

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD012319\  
 Data File : VD060787.D  
 Acq On : 23 Jan 2019 17:34  
 Operator : VA/AP  
 Sample : VSTDIC075  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Quant Time: Jan 24 05:45:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D012319S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 24 05:41:01 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 6.80  | 168  | 645891   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 7.98  | 114  | 889226   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.16 | 117  | 705855   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.32 | 152  | 354935   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.22   | 65  | 592449   | 69.72 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 139.44% |      |
| 35) Dibromofluoromethane    | 6.68   | 113 | 525326   | 66.82 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 133.64% |      |
| 50) Toluene-d8              | 10.18  | 98  | 1313431  | 70.62 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 141.24% |      |
| 62) 4-Bromofluorobenzene    | 13.35  | 95  | 650264   | 71.87 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 143.74% |      |

| Target Compounds              |      |     |         |              | Qvalue |
|-------------------------------|------|-----|---------|--------------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85  | 631598  | 77.247 ug/l  | 95     |
| 3) Chloromethane              | 1.76 | 50  | 310949  | 72.606 ug/l  | 99     |
| 4) Vinyl Chloride             | 1.85 | 62  | 353905  | 72.976 ug/l  | 99     |
| 5) Bromomethane               | 2.13 | 94  | 94007   | 66.230 ug/l  | 97     |
| 6) Chloroethane               | 2.24 | 64  | 107880  | 62.065 ug/l  | 97     |
| 7) Trichlorofluoromethane     | 2.49 | 101 | 656048  | 70.423 ug/l  | 96     |
| 8) Diethyl Ether              | 2.80 | 74  | 89914   | 81.609 ug/l  | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.06 | 101 | 338930  | 73.480 ug/l  | 97     |
| 10) Methyl Iodide             | 3.20 | 142 | 374818  | 75.479 ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.92 | 59  | 175822  | 357.827 ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.04 | 96  | 230306  | 71.671 ug/l  | 93     |
| 13) Acrolein                  | 2.96 | 56  | 64699   | 352.566 ug/l | 99     |
| 14) Allyl chloride            | 3.50 | 41  | 540365  | 79.059 ug/l  | 99     |
| 15) Acrylonitrile             | 4.04 | 53  | 406098  | 355.196 ug/l | 96     |
| 16) Acetone                   | 3.13 | 43  | 459286  | 389.176 ug/l | 99     |
| 17) Carbon Disulfide          | 3.27 | 76  | 805600  | 75.991 ug/l  | 98     |
| 18) Methyl Acetate            | 3.52 | 43  | 193232  | 77.800 ug/l  | 96     |
| 19) Methyl tert-butyl Ether   | 4.08 | 73  | 1095119 | 71.938 ug/l  | 99     |
| 20) Methylene Chloride        | 3.68 | 84  | 444454  | 71.264 ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 4.05 | 96  | 431679  | 70.441 ug/l  | 94     |
| 22) Diisopropyl ether         | 4.89 | 45  | 1553406 | 74.016 ug/l  | 97     |
| 23) Vinyl Acetate             | 4.83 | 43  | 4291515 | 357.344 ug/l | 100    |
| 24) 1,1-Dichloroethane        | 4.77 | 63  | 968927  | 76.429 ug/l  | 98     |
| 25) 2-Butanone                | 5.84 | 43  | 669689  | 361.806 ug/l | 95     |
| 26) 2,2-Dichloropropane       | 5.78 | 77  | 926786  | 73.774 ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 5.80 | 96  | 471382  | 74.436 ug/l  | 93     |
| 28) Bromochloromethane        | 6.20 | 49  | 364499  | 70.846 ug/l  | 88     |
| 29) Tetrahydrofuran           | 6.23 | 42  | 329388  | 369.404 ug/l | 98     |
| 30) Chloroform                | 6.41 | 83  | 1078241 | 72.782 ug/l  | 98     |
| 31) Cyclohexane               | 6.72 | 56  | 645617  | 69.145 ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 6.63 | 97  | 1001546 | 71.831 ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 6.91 | 75  | 731980  | 71.540 ug/l  | 99     |
| 37) Ethyl Acetate             | 5.94 | 43  | 332994  | 78.307 ug/l  | 97     |
| 38) Carbon Tetrachloride      | 6.88 | 117 | 860919  | 68.274 ug/l  | 99     |

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 Sample : VSTDIC075  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Quant Time: Jan 24 05:45:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D012319S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 24 05:41:01 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 8.63  | 83   | 643694   | 70.567   | ug/l   | 99       |
| 40) Benzene                    | 7.22  | 78   | 1516011  | 72.668   | ug/l   | 99       |
| 41) Methacrylonitrile          | 6.23  | 41   | 415187   | 130.734  | ug/l # | 85       |
| 42) 1,2-Dichloroethane         | 7.34  | 62   | 802196   | 70.877   | ug/l   | 94       |
| 43) Isopropyl Acetate          | 9.00  | 43   | 484622   | 74.198   | ug/l # | 100      |
| 44) Trichloroethene            | 8.30  | 130  | 530211   | 71.644   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 8.71  | 63   | 405741   | 74.948   | ug/l   | 97       |
| 46) Dibromomethane             | 8.82  | 93   | 316450   | 71.460   | ug/l   | 94       |
| 47) Bromodichloromethane       | 9.14  | 83   | 840185   | 77.021   | ug/l   | 97       |
| 48) Methyl methacrylate        | 8.88  | 41   | 326433   | 74.065   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 8.85  | 88   | 56142    | 1508.955 | ug/l   | 89       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 1484697  | 345.565  | ug/l   | 99       |
| 52) Toluene                    | 10.28 | 92   | 870104   | 66.643   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.70 | 75   | 740353   | 69.357   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 791739   | 78.083   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.97 | 97   | 330027   | 71.247   | ug/l   | 94       |
| 56) Ethyl methacrylate         | 10.82 | 69   | 392825   | 73.078   | ug/l   | 91       |
| 57) 1,3-Dichloropropane        | 11.19 | 76   | 590592   | 72.780   | ug/l   | 94       |
| 58) 2-Chloroethyl Vinyl ether  | 9.63  | 63   | 1001559  | 329.774  | ug/l   | 96       |
| 59) 2-Hexanone                 | 11.32 | 43   | 1150124  | 362.804  | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.47 | 129  | 565727   | 77.034   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.59 | 107  | 425308   | 80.959   | ug/l   | 94       |
| 64) Tetrachloroethene          | 11.04 | 164  | 483770   | 78.249   | ug/l   | 98       |
| 65) Chlorobenzene              | 12.19 | 112  | 1076808  | 76.105   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.30 | 131  | 459316   | 72.936   | ug/l   | 99       |
| 67) Ethyl Benzene              | 12.32 | 91   | 1885999  | 71.534   | ug/l   | 100      |
| 68) m/p-Xylenes                | 12.47 | 106  | 1194928  | 138.298  | ug/l   | 100      |
| 69) o-Xylene                   | 12.84 | 106  | 588940   | 72.572   | ug/l   | 95       |
| 70) Styrene                    | 12.87 | 104  | 979131   | 68.509   | ug/l   | 99       |
| 71) Bromoform                  | 13.03 | 173  | 385127   | 82.850   | ug/l # | 96       |
| 73) Isopropylbenzene           | 13.21 | 105  | 1944937  | 74.619   | ug/l   | 99       |
| 74) N-amyl acetate             | 13.07 | 43   | 660514   | 79.995   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.50 | 83   | 388599   | 80.239   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 13.53 | 75   | 473484   | 80.443   | ug/l   | 95       |
| 77) Bromobenzene               | 13.47 | 156  | 544619   | 77.258   | ug/l   | 94       |
| 78) n-propylbenzene            | 13.57 | 91   | 2289098  | 70.077   | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 13.64 | 91   | 1399732  | 73.872   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 14.04 | 105  | 1611600  | 72.229   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 13.27 | 75   | 123607   | 76.041   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.75 | 91   | 1654756  | 75.411   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.99 | 119  | 1695730  | 73.881   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 14.04 | 105  | 1611600  | 72.229   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 14.17 | 105  | 1991732  | 71.248   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 14.30 | 119  | 1585239  | 68.918   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 14.26 | 146  | 844993   | 72.124   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 14.34 | 146  | 888137   | 74.055   | ug/l   | 99       |
| 89) n-Butylbenzene             | 14.60 | 91   | 1456894  | 67.369   | ug/l   | 96       |
| 90) Hexachloroethane           | 14.81 | 117  | 487061   | 72.066   | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene        | 14.61 | 146  | 644798   | 66.569   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.18 | 75   | 92113    | 77.776   | ug/l   | 87       |

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Data File : VD060787.D  
Acq On : 23 Jan 2019 17:34  
Operator : VA/AP  
Sample : VSTDICC075  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

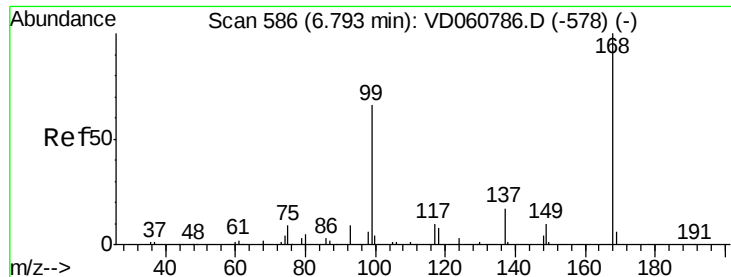
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC075

Quant Time: Jan 24 05:45:53 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D012319S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 24 05:41:01 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.75 | 180  | 683819   | 77.633 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 15.84 | 225  | 468715   | 70.433 | ug/l  | 98       |
| 95) Naphthalene            | 15.93 | 128  | 1004886  | 74.853 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 16.08 | 180  | 593323   | 78.705 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.80 min Scan# 586

