

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082719\  
 Data File : VN057547.D  
 Acq On : 27 Aug 2019 11:34  
 Operator : JC/SP  
 Sample : VN0827WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0827WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 8/28/2019 4:26:43 PM

Quant Time: Aug 27 12:33:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Aug 23 23:15:31 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.18  | 128  | 67134    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.57  | 114  | 378302   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.41 | 117  | 333443   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 8.01   | 65    | 194004   | 29.98    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 99.93%  |
| 60) 4-Bromofluorobenzene  | 12.40  | 95    | 153382   | 27.89    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 92.97%  |
| 63) Toluene-d8            | 10.09  | 98    | 509851   | 30.28    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 100.93% |

## Target Compounds

|                               |      |     |         |        | Ovalue     |
|-------------------------------|------|-----|---------|--------|------------|
| 2) Dichlorodifluoromethane    | 1.84 | 85  | 66470   | 18.926 | ug/l 98    |
| 3) Chloromethane              | 2.05 | 50  | 103760  | 19.674 | ug/l 99    |
| 4) Vinyl Chloride             | 2.17 | 62  | 131417  | 19.614 | ug/l 99    |
| 5) Bromomethane               | 2.55 | 94  | 83510   | 19.267 | ug/l 98    |
| 6) Chloroethane               | 2.69 | 64  | 85307   | 19.008 | ug/l 100   |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 200132  | 18.780 | ug/l 97    |
| 8) Diethyl Ether              | 3.39 | 74  | 74761   | 18.261 | ug/l 96    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 72482   | 12.076 | ug/l 98    |
| 10) 1,1-Dichloroethene        | 3.70 | 96  | 84338   | 14.554 | ug/l 96    |
| 11) Methyl Iodide             | 3.92 | 142 | 85276   | 16.372 | ug/l 98    |
| 13) Acrolein                  | 3.58 | 56  | 68023   | 91.628 | ug/l 94    |
| 14) Acrylonitrile             | 4.97 | 53  | 193265  | 95.303 | ug/l 98    |
| 15) Acetone                   | 3.80 | 58  | 48165   | 50.772 | ug/l 97    |
| 16) Carbon Disulfide          | 4.02 | 76  | 183029  | 17.733 | ug/l 96    |
| 17) Allvl chloride            | 4.29 | 41  | 146649  | 18.551 | ug/l 98    |
| 18) Methylene Chloride        | 4.52 | 84  | 84614m  | 19.911 | ug/l       |
| 19) trans-1,2-Dichloroethene  | 5.01 | 96  | 79986   | 19.988 | ug/l 95    |
| 20) Diisopropyl ether         | 5.93 | 45  | 322887  | 19.132 | ug/l 99    |
| 21) 1,1-Dichloroethane        | 5.82 | 63  | 171226  | 19.524 | ug/l 99    |
| 22) cis-1,2-Dichloroethene    | 6.81 | 96  | 94427   | 19.400 | ug/l 97    |
| 23) tert-Butyl Alcohol        | 4.79 | 59  | 62361   | 84.656 | ug/l # 100 |
| 24) Methyl tert-Butyl Ether   | 5.02 | 73  | 267986  | 20.017 | ug/l 98    |
| 25) Chloroform                | 7.36 | 83  | 172659  | 19.830 | ug/l 97    |
| 26) Cyclohexane               | 7.64 | 56  | 147486  | 18.886 | ug/l # 99  |
| 29) 1,1-Dichloropropene       | 7.78 | 75  | 123815  | 19.258 | ug/l 99    |
| 30) 2-Butanone                | 6.82 | 43  | 270313  | 87.448 | ug/l # 82  |
| 31) 2,2-Dichloropropane       | 6.81 | 77  | 134087m | 18.254 | ug/l       |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 140038  | 19.053 | ug/l 97    |
| 33) Carbon Tetrachloride      | 7.76 | 117 | 112847  | 18.490 | ug/l 97    |
| 34) Benzene                   | 8.03 | 78  | 374837  | 19.826 | ug/l 99    |
| 35) Methacrylonitrile         | 7.16 | 41  | 56620   | 18.099 | ug/l 96    |
| 36) 1,2-Dichloroethane        | 8.11 | 62  | 145125  | 19.581 | ug/l # 87  |
| 37) Trichloroethene           | 8.83 | 130 | 84952   | 19.694 | ug/l 98    |
| 38) Methylcyclohexane         | 9.07 | 83  | 138583  | 19.204 | ug/l 96    |
| 39) 1,2-Dichloropropane       | 9.11 | 63  | 101214  | 18.827 | ug/l 92    |
| 40) Dibromomethane            | 9.20 | 93  | 63144   | 19.219 | ug/l 96    |
| 41) Bromodichloromethane      | 9.39 | 83  | 130260  | 18.694 | ug/l 95    |

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 Operator : JC/SP  
 Sample : VN0827WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0827WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 8/28/2019 4:26:43 PM

Quant Time: Aug 27 12:33:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Aug 23 23:15:31 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 42) Vinyl Acetate              | 5.88  | 43   | 1247639  | 90.192  | ug/l   | 100      |
| 43) Ethyl Acetate              | 6.92  | 43   | 112960   | 18.774  | ug/l # | 81       |
| 44) Isopropyl Acetate          | 8.16  | 43   | 205714   | 17.910  | ug/l # | 93       |
| 45) 1,4-Dioxane                | 9.19  | 88   | 24478    | 354.553 | ug/l   | 98       |
| 46) Methyl methacrylate        | 9.19  | 41   | 100042   | 18.341  | ug/l   | 99       |
| 47) n-amyl Acetate             | 12.07 | 43   | 157660   | 17.055  | ug/l   | 98       |
| 48) t-1,3-Dichloropropene      | 10.38 | 75   | 128798   | 17.497  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene    | 9.83  | 75   | 147611   | 18.244  | ug/l   | 98       |
| 50) 1,1,2-Trichloroethane      | 10.56 | 97   | 86317    | 20.036  | ug/l   | 95       |
| 51) Ethyl methacrylate         | 10.43 | 69   | 130389   | 18.207  | ug/l   | 98       |
| 52) 1,3-Dichloropropane        | 10.70 | 76   | 151534   | 19.293  | ug/l   | 98       |
| 53) Dibromochloromethane       | 10.90 | 129  | 81391    | 17.722  | ug/l   | 98       |
| 54) 1,2-Dibromoethane          | 11.00 | 107  | 82603    | 18.739  | ug/l   | 97       |
| 55) 2-Chloroethyl vinyl ether  | 9.69  | 63   | 180754   | 102.390 | ug/l   | 99       |
| 56) Bromoform                  | 12.13 | 173  | 44632    | 16.283  | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone       | 9.98  | 43   | 591756   | 90.464  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 392430   | 86.552  | ug/l   | 99       |
| 61) Tetrachloroethene          | 10.63 | 164  | 74550    | 19.495  | ug/l   | 95       |
| 62) Toluene                    | 10.15 | 91   | 385545   | 18.919  | ug/l   | 99       |
| 64) Chlorobenzene              | 11.43 | 112  | 209655   | 18.923  | ug/l   | 96       |
| 65) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 76565    | 18.185  | ug/l   | 97       |
| 66) Ethyl Benzene              | 11.51 | 91   | 410317   | 18.813  | ug/l   | 99       |
| 67) m/p-Xylenes                | 11.62 | 106  | 283718   | 37.505  | ug/l   | 97       |
| 68) o-Xylene                   | 11.95 | 106  | 139838   | 18.705  | ug/l   | 96       |
| 69) Styrene                    | 11.96 | 104  | 219378   | 18.369  | ug/l   | 97       |
| 70) Isopropylbenzene           | 12.25 | 105  | 377386   | 18.870  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 107022   | 18.505  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane     | 12.55 | 75   | 96687m   | 18.416  | ug/l   |          |
| 73) Bromobenzene               | 12.53 | 156  | 74635    | 18.438  | ug/l   | 96       |
| 74) n-propylbenzene            | 12.59 | 91   | 410098   | 17.983  | ug/l   | 100      |
| 75) 2-Chlorotoluene            | 12.68 | 91   | 246677   | 18.367  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 299911   | 18.273  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene    | 12.30 | 75   | 29463    | 15.649  | ug/l   | 94       |
| 78) 4-Chlorotoluene            | 12.77 | 91   | 224002   | 17.652  | ug/l   | 98       |
| 79) tert-butylbenzene          | 12.99 | 119  | 261090   | 18.695  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 285173   | 18.637  | ug/l   | 99       |
| 81) sec-Butylbenzene           | 13.17 | 105  | 329607   | 17.910  | ug/l   | 98       |
| 82) p-Isopropyltoluene         | 13.29 | 119  | 274117   | 17.717  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene        | 13.28 | 146  | 107220   | 17.015  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene        | 13.37 | 146  | 104806   | 17.096  | ug/l   | 98       |
| 85) n-Butylbenzene             | 13.62 | 91   | 221229   | 16.401  | ug/l   | 99       |
| 86) Hexachloroethane           | 13.88 | 117  | 49815    | 15.957  | ug/l   | 100      |
| 87) 1,2-Dichlorobenzene        | 13.66 | 146  | 110239   | 17.813  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 14973    | 15.427  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 28830    | 12.433  | ug/l   | 97       |
| 90) Hexachlorobutadiene        | 15.01 | 225  | 33495    | 18.787  | ug/l   | 96       |
| 91) Naphthalene                | 15.13 | 128  | 92666    | 18.028  | ug/l   | 98       |
| 92) 1,2,3-Trichlorobenzene     | 15.30 | 180  | 28920    | 12.471  | ug/l   | 98       |

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Data File : VN057547.D  
Acq On : 27 Aug 2019 11:34  
Operator : JC/SP  
Sample : VN0827WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

Manual Integrations  
APPROVED

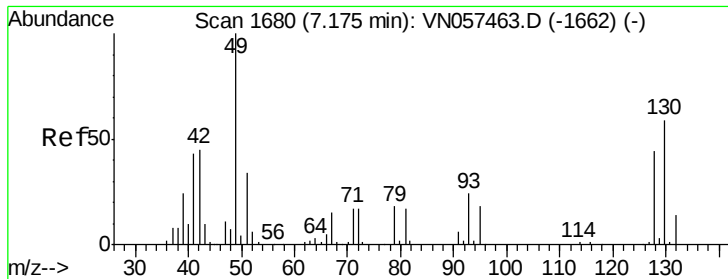
MMDadoda  
8/28/2019 4:26:43 PM

Quant Time: Aug 27 12:33:50 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Aug 23 23:15:31 2019  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.01 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

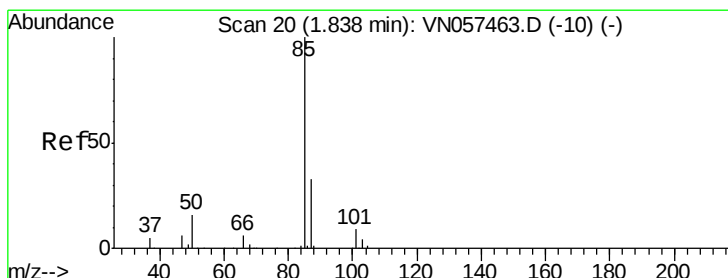
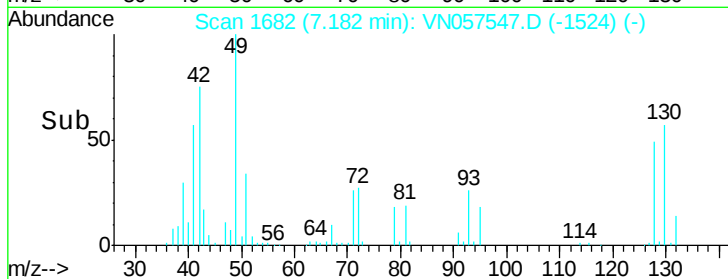
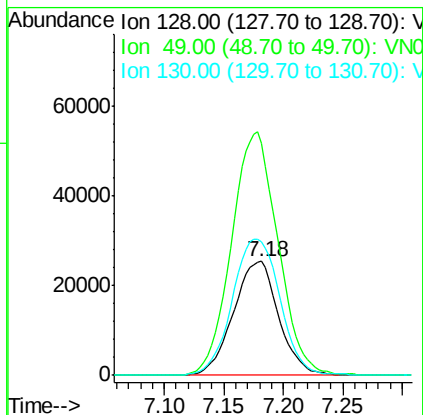
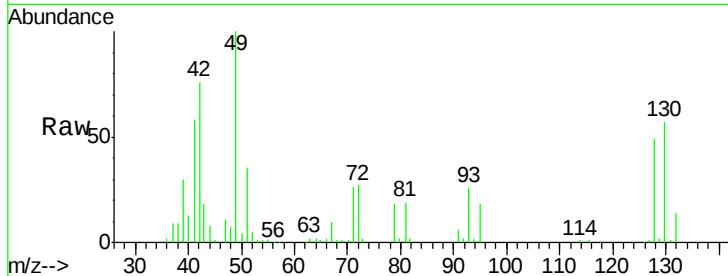
ClientSampleId :

VN0827WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 49      | 218.3 | 0.0   | 560.5 |
| 130     | 125.6 | 0.0   | 317.3 |

Manual Integrations  
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#2

Dichlorodifluoromethane

Concen: 18.926 ug/l

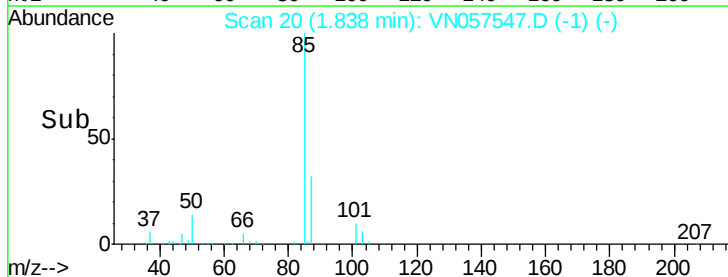
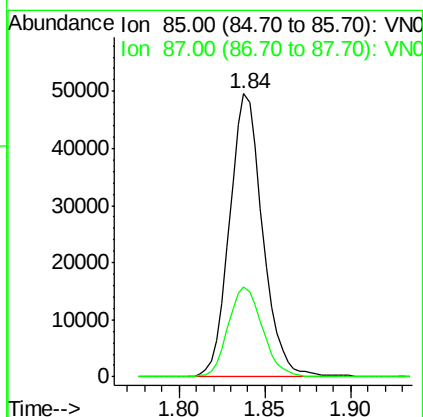
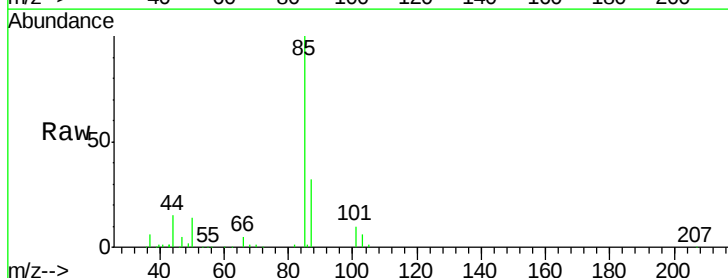
RT: 1.84 min Scan# 20

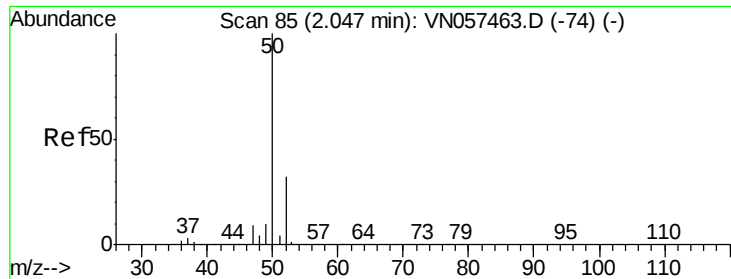
Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 31.7  | 16.4  | 49.1  |





#3

Chloromethane

Concen: 19.674 ug/l

RT: 2.05 min Scan# 85

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0827WBSD01

Tot Ion: 50 Resp: 103760

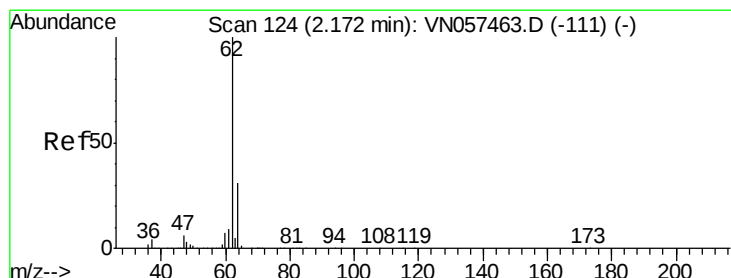
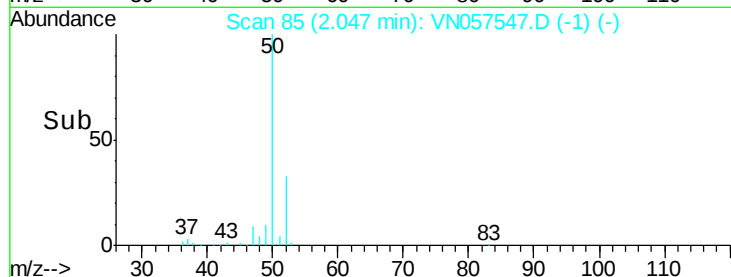
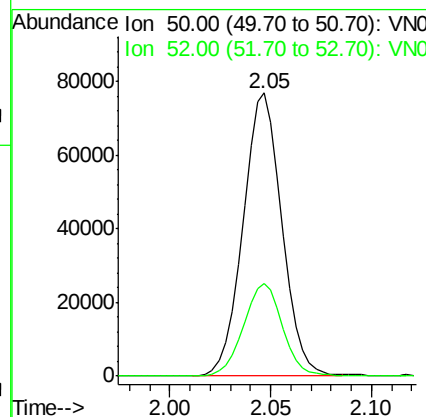
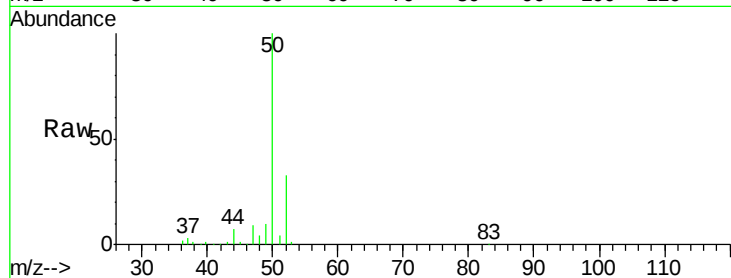
Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6

Manual Integrations  
APPROVED

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8/28/2019 4:26:43 PM



#4

Vinyl Chloride

Concen: 19.614 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN057547.D

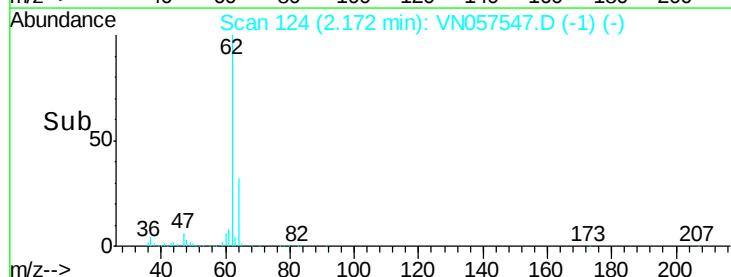
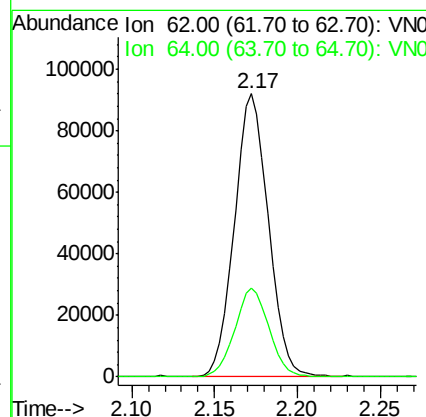
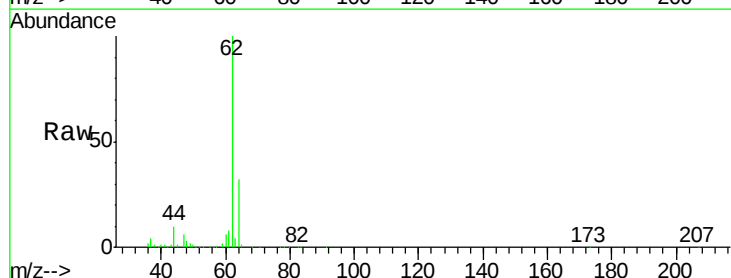
Acq: 27 Aug 2019 11:34

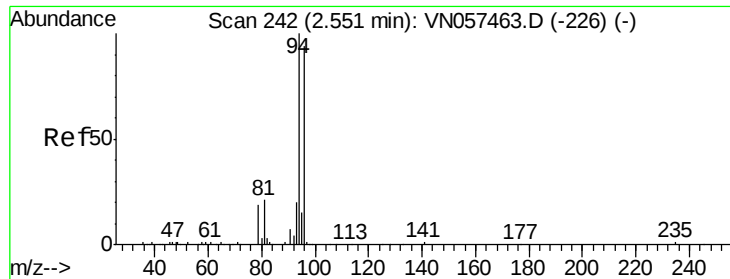
Tgt Ion: 62 Resp: 131417

Ion Ratio Lower Upper

62 100

64 31.4 24.8 37.2





#5

Bromomethane

Concen: 19.267 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0827WBSD01

Tot Ion: 94 Resp: 83510

Ion Ratio Lower Upper

94 100

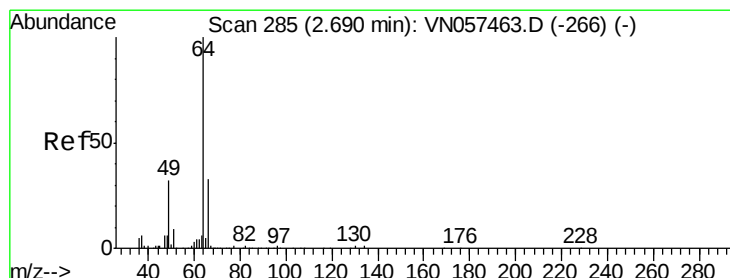
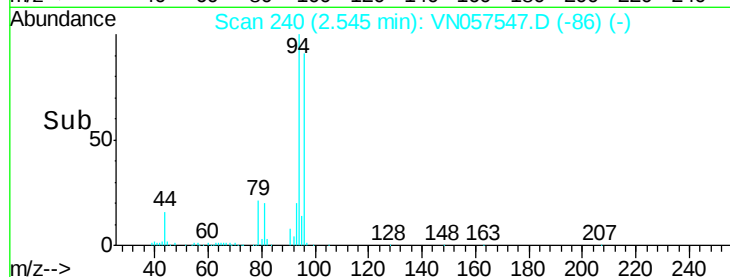
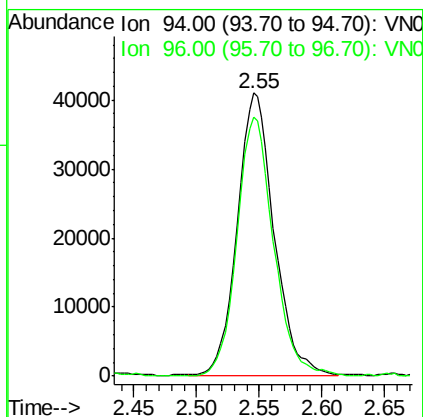
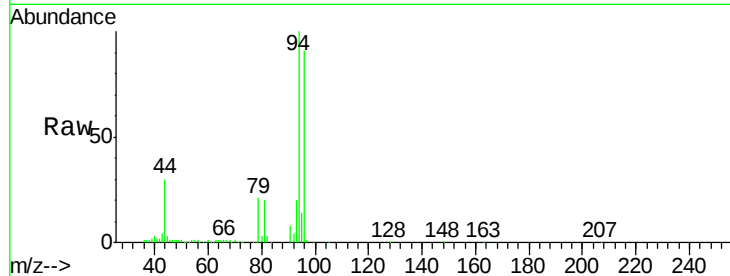
96 91.8 74.8 112.2

Manual Integrations

APPROVED

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8/28/2019 4:26:43 PM



#6

Chloroethane

Concen: 19.008 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.00 min

Lab File: VN057547.D

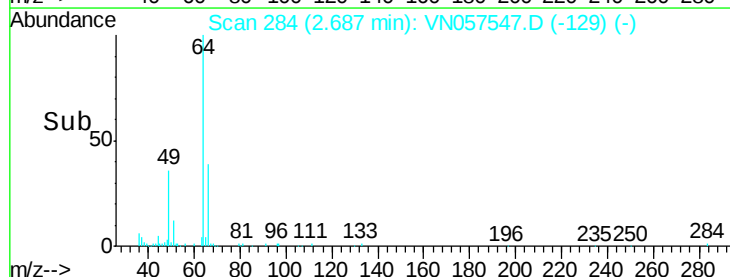
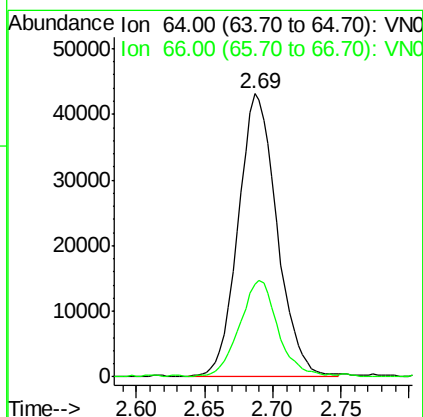
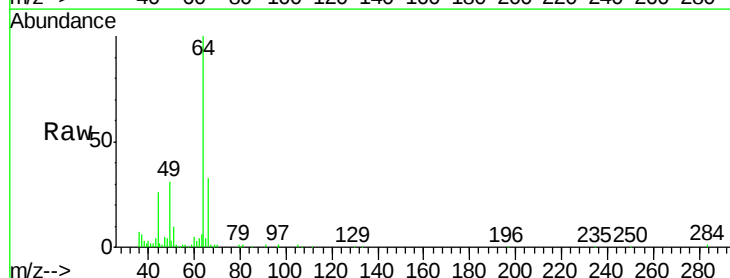
Acq: 27 Aug 2019 11:34

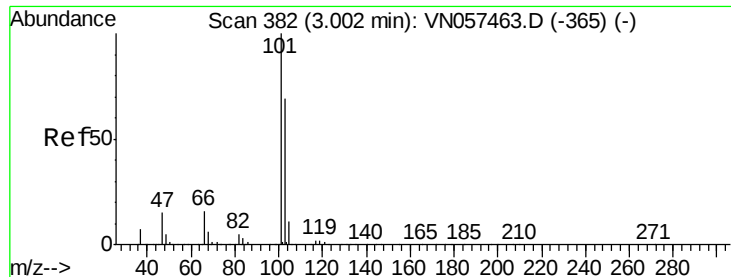
Tgt Ion: 64 Resp: 85307

Ion Ratio Lower Upper

64 100

66 32.9 26.3 39.5





#7

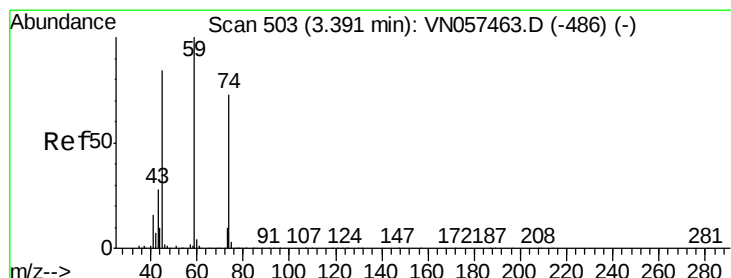
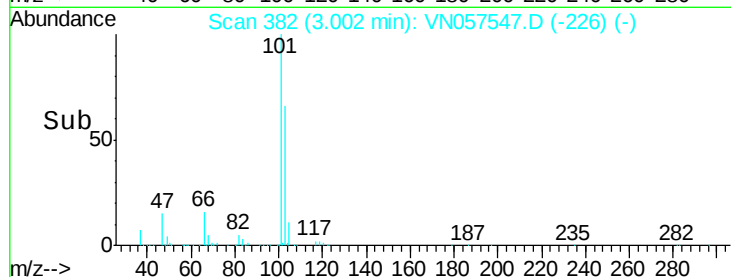
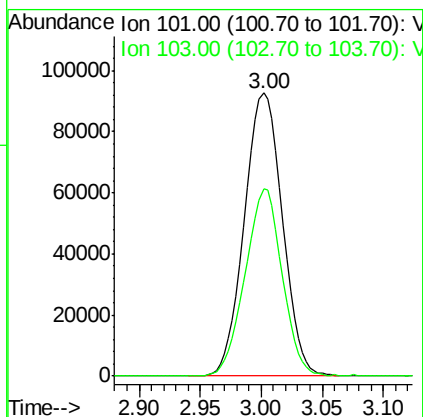
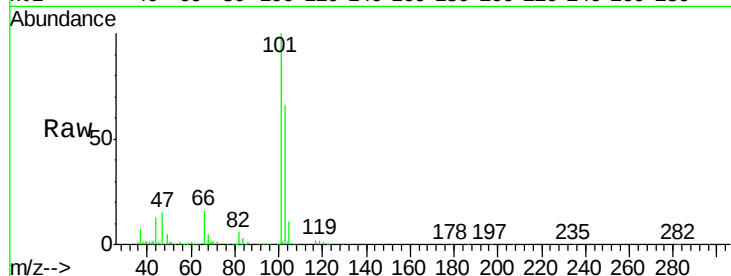
Trichlorofluoromethane  
 Concen: 18.780 ug/l  
 RT: 3.00 min Scan# 382  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0827WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.2  | 55.0  | 82.4  |

Manual Integrations  
 APPROVED

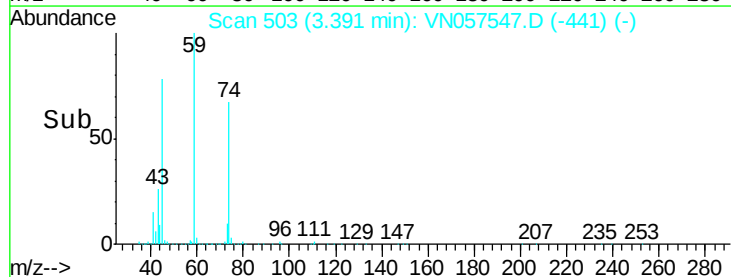
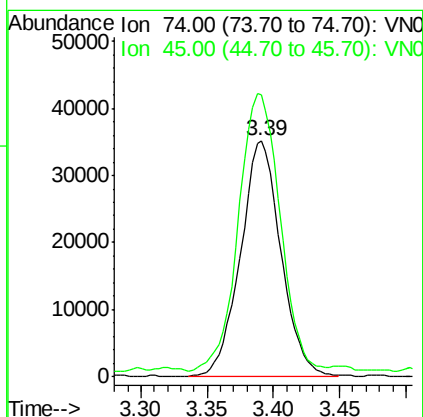
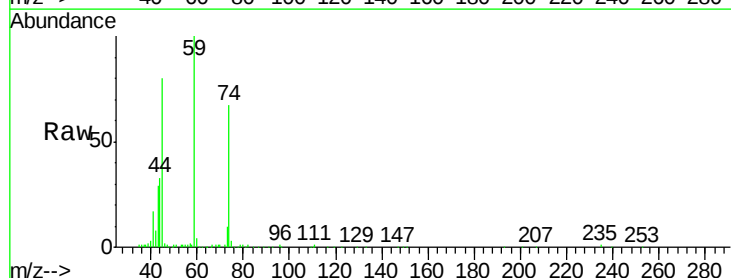
MMDadoda  
 8/28/2019 4:26:43 PM

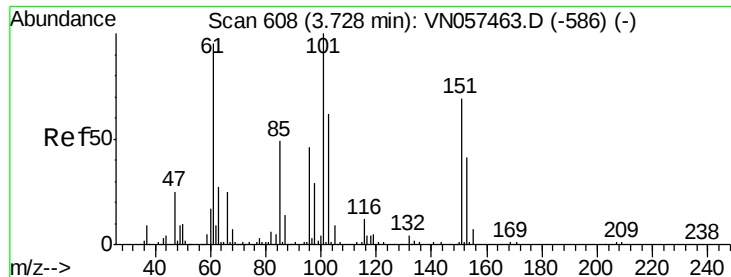


#8

Diethyl Ether  
 Concen: 18.261 ug/l  
 RT: 3.39 min Scan# 503  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 120.2 | 23.2  | 209.0 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.076 ug/l

