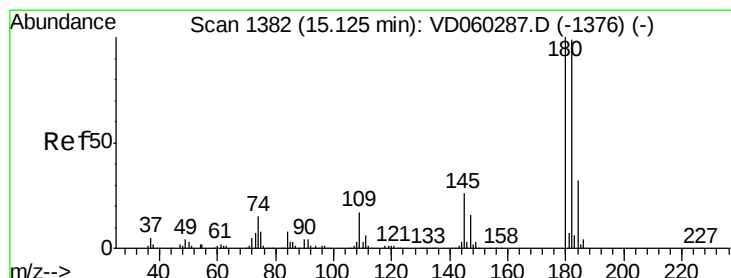
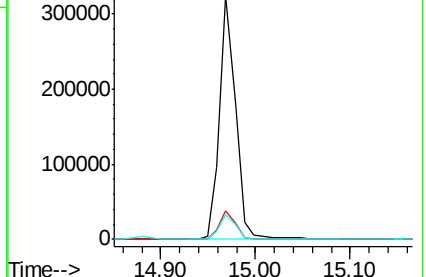
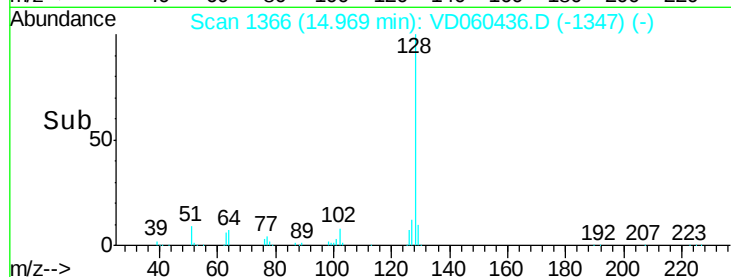
129 10.3 8.6 12.8



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: 19.84 ug/l

RT: 15.12 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VD060436.D

Acq: 21 Nov 2018 12:16

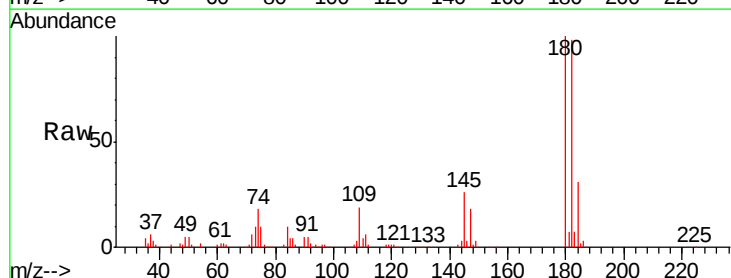
Tgt Ion:180 Resp: 257823

Ion Ratio Lower Upper

180 100

182 97.5 48.9 146.7

145 26.2 12.9 38.6



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