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

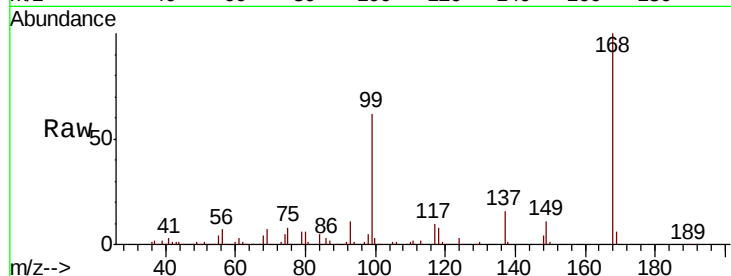
VSTDIC075

Tgt Ion:168 Resp: 645891

Ion Ratio Lower Upper

168 100

99 61.8 54.6 81.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

6.80

250000

200000

150000

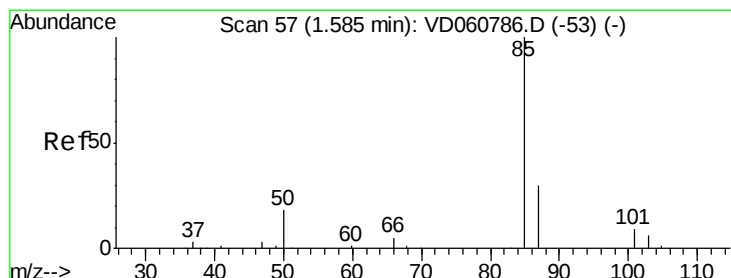
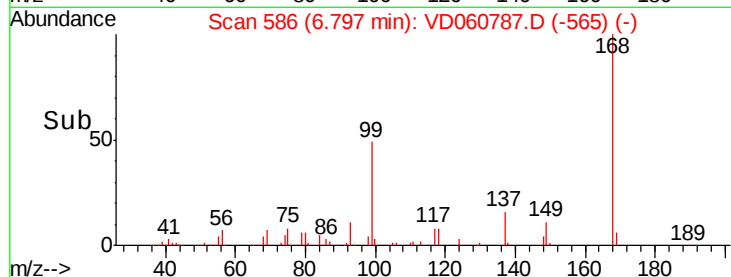
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#2

Dichlorodifluoromethane

Concen: 77.247 ug/l

RT: 1.58 min Scan# 56

Delta R.T. -0.01 min

Lab File: VD060787.D

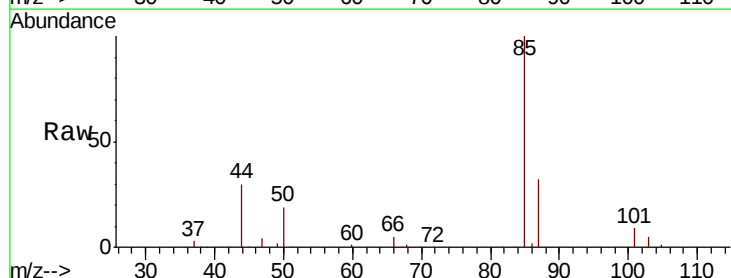
Acq: 23 Jan 2019 17:34

Tgt Ion: 85 Resp: 631598

Ion Ratio Lower Upper

85 100

87 32.4 14.9 44.7



Abundance Ion 84.95 (84.65 to 85.65): V

Ion 86.90 (86.60 to 87.60): V

1.58

150000

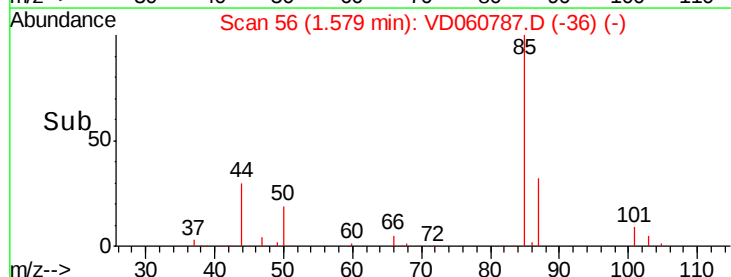
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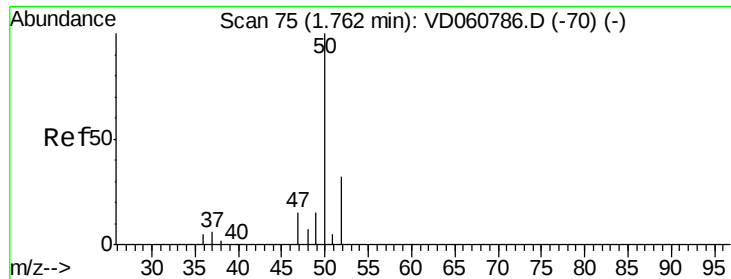
50000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 72.606 ug/l

RT: 1.76 min Scan# 74

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

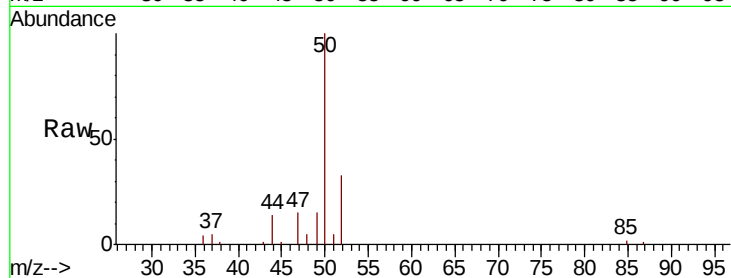
VSTDIC075

Tgt Ion: 50 Resp: 310949

Ion Ratio Lower Upper

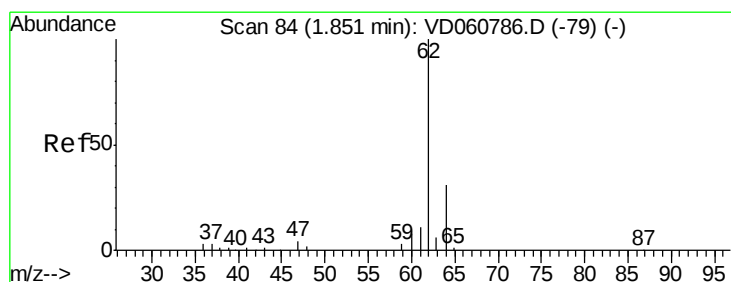
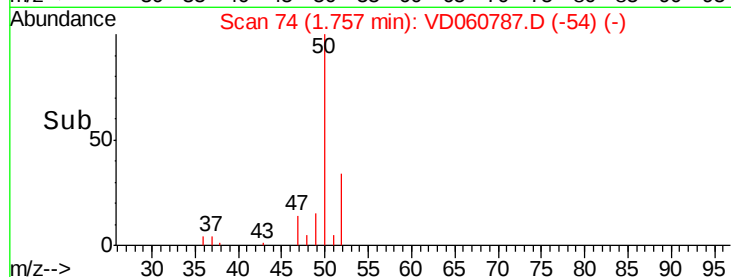
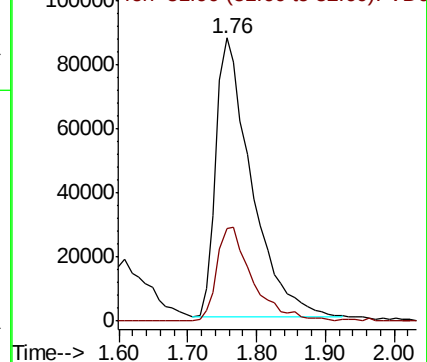
50 100

52 32.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 72.976 ug/l

RT: 1.85 min Scan# 83

Delta R.T. -0.01 min

Lab File: VD060787.D

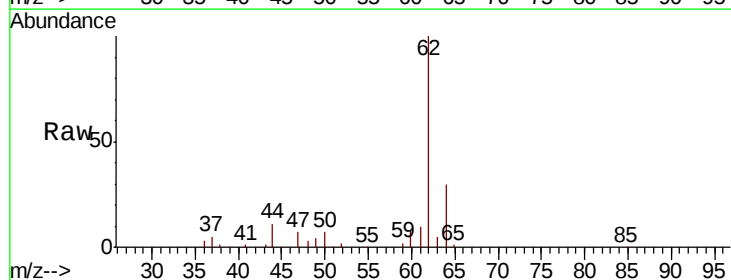
Acq: 23 Jan 2019 17:34

Tgt Ion: 62 Resp: 353905

Ion Ratio Lower Upper

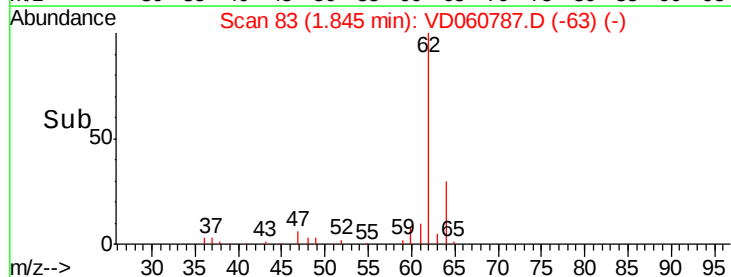
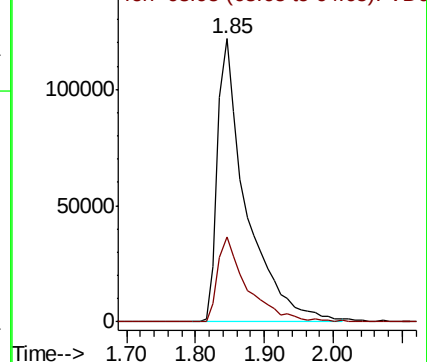
62 100

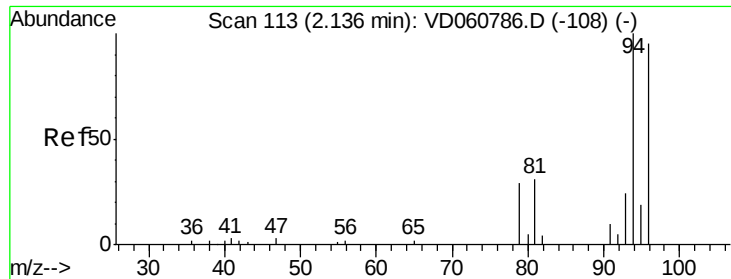
64 30.0 24.6 37.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

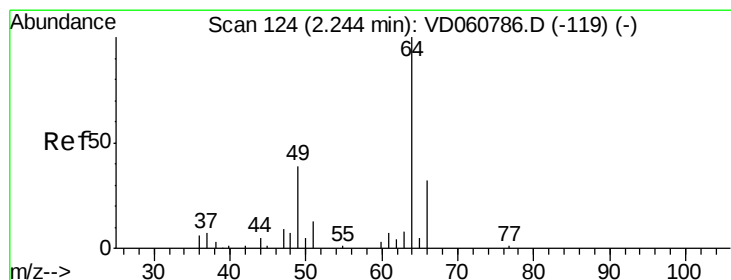
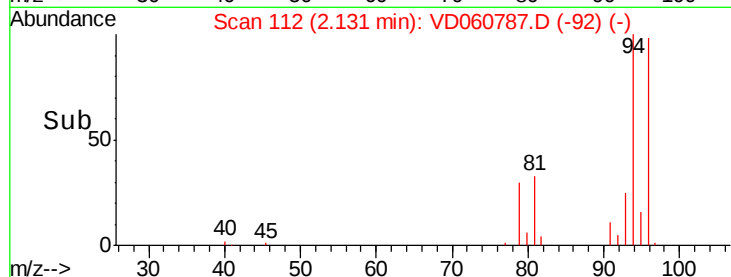
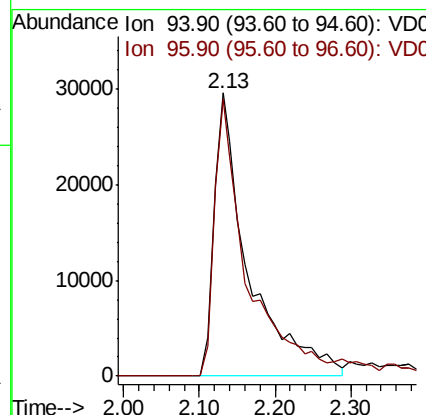
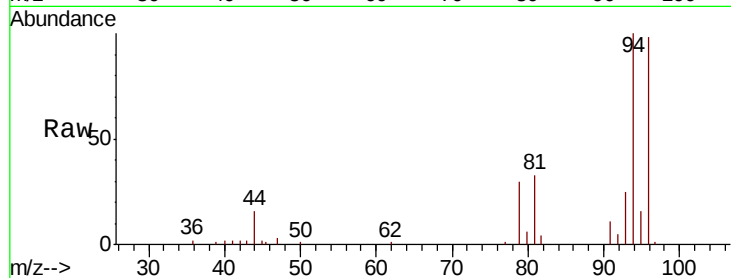