RT: 3.72 min Scan# 606

Delta R.T. -0.01 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

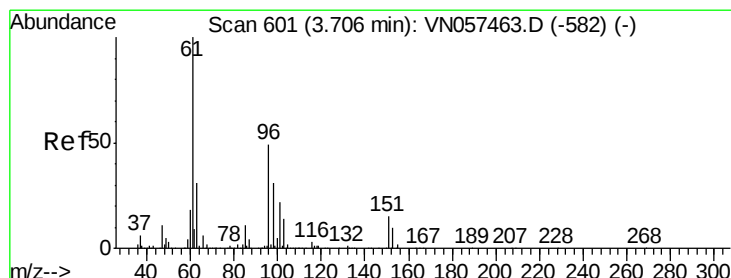
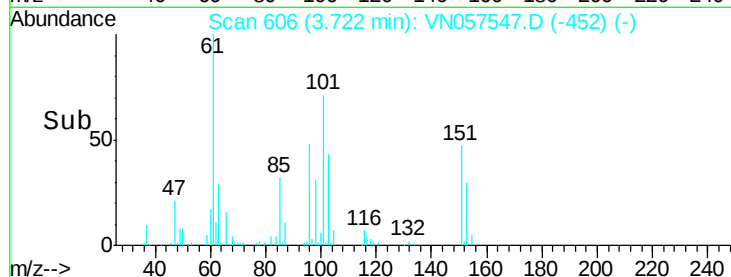
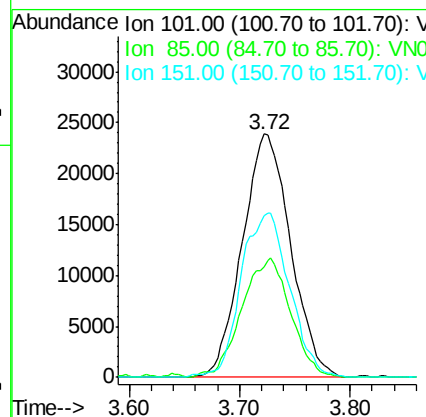
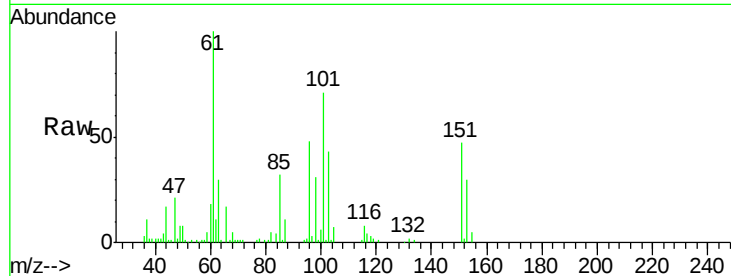
ClientSampleId :

VN0827WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 72482 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 49.0  | 0.0   | 101.6 |
| 151       | 67.7  | 0.0   | 139.4 |

Manual Integrations  
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8/28/2019 4:26:43 PM



#10

1,1-Dichloroethene

Concen: 14.554 ug/l

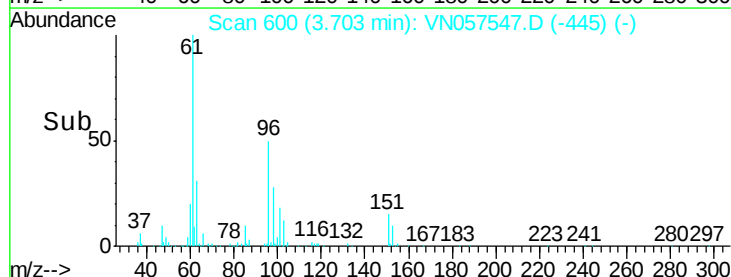
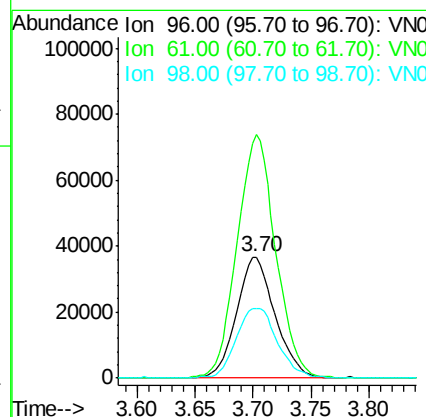
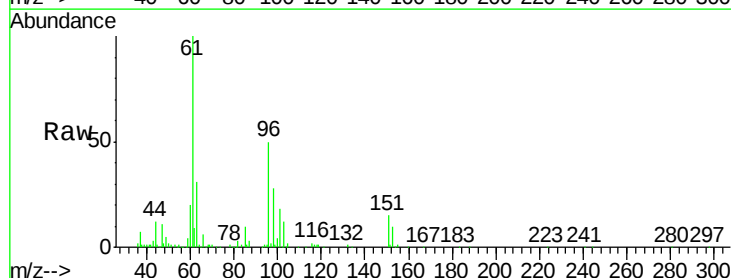
RT: 3.70 min Scan# 600

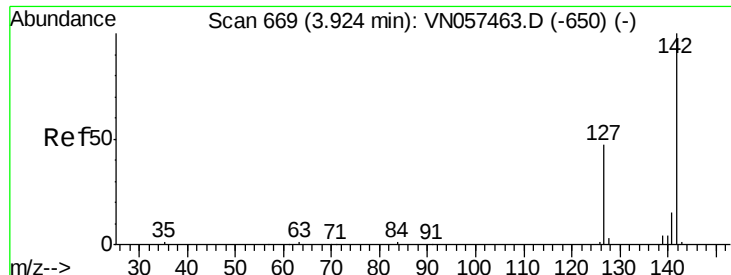
Delta R.T. -0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 84338 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 200.1 | 162.6 | 244.0 |
| 98        | 57.2  | 51.1  | 76.7  |





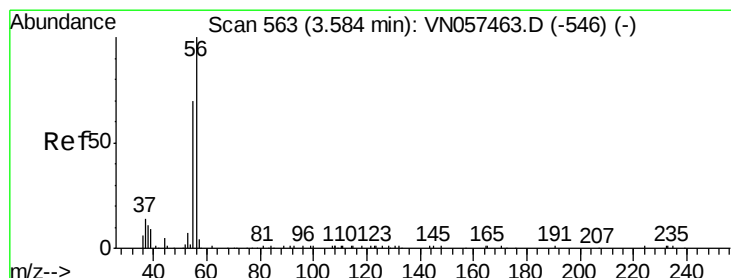
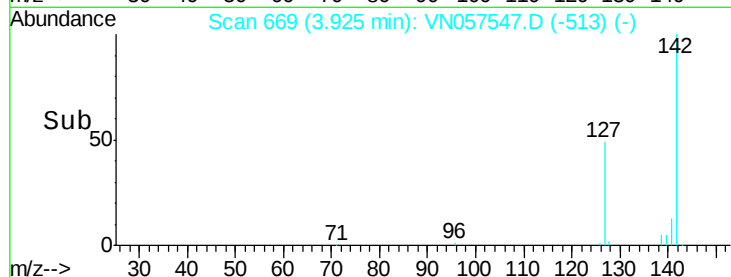
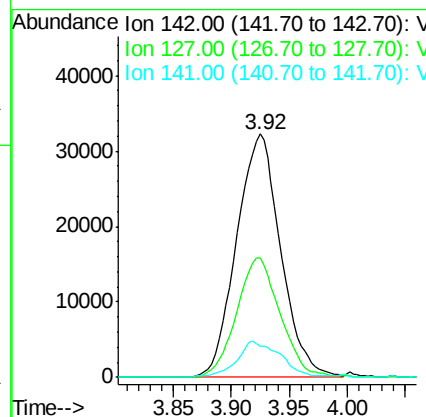
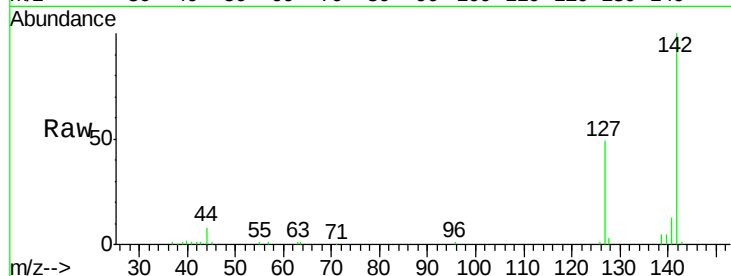
#11  
Methvl Iodide  
Concen: 16.372 ug/l  
RT: 3.92 min Scan# 669  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 48.4  | 24.0  | 72.0  |
| 141     | 12.2  | 7.0   | 21.1  |

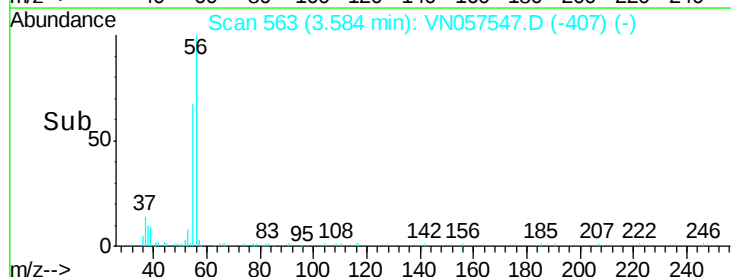
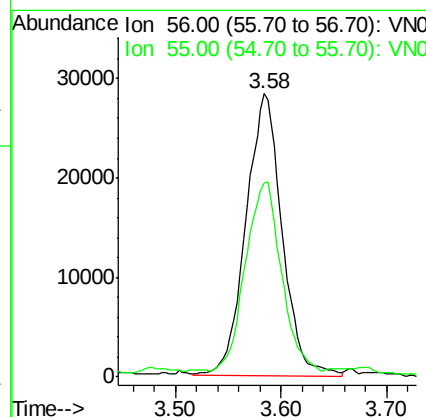
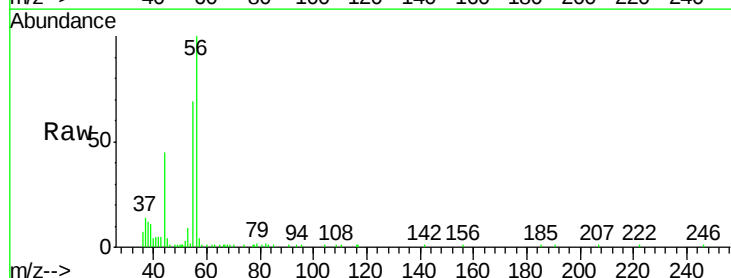
Manual Integrations  
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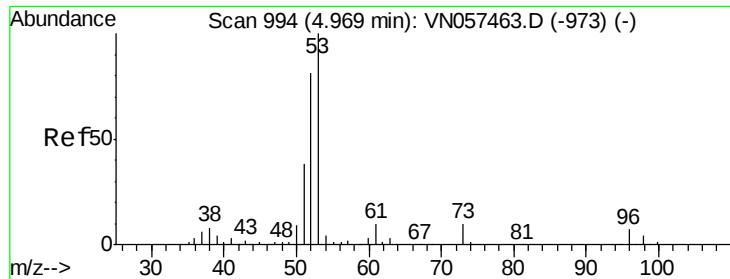
MMDadoda  
8/28/2019 4:26:43 PM



#13  
Acrolein  
Concen: 91.628 ug/l  
RT: 3.58 min Scan# 563  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 65.7  | 56.7  | 85.1  |





#14

Acrylonitrile

Concen: 95.303 ug/l

RT: 4.97 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

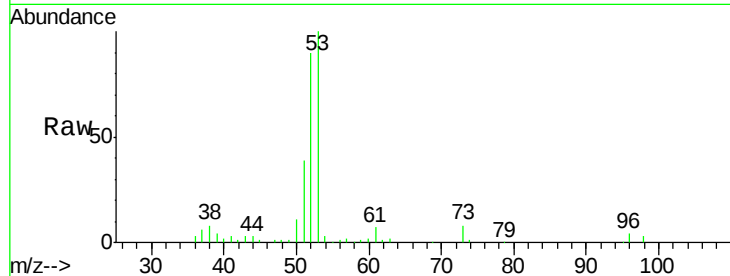
ClientSampleId :

VN0827WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 193265 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.9  | 41.3  | 123.9  |
| 51        | 37.8  | 18.3  | 54.9   |

Manual Integrations  
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8/28/2019 4:26:43 PM

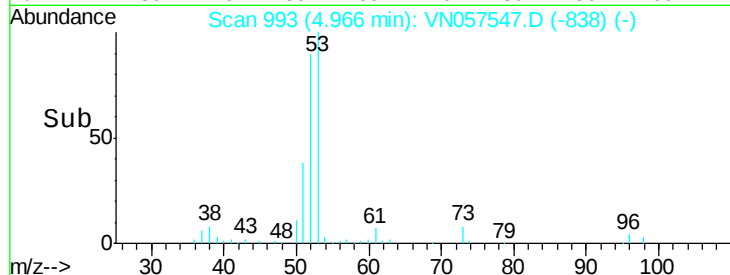


Abundance Ion 53.00 (52.70 to 53.70): VN057463.D (-973) (-)

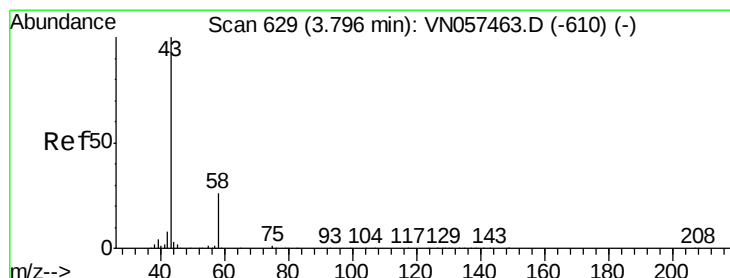
Ion 52.00 (51.70 to 52.70): VN057463.D (-973) (-)

Ion 51.00 (50.70 to 51.70): VN057463.D (-973) (-)

Time-->



Time-->



#15

Acetone

Concen: 50.772 ug/l

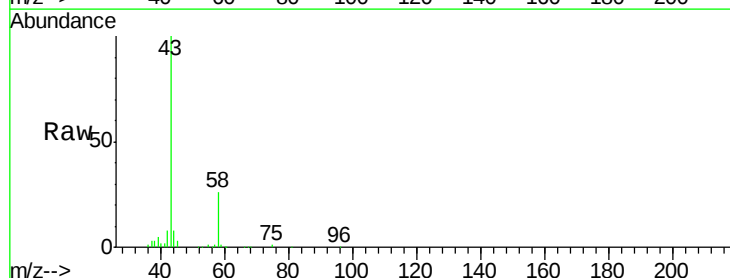
RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

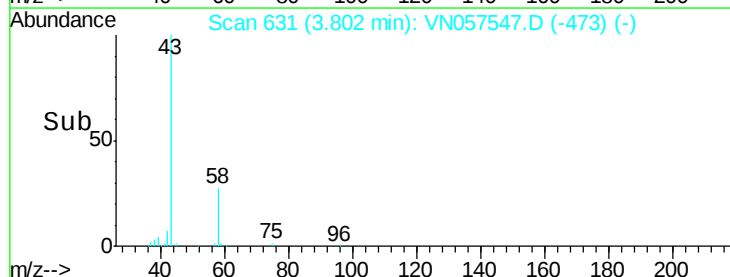
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 58    | Resp: | 48165 |
| Ion Ratio | Lower | Upper |       |
| 58        | 100   |       |       |
| 43        | 373.2 | 304.4 | 456.6 |



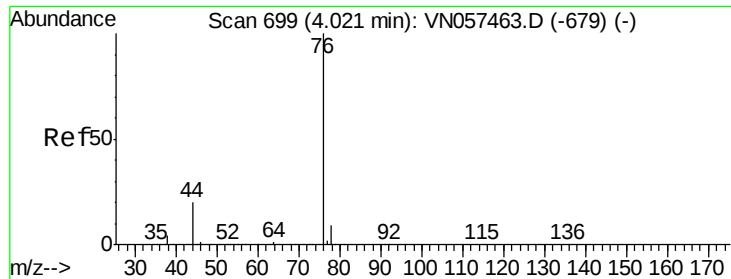
Abundance Ion 58.00 (57.70 to 58.70): VN057463.D (-610) (-)

Ion 43.00 (42.70 to 43.70): VN057463.D (-610) (-)

Time-->



Time-->



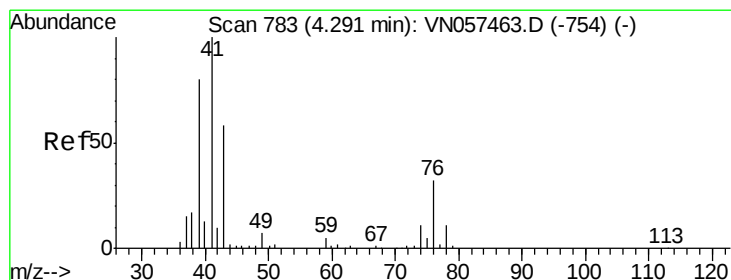
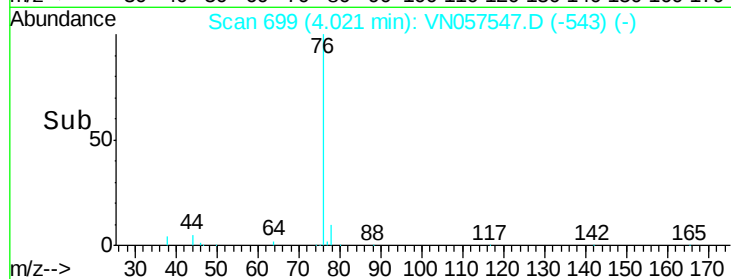
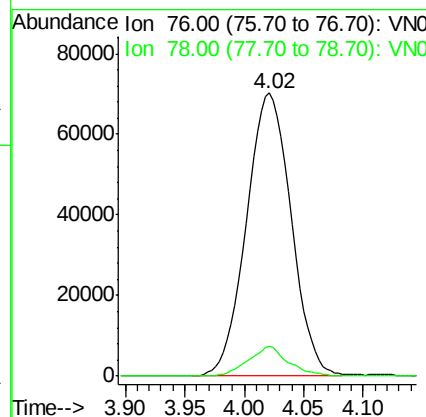
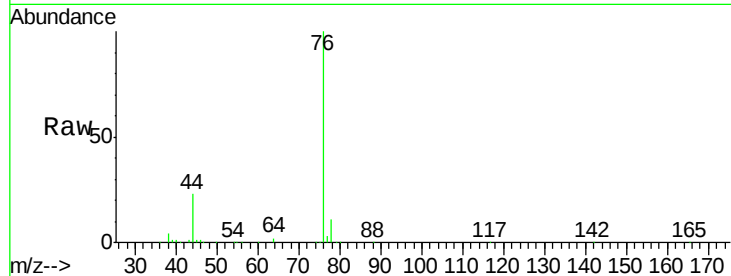
#16  
Carbon Disulfide  
Concen: 17.733 ug/l  
RT: 4.02 min Scan# 699  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 10.7  | 7.4   | 11.2  |

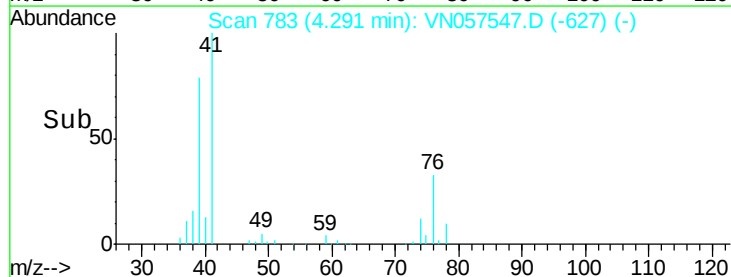
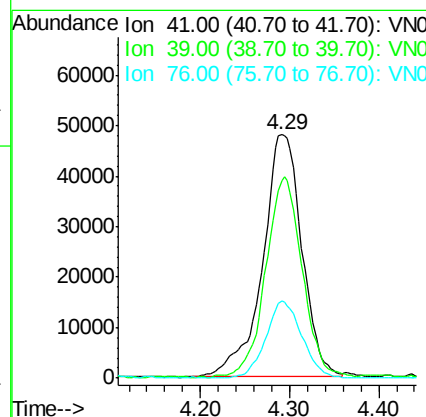
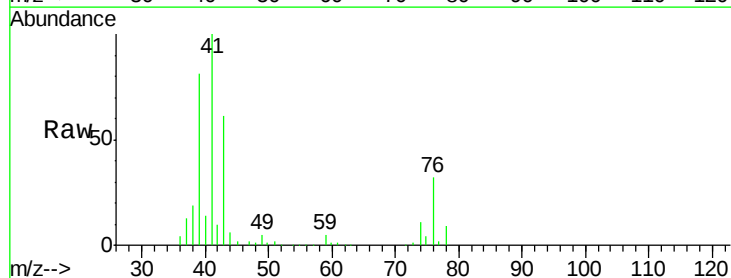
Manual Integrations  
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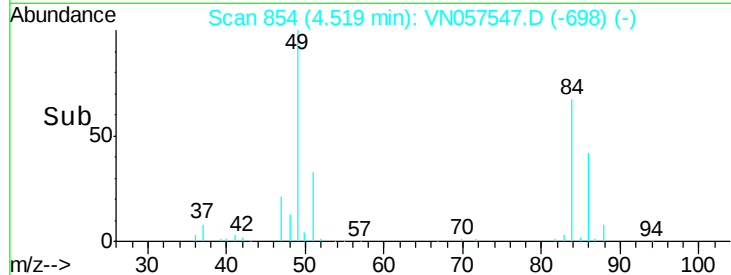
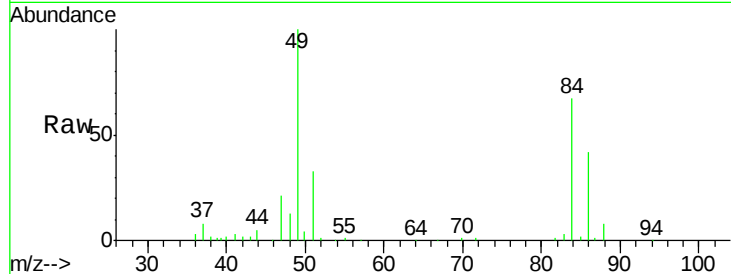
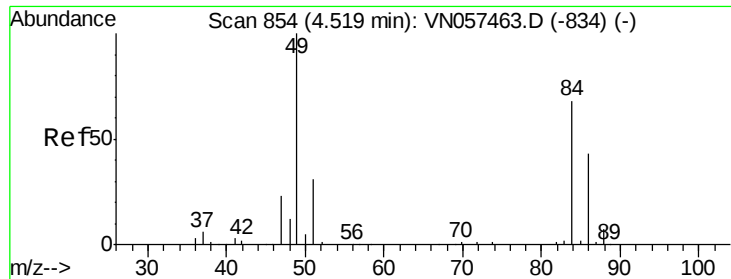
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8/28/2019 4:26:43 PM



#17  
Allyl chloride  
Concen: 18.551 ug/l  
RT: 4.29 min Scan# 783  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 81.7  | 40.1  | 120.2 |
| 76      | 31.4  | 16.2  | 48.6  |





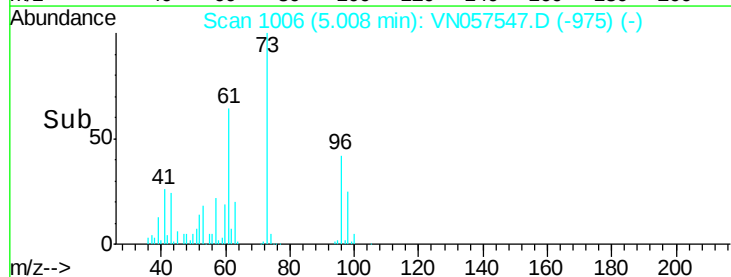
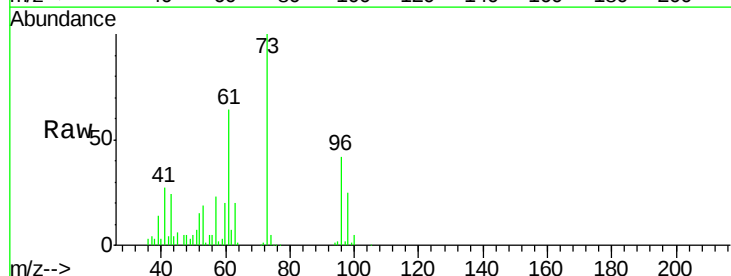
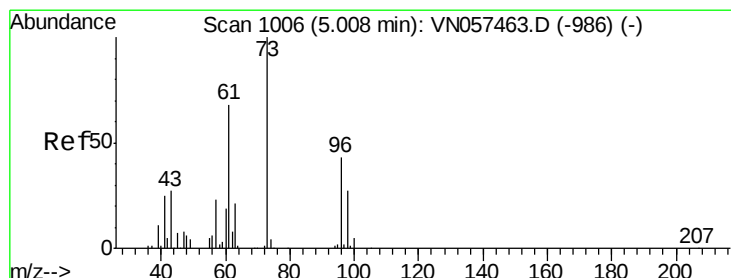
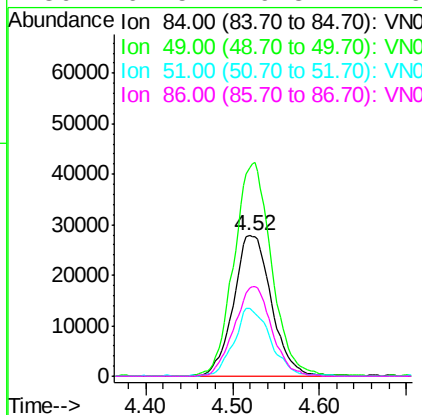
#18  
Methvlene Chloride  
Concen: 19.911 ug/l m  
RT: 4.52 min Scan# 854  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 84      | 100   |       |       |       |       |
| 49      | 148.3 | 116.8 | 175.2 |       |       |
| 51      | 48.2  | 36.4  | 54.6  |       |       |
| 86      | 62.5  | 49.8  | 74.6  |       |       |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

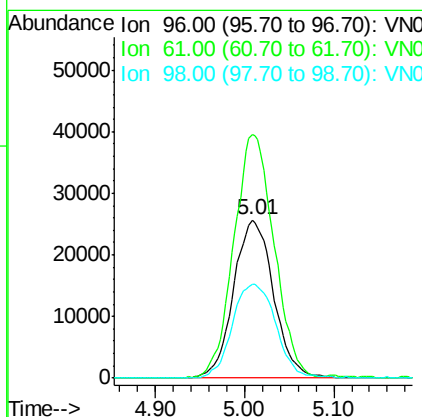
Manual Integrations  
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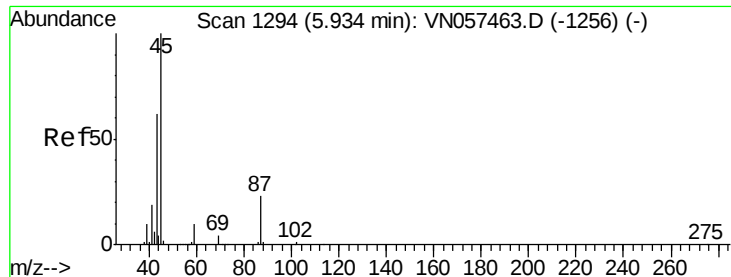
MMDadoda  
8/28/2019 4:26:43 PM



#19  
trans-1,2-Dichloroethene  
Concen: 19.988 ug/l  
RT: 5.01 min Scan# 1006  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 96      | 100   |       |       |       |       |
| 61      | 153.5 | 127.6 | 191.4 |       |       |
| 98      | 59.6  | 51.5  | 77.3  |       |       |





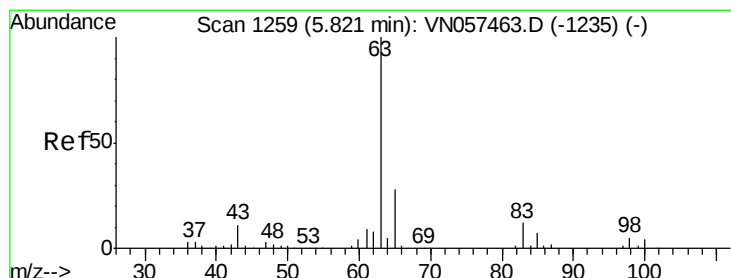
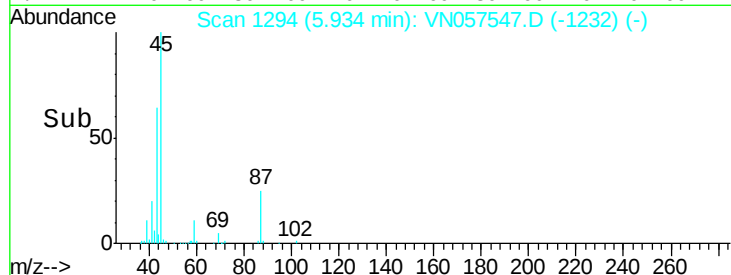
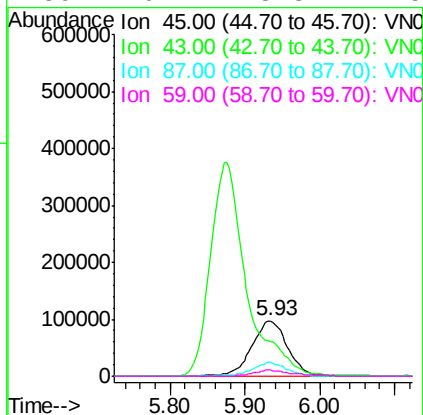
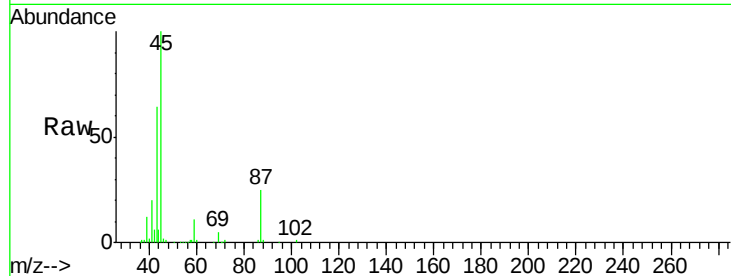
#20  
Diisopropyl ether  
Concen: 19.132 ug/l  
RT: 5.93 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 61.9  | 49.9  | 74.9  |
| 87      | 25.1  | 19.1  | 28.7  |
| 59      | 10.4  | 8.3   | 12.5  |

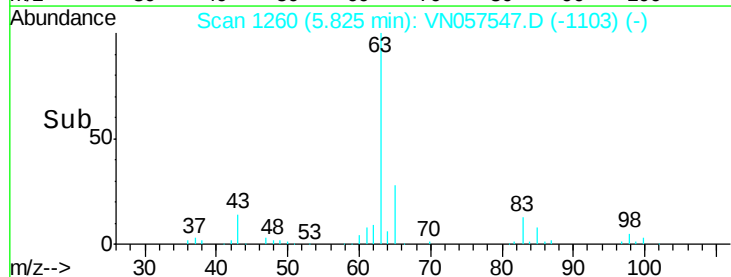
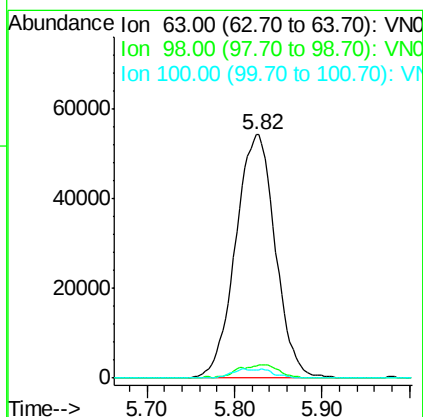
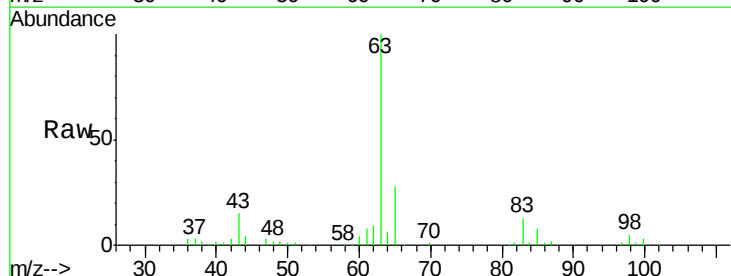
Manual Integrations  
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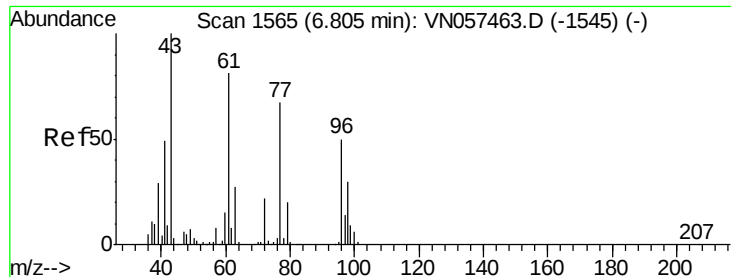
MMDadoda  
8/28/2019 4:26:43 PM



#21  
1,1-Dichloroethane  
Concen: 19.524 ug/l  
RT: 5.82 min Scan# 1260  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 98      | 4.9   | 2.4   | 7.1   |
| 100     | 3.4   | 2.1   | 6.3   |





#22

cis-1,2-Dichloroethene

Concen: 19.400 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

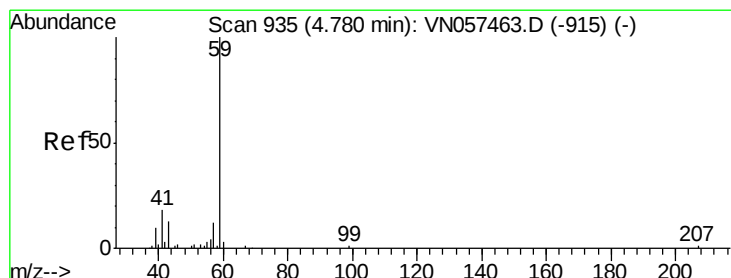
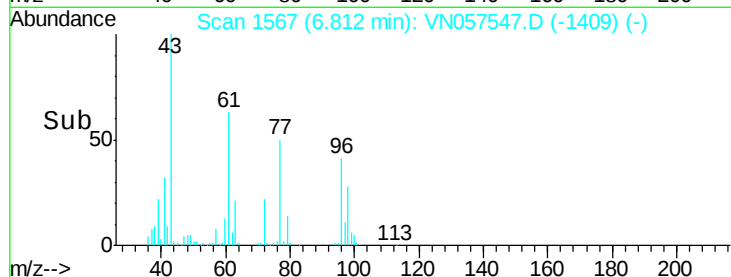
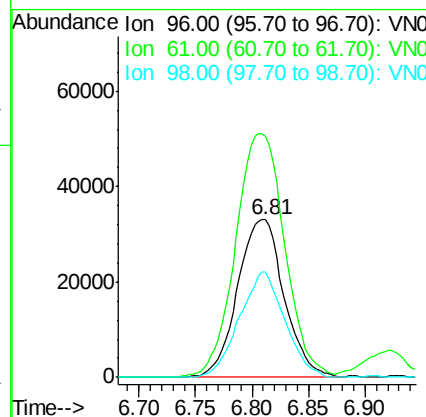
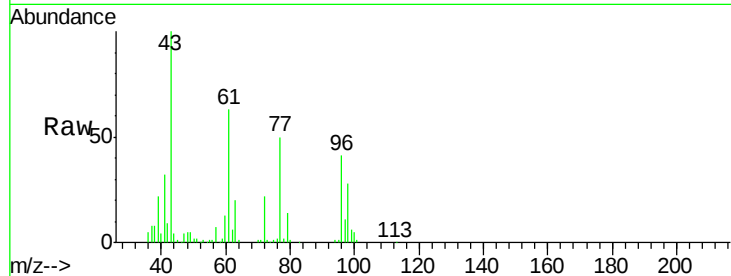
ClientSampleId :

VN0827WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 94427 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 163.3 | 134.4 | 201.6 |
| 98       | 65.4  | 51.4  | 77.0  |

Manual Integrations  
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8/28/2019 4:26:43 PM



#23

tert-Butyl Alcohol

Concen: 84.656 ug/l

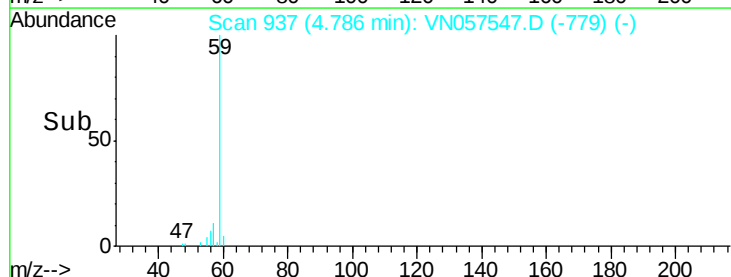
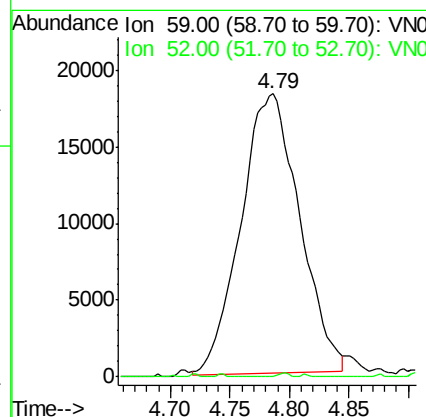
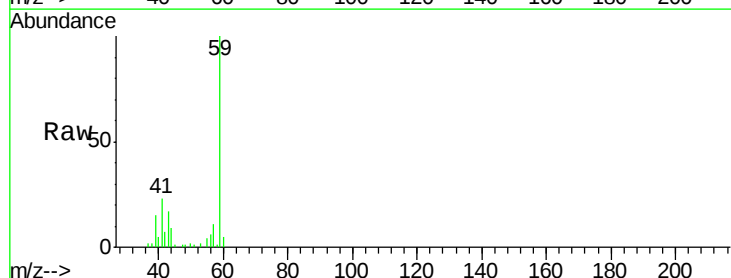
RT: 4.79 min Scan# 937

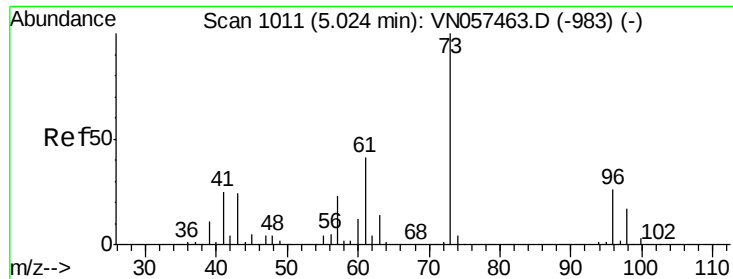
Delta R.T. 0.01 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 59    | Resp: | 62361 |
| Ion      | Ratio | Lower | Upper |
| 59       | 100   |       |       |
| 52       | 0.2   | 0.1   | 0.1#  |





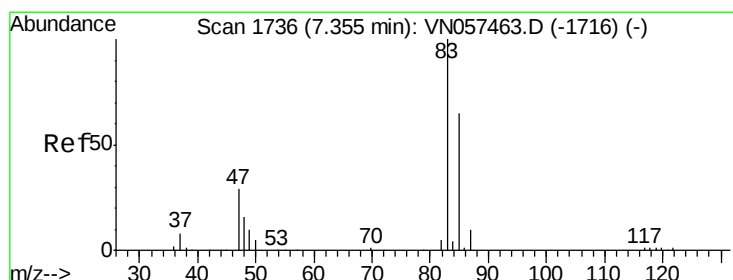
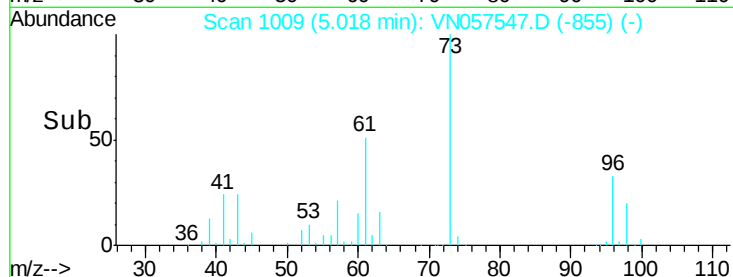
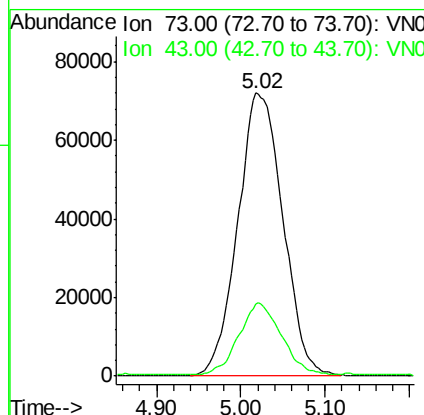
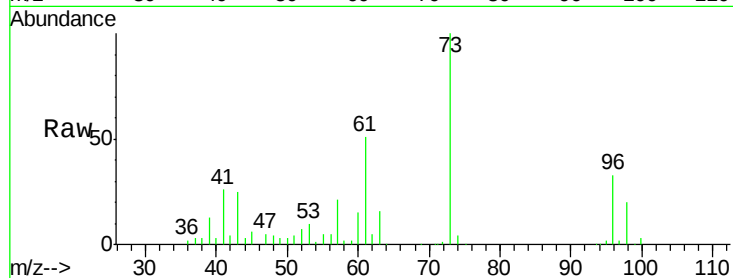
#24  
Methvl tert-Butvl Ether  
Concen: 20.017 ug/l  
RT: 5.02 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

Tot Ion: 73 Resp: 267986  
Ion Ratio Lower Upper  
73 100  
43 23.9 20.1 30.1

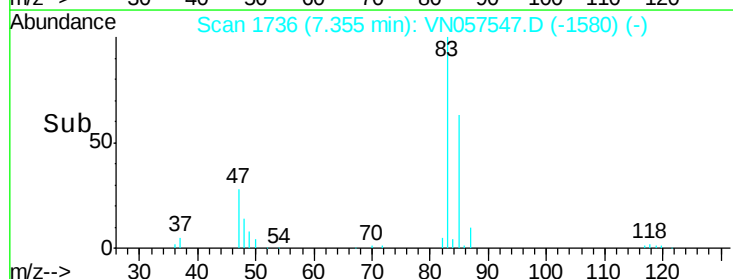
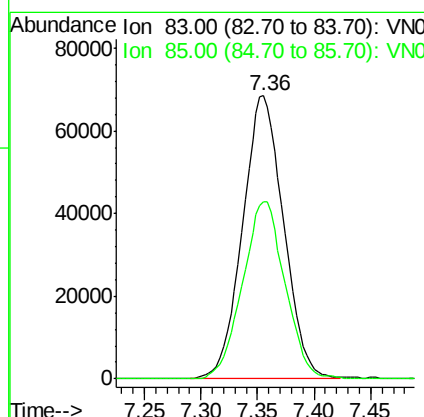
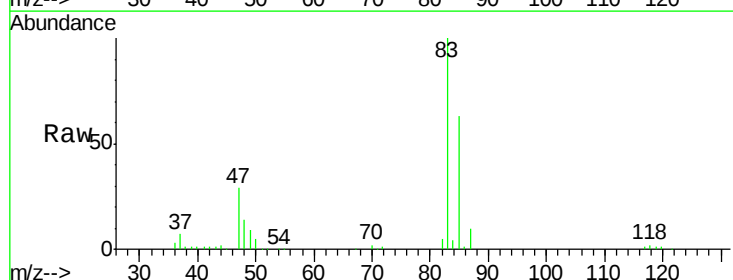
Manual Integrations  
APPROVED

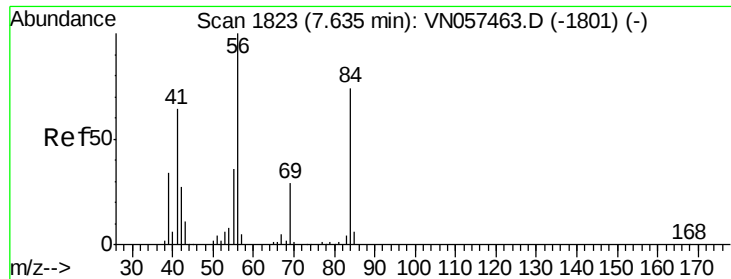
MMDadoda  
8/28/2019 4:26:43 PM



#25  
Chloroform  
Concen: 19.830 ug/l  
RT: 7.36 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Tgt Ion: 83 Resp: 172659  
Ion Ratio Lower Upper  
83 100  
85 62.8 52.0 78.0





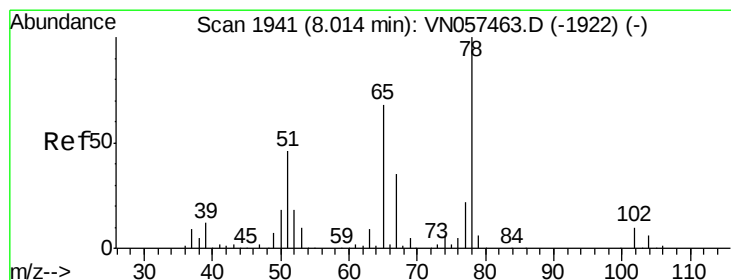
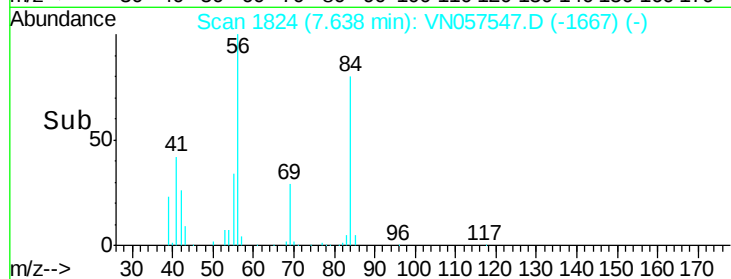
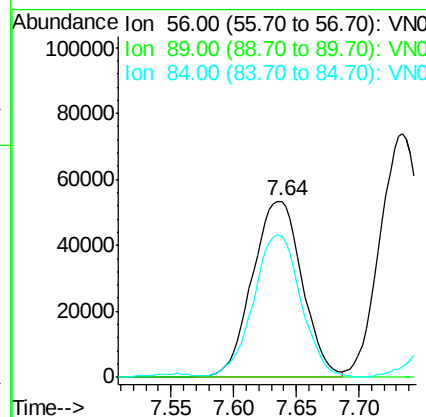
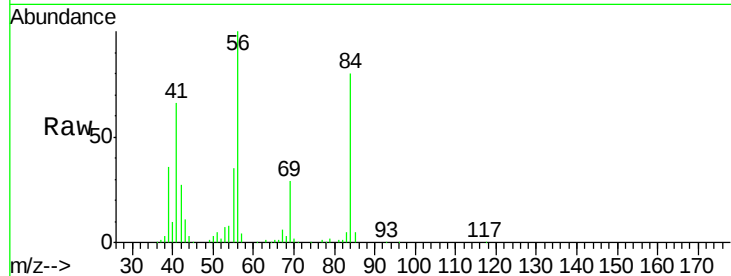
#26  
Cyclohexane  
Concen: 18.886 ug/l  
RT: 7.64 min Scan# 1824  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 89      | 0.0   | 0.0   | 0.0#  |
| 84      | 77.5  | 61.1  | 91.7  |

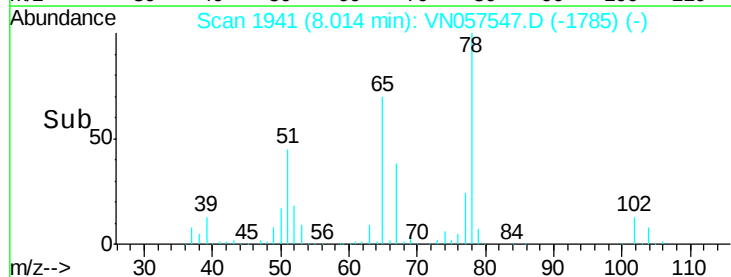
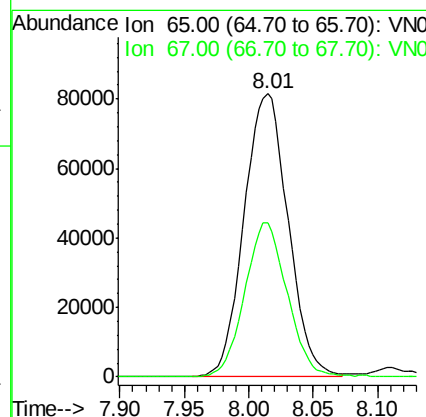
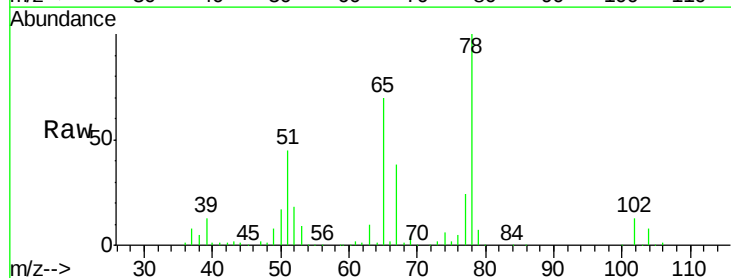
Manual Integrations  
APPROVED

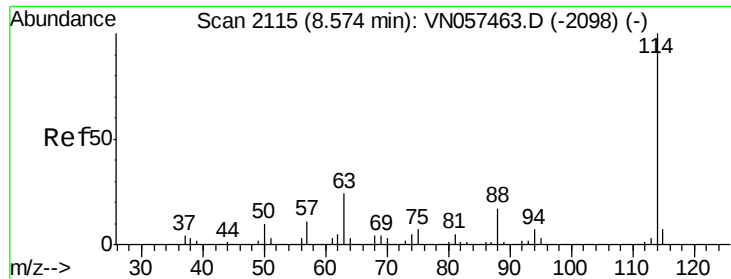
MMDadoda  
8/28/2019 4:26:43 PM



#27  
1,2-Dichloroethane-d4  
Concen: 29.976 ug/l  
RT: 8.01 min Scan# 1941  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.5  | 40.2  | 60.4  |





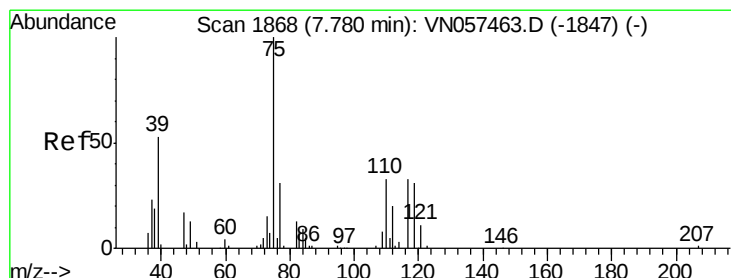
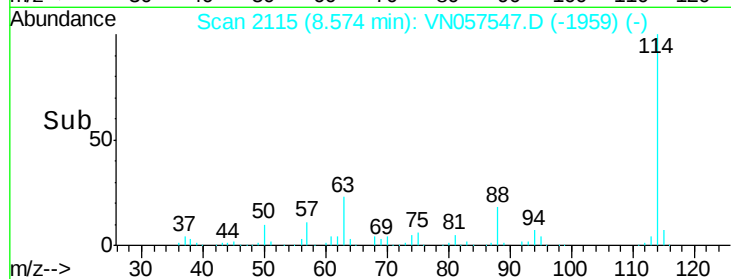
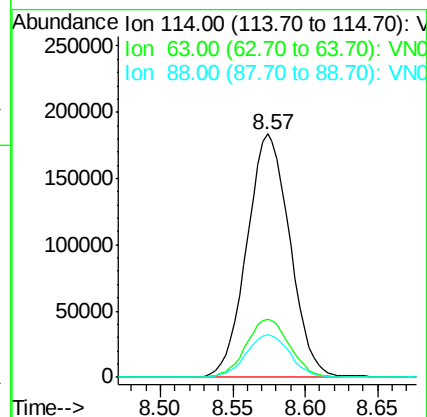
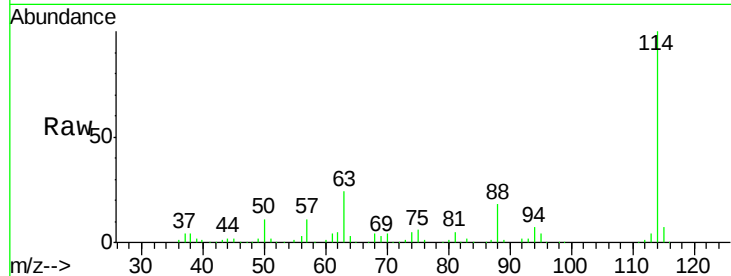
#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 8.57 min Scan# 2115  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0827WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 24.4  | 19.6  | 29.4  |
| 88      | 17.7  | 13.1  | 19.7  |

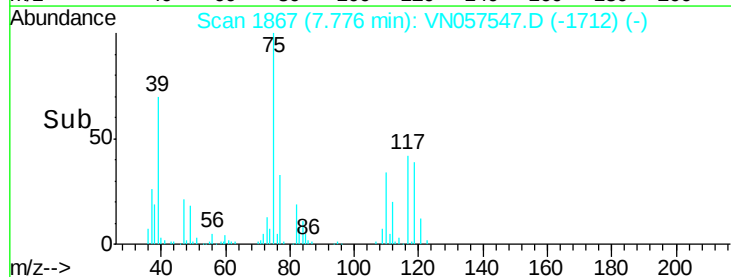
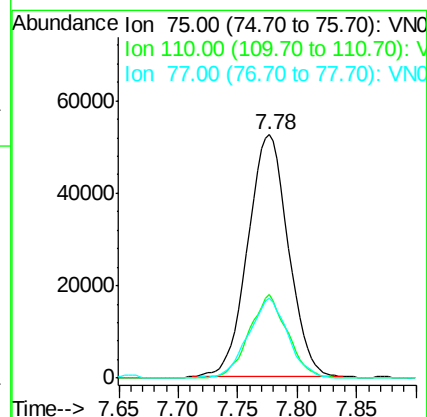
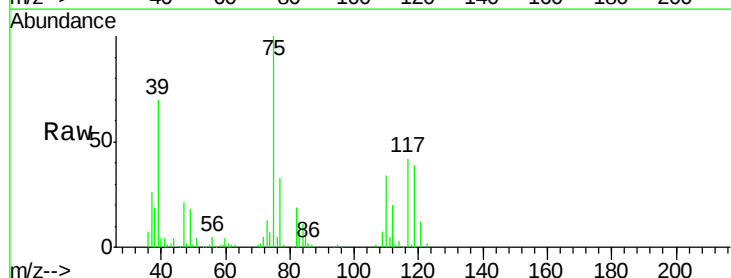
Manual Integrations  
 APPROVED

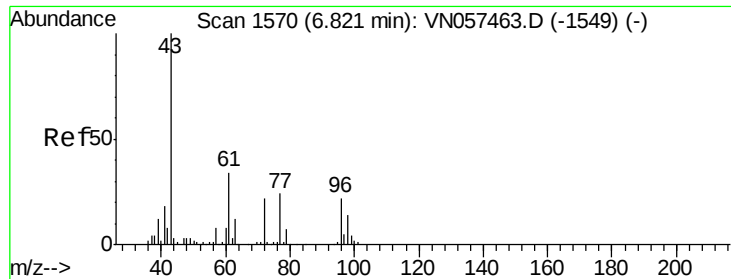
MMDadoda  
 8/28/2019 4:26:43 PM



#29  
 1,1-Dichloropropene  
 Concen: 19.258 ug/l  
 RT: 7.78 min Scan# 1867  
 Delta R.T. -0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 32.5  | 0.0   | 64.0  |
| 77      | 32.0  | 0.0   | 63.4  |





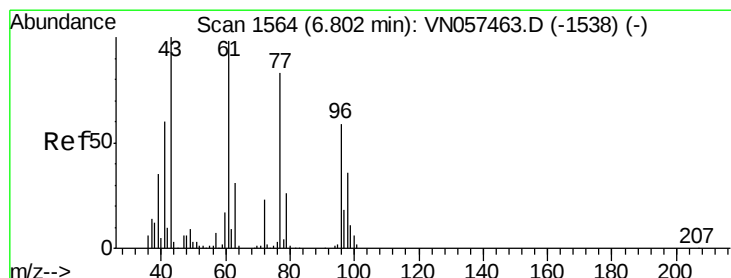
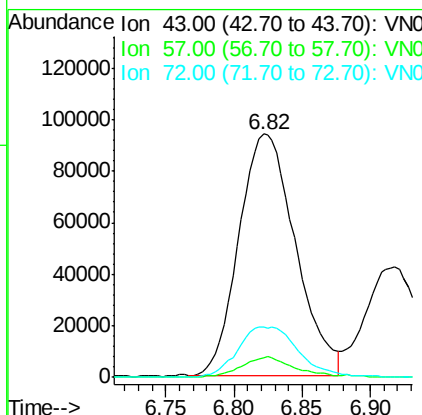
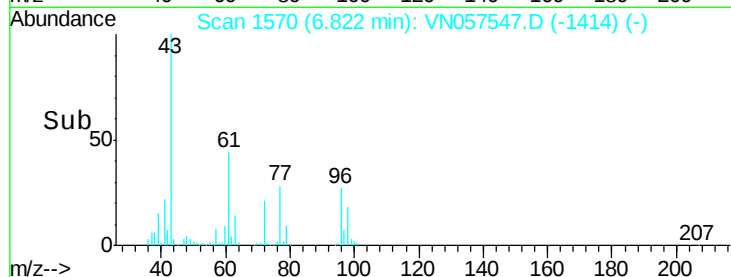
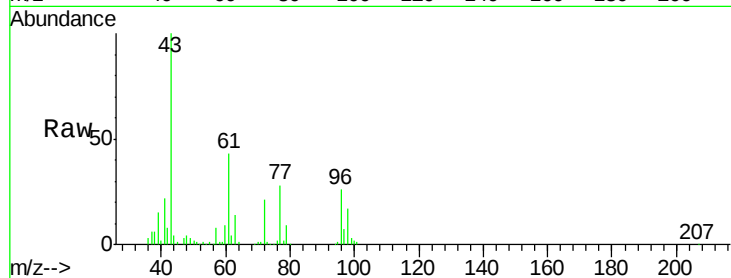
#30  
2-Butanone  
Concen: 87.448 ug/l  
RT: 6.82 min Scan# 1570  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 57      | 7.8   | 5.7   | 8.5   |
| 72      | 11.5  | 18.2  | 27.2# |

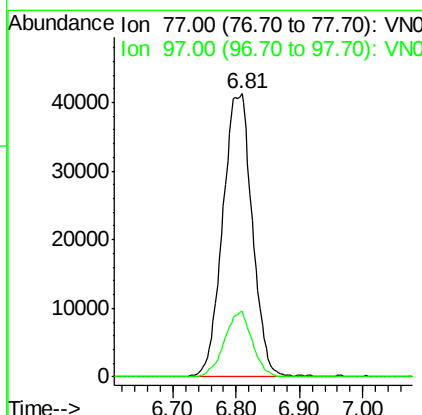
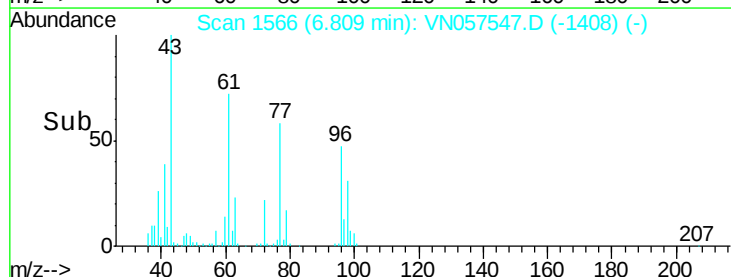
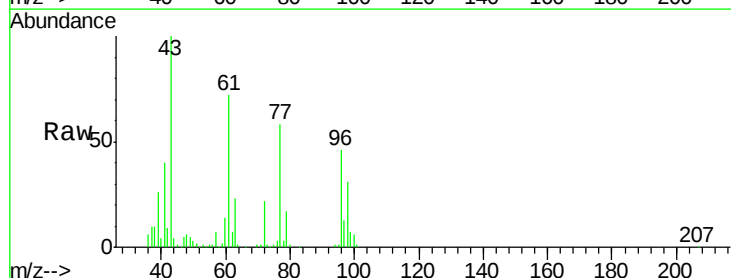
Manual Integrations  
APPROVED

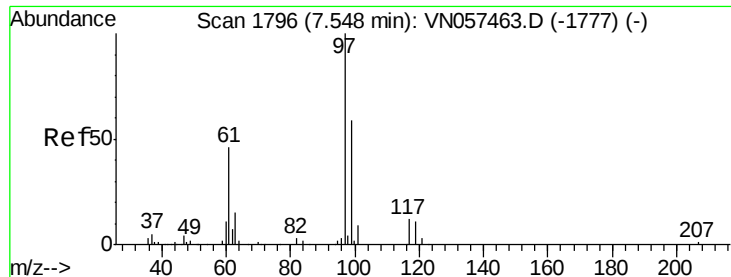
MMDadoda  
8/28/2019 4:26:43 PM



#31  
2,2-Dichloropropane  
Concen: 18.254 ug/l m  
RT: 6.81 min Scan# 1566  
Delta R.T. 0.01 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 97      | 21.7  | 17.0  | 25.4  |





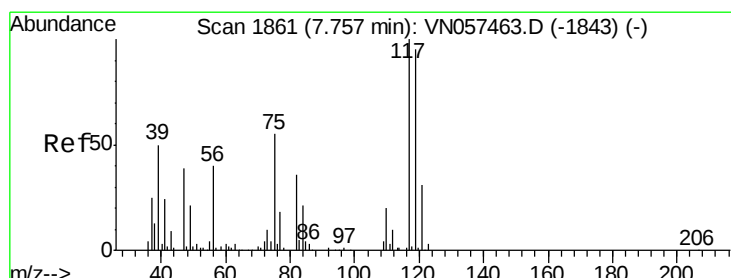
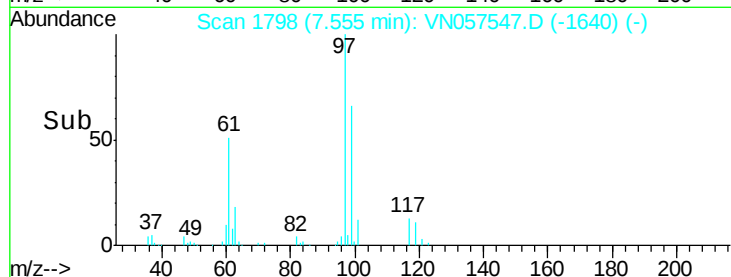
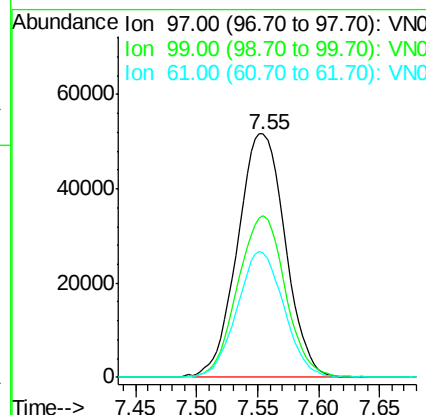
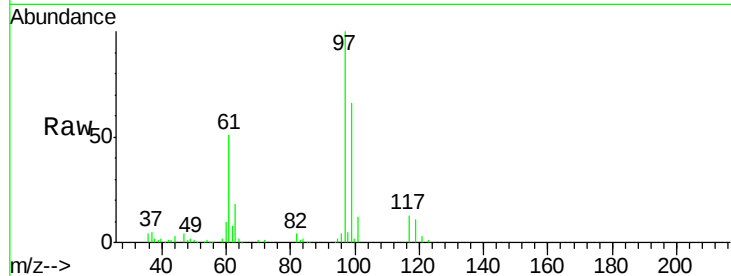
#32  
 1,1,1-Trichloroethane  
 Concen: 19.053 ug/l  
 RT: 7.55 min Scan# 1798  
 Delta R.T. 0.01 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0827WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 97      | 100   | 140038 |       |       |
| 99      | 66.2  |        | 49.6  | 74.4  |
| 61      | 50.6  |        | 40.9  | 61.3  |

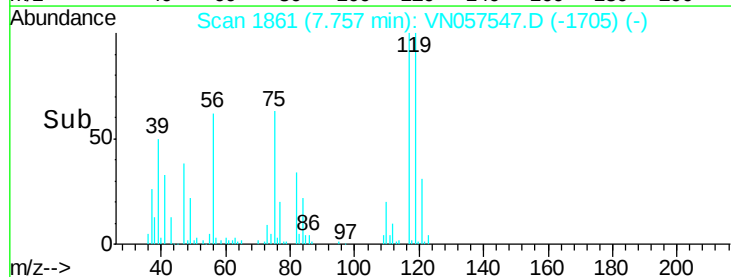
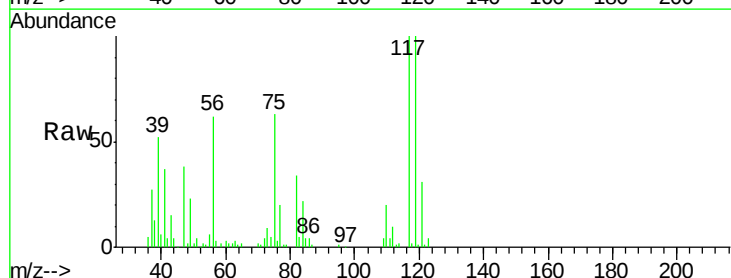
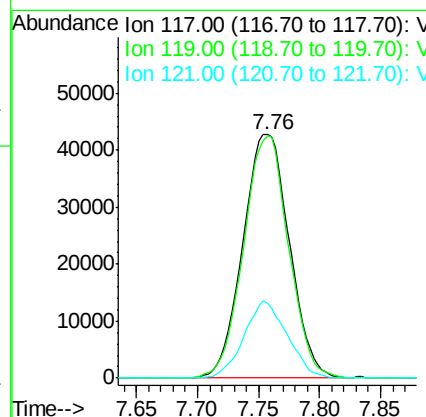
Manual Integrations  
 APPROVED