#5  
Bromomethane  
Concen: 66.230 ug/l  
RT: 2.13 min Scan# 112  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

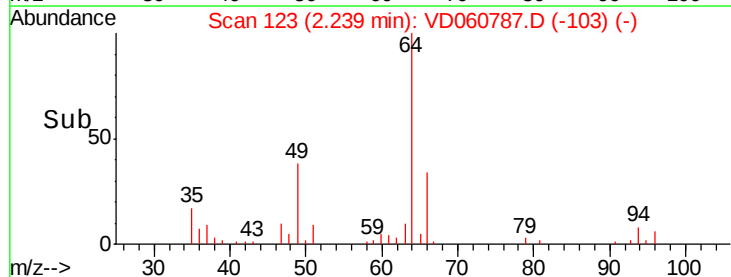
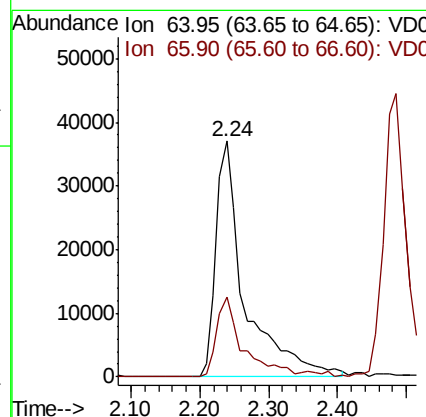
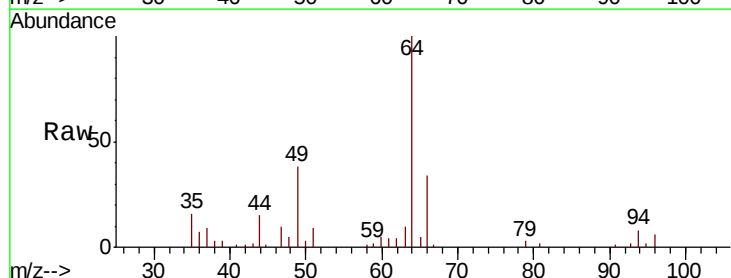
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

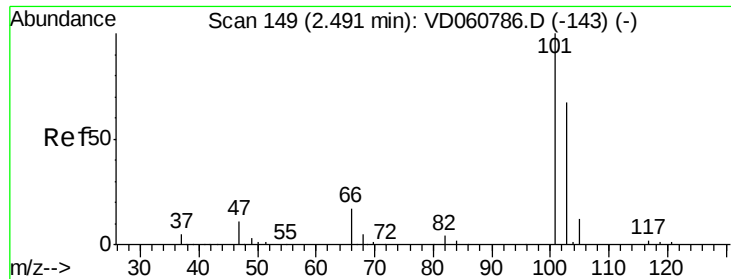
Tgt Ion: 94 Resp: 94007  
Ion Ratio Lower Upper  
94 100  
96 98.0 75.9 113.9



#6  
Chloroethane  
Concen: 62.065 ug/l  
RT: 2.24 min Scan# 123  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion: 64 Resp: 107880  
Ion Ratio Lower Upper  
64 100  
66 33.7 25.6 38.4



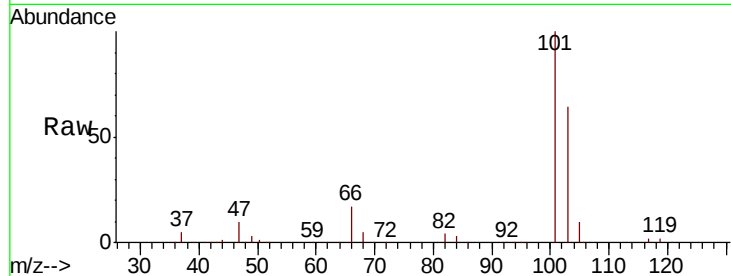


#7

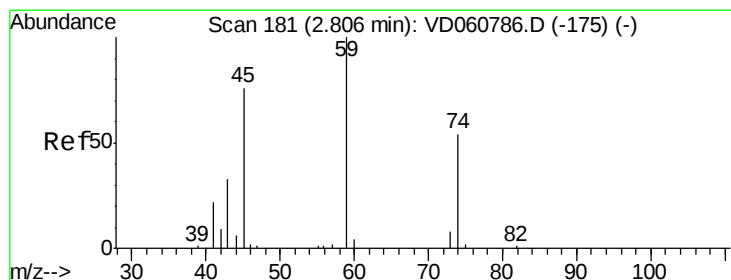
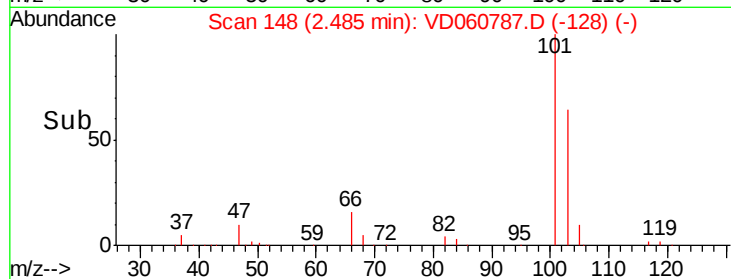
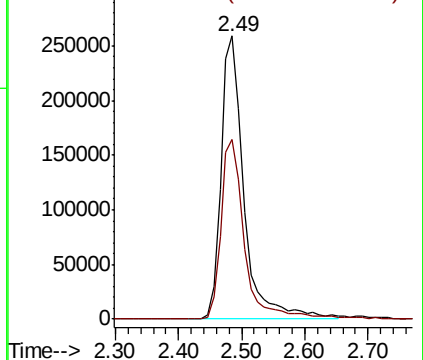
Trichlorofluoromethane  
Concen: 70.423 ug/l  
RT: 2.49 min Scan# 148  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion: 101 Resp: 656048  
Ion Ratio Lower Upper  
101 100  
103 63.7 53.6 80.4



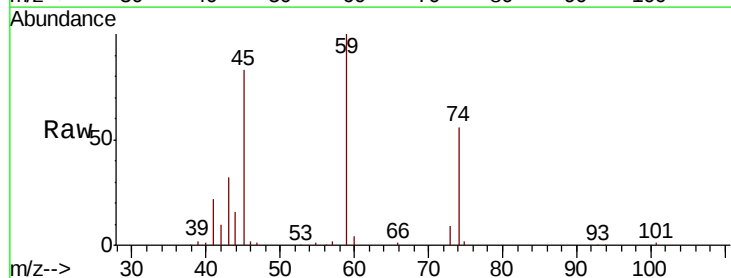
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



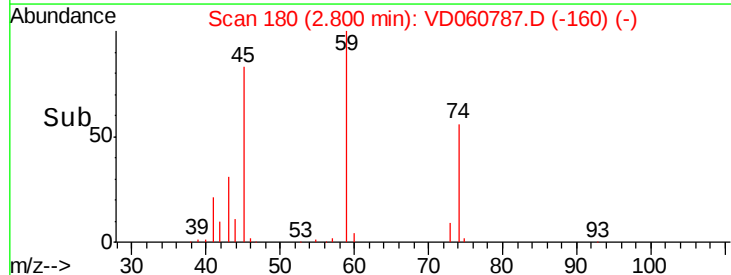
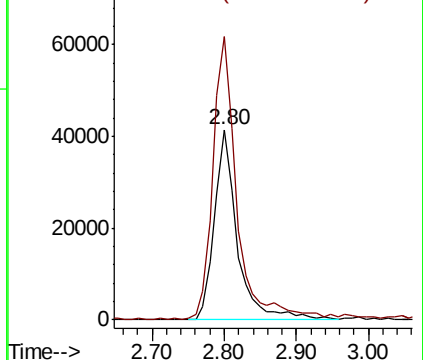
#8

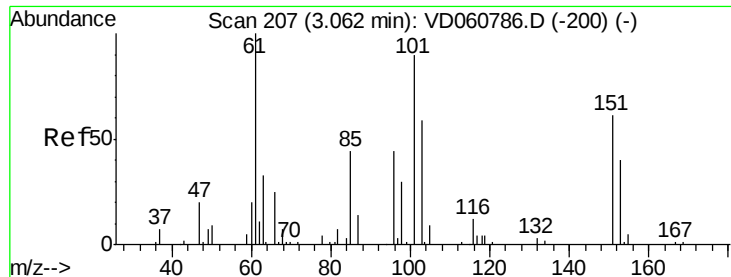
Diethyl Ether  
Concen: 81.609 ug/l  
RT: 2.80 min Scan# 180  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion: 74 Resp: 89914  
Ion Ratio Lower Upper  
74 100  
45 148.9 70.5 211.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 73.480 ug/l

RT: 3.06 min Scan# 206

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

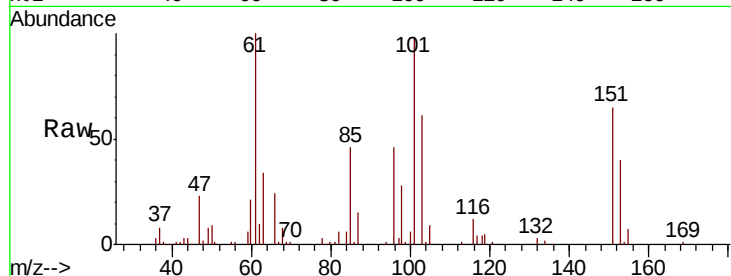
Tgt Ion:101 Resp: 338930

Ion Ratio Lower Upper

101 100

85 46.5 39.0 58.4

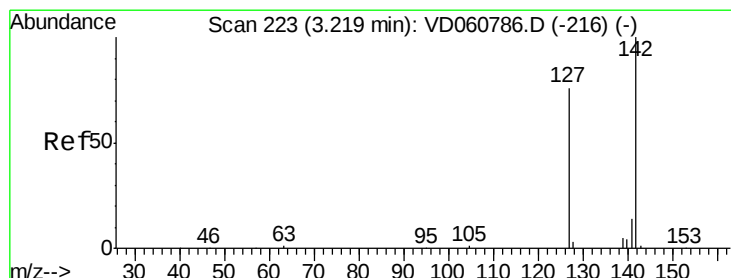
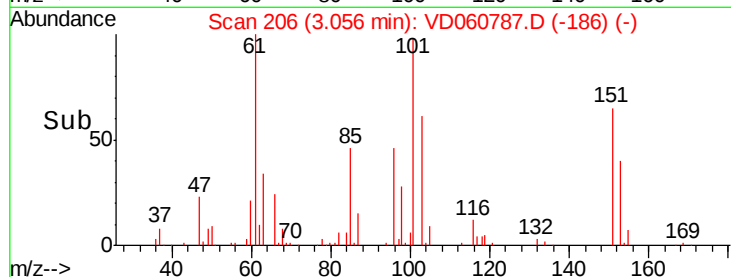
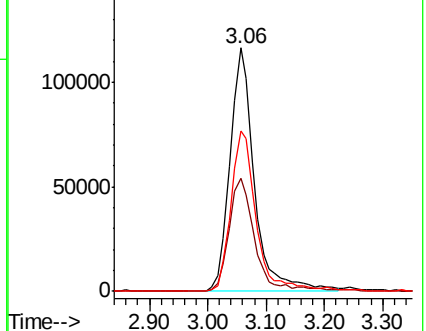
151 65.7 54.5 81.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 75.479 ug/l

RT: 3.20 min Scan# 221

Delta R.T. -0.02 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

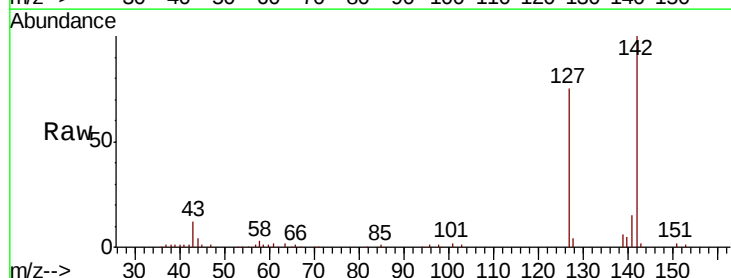
Tgt Ion:142 Resp: 374818

Ion Ratio Lower Upper

142 100

127 75.2 61.0 91.6

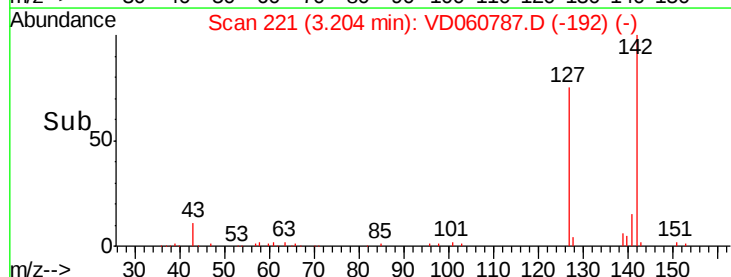
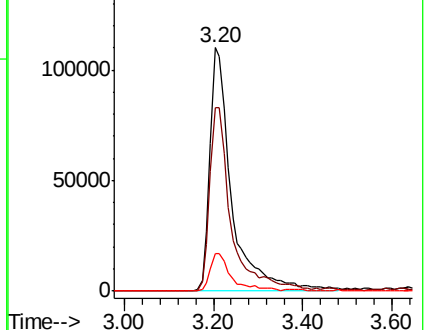
141 15.4 11.5 17.3

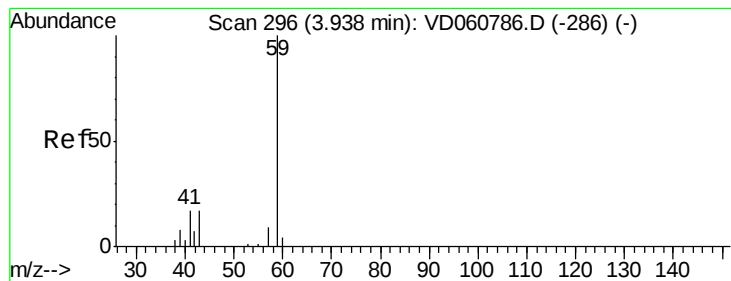


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



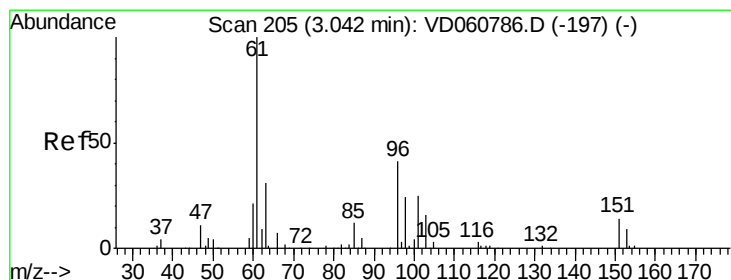
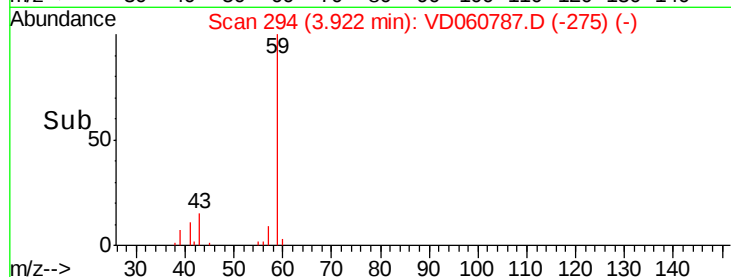
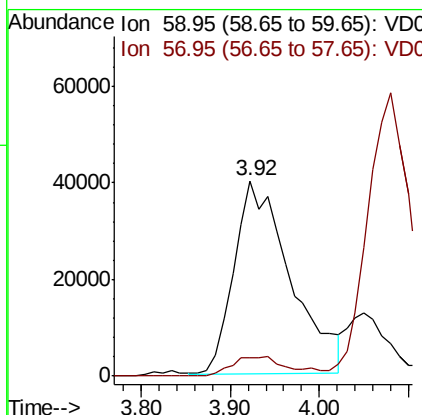
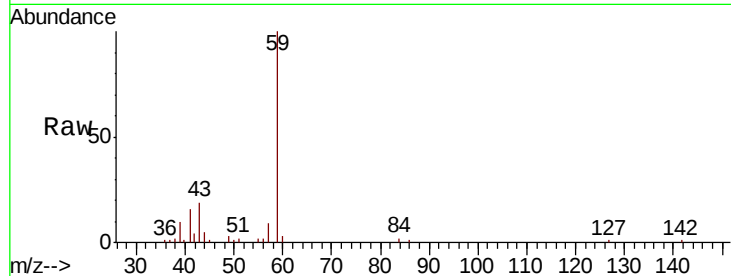


#11

Tert butyl alcohol  
Concen: 357.827 ug/l  
RT: 3.92 min Scan# 294  
Delta R.T. -0.02 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

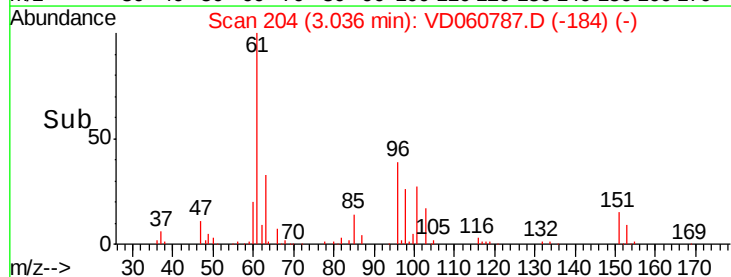
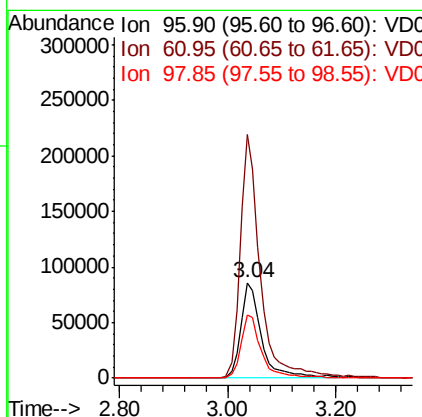
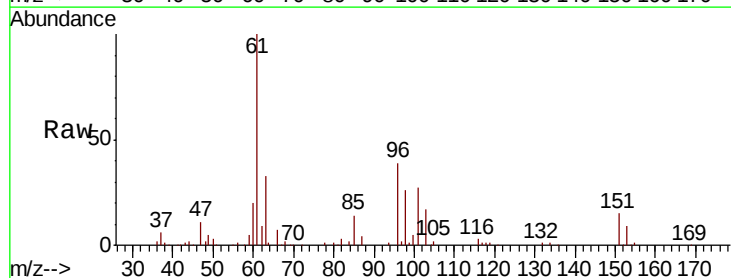
Tgt Ion: 59 Resp: 175822  
Ion Ratio Lower Upper  
59 100  
57 9.1 7.0 10.6

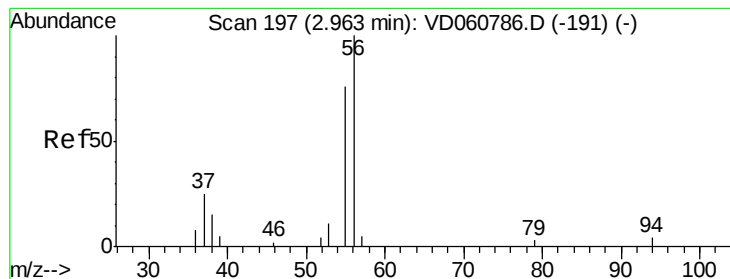


#12

1,1-Dichloroethene  
Concen: 71.671 ug/l  
RT: 3.04 min Scan# 204  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion: 96 Resp: 230306  
Ion Ratio Lower Upper  
96 100  
61 255.9 196.9 295.3  
98 65.8 46.6 69.8