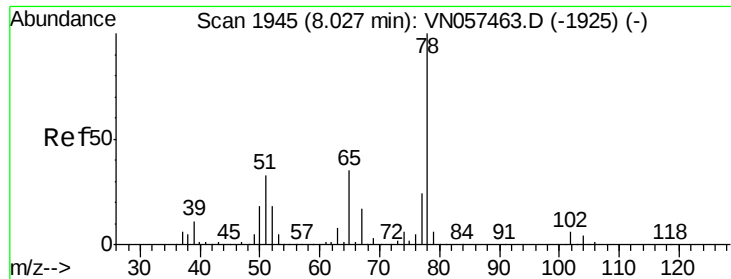
MMDadoda  
 8/28/2019 4:26:43 PM



#33  
 Carbon Tetrachloride  
 Concen: 18.490 ug/l  
 RT: 7.76 min Scan# 1861  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 112847 |       |       |
| 119     | 99.7  |        | 76.8  | 115.2 |
| 121     | 30.9  |        | 24.8  | 37.2  |





#34

Benzene

Concen: 19.826 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

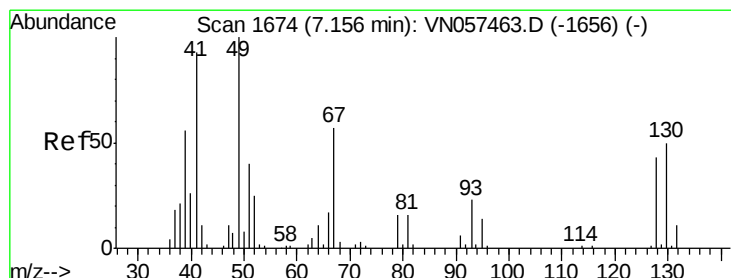
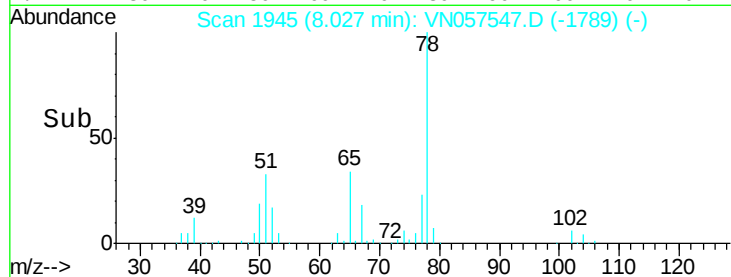
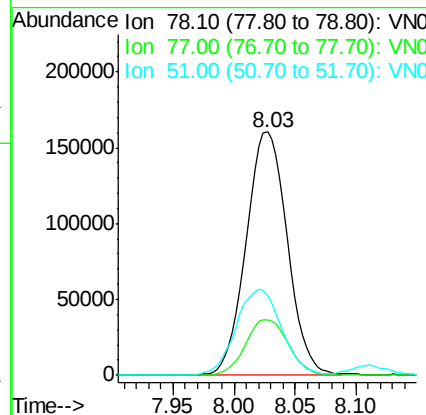
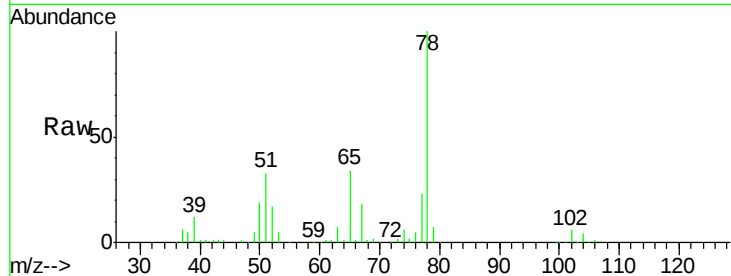
ClientSampleId :

VN0827WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 78    | Resp: | 374837 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 22.8  | 19.5  | 29.3   |
| 51       | 32.5  | 26.0  | 39.0   |

Manual Integrations  
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8/28/2019 4:26:43 PM



#35

Methacrylonitrile

Concen: 18.099 ug/l

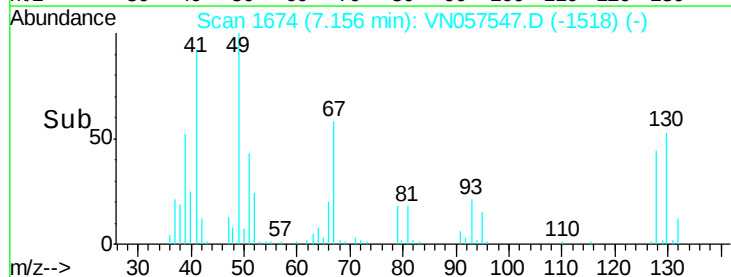
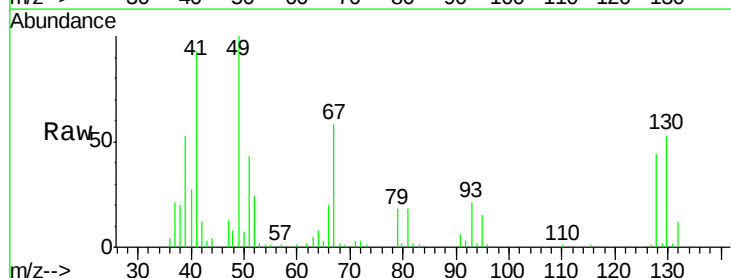
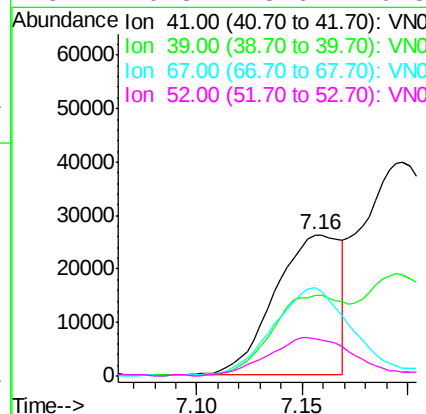
RT: 7.16 min Scan# 1674

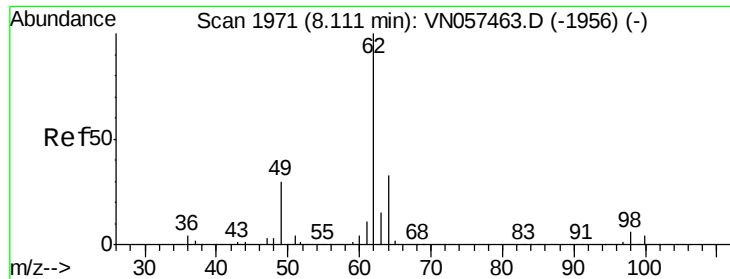
Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 56620 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.8  | 30.5  | 91.5  |
| 67       | 62.6  | 30.9  | 92.5  |
| 52       | 26.3  | 13.6  | 40.8  |





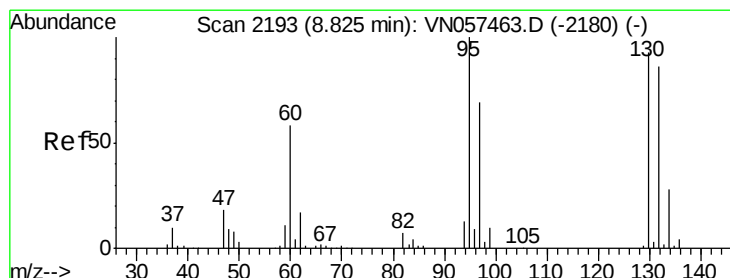
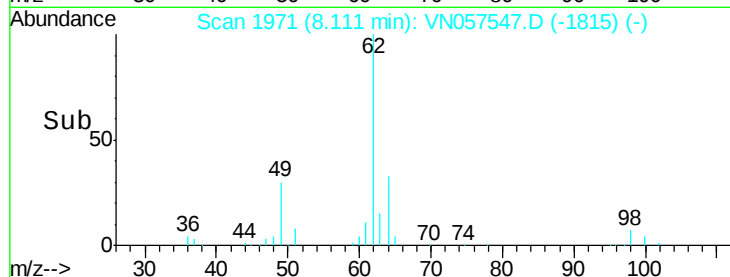
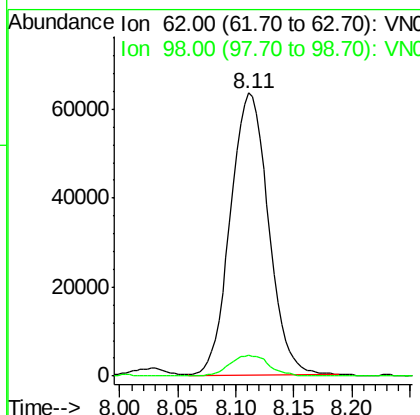
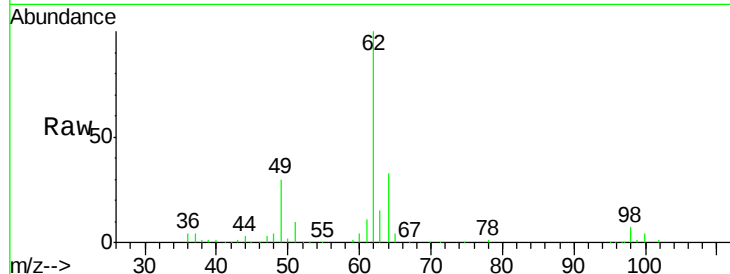
#36  
 1,2-Dichloroethane  
 Concen: 19.581 ug/l  
 RT: 8.11 min Scan# 1971  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0827WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 62      | 100   | 145125 |       |       |
| 98      | 7.6   | 2.8    | 4.2#  |       |

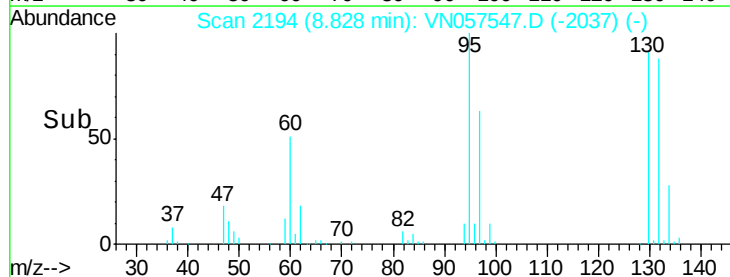
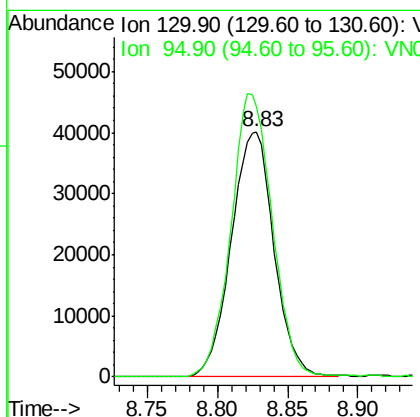
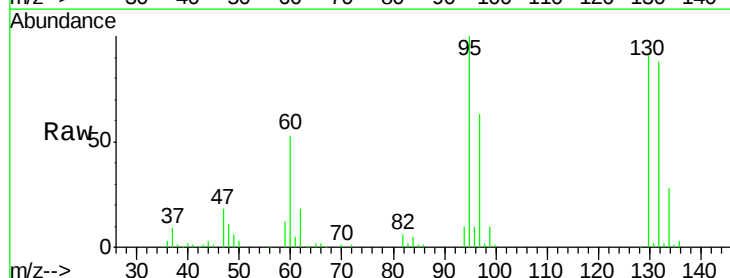
Manual Integrations  
 APPROVED

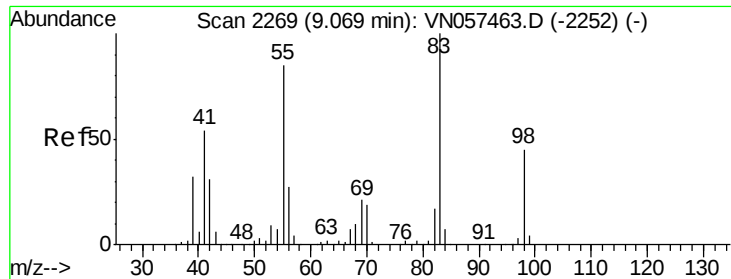
MMDadoda  
 8/28/2019 4:26:43 PM



#37  
 Trichloroethene  
 Concen: 19.694 ug/l  
 RT: 8.83 min Scan# 2194  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 130     | 100   | 84952 |       |       |
| 95      | 109.6 | 86.4  | 129.6 |       |





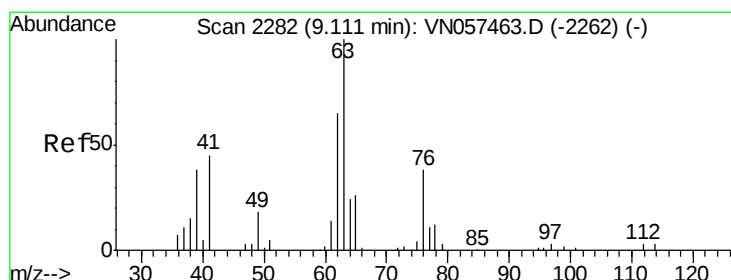
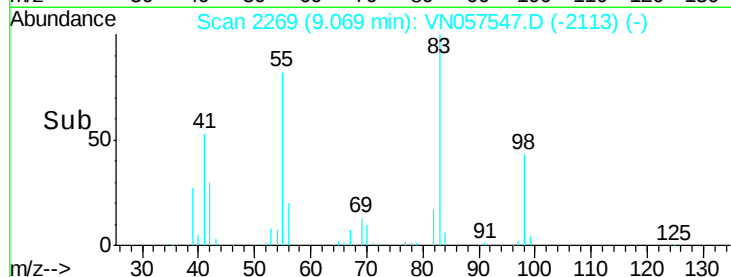
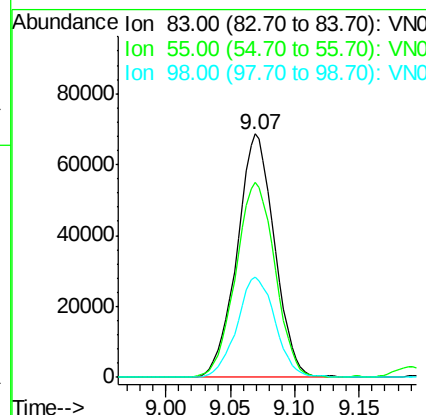
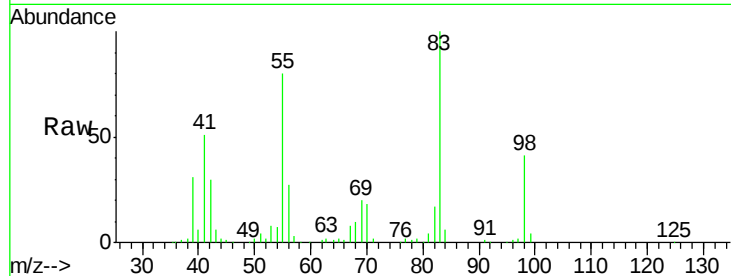
#38  
Methvlcvclohexane  
Concen: 19.204 ug/l  
RT: 9.07 min Scan# 2269  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

| Tot Ion   | 83   | Resp  | 138583 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 55        | 84.1 | 43.3  | 129.8  |
| 98        | 42.1 | 22.8  | 68.4   |

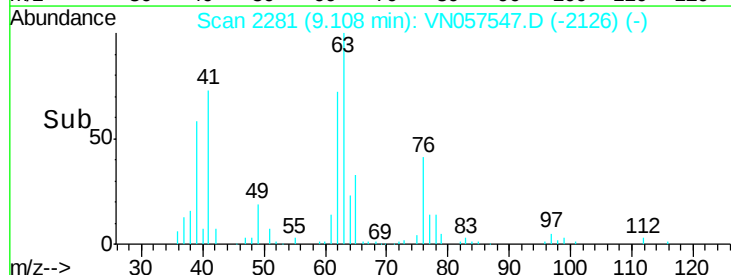
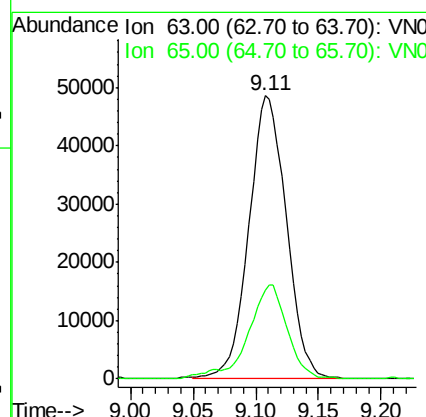
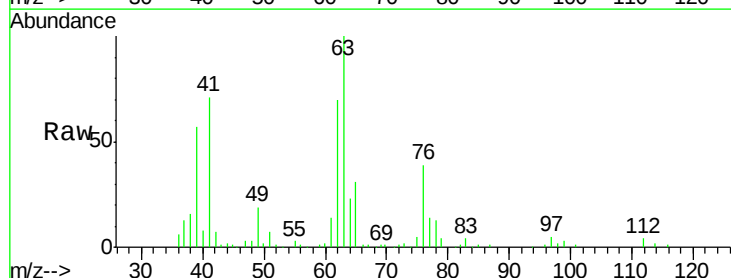
Manual Integrations  
APPROVED

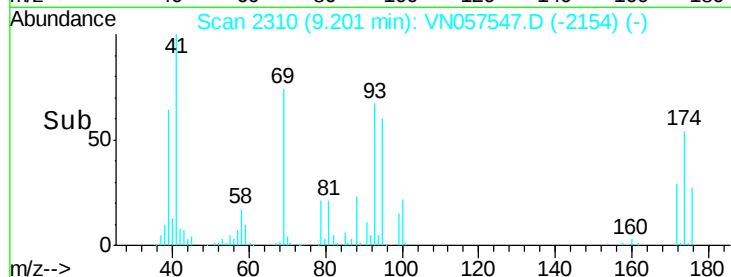
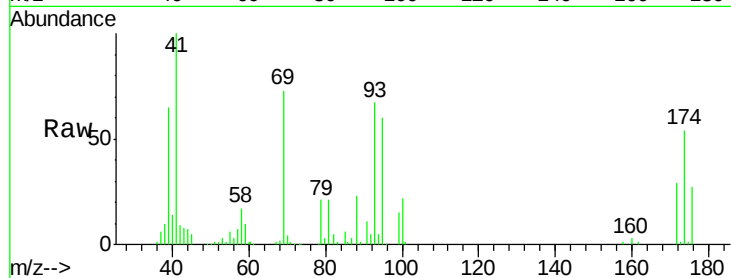
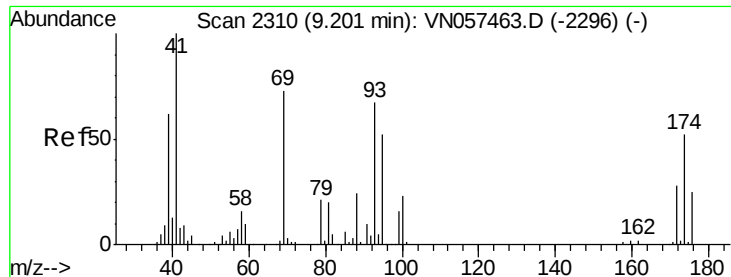
MMDadoda  
8/28/2019 4:26:43 PM



#39  
1,2-Dichloropropane  
Concen: 18.827 ug/l  
RT: 9.11 min Scan# 2281  
Delta R.T. -0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

| Tgt Ion   | 63   | Resp  | 101214 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 63        | 100  |       |        |
| 65        | 31.4 | 21.6  | 32.4   |





#40

Dibromomethane

Concen: 19.219 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 93    | Resp: | 63144 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 95        | 85.7  | 0.0   | 160.8 |
| 174       | 79.8  | 0.0   | 157.2 |

Instrument :

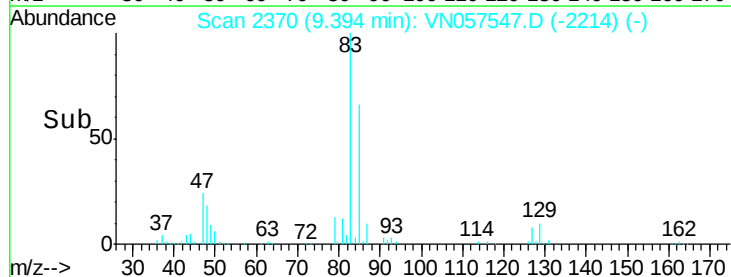
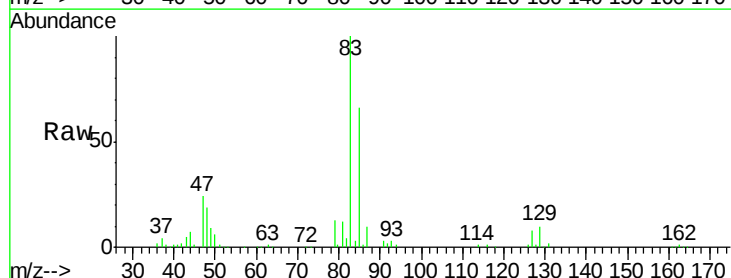
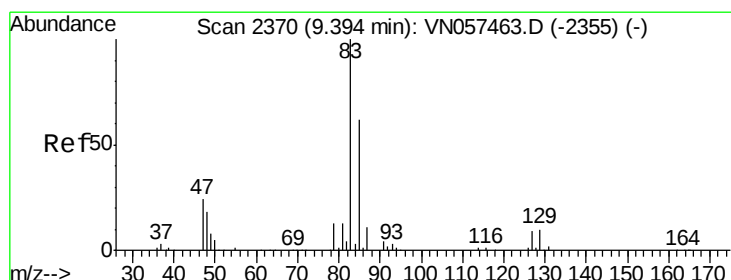
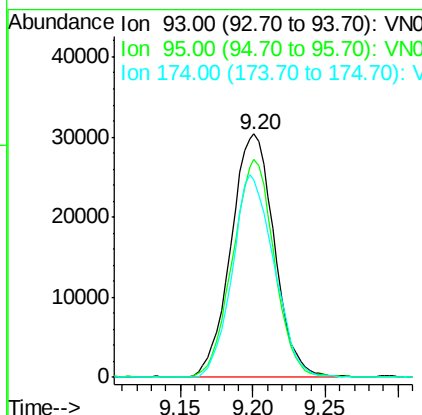
MSVOA\_N

ClientSampleId :

VN0827WBSD01

Manual Integrations  
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8/28/2019 4:26:43 PM



#41

Bromodichloromethane

Concen: 18.694 ug/l

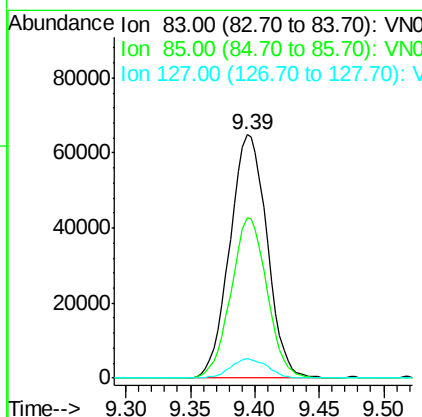
RT: 9.39 min Scan# 2370

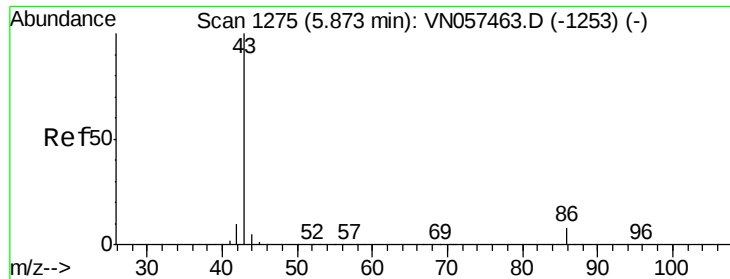
Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 130260 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 66.0  | 49.8  | 74.8   |
| 127       | 8.0   | 7.6   | 11.4   |





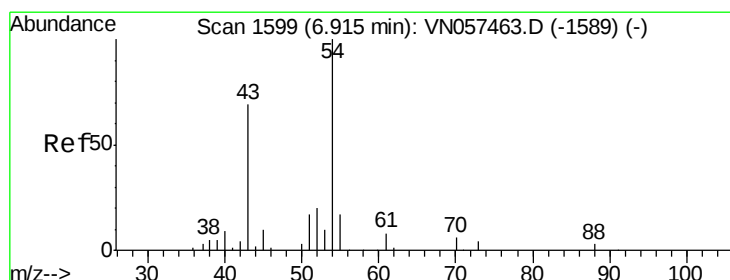
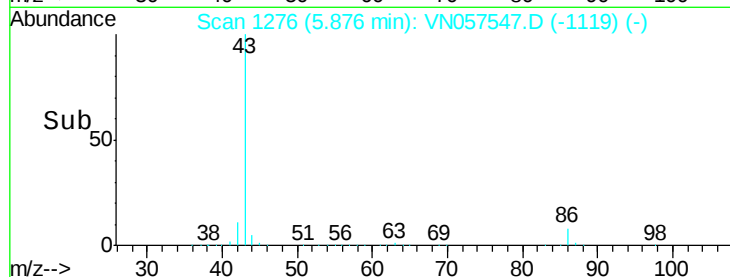
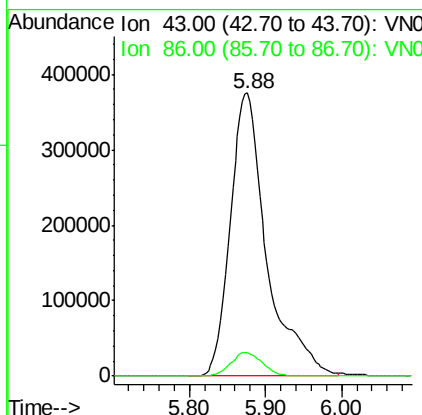
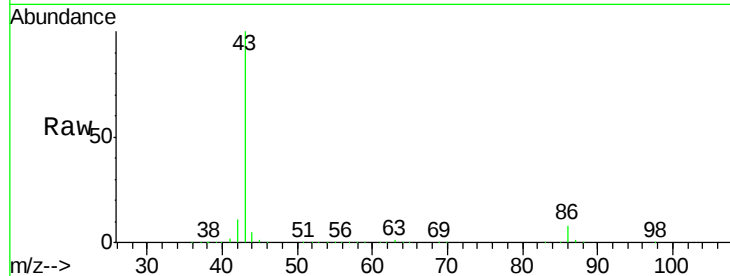
#42  
 Vinyl Acetate  
 Concen: 90.192 ug/l  
 RT: 5.88 min Scan# 1276  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0827WBSD01

Tot Ion: 43 Resp: 1247639  
 Ion Ratio Lower Upper  
 43 100  
 86 7.2 5.7 8.5

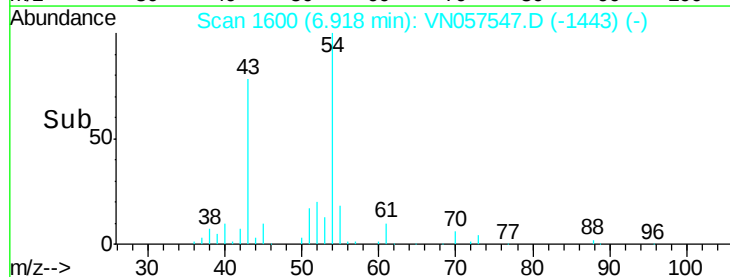
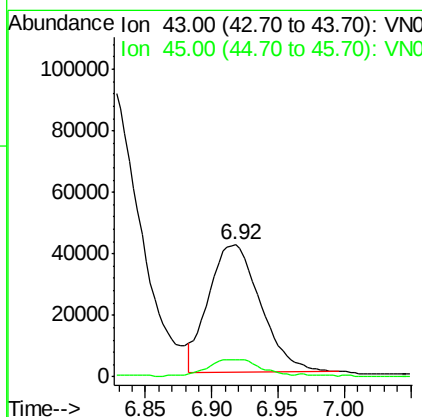
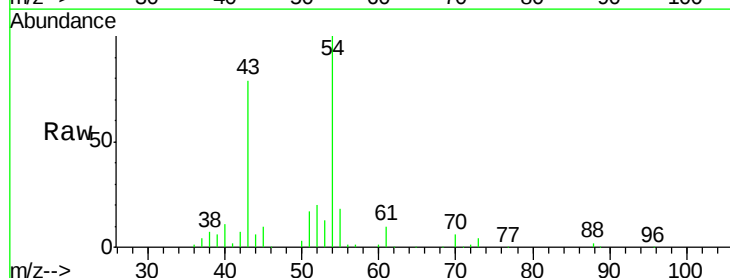
Manual Integrations  
 APPROVED

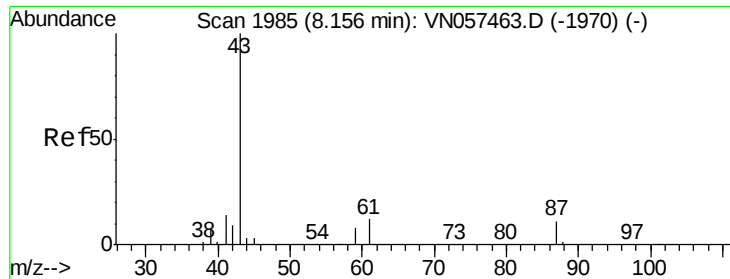
MMDadoda  
 8/28/2019 4:26:43 PM



#43  
 Ethyl Acetate  
 Concen: 18.774 ug/l  
 RT: 6.92 min Scan# 1600  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

Tgt Ion: 43 Resp: 112960  
 Ion Ratio Lower Upper  
 43 100  
 45 6.1 11.0 16.4#





#44

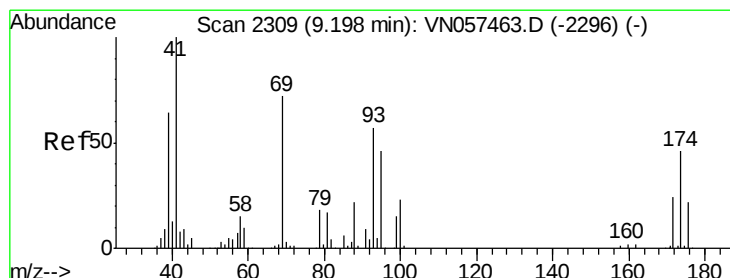
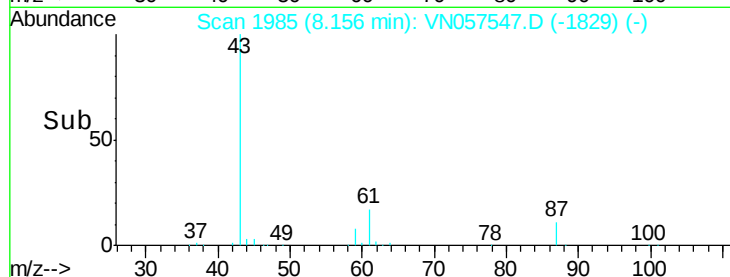
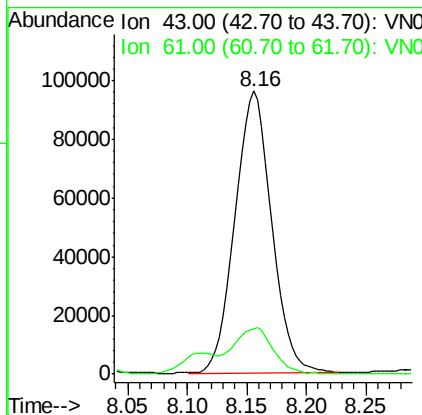
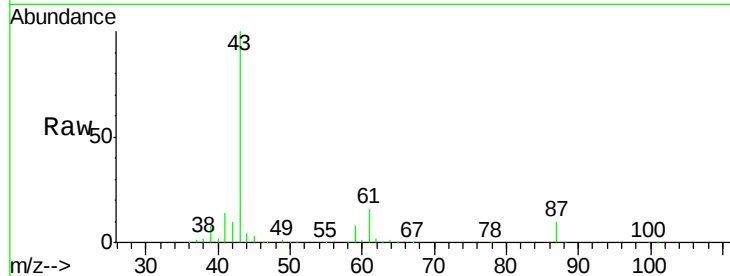
Isopropyl Acetate  
 Concen: 17.910 ug/l  
 RT: 8.16 min Scan# 1985  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0827WBSD01

| Tot Ion   | 43   | Resp  | 205714 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 61        | 16.1 | 0.1   | 0.1#   |