#13

Acrolein

Concen: 352.566 ug/l

RT: 2.96 min Scan# 196

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

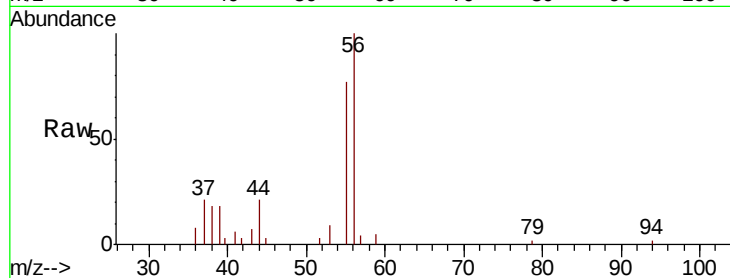
VSTDIC075

Tgt Ion: 56 Resp: 64699

Ion Ratio Lower Upper

56 100

55 77.3 62.2 93.4



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

20000

15000

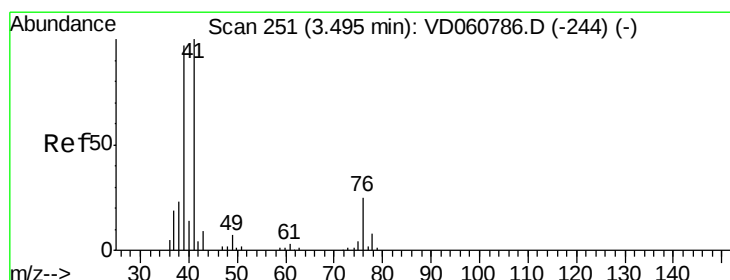
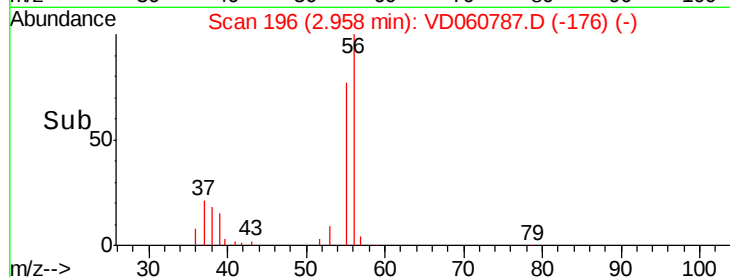
10000

5000

0

2.80 2.90 3.00 3.10 3.20

Time-->



#14

Allyl chloride

Concen: 79.059 ug/l

RT: 3.50 min Scan# 251

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

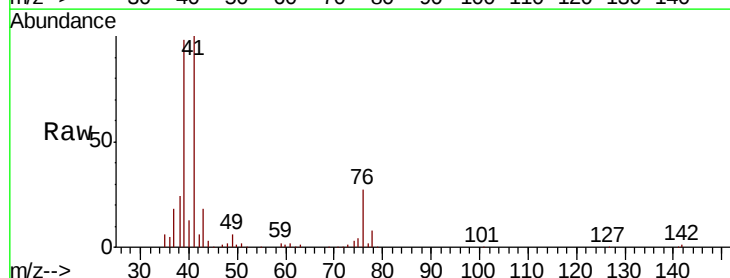
Tgt Ion: 41 Resp: 540365

Ion Ratio Lower Upper

41 100

39 98.1 77.7 116.5

76 27.4 21.8 32.8



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

250000

200000

150000

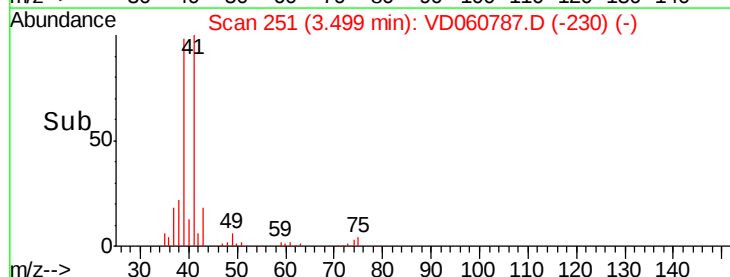
100000

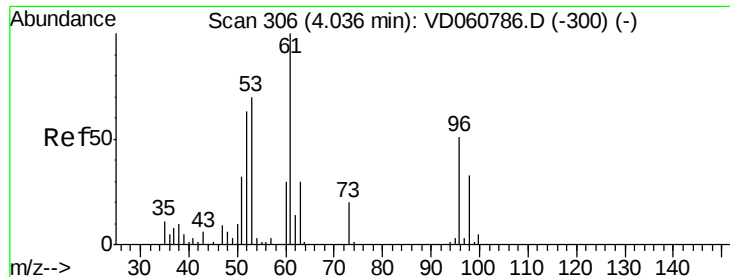
50000

0

3.40 3.50 3.60

Time-->





#15

Acrylonitrile

Concen: 355.196 ug/l

RT: 4.04 min Scan# 306

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

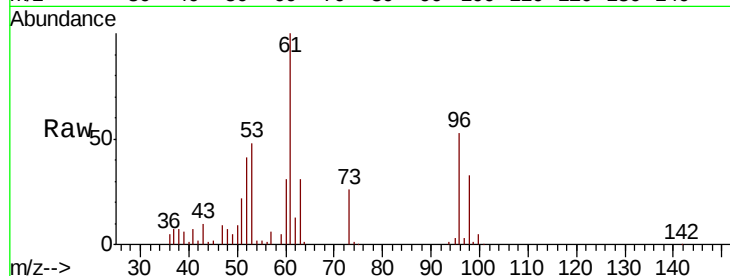
Tgt Ion: 53 Resp: 406098

Ion Ratio Lower Upper

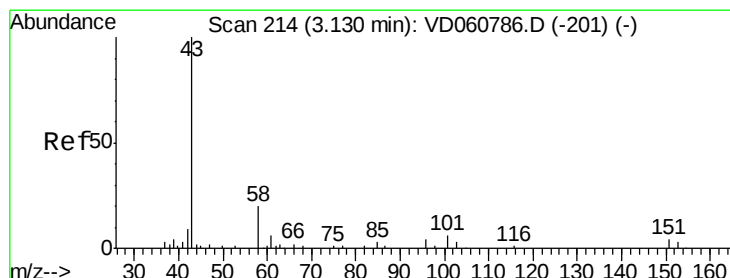
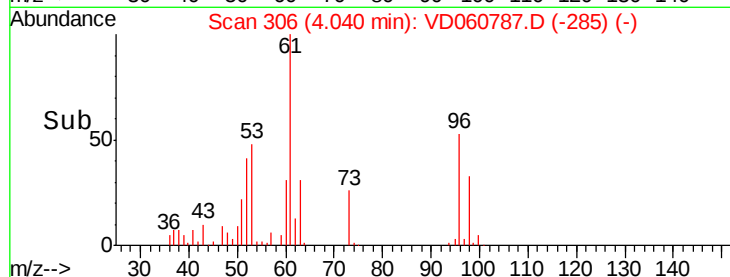
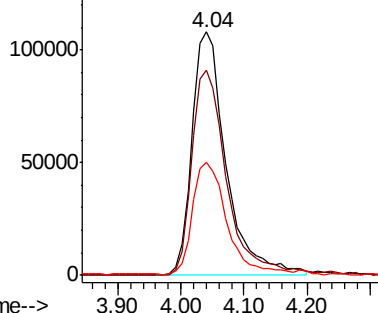
53 100

52 84.4 71.6 107.4

51 46.5 36.0 54.0



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



#16

Acetone

Concen: 389.176 ug/l

RT: 3.13 min Scan# 214

Delta R.T. 0.00 min

Lab File: VD060787.D

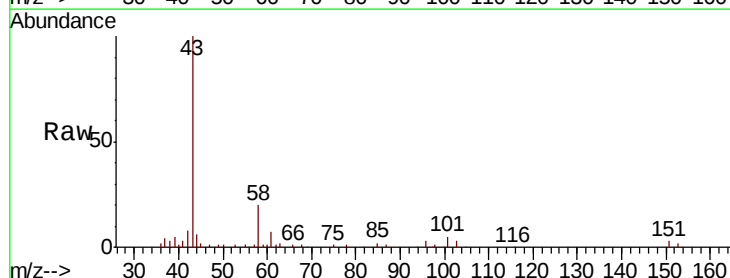
Acq: 23 Jan 2019 17:34

Tgt Ion: 43 Resp: 459286

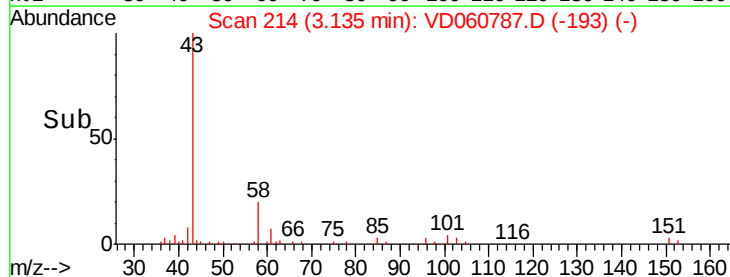
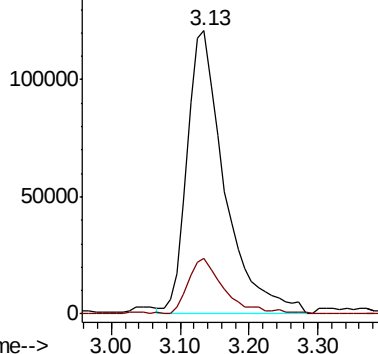
Ion Ratio Lower Upper

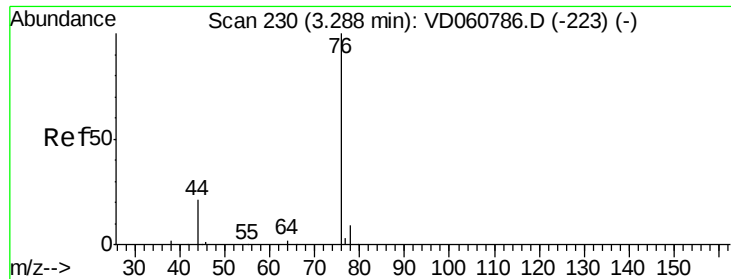
43 100

58 19.6 16.0 24.0



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

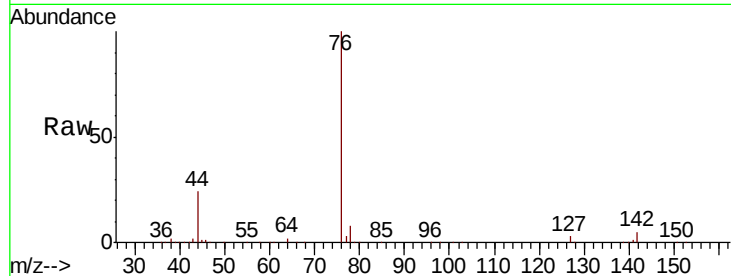




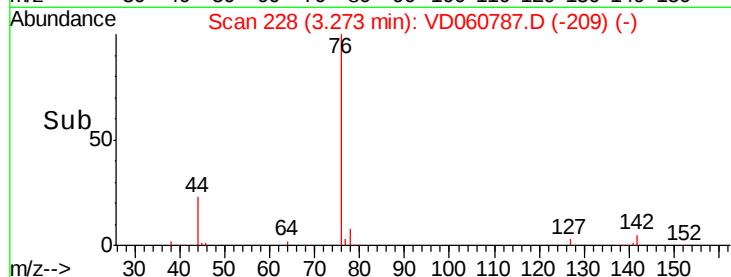
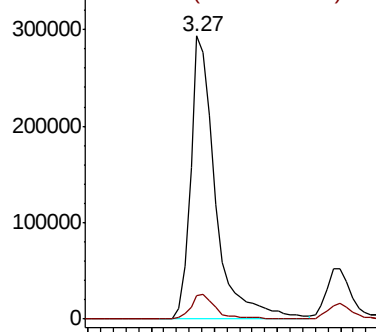
#17  
Carbon Disulfide  
Concen: 75.991 ug/l  
RT: 3.27 min Scan# 228  
Delta R.T. -0.02 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

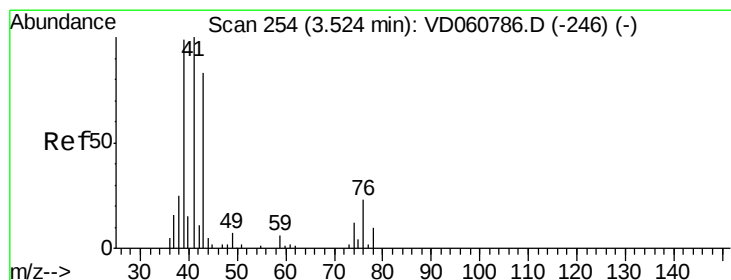
Tgt Ion: 76 Resp: 805600  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.4 11.0



Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

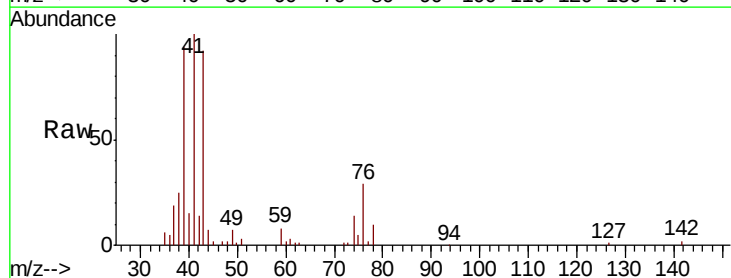


Time-->

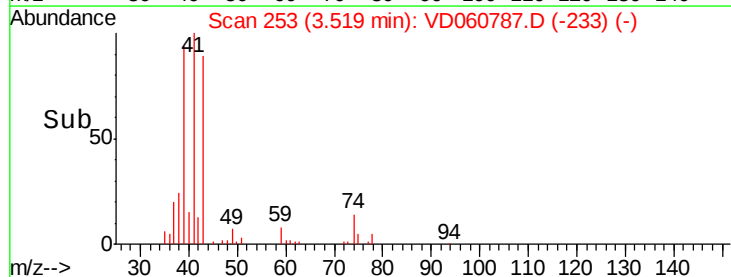
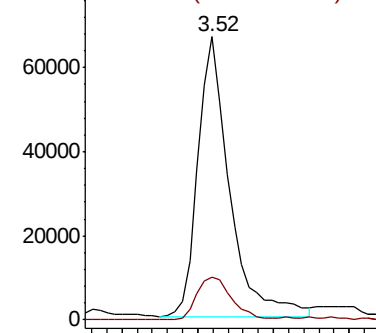


#18  
Methyl Acetate  
Concen: 77.800 ug/l  
RT: 3.52 min Scan# 253  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

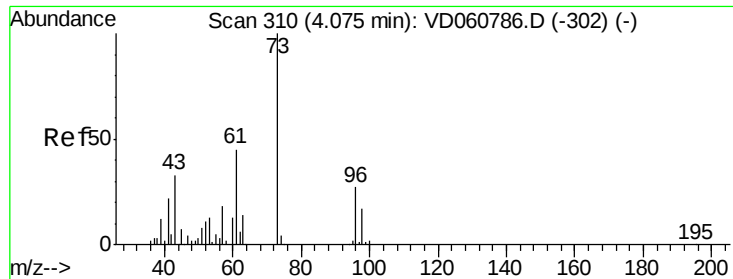
Tgt Ion: 43 Resp: 193232  
Ion Ratio Lower Upper  
43 100  
74 15.2 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 74.00 (73.70 to 74.70): VDC



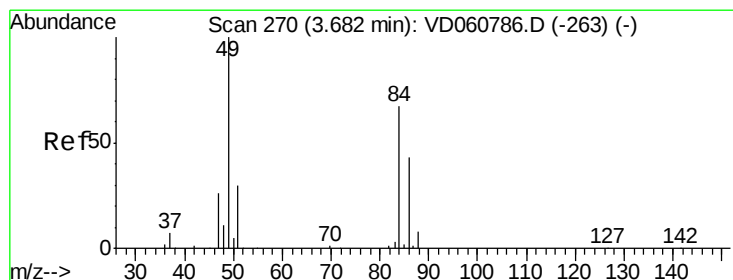
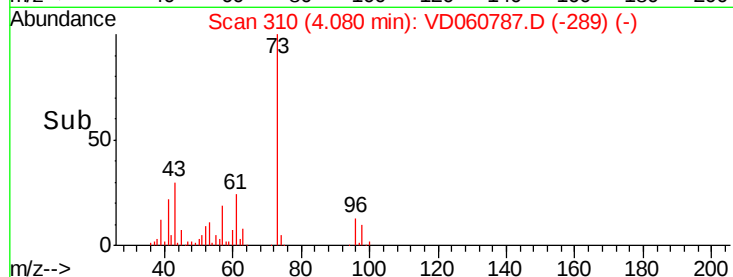
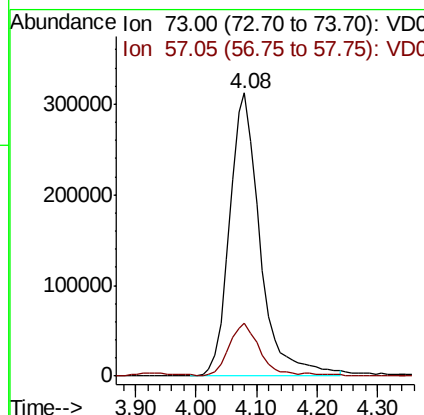
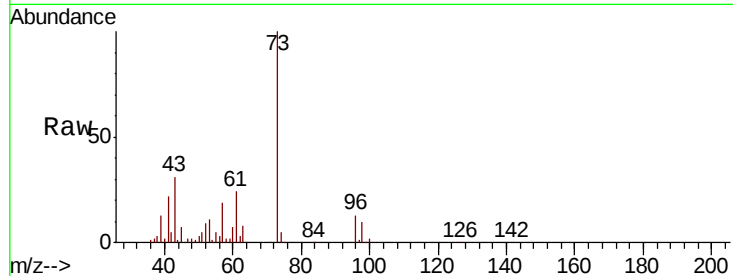
Time-->



#19  
Methyl tert-butyl Ether  
Concen: 71.938 ug/l  
RT: 4.08 min Scan# 310  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

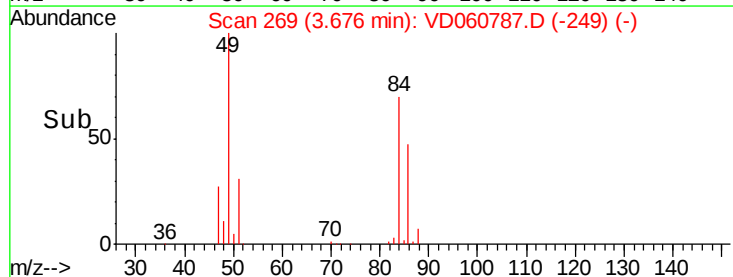
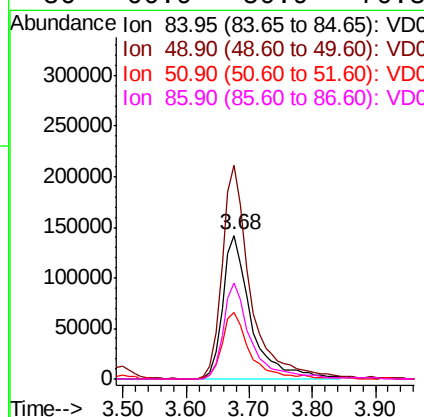
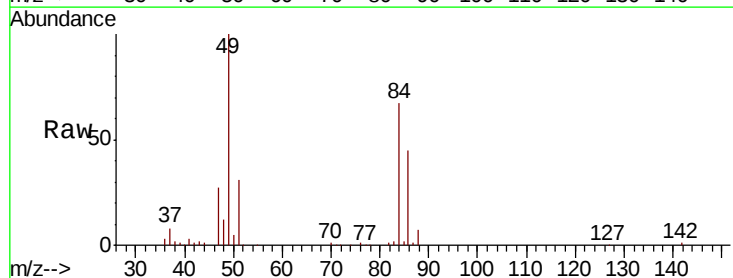
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

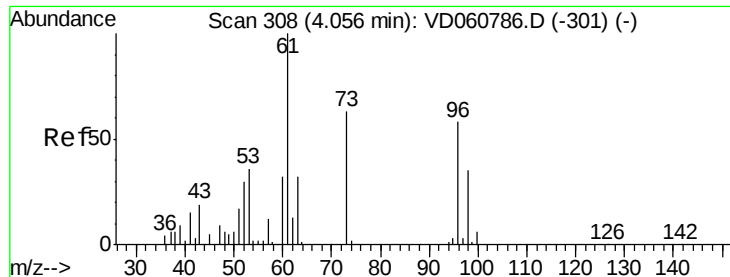
Tgt Ion: 73 Resp: 1095119  
Ion Ratio Lower Upper  
73 100  
57 18.8 14.7 22.1



#20  
Methylene Chloride  
Concen: 71.264 ug/l  
RT: 3.68 min Scan# 269  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion: 84 Resp: 444454  
Ion Ratio Lower Upper  
84 100  
49 148.7 119.6 179.4  
51 46.1 36.2 54.4  
86 66.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 70.441 ug/l