Manual Integrations  
 APPROVED

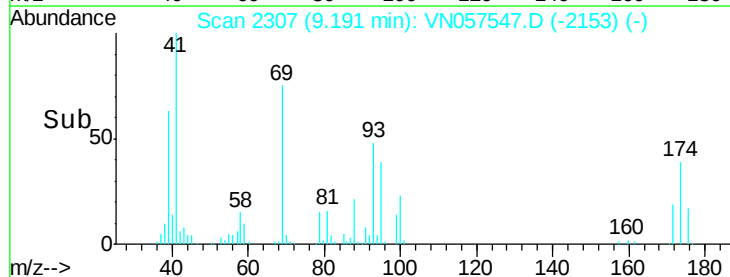
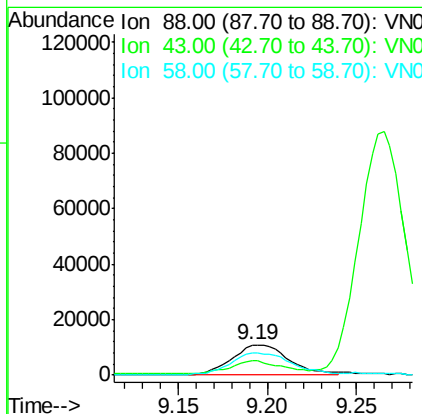
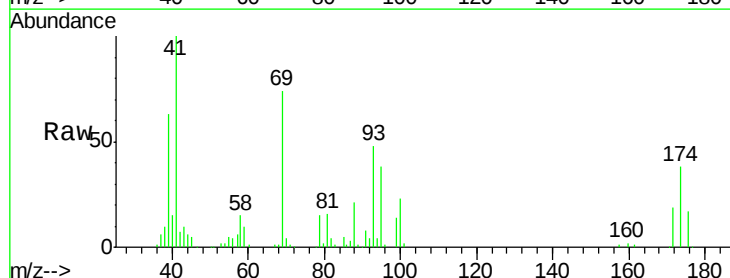
MMDadoda  
 8/28/2019 4:26:43 PM

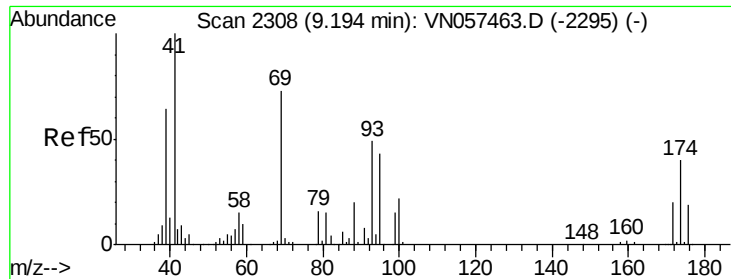


#45

1,4-Dioxane  
 Concen: 354.553 ug/l  
 RT: 9.19 min Scan# 2307  
 Delta R.T. -0.01 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

| Tgt Ion   | 88   | Resp  | 24478 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 43        | 37.8 | 29.8  | 44.6  |
| 58        | 79.4 | 62.2  | 93.2  |





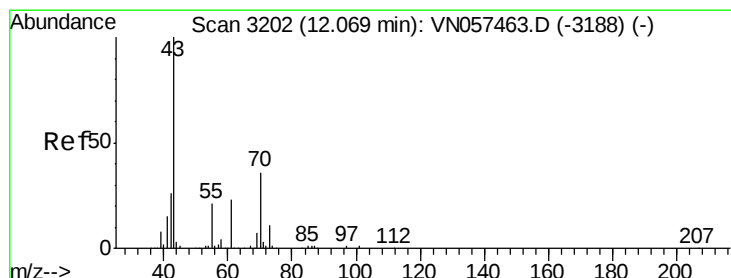
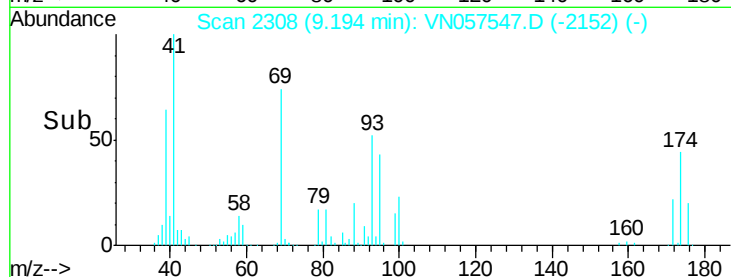
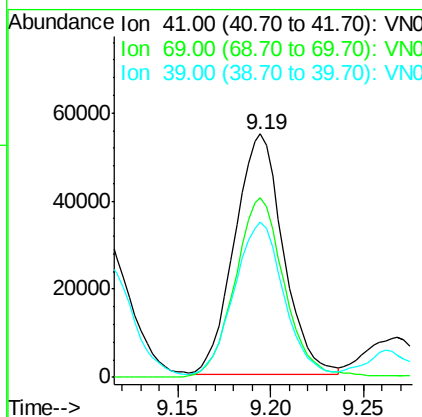
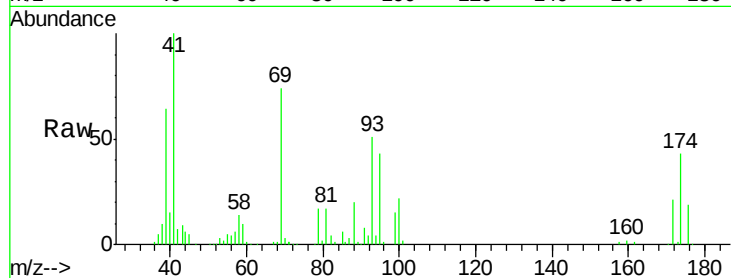
#46  
Methyl methacrylate  
Concen: 18.341 ug/l  
RT: 9.19 min Scan# 2308  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0827WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 100042 |       |       |
| 69      | 74.8  | 36.5   | 109.5 |       |
| 39      | 63.7  | 32.1   | 96.3  |       |

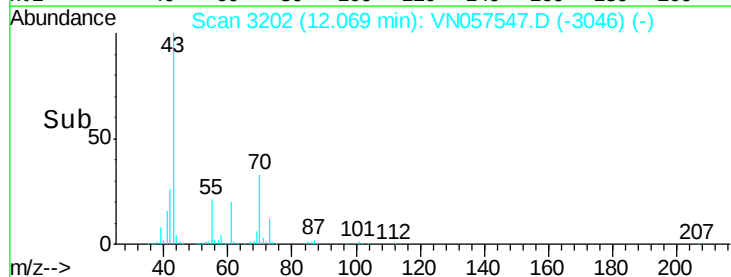
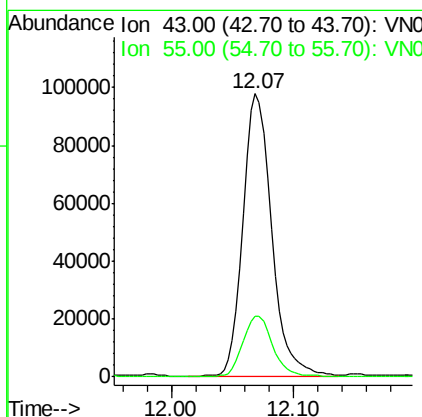
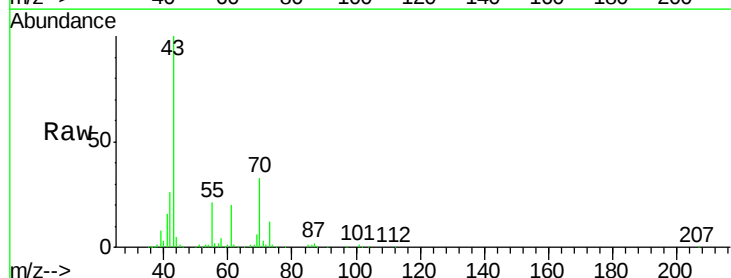
Manual Integrations  
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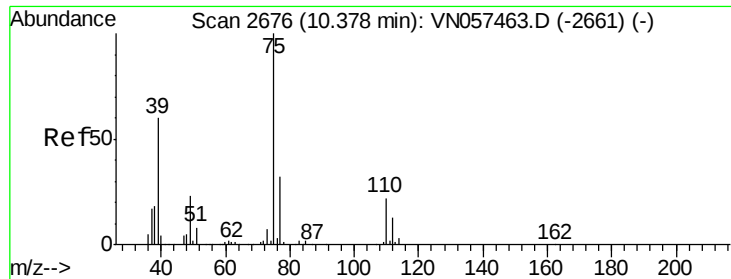
MMDadoda  
8/28/2019 4:26:43 PM



#47  
n-ethyl acetate  
Concen: 17.055 ug/l  
RT: 12.07 min Scan# 3202  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 43      | 100   | 157660 |       |       |
| 55      | 22.3  | 17.0   | 25.6  |       |





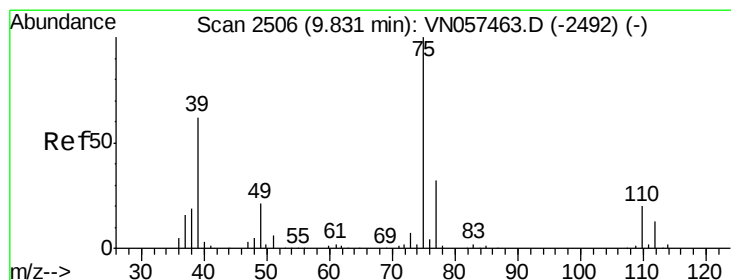
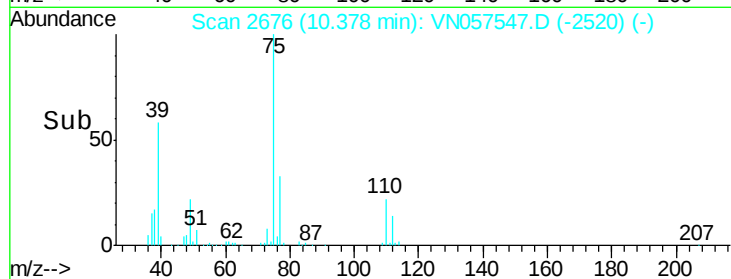
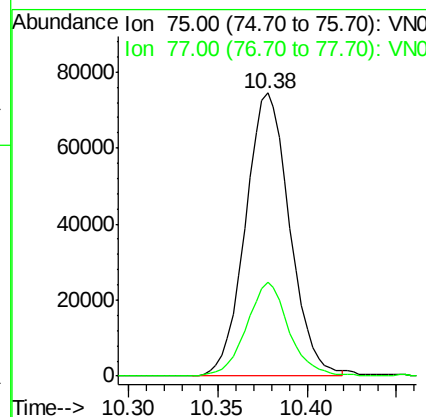
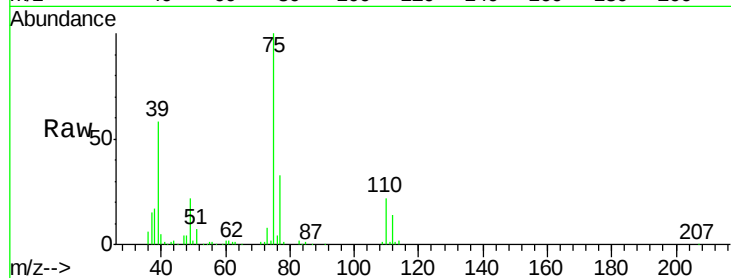
#48  
 t-1,3-Dichloropropene  
 Concen: 17.497 ug/l  
 RT: 10.38 min Scan# 2676  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0827WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.8  | 25.7  | 38.5  |

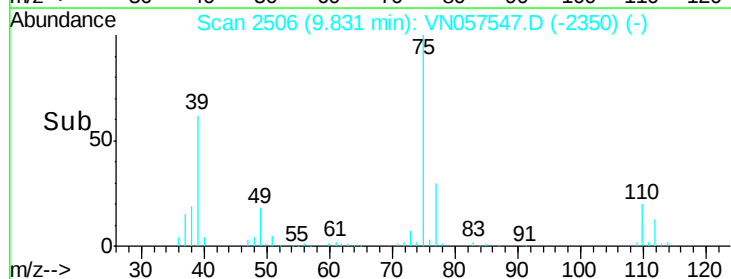
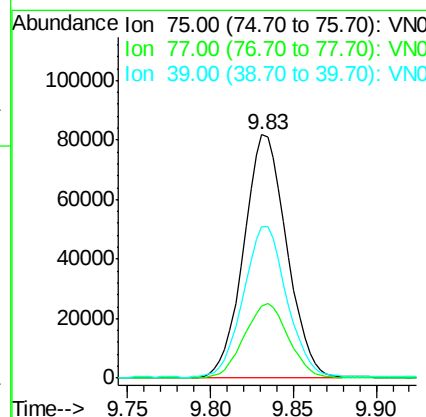
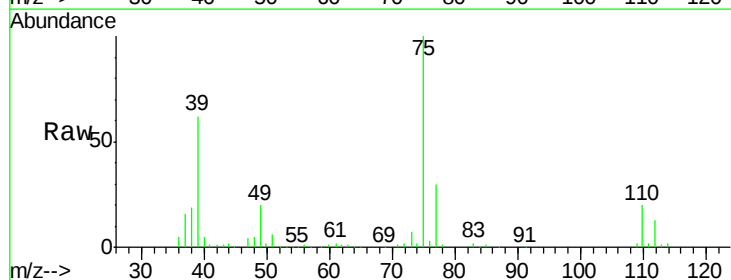
Manual Integrations  
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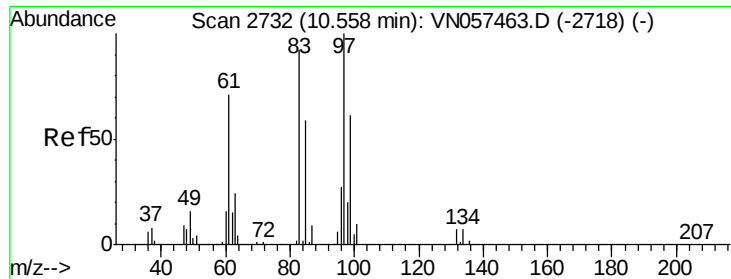
MMDadoda  
 8/28/2019 4:26:43 PM



#49  
 cis-1,3-Dichloropropene  
 Concen: 18.244 ug/l  
 RT: 9.83 min Scan# 2506  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 29.5  | 25.4  | 38.0  |
| 39      | 61.5  | 49.8  | 74.6  |





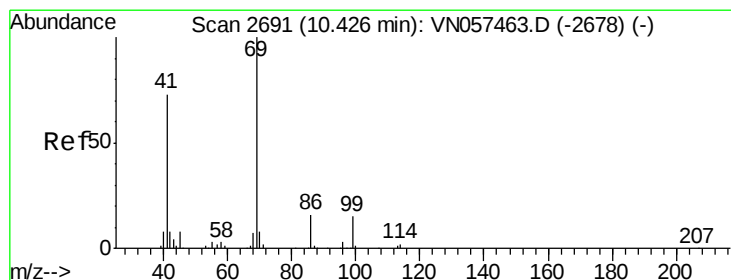
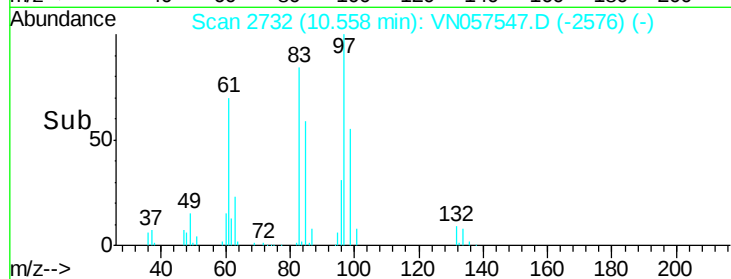
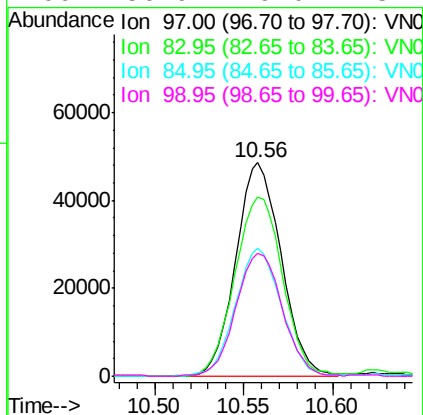
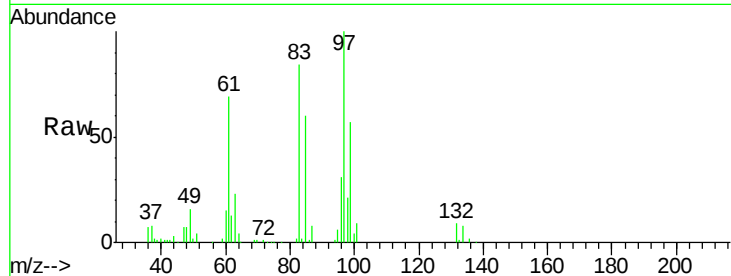
#50  
 1,1,2-Trichloroethane  
 Concen: 20.036 ug/l  
 RT: 10.56 min Scan# 2732  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0827WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 86317 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.5  | 73.2  | 109.8 |
| 85       | 59.3  | 47.1  | 70.7  |
| 99       | 56.9  | 49.0  | 73.4  |

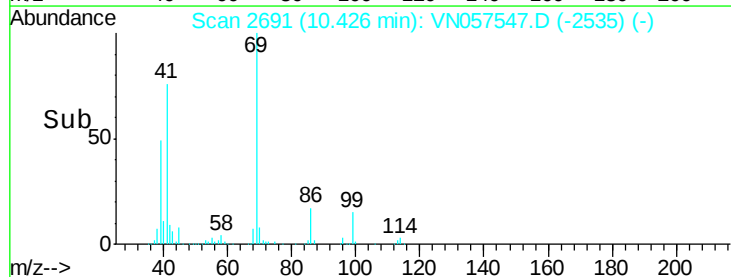
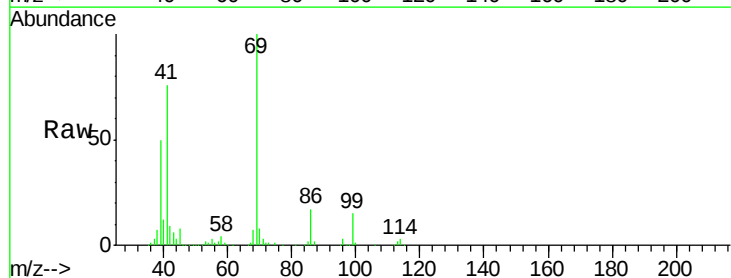
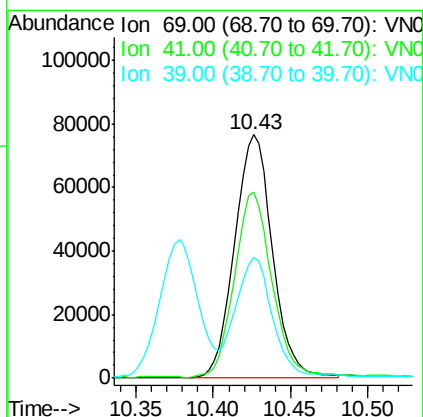
Manual Integrations  
 APPROVED

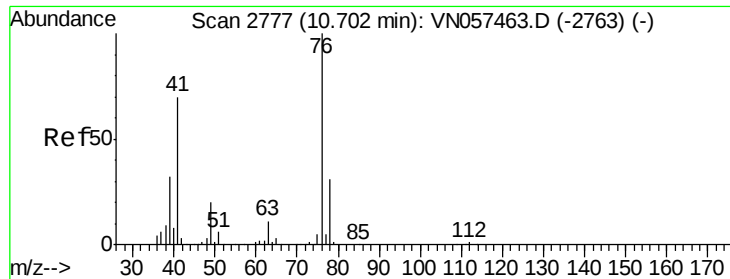
MMDadoda  
 8/28/2019 4:26:43 PM



#51  
 Ethyl methacrylate  
 Concen: 18.207 ug/l  
 RT: 10.43 min Scan# 2691  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 130389 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 75.8  | 37.0  | 111.1  |
| 39       | 48.3  | 24.4  | 73.4   |





#52

1,3-Dichloropropane

Concen: 19.293 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0827WBSD01

Tot Ion: 76 Resp: 151534

Ion Ratio Lower Upper

76 100

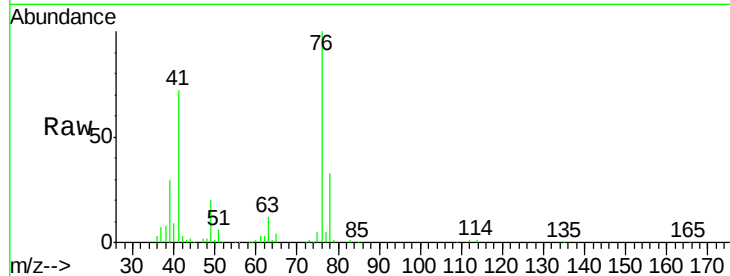
78 32.6 0.0 63.0

Manual Integrations

APPROVED

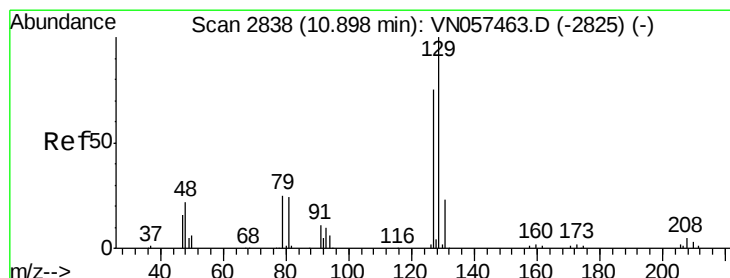
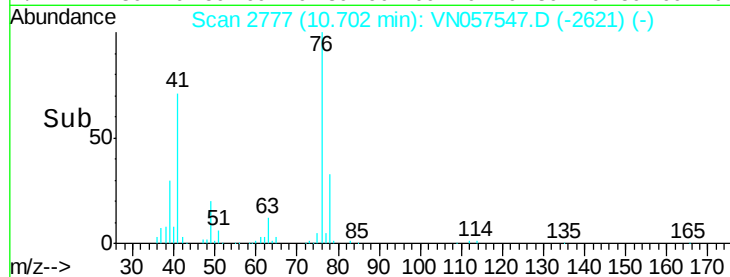
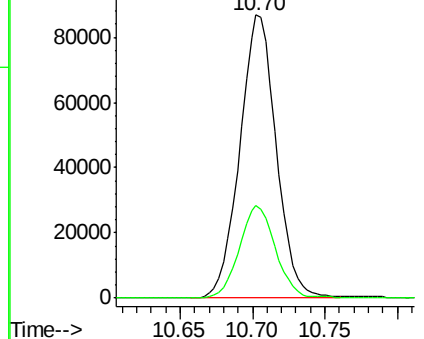
MMDadoda

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Abundance Ion 76.00 (75.70 to 76.70): VN057463.D (-2763) (-)

Ion 78.00 (77.70 to 78.70): VN057463.D (-2763) (-)



#53

Dibromochloromethane

Concen: 17.722 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. 0.00 min

Lab File: VN057547.D

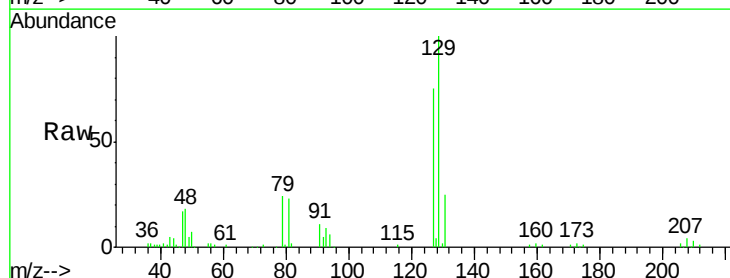
Acq: 27 Aug 2019 11:34

Tgt Ion: 129 Resp: 81391

Ion Ratio Lower Upper

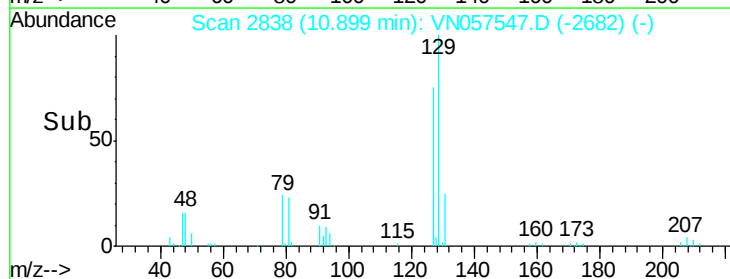
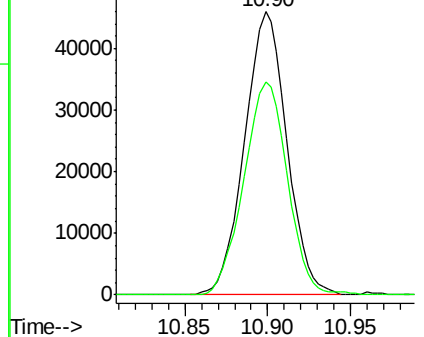
129 100

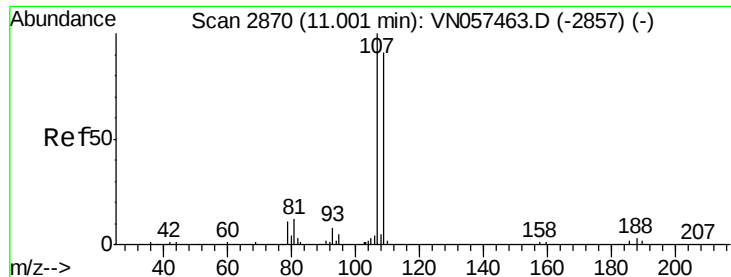
127 77.7 38.1 114.3



Abundance Ion 129.00 (128.70 to 129.70): VN057463.D (-2825) (-)

Ion 127.00 (126.70 to 127.70): VN057463.D (-2825) (-)





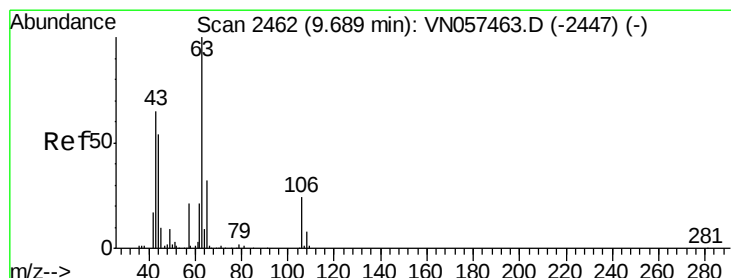
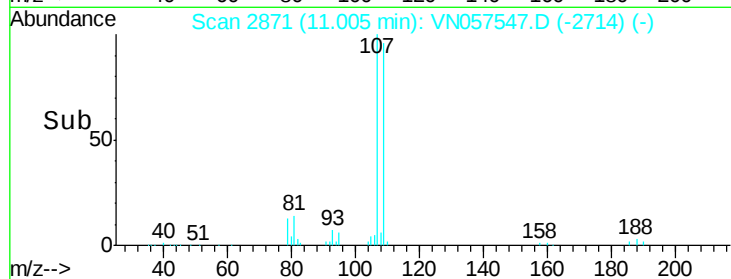
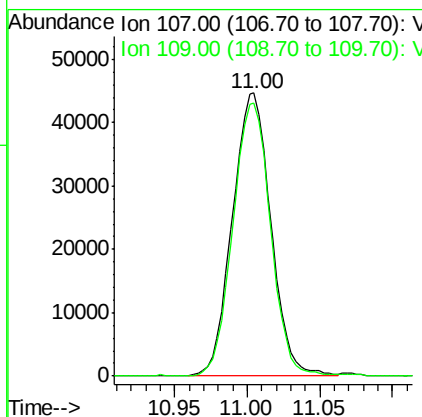
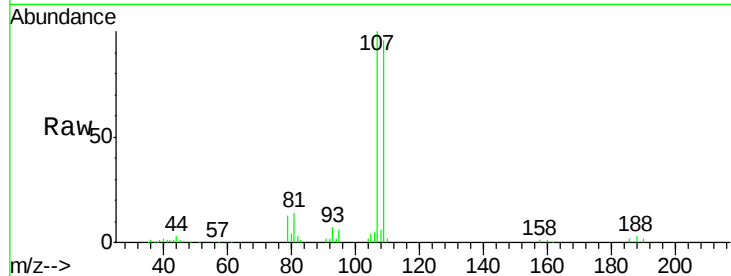
#54  
 1,2-Dibromoethane  
 Concen: 18.739 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0827WBSD01

| Tot Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 107     | 107 | 100   | 82603 |       |       |
| 109     | 109 | 94.5  | 73.2  | 109.8 |       |

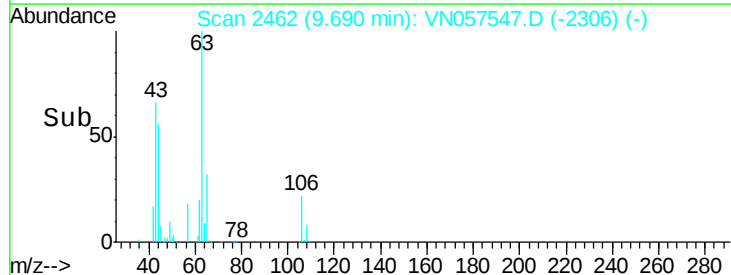
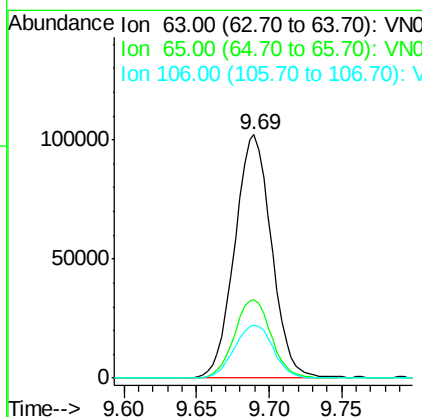
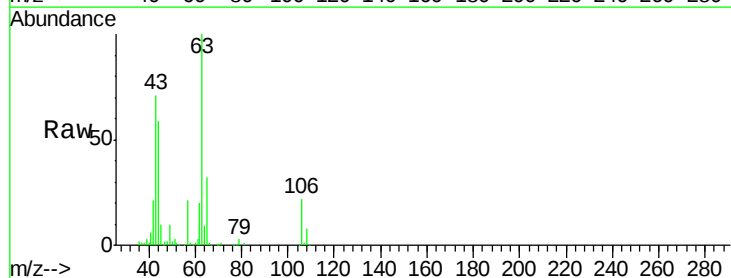
Manual Integrations  
 APPROVED

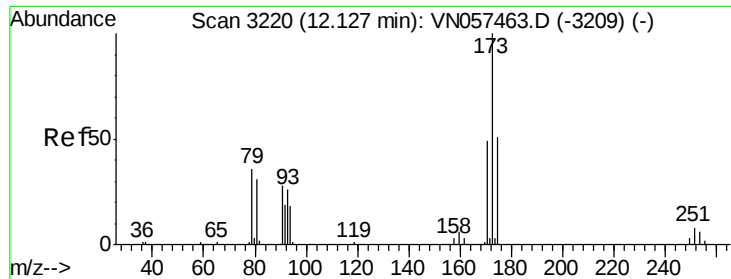
MMDadoda  
 8/28/2019 4:26:43 PM



#55  
 2-Chloroethyl vinyl ether  
 Concen: 102.390 ug/l  
 RT: 9.69 min Scan# 2462  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 63      | 63  | 100   | 180754 |       |       |
| 65      | 65  | 31.9  | 25.1   | 37.7  |       |
| 106     | 106 | 22.7  | 18.7   | 28.1  |       |





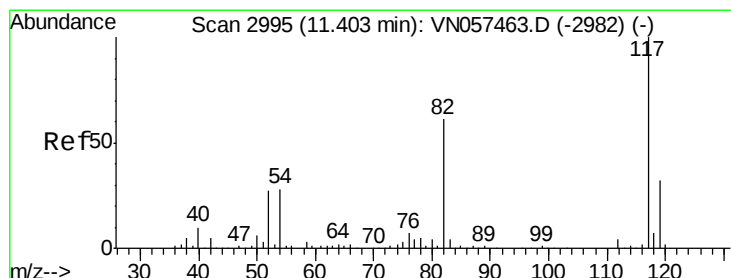
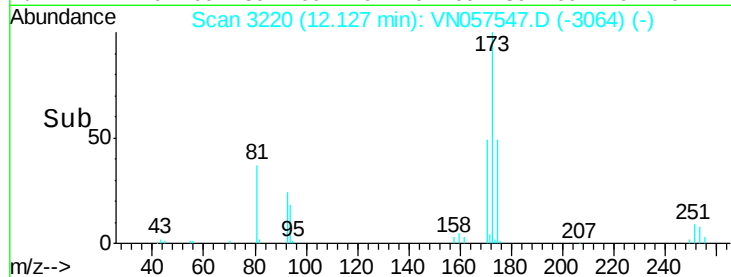
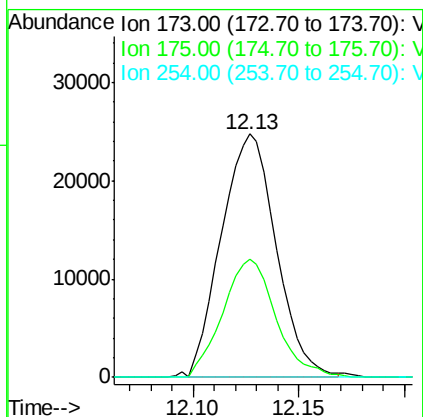
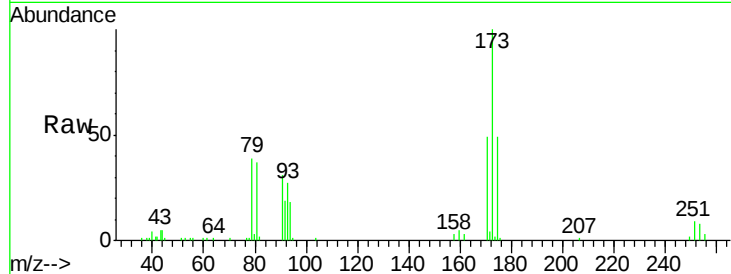
#56  
Bromoform  
Concen: 16.283 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.3  | 40.1  | 60.1  |
| 254     | 0.0   | 0.0   | 0.0   |

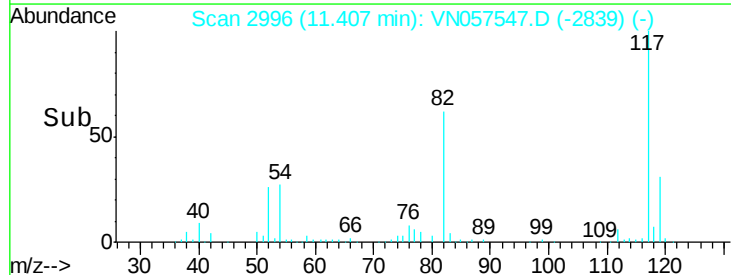
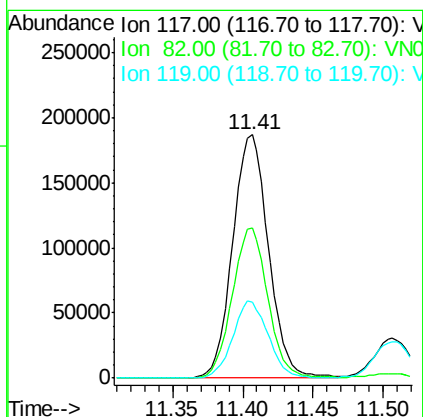
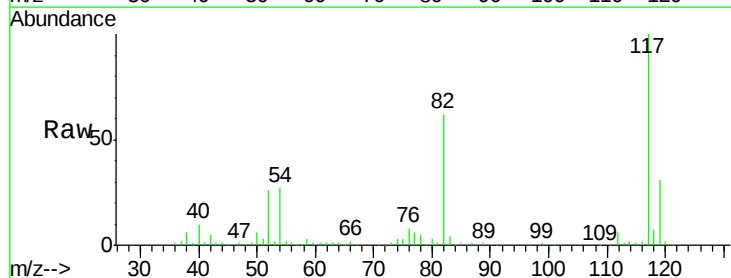
Manual Integrations  
APPROVED

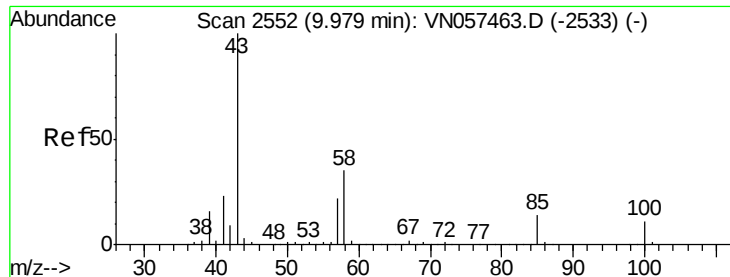
MMDadoda  
8/28/2019 4:26:43 PM



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 61.2  | 50.4  | 75.6  |
| 119     | 31.3  | 25.4  | 38.2  |





#58

4-Methyl-2-Pentanone

Concen: 90.464 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

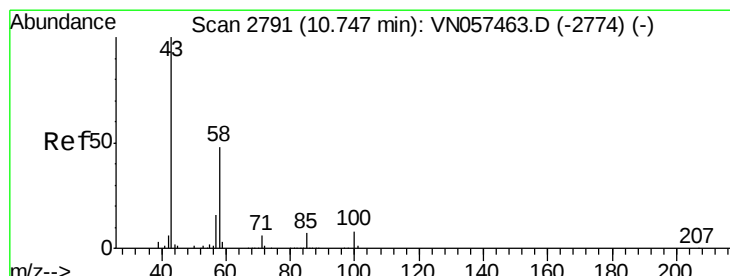
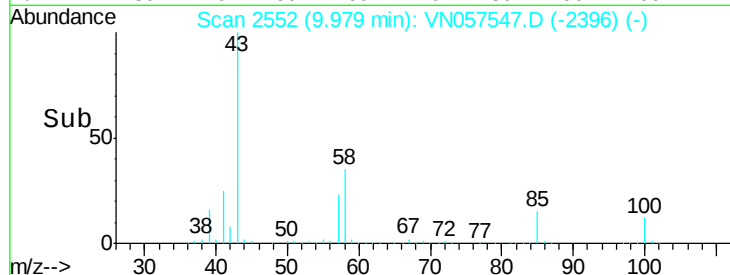
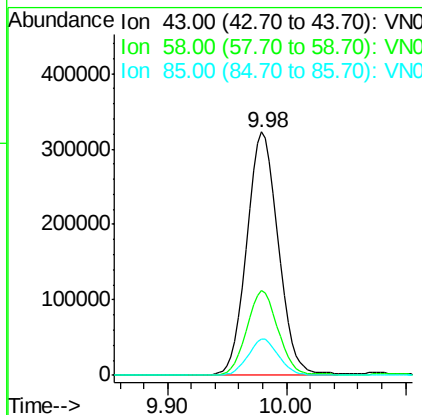
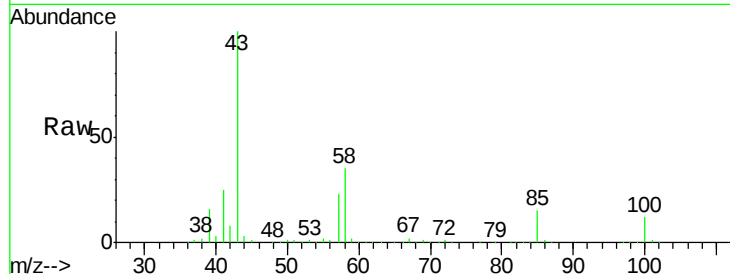
ClientSampleId :

VN0827WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 591756 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 34.6  | 28.0  | 42.0   |
| 85       | 14.5  | 11.3  | 16.9   |

Manual Integrations  
APPROVED

MMDadoda  
8/28/2019 4:26:43 PM



#59

2-Hexanone

Concen: 86.552 ug/l

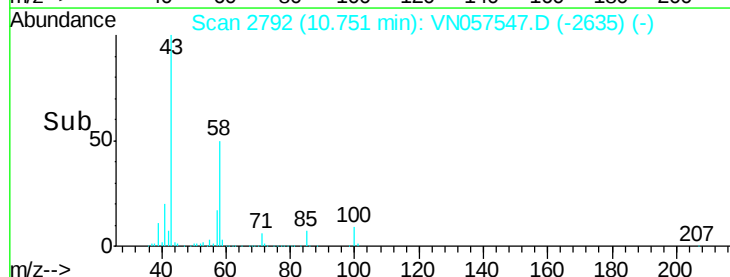
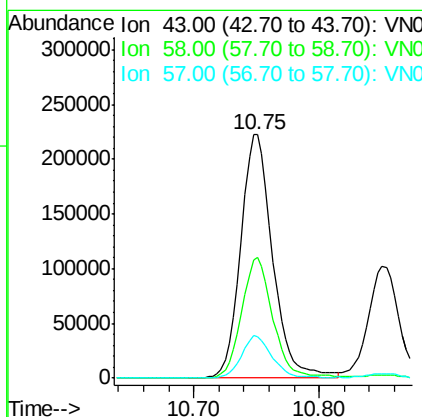
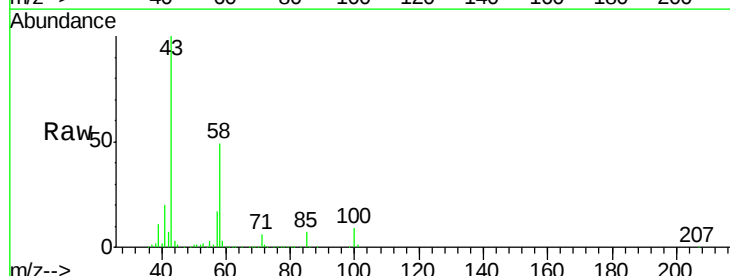
RT: 10.75 min Scan# 2792

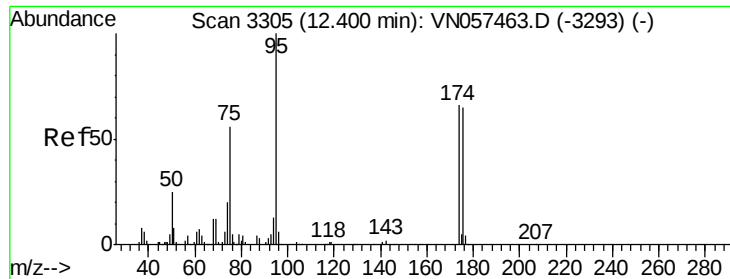
Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 392430 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 49.2  | 38.9  | 58.3   |
| 57       | 16.7  | 13.0  | 19.4   |





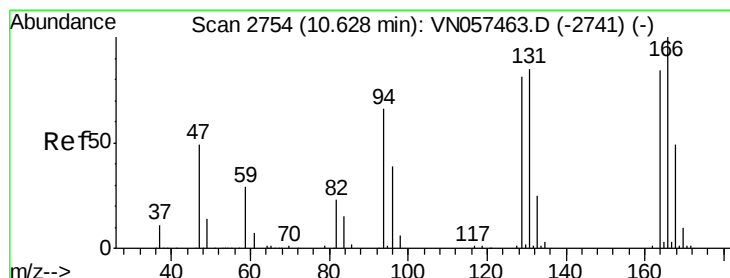
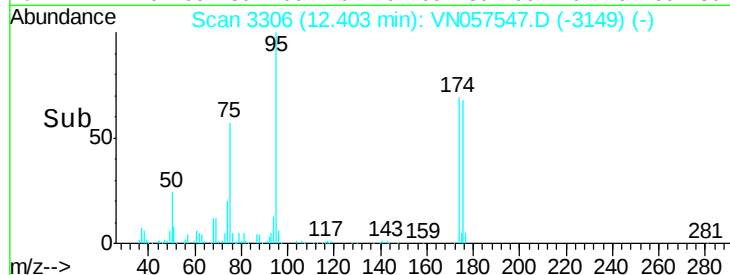
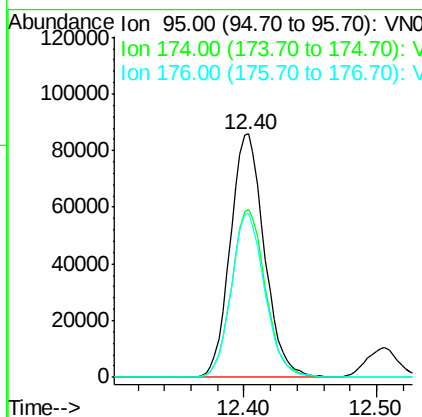
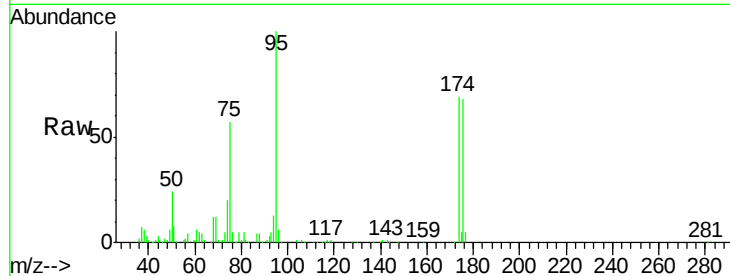
#60  
4-Bromofluorobenzene  
Concen: 27.895 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 68.3  | 54.9  | 82.3  |
| 176     | 66.3  | 54.2  | 81.4  |

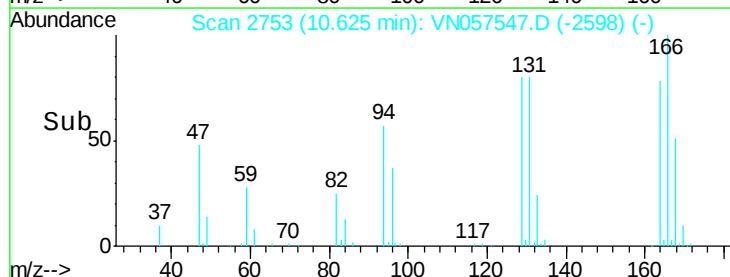
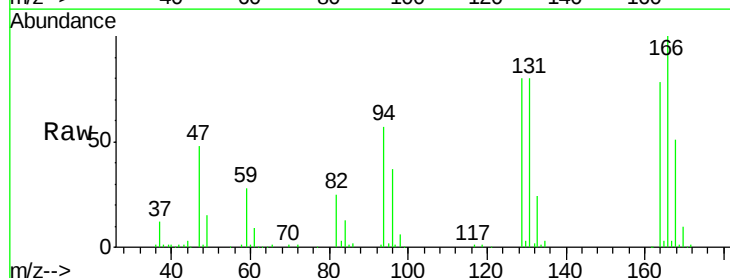
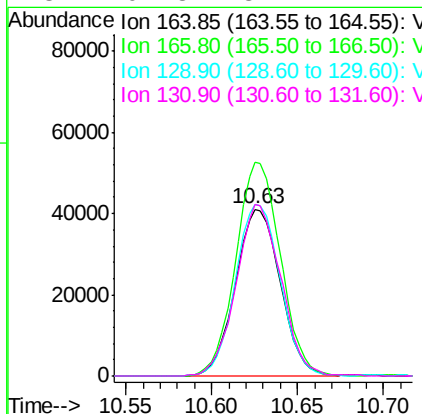
Manual Integrations  
APPROVED

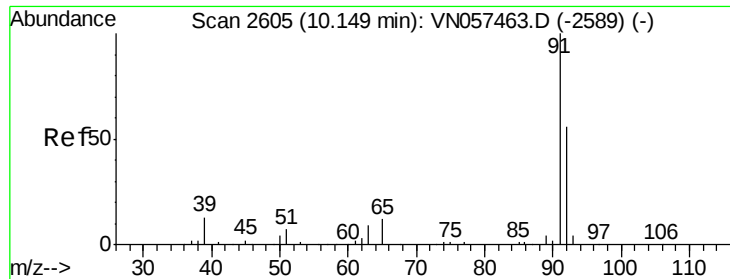
MMDadoda  
8/28/2019 4:26:43 PM



#61  
Tetrachloroethene  
Concen: 19.495 ug/l  
RT: 10.63 min Scan# 2753  
Delta R.T. -0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.3 | 95.8  | 143.6 |
| 129     | 102.4 | 77.2  | 115.8 |
| 131     | 102.8 | 81.1  | 121.7 |





#62

Toluene

Concen: 18.919 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0827WBSD01

Tot Ion: 91 Resp: 385545

Ion Ratio Lower Upper

91 100

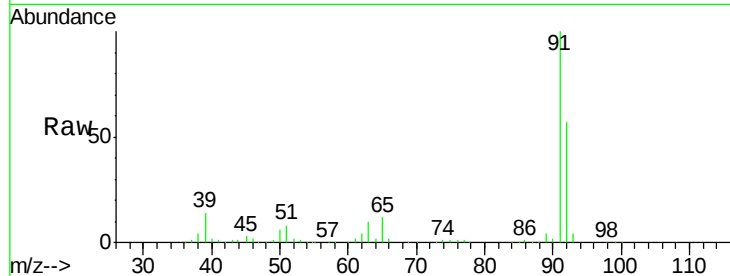
92 57.1 45.4 68.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

250000

200000

150000

100000

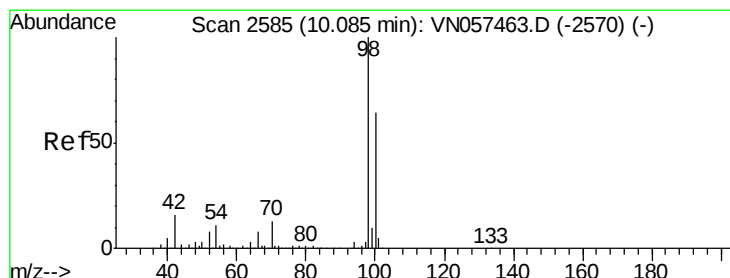
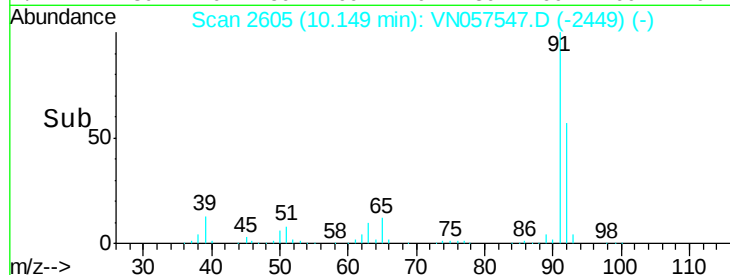
50000

0

10.10

10.20

Time-->



#63

Toluene-d8

Concen: 30.278 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057547.D

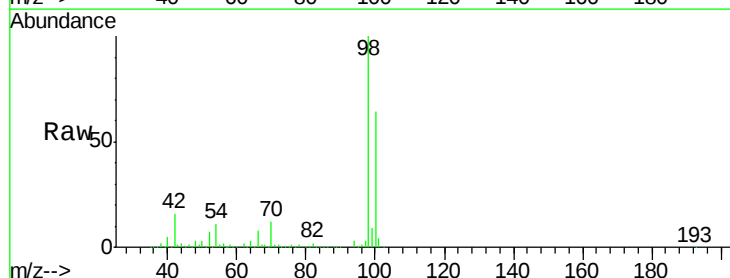
Acq: 27 Aug 2019 11:34

Tgt Ion: 98 Resp: 509851

Ion Ratio Lower Upper

98 100

100 62.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

300000

250000

200000

150000

100000

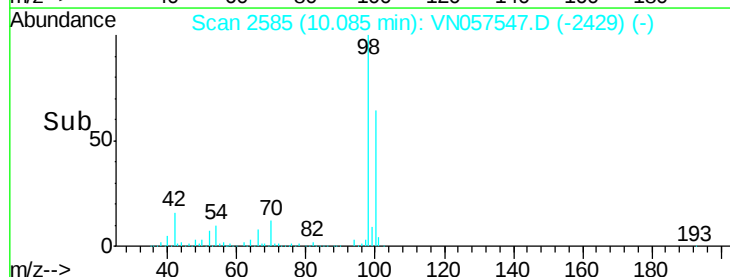
50000

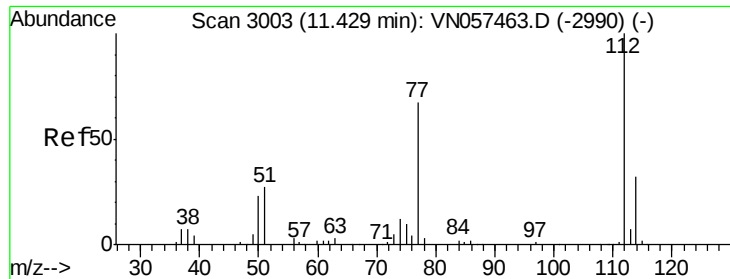
0

10.00

10.10

Time-->





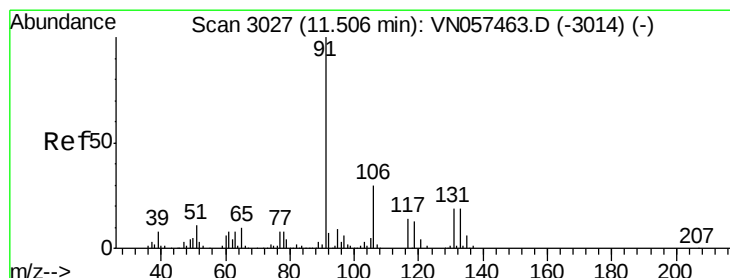
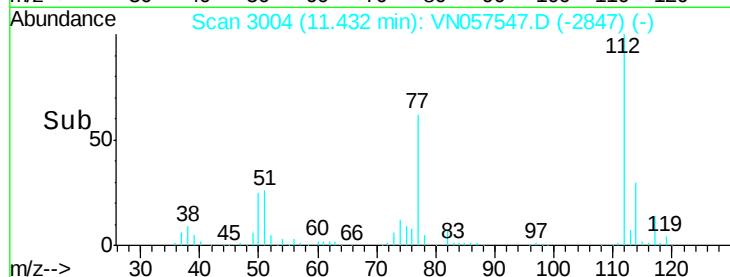
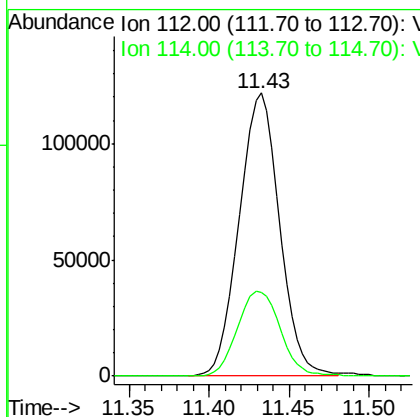
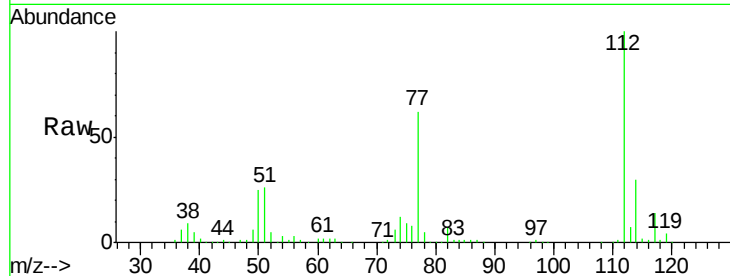
#64  
Chlorobenzene  
Concen: 18.923 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0827WBSD01

Tot Ion:112 Resp: 209655  
Ion Ratio Lower Upper  
112 100  
114 29.6 25.6 38.4

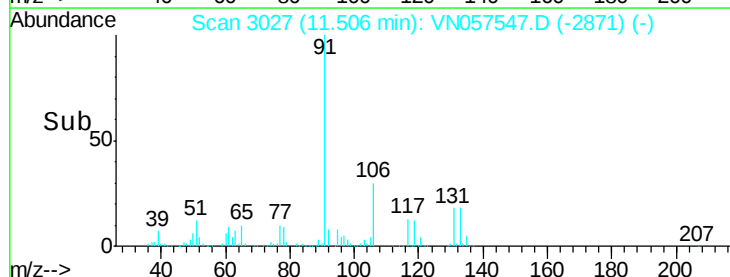
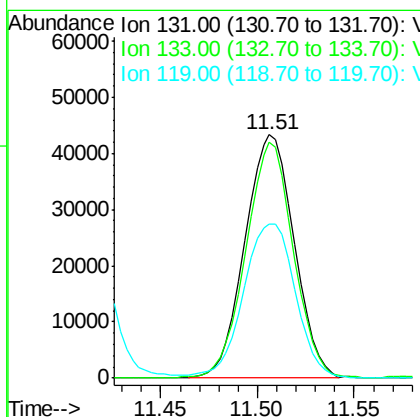
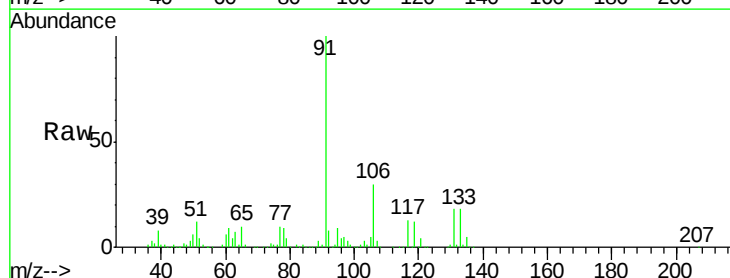
Manual Integrations  
APPROVED

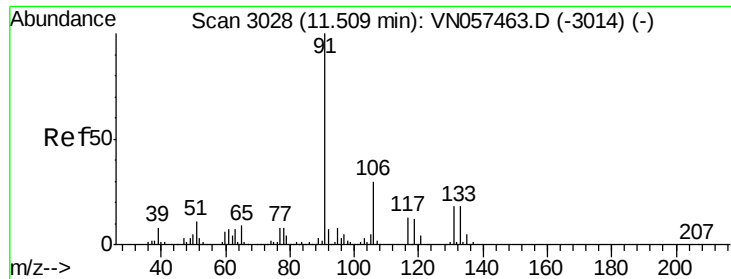
MMDadoda  
8/28/2019 4:26:43 PM



#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.185 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Tgt Ion:131 Resp: 76565  
Ion Ratio Lower Upper  
131 100  
133 93.5 0.0 193.6  
119 67.2 0.0 137.4





#66

Ethyl Benzene

Concen: 18.813 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

ClientSampled :

VN0827WBSD01

Tot Ion: 91 Resp: 410317

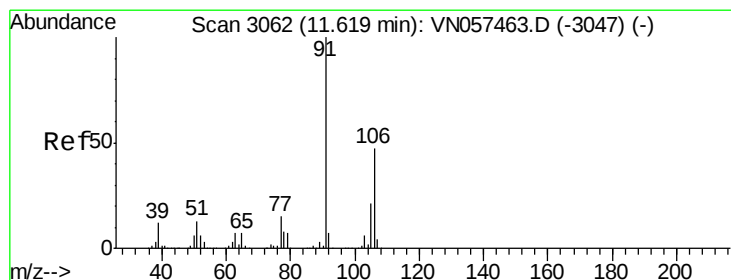
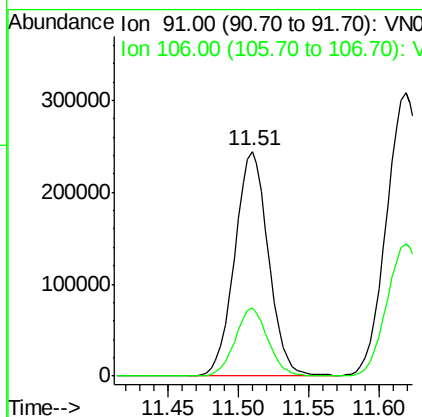
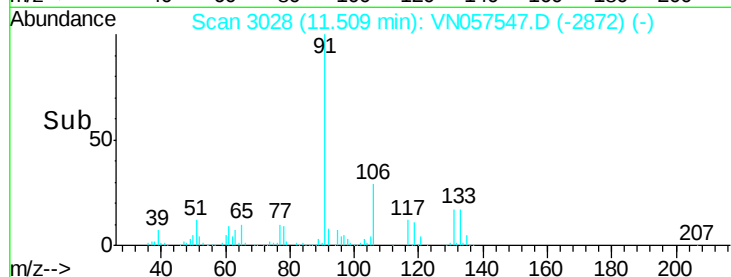
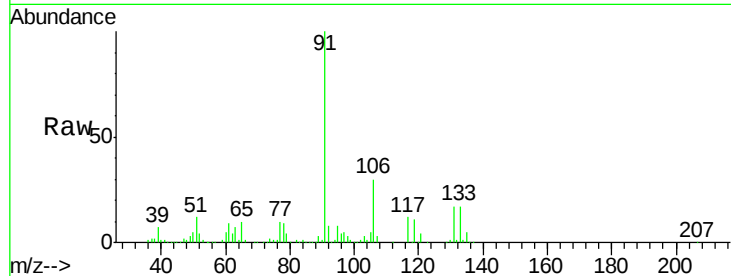
Ion Ratio Lower Upper

91 100

106 30.2 23.6 35.4

Manual Integrations  
APPROVED

MMDadoda  
8/28/2019 4:26:43 PM



#67

m/p-Xylenes

Concen: 37.505 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN057547.D

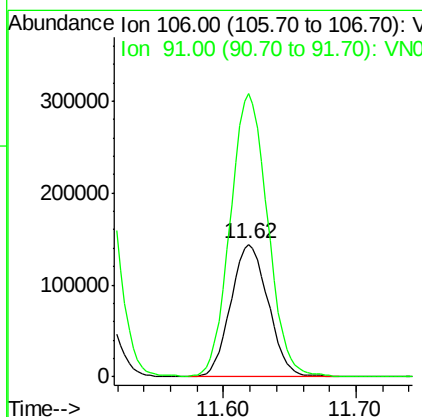
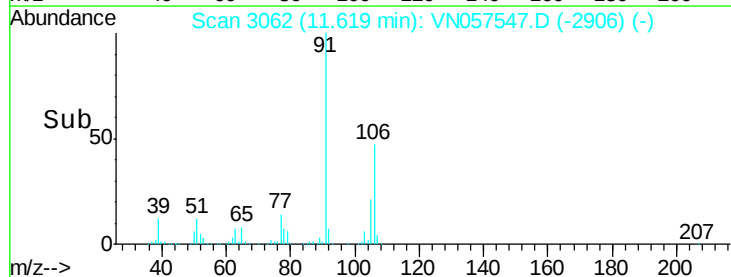
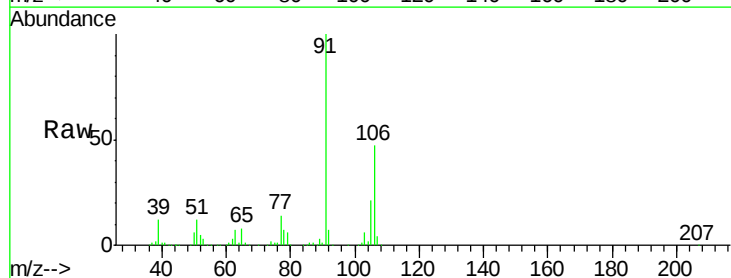
Acq: 27 Aug 2019 11:34

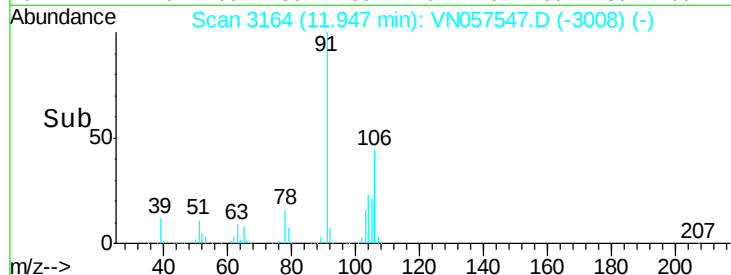
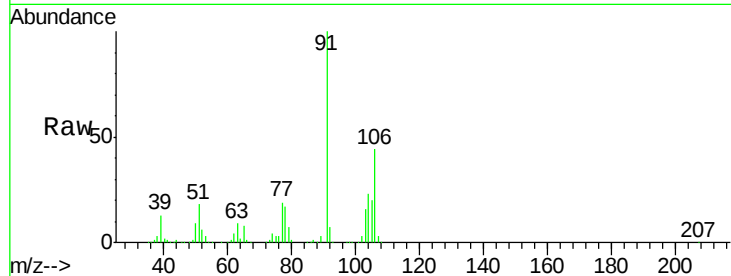
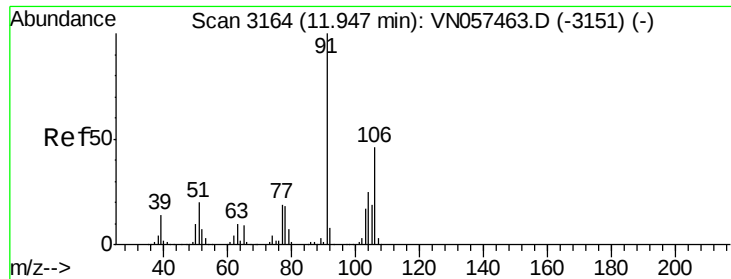
Tgt Ion: 106 Resp: 283718