RT: 4.05 min Scan# 307

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

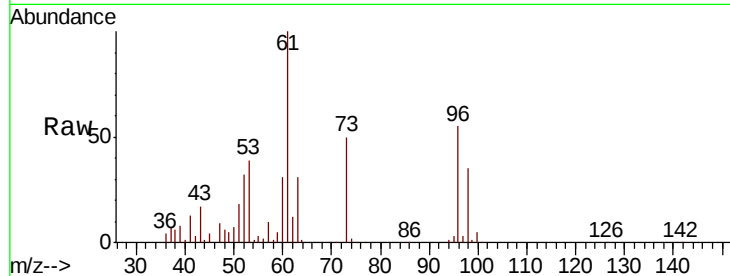
Tgt Ion: 96 Resp: 431679

Ion Ratio Lower Upper

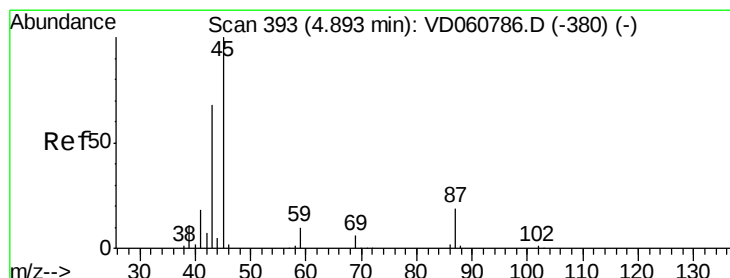
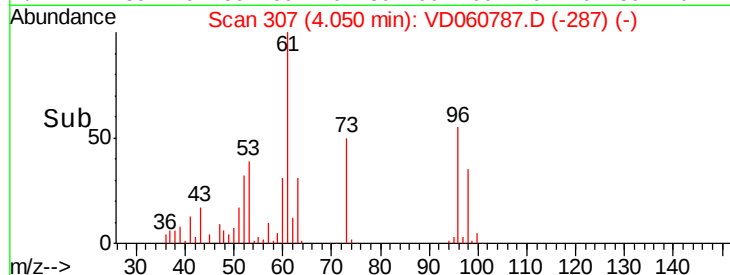
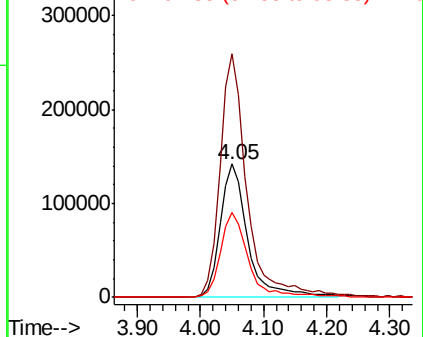
96 100

61 182.7 138.8 208.2

98 63.5 48.7 73.1



Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 74.016 ug/l

RT: 4.89 min Scan# 392

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Tgt Ion: 45 Resp: 1553406

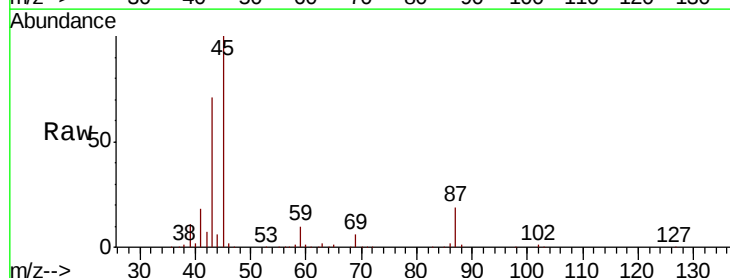
Ion Ratio Lower Upper

45 100

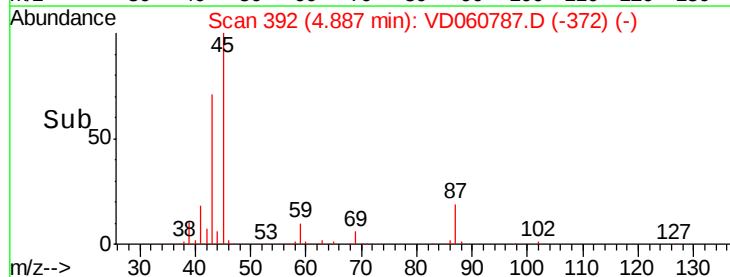
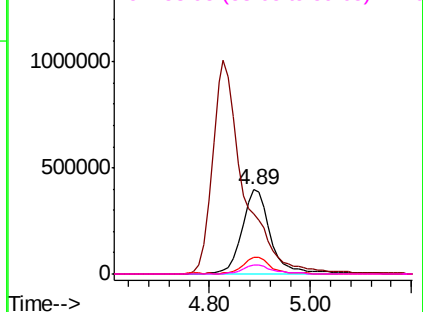
43 71.4 54.8 82.2

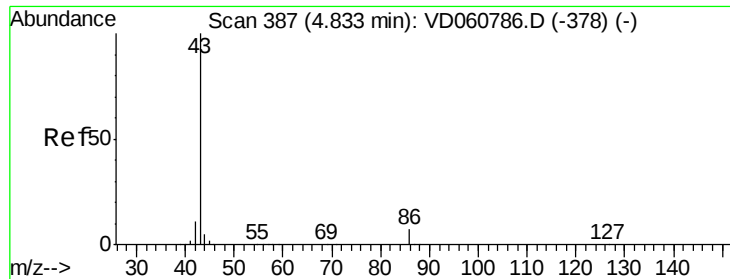
87 19.4 15.5 23.3

59 10.3 8.4 12.6



Abundance Ion 45.05 (44.75 to 45.75): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 87.00 (86.70 to 87.70): VDC  
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 357.344 ug/l

RT: 4.83 min Scan# 386

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

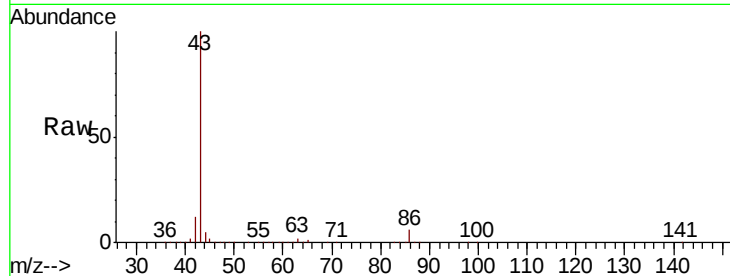
VSTDIC075

Tgt Ion: 43 Resp: 4291515

Ion Ratio Lower Upper

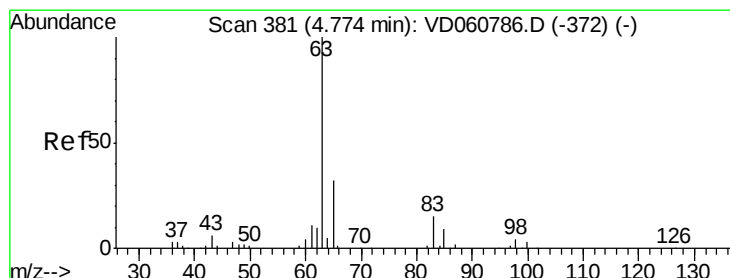
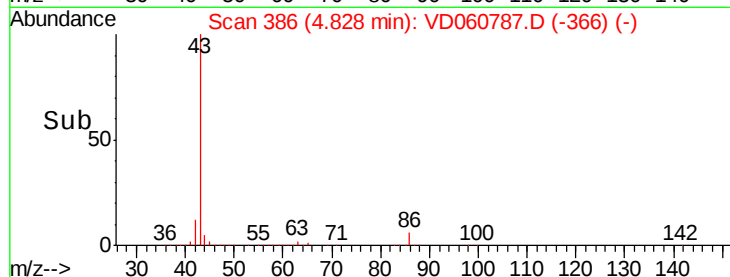
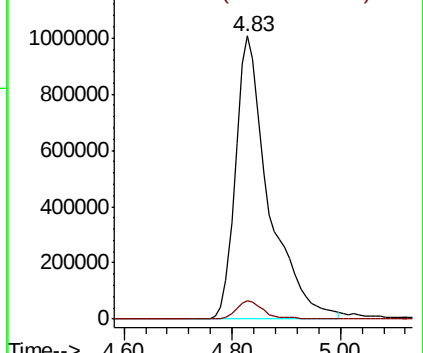
43 100

86 6.4 5.3 7.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 76.429 ug/l

RT: 4.77 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

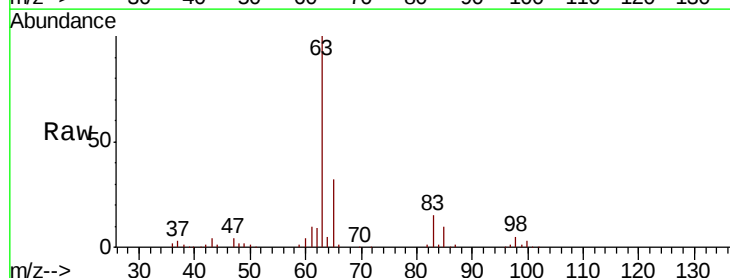
Tgt Ion: 63 Resp: 968927

Ion Ratio Lower Upper

63 100

98 4.7 1.9 5.7

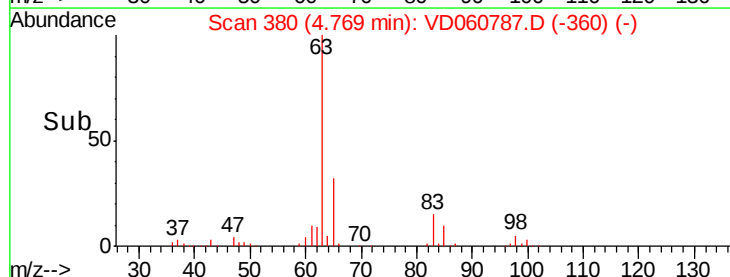
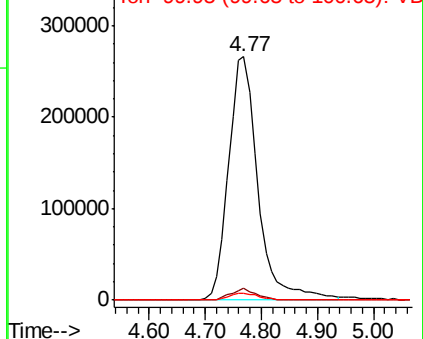
100 2.9 1.5 4.4