Ion Ratio Lower Upper

106 100

91 211.4 172.9 259.3





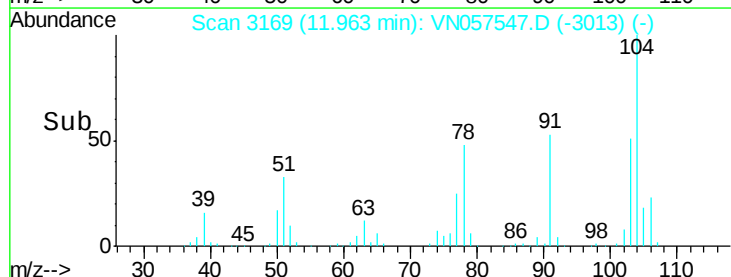
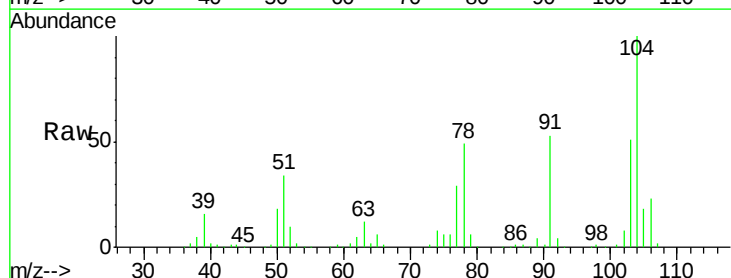
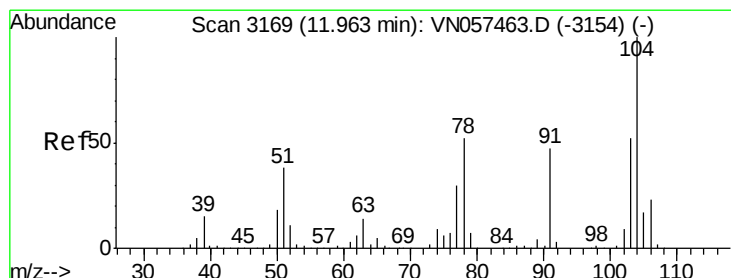
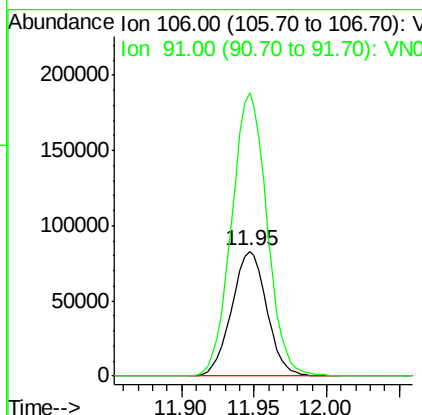
#68  
o-Xylene  
Concen: 18.705 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Tot Ion:106 Resp: 139838  
Ion Ratio Lower Upper  
106 100  
91 228.4 111.1 333.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

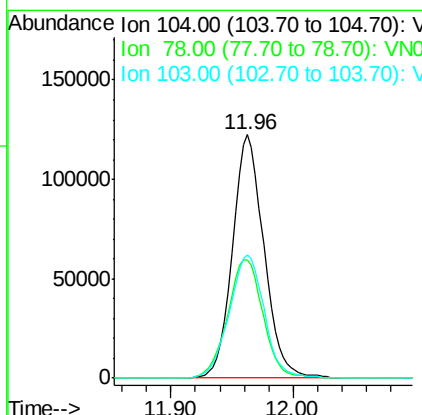
Manual Integrations  
APPROVED

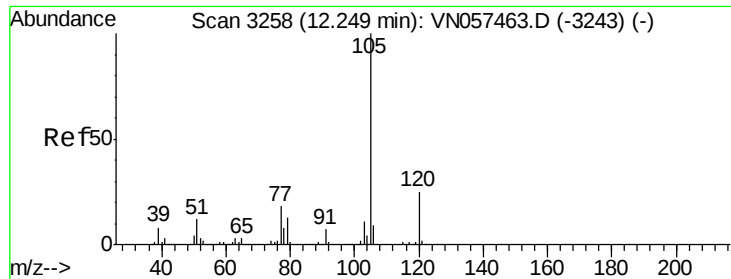
MMDadoda  
8/28/2019 4:26:43 PM



#69  
Styrene  
Concen: 18.369 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Tgt Ion:104 Resp: 219378  
Ion Ratio Lower Upper  
104 100  
78 55.2 46.5 69.7  
103 56.4 45.9 68.9





#70

Isopropylbenzene

Concen: 18.870 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0827WBSD01

Tot Ion:105 Resp: 377386

Ion Ratio Lower Upper

105 100

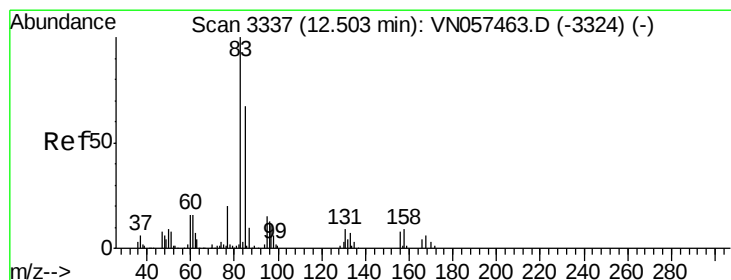
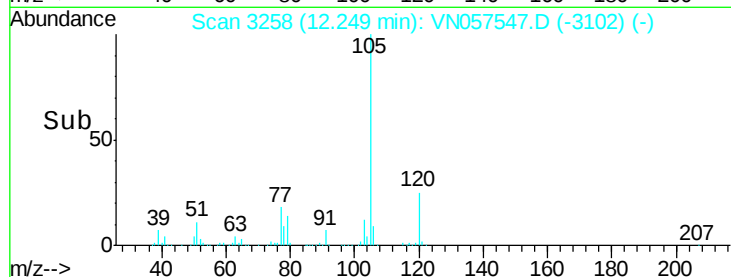
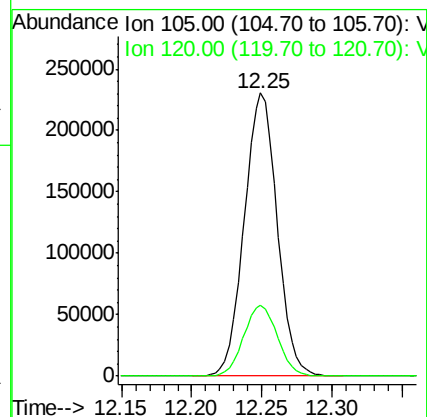
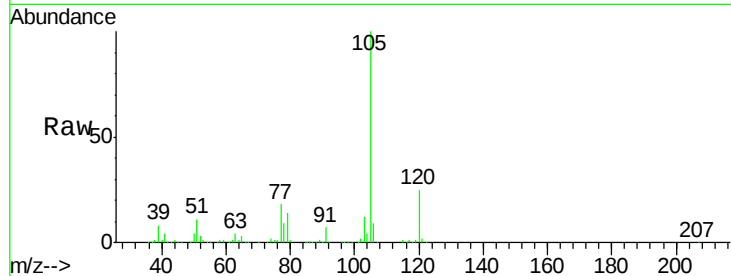
120 25.7 17.8 33.1

Manual Integrations

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#71

1,1,2,2-Tetrachloroethane

Concen: 18.505 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

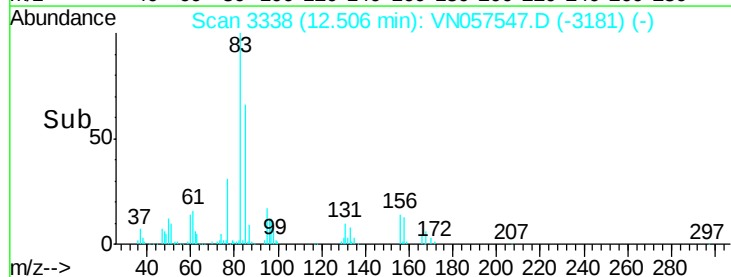
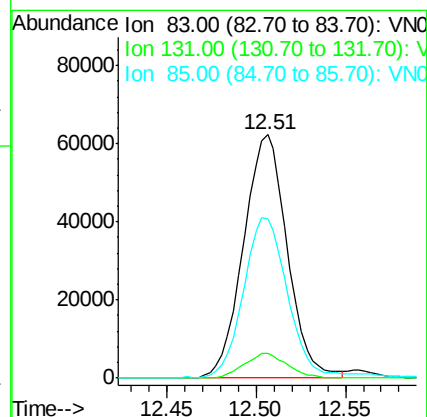
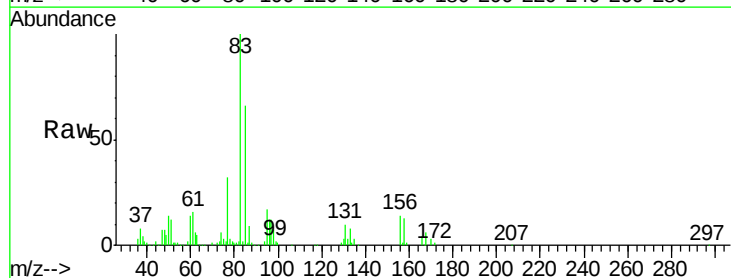
Tgt Ion: 83 Resp: 107022

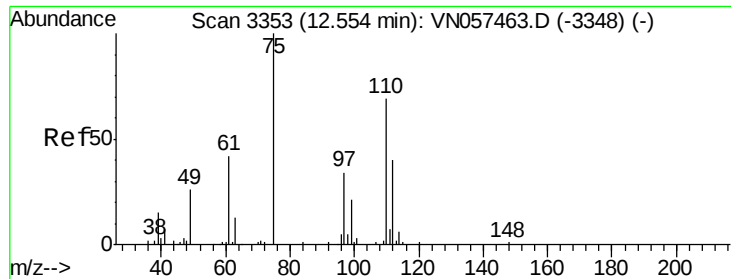
Ion Ratio Lower Upper

83 100

131 10.0 4.7 14.1

85 65.7 33.1 99.2





#72

1,2,3-Trichloropropane

Concen: 18.416 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0827WBSD01

Tot Ion: 75 Resp: 96687

Ion Ratio Lower Upper

75 100

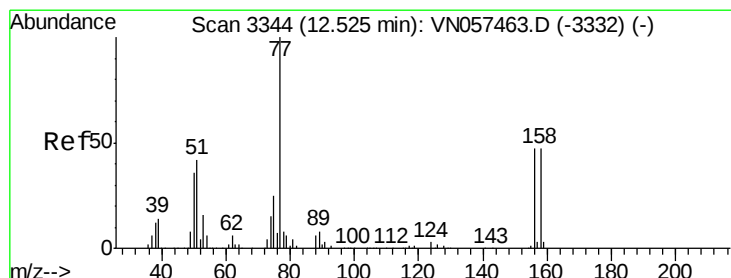
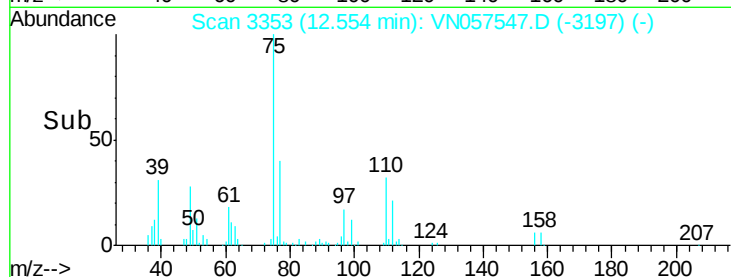
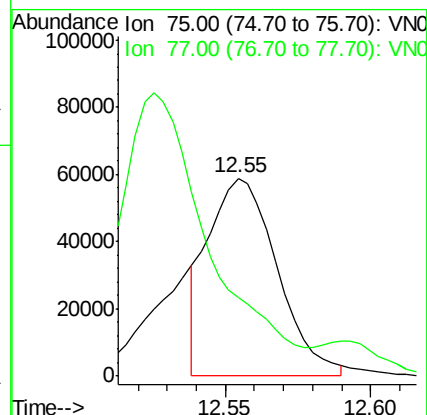
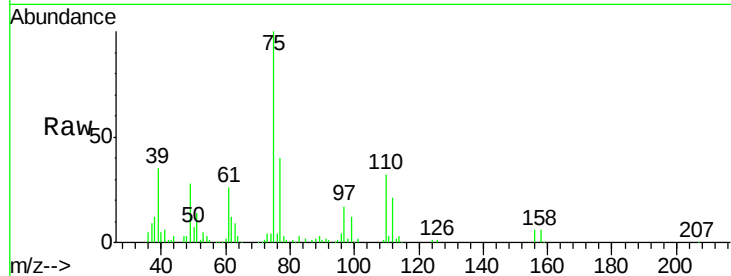
77 189.1 0.0 380.2

Manual Integrations

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#73

Bromobenzene

Concen: 18.438 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

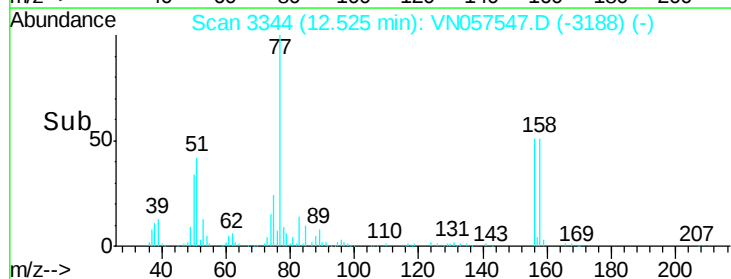
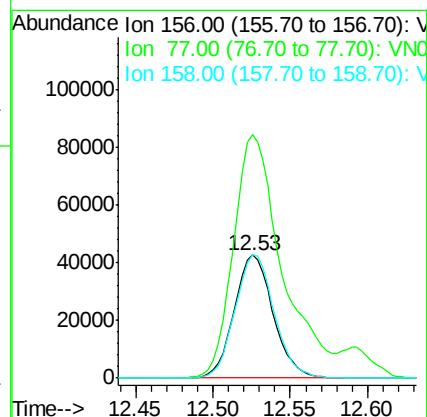
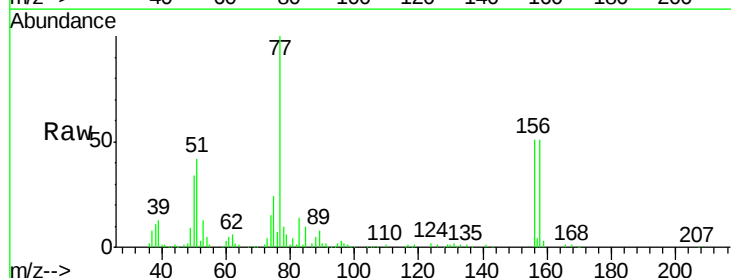
Tgt Ion: 156 Resp: 74635

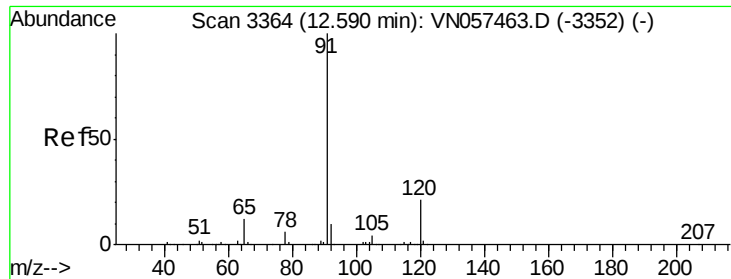
Ion Ratio Lower Upper

156 100

77 245.0 0.0 506.8

158 100.7 0.0 196.6





#74

n-propylbenzene

Concen: 17.983 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0827WBSD01

Tot Ion: 91 Resp: 410098

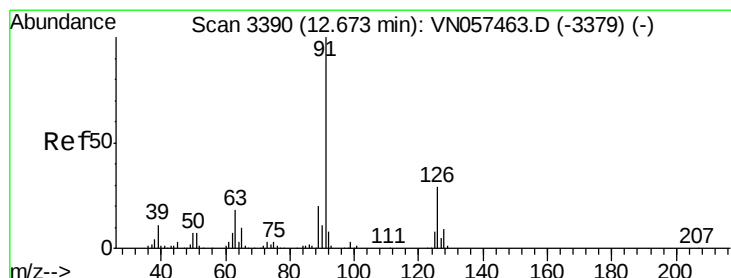
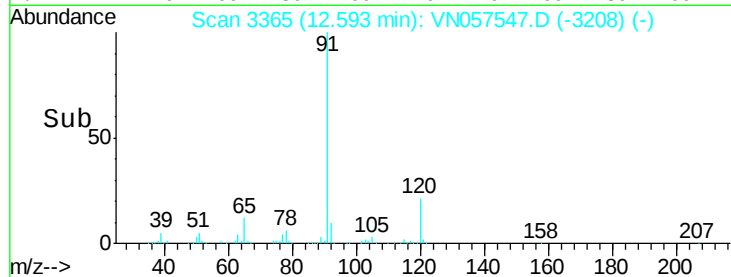
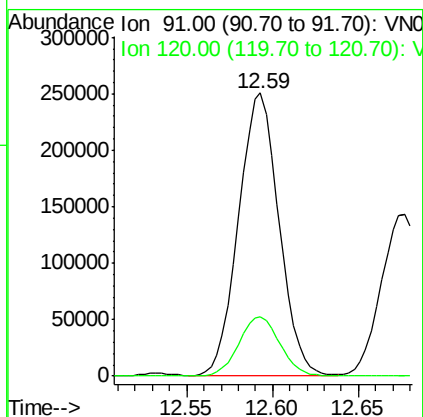
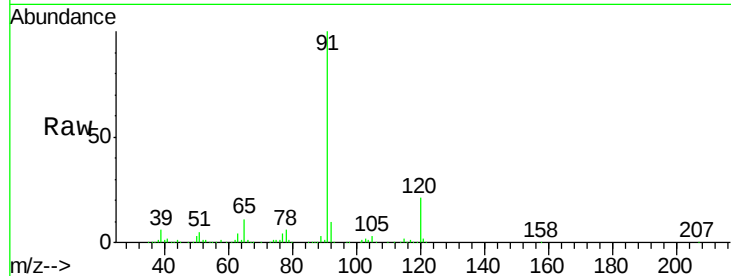
Ion Ratio Lower Upper

91 100

120 21.1 0.0 42.2

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#75

2-Chlorotoluene

Concen: 18.367 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057547.D

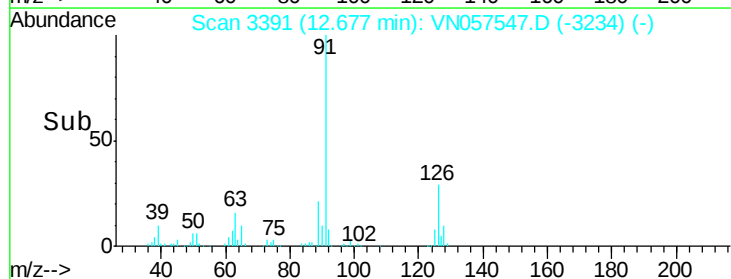
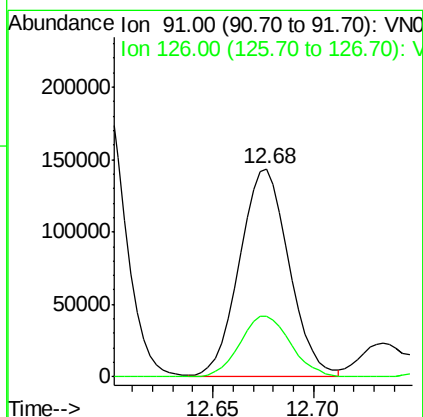
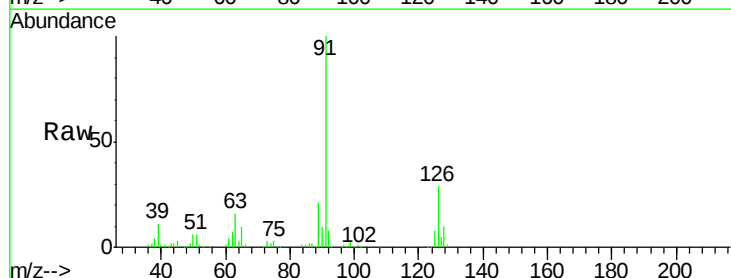
Acq: 27 Aug 2019 11:34

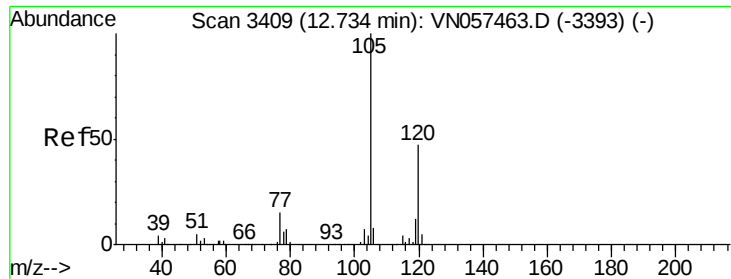
Tgt Ion: 91 Resp: 246677

Ion Ratio Lower Upper

91 100

126 29.9 0.0 60.4





#76

1,3,5-Trimethylbenzene

Concen: 18.273 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

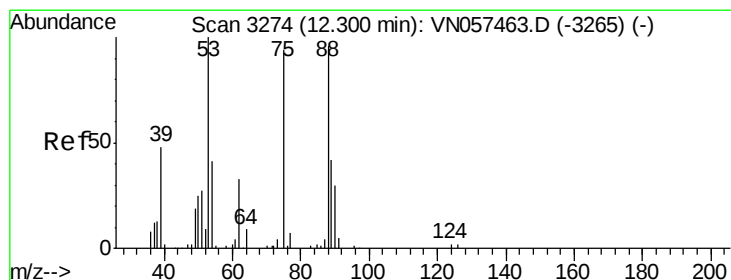
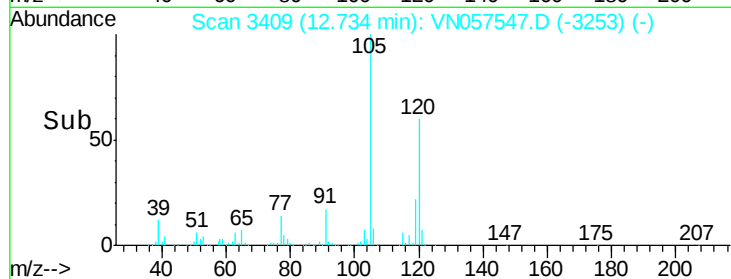
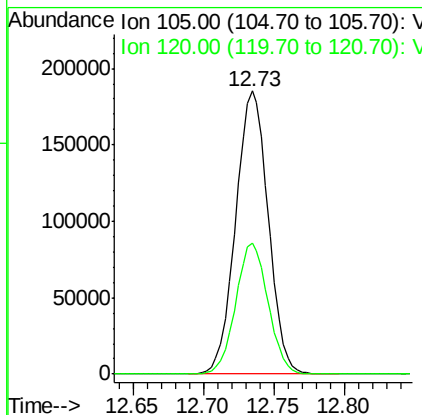
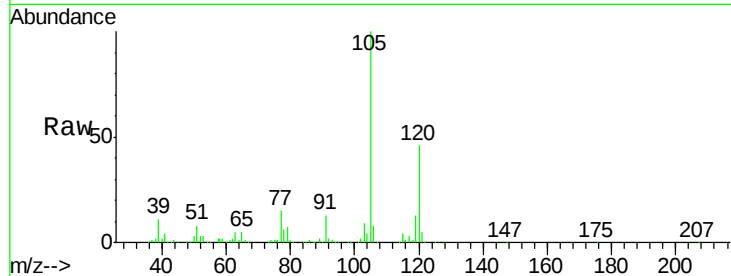
ClientSampleId :

VN0827WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 299911 |       |       |
| 120     | 46.0  | 0.0    | 94.4  |       |

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#77

t-1,4-Dichloro-2-butene

Concen: 15.649 ug/l

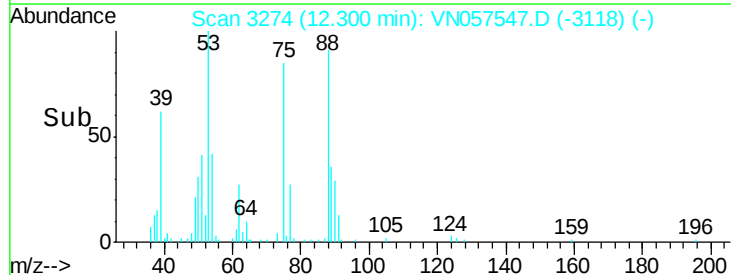
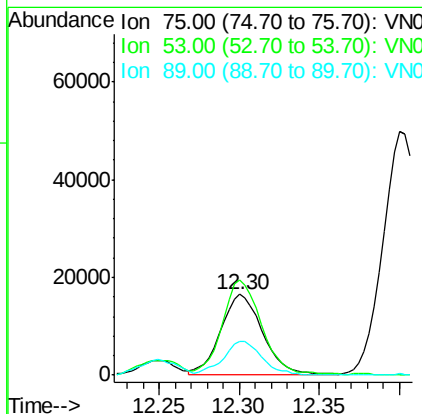
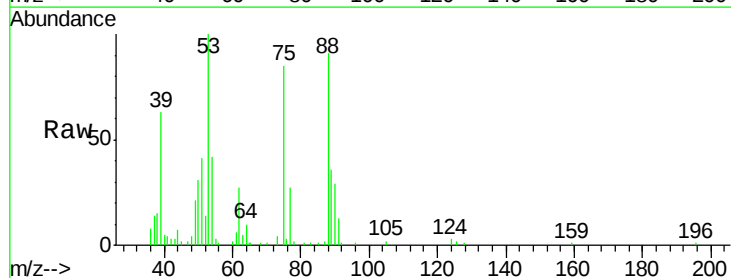
RT: 12.30 min Scan# 3274

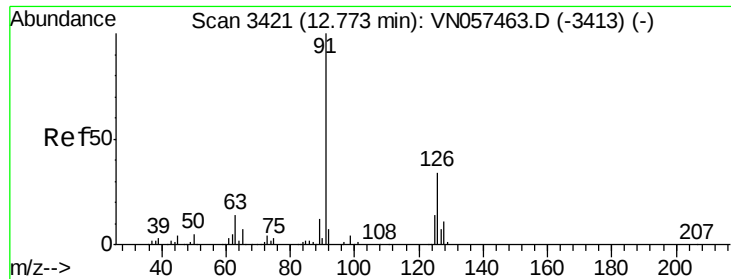
Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 29463 |       |       |
| 53      | 117.0 | 55.6  | 166.9 |       |
| 89      | 43.1  | 23.8  | 71.4  |       |





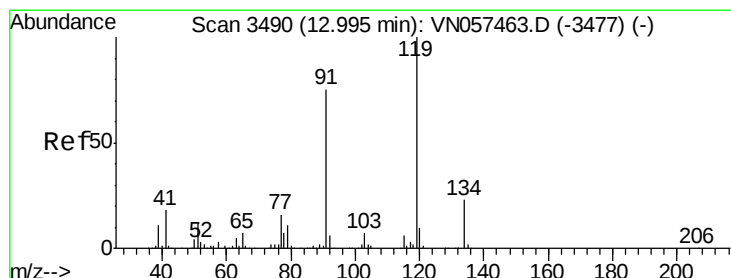
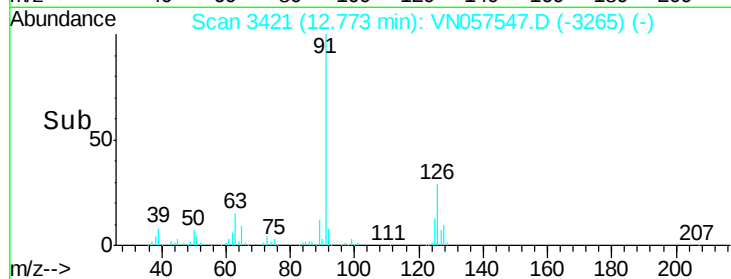
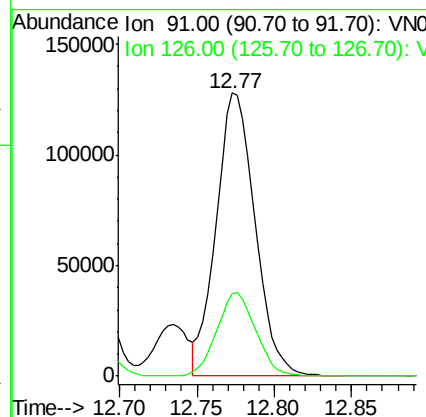
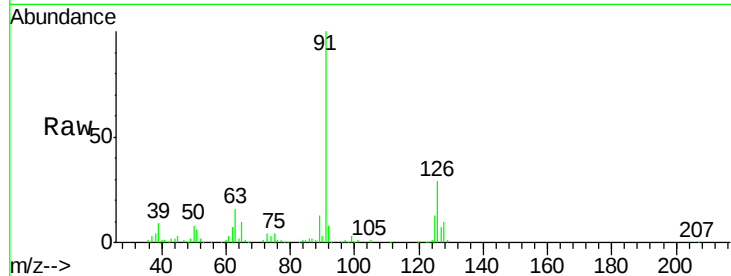
#78  
4-Chlorotoluene  
Concen: 17.652 ug/l  
RT: 12.77 min Scan# 3421  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 224002 |       |       |
| 126     | 29.6  | 0.0    | 61.6  |       |

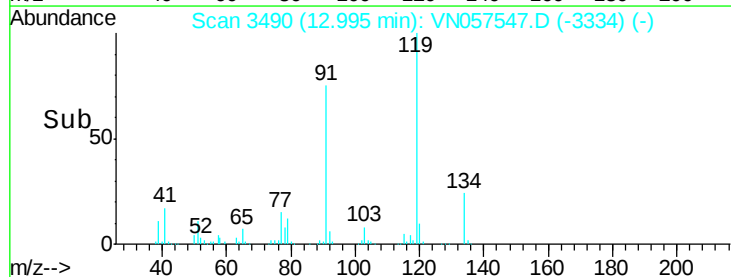
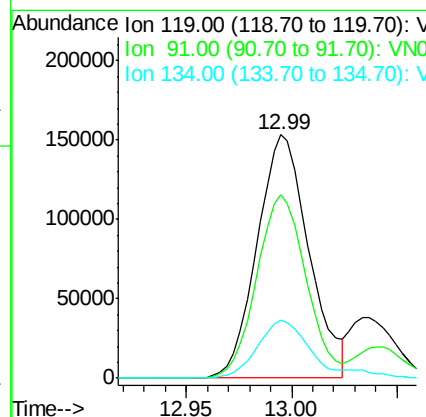
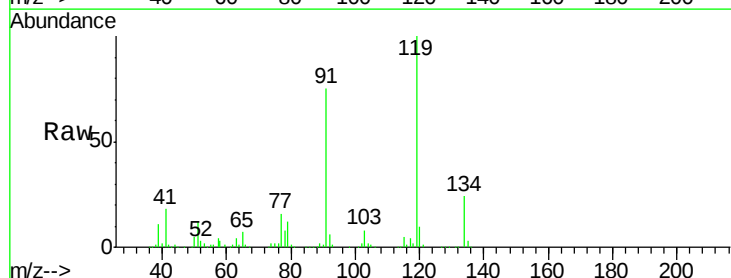
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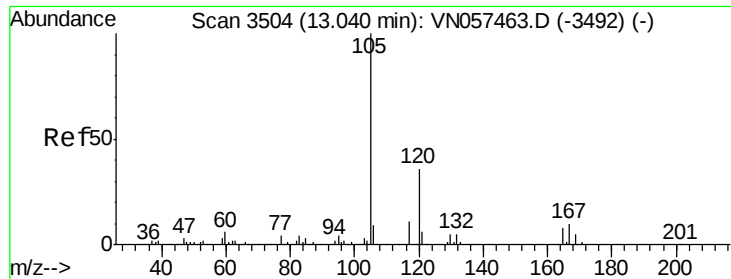
MMDadoda  
8/28/2019 4:26:43 PM



#79  
tert-butylbenzene  
Concen: 18.695 ug/l  
RT: 12.99 min Scan# 3490  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 261090 |       |       |
| 91      | 72.3  | 0.0    | 146.6 |       |
| 134     | 22.9  | 0.0    | 46.2  |       |





#80

1,2,4-Trimethylbenzene

Concen: 18.637 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0827WBSD01

Tot Ion:105 Resp: 285173

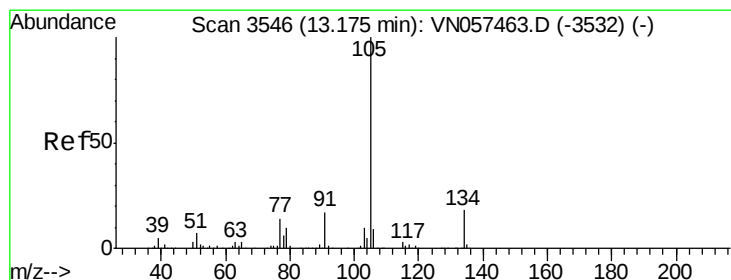
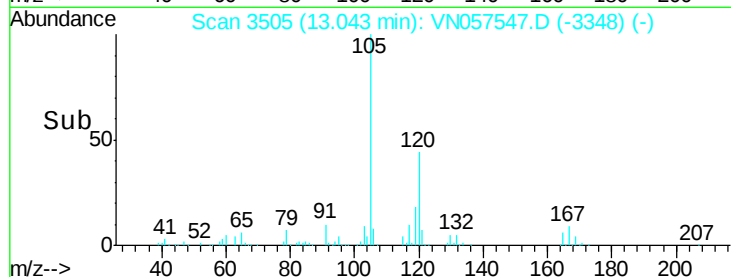
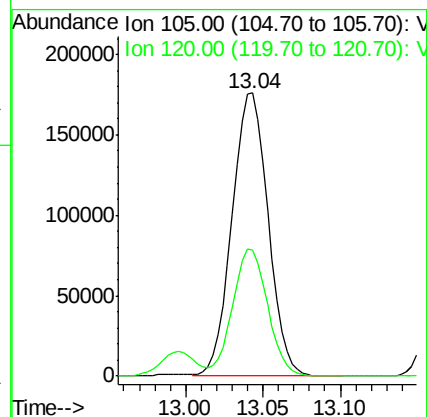
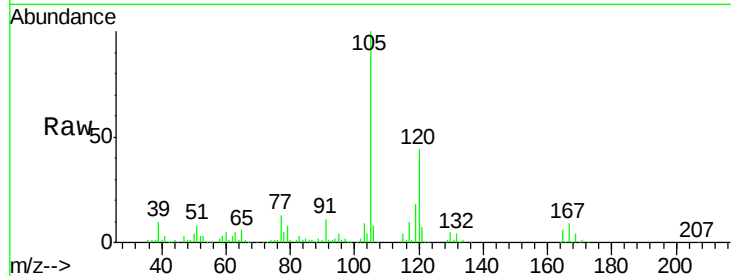
Ion Ratio Lower Upper

105 100

120 43.4 0.0 85.4

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#81

sec-Butylbenzene

Concen: 17.910 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057547.D

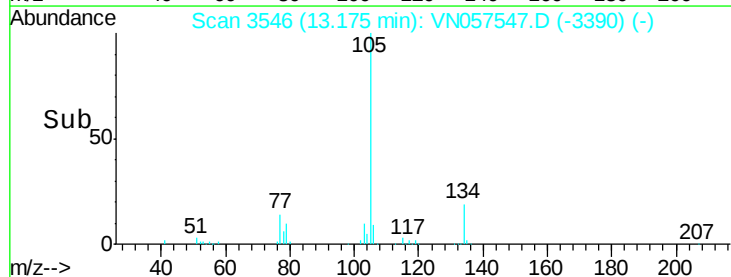
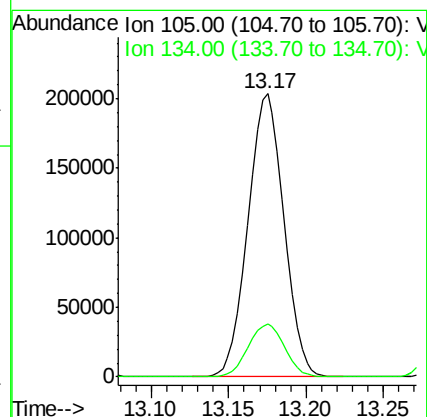
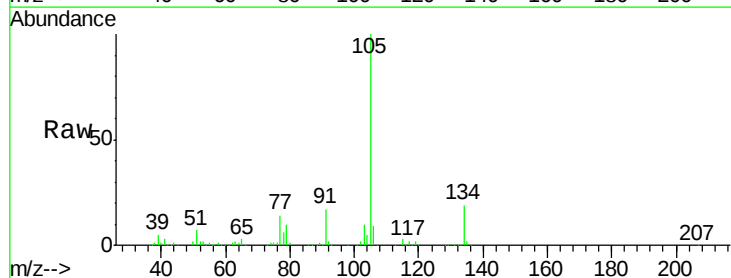
Acq: 27 Aug 2019 11:34

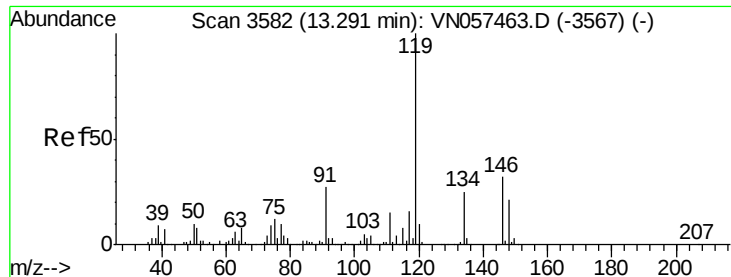
Tgt Ion:105 Resp: 329607

Ion Ratio Lower Upper

105 100

134 18.7 0.0 36.0





#82

p-Isopropyltoluene

Concen: 17.717 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

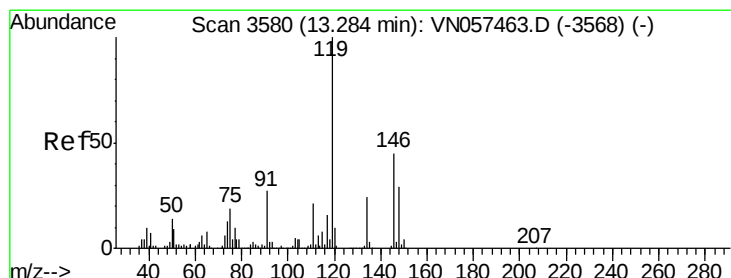
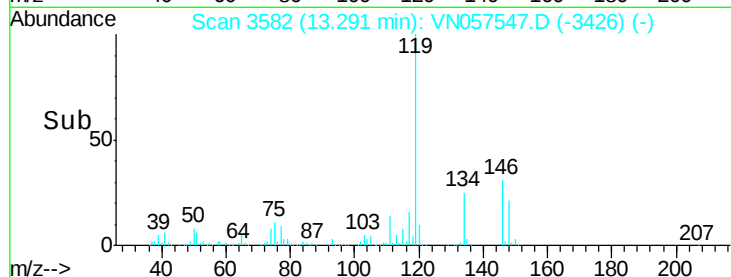
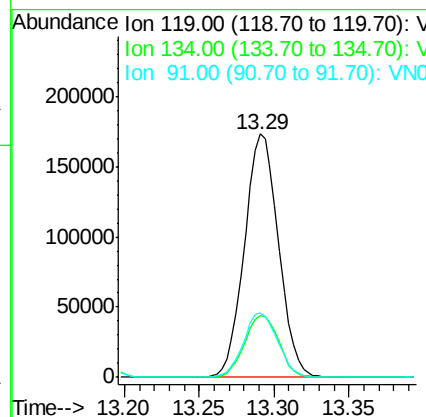
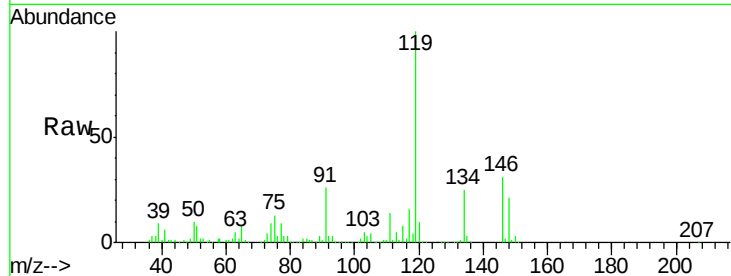
ClientSampleId :

VN0827WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 274117 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 134       | 25.7  | 0.0   | 49.6   |
| 91        | 26.6  | 0.0   | 55.2   |

Manual Integrations  
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#83

1,3-Dichlorobenzene

Concen: 17.015 ug/l

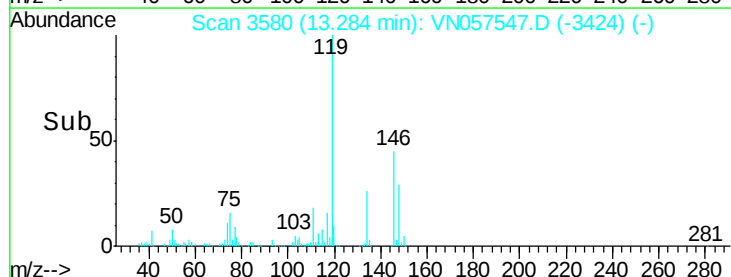
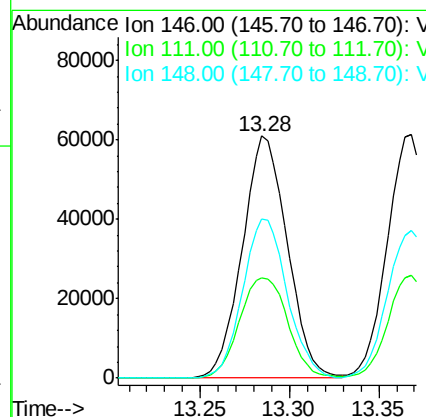
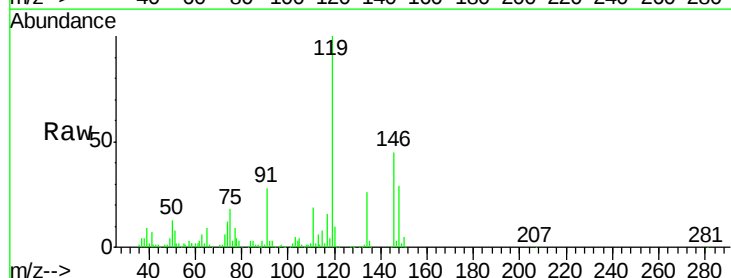
RT: 13.28 min Scan# 3580

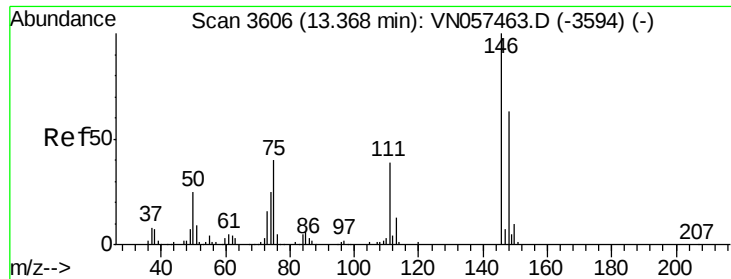
Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 107220 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 44.6  | 22.4  | 67.0   |
| 148       | 64.9  | 31.8  | 95.4   |





#84

1,4-Dichlorobenzene

Concen: 17.096 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

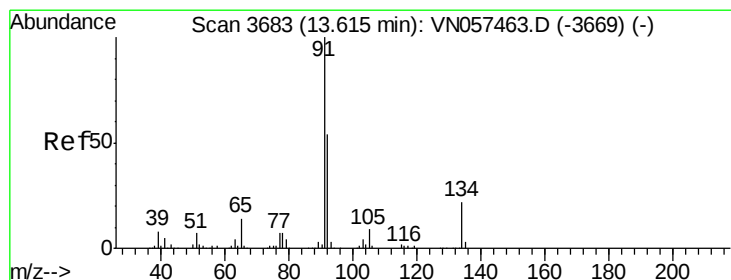
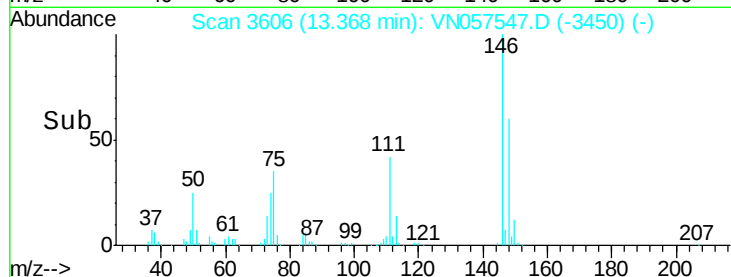
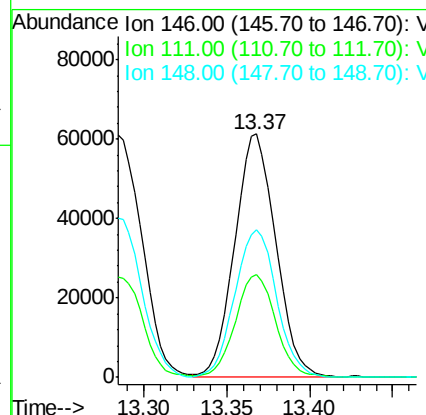
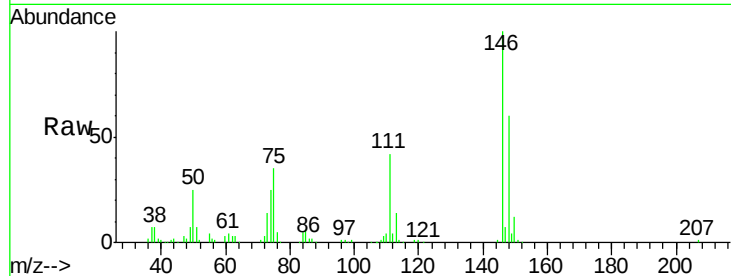
ClientSampleId :

VN0827WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 104806 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.8  | 20.5  | 61.5   |
| 148       | 62.2  | 31.9  | 95.7   |

Manual Integrations  
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#85

n-Butylbenzene

Concen: 16.401 ug/l

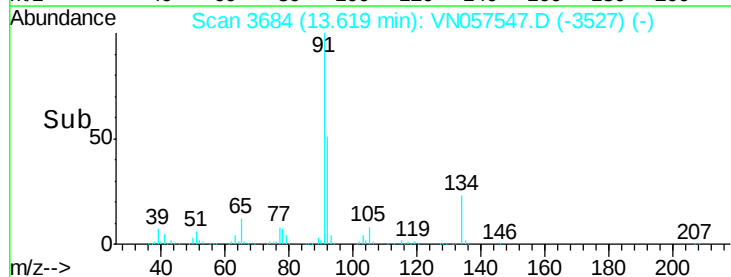
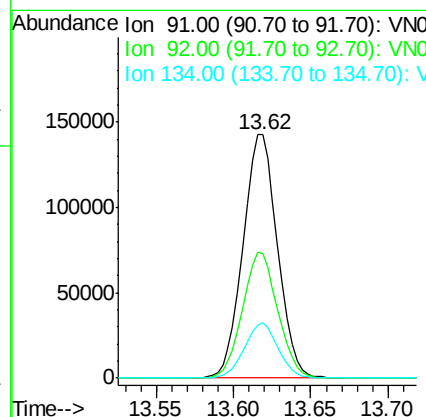
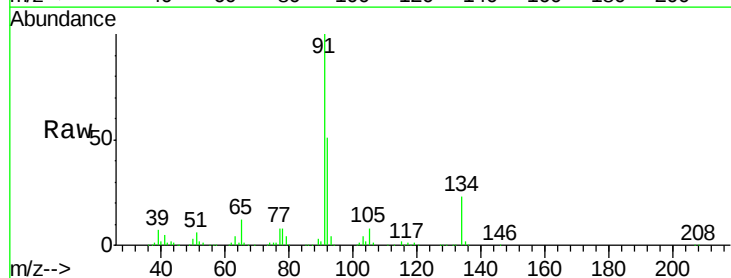
RT: 13.62 min Scan# 3684

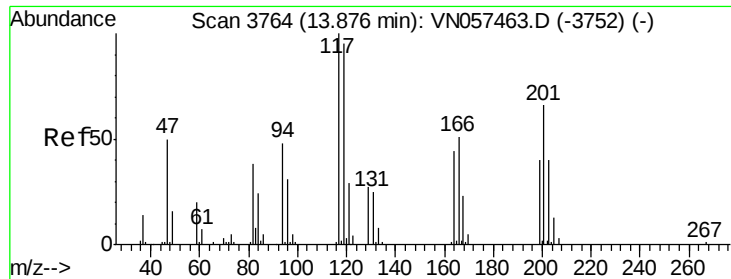
Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 221229 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 52.6  | 0.0   | 105.6  |
| 134       | 22.2  | 0.0   | 46.0   |





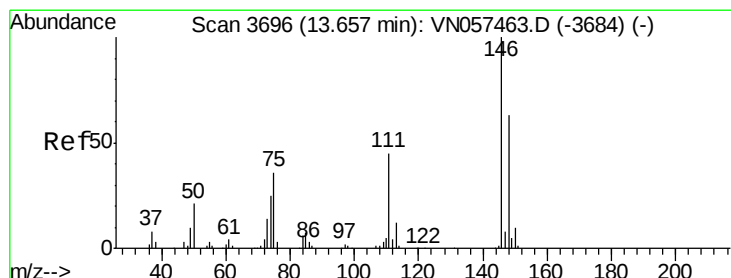
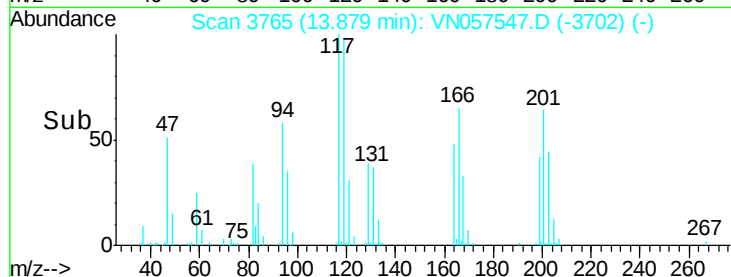
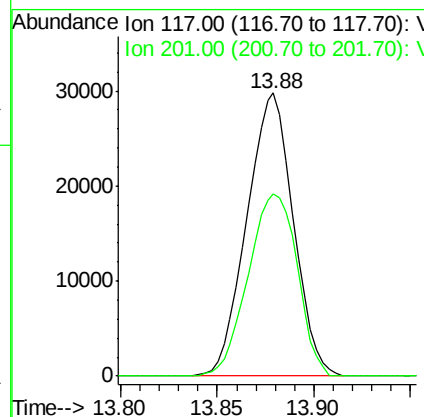
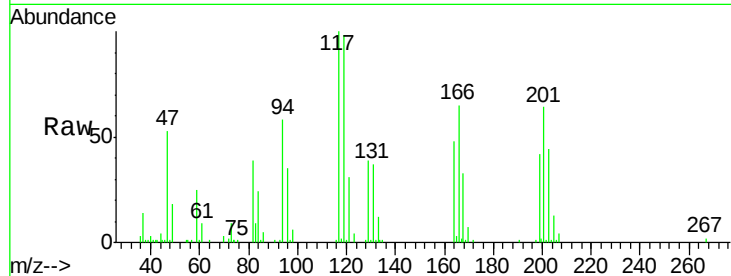
#86  
Hexachloroethane  
Concen: 15.957 ug/l  
RT: 13.88 min Scan# 3765  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

Tot Ion:117 Resp: 49815  
Ion Ratio Lower Upper  
117 100  
201 67.9 34.0 101.8

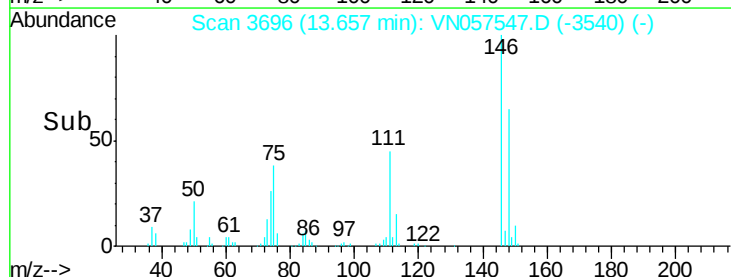
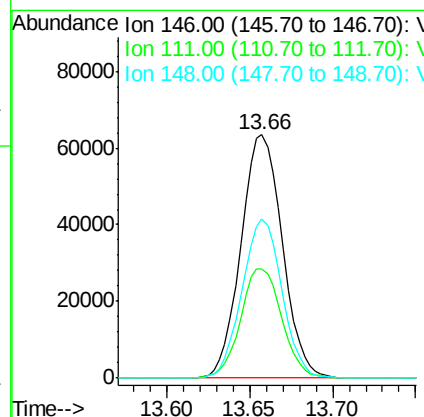
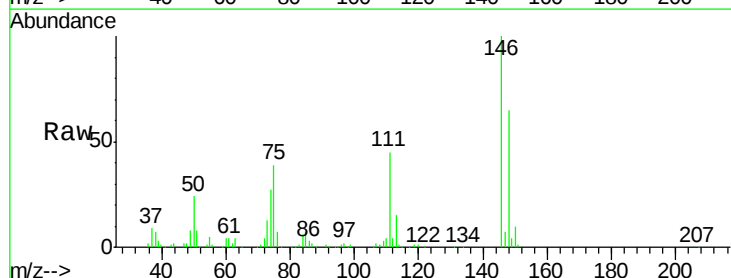
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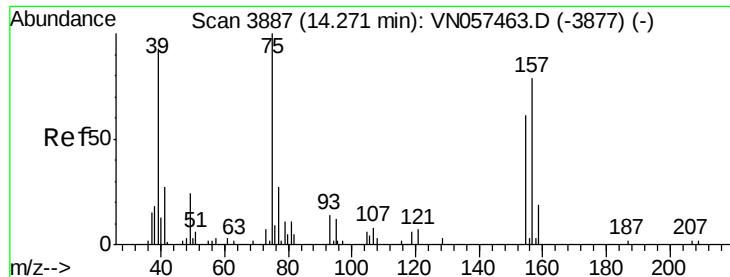
MMDadoda  
8/28/2019 4:26:43 PM



#87  
1,2-Dichlorobenzene  
Concen: 17.813 ug/l  
RT: 13.66 min Scan# 3696  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Tgt Ion:146 Resp: 110239  
Ion Ratio Lower Upper  
146 100  
111 44.8 22.5 67.5  
148 63.0 30.9 92.7





#88

1,2-Dibromo-3-Chloropropane

Concen: 15.427 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

Instrument :

MSVOA\_N

ClientSampleId :

VN0827WBSD01

Tot Ion: 75 Resp: 14973

Ion Ratio Lower Upper

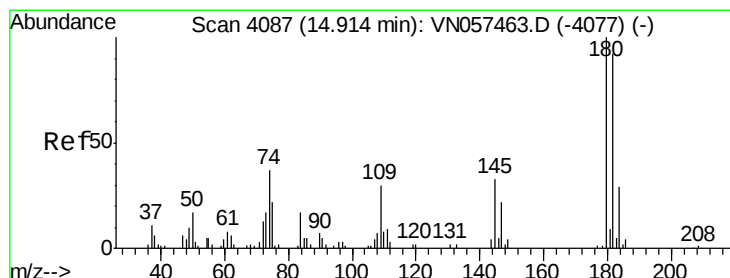
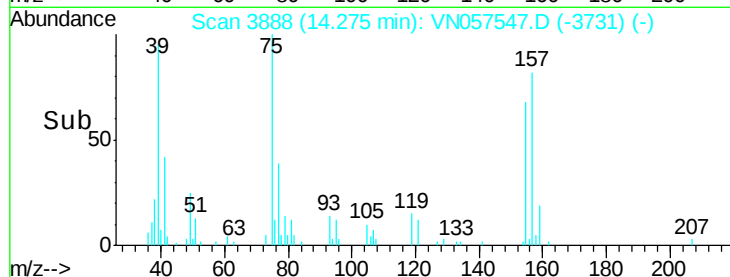
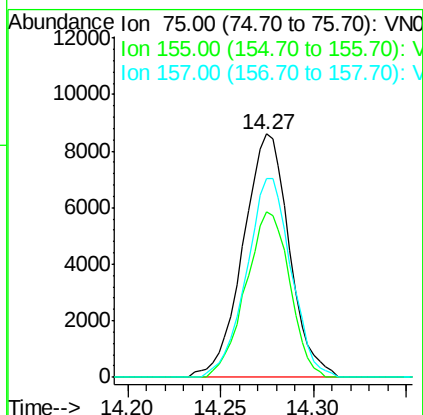
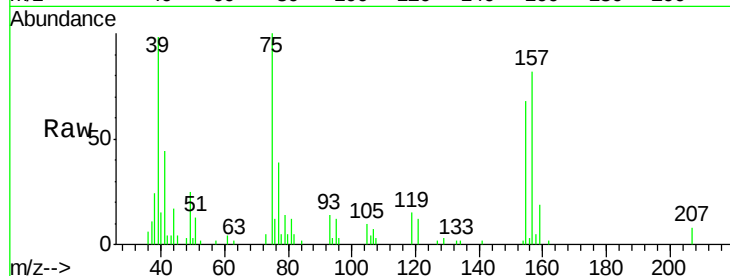
75 100

155 64.7 53.7 80.5

157 79.0 63.5 95.3

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#89

1,2,4-Trichlorobenzene

Concen: 12.433 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN057547.D

Acq: 27 Aug 2019 11:34

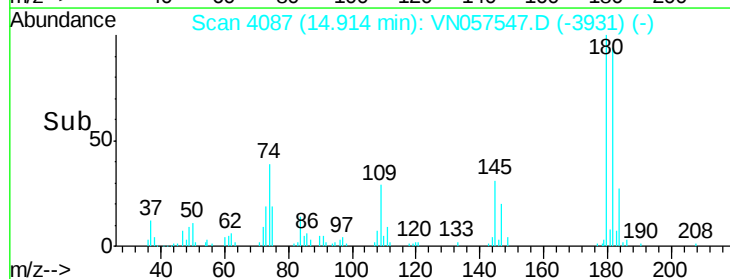
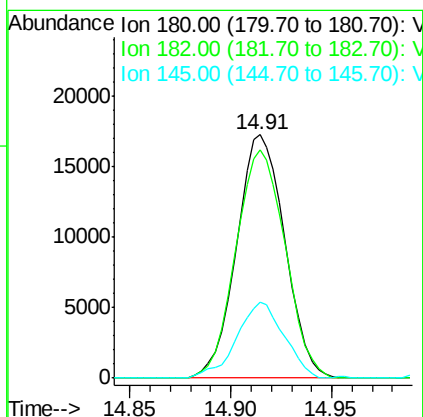
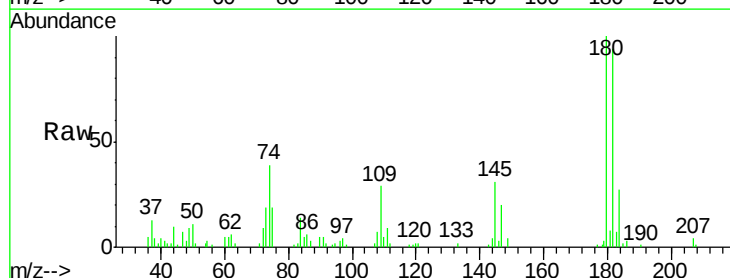
Tgt Ion: 180 Resp: 28830

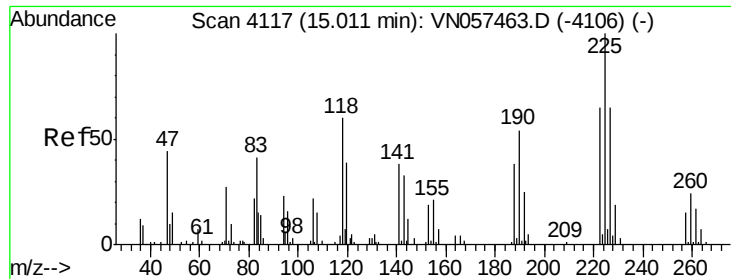
Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.2

145 30.7 26.9 40.3





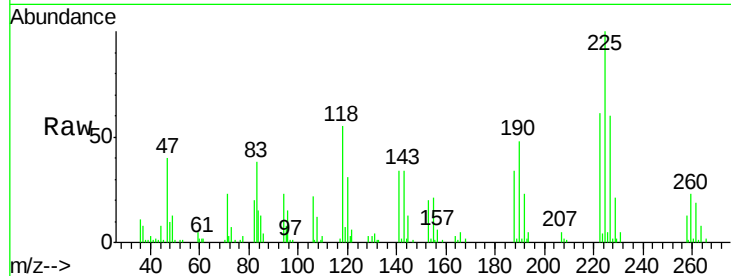
#90  
Hexachlorobutadiene  
Concen: 18.787 ug/l  
RT: 15.01 min Scan# 4117  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0827WBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 33495 |       |       |
| 223     | 63.4  | 0.0   | 123.6 |       |
| 227     | 68.2  | 0.0   | 126.6 |       |

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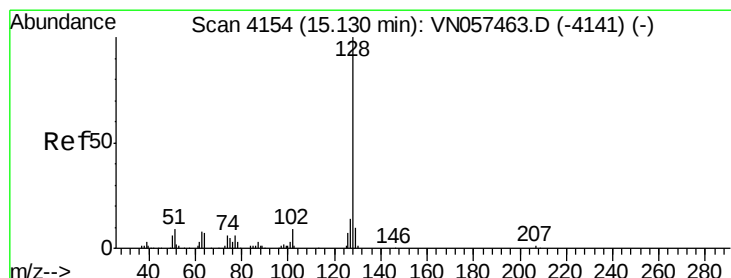
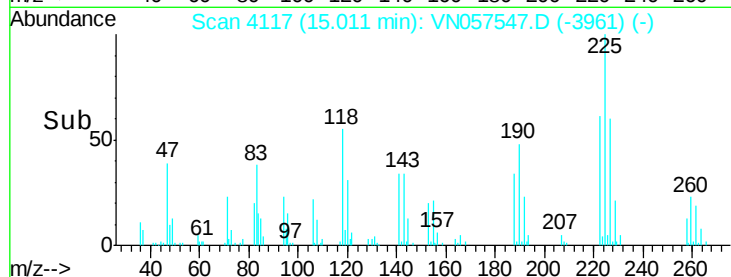
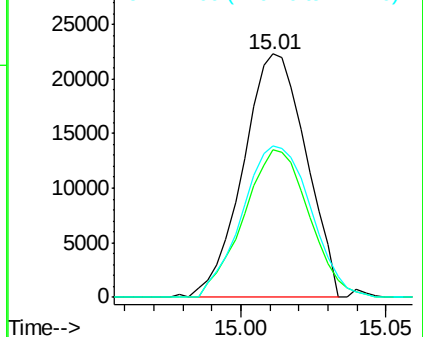


Abundance

Ion 225.00 (224.70 to 225.70): V

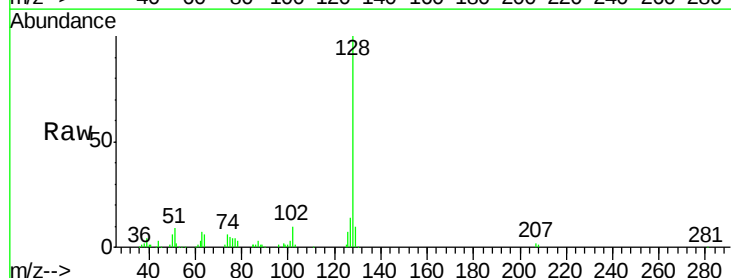
Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91  
Naphthalene  
Concen: 18.028 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN057547.D  
Acq: 27 Aug 2019 11:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 92666 |       |       |
| 127     | 14.0  | 10.1  | 15.1  |       |
| 129     | 10.8  | 8.6   | 13.0  |       |

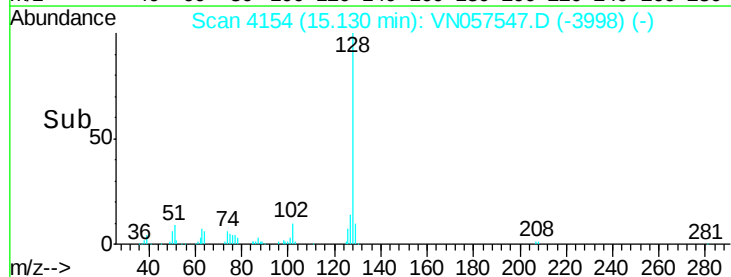
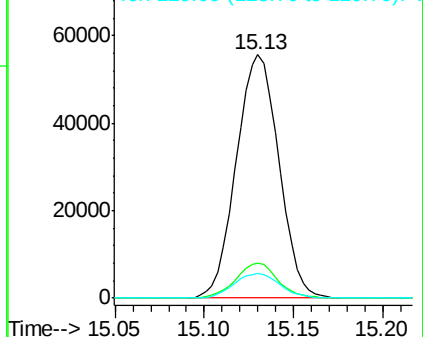


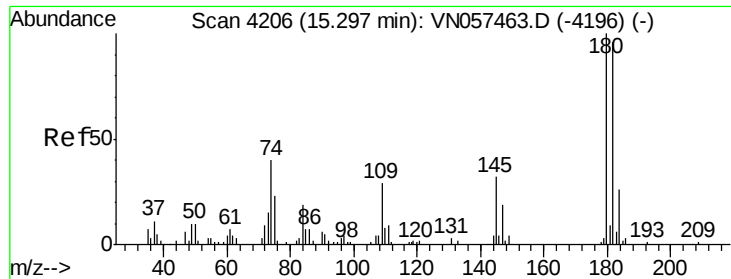
Abundance

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





#92  
 1,2,3-Trichlorobenzene  
 Concen: 12.471 ug/l  
 RT: 15.30 min Scan# 4206  
 Delta R.T. 0.00 min  
 Lab File: VN057547.D  
 Acq: 27 Aug 2019 11:34

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0827WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 180   | Resp: | 28920 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.4  | 0.0   | 187.0 |
| 145       | 32.3  | 0.0   | 64.4  |

Manual Integrations  
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