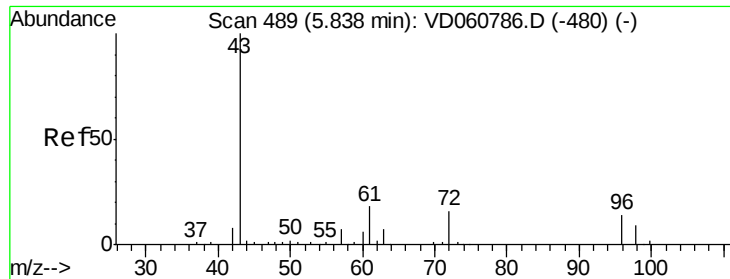


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 361.806 ug/l

RT: 5.84 min Scan# 489

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

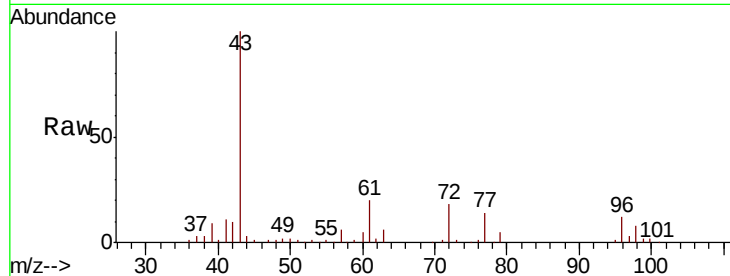
VSTDIC075

Tgt Ion: 43 Resp: 669689

Ion Ratio Lower Upper

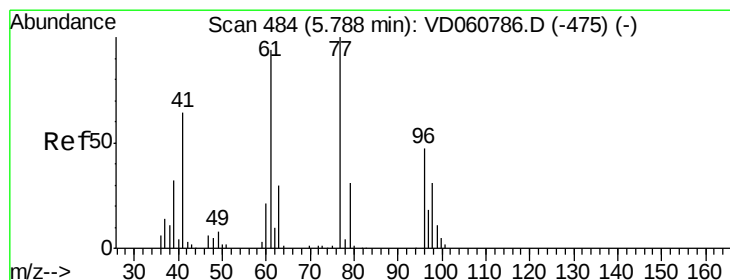
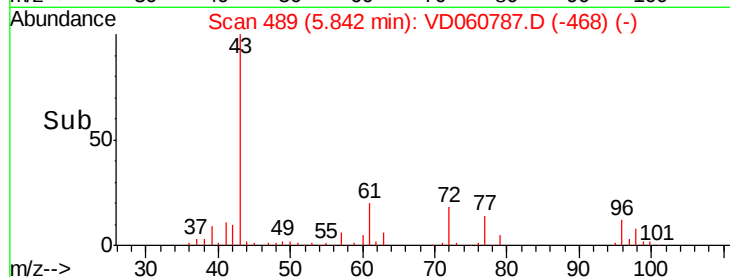
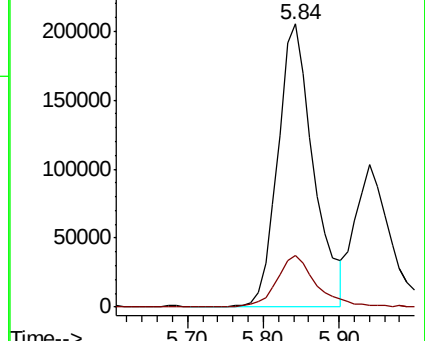
43 100

72 18.5 13.1 19.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 73.774 ug/l

RT: 5.78 min Scan# 483

Delta R.T. -0.01 min

Lab File: VD060787.D

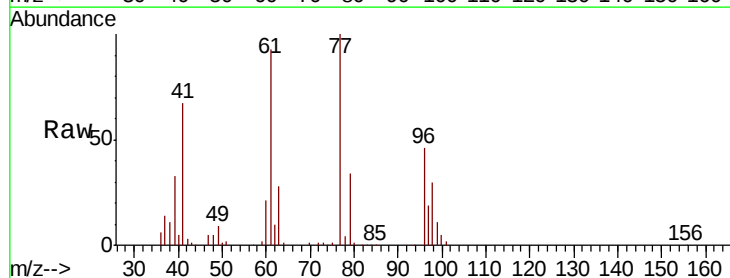
Acq: 23 Jan 2019 17:34

Tgt Ion: 77 Resp: 926786

Ion Ratio Lower Upper

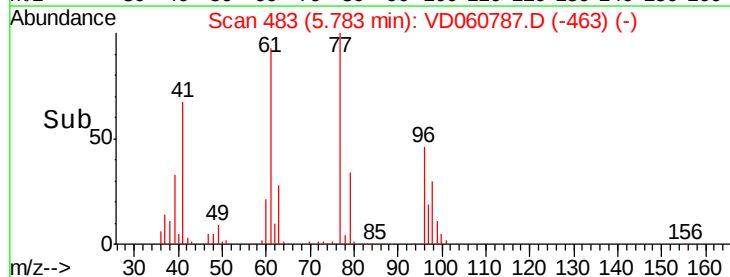
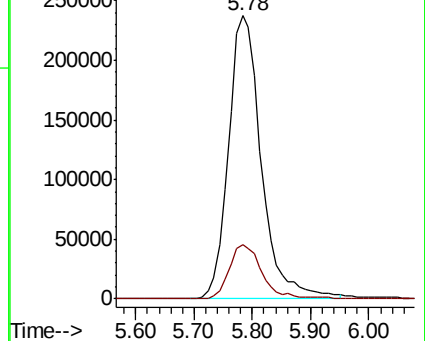
77 100

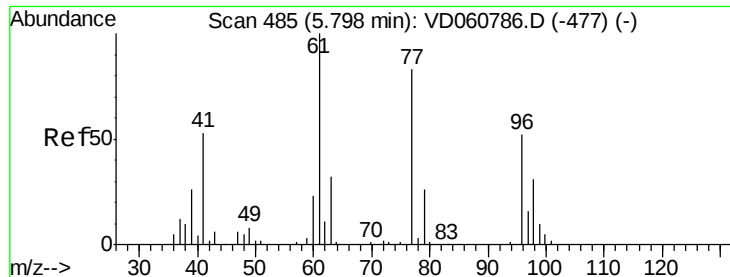
97 19.1 9.0 27.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



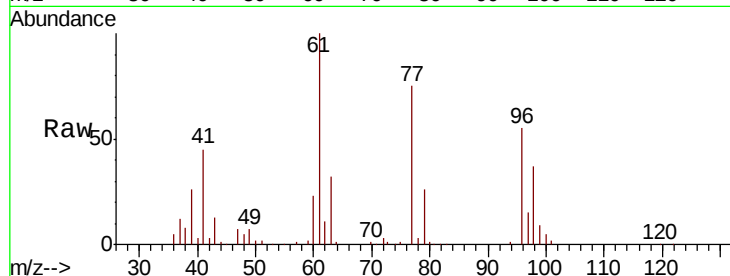


#27

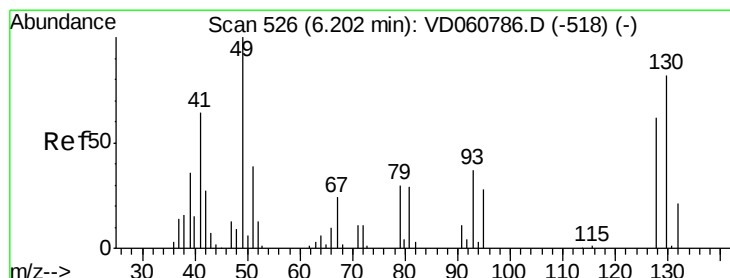
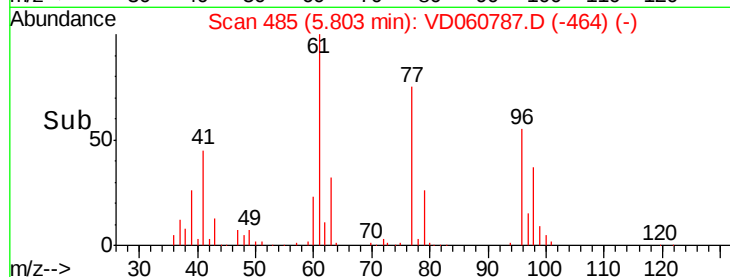
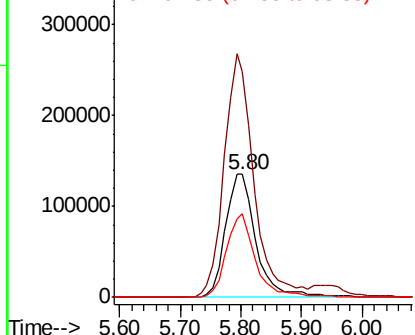
cis-1,2-Dichloroethene  
Concen: 74.436 ug/l  
RT: 5.80 min Scan# 485  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion: 96 Resp: 471382  
Ion Ratio Lower Upper  
96 100  
61 183.0 0.0 385.2  
98 67.5 0.0 120.6



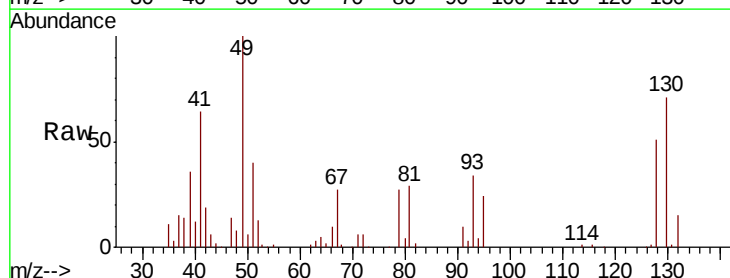
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



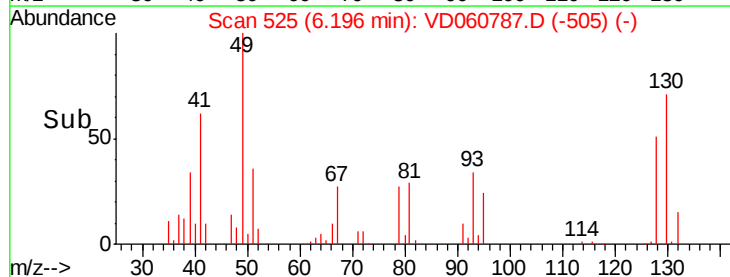
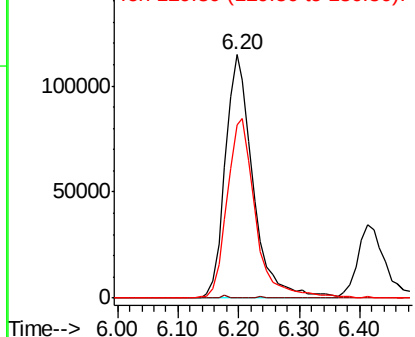
#28

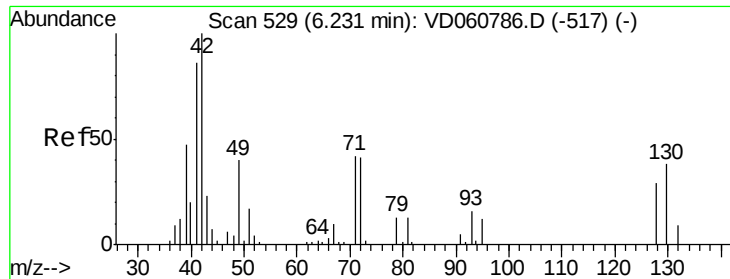
Bromochloromethane  
Concen: 70.846 ug/l  
RT: 6.20 min Scan# 525  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion: 49 Resp: 364499  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 0.0  
130 71.4 65.4 98.2



Abundance Ion 48.90 (48.60 to 49.60): VDC  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 369.404 ug/l

RT: 6.23 min Scan# 528

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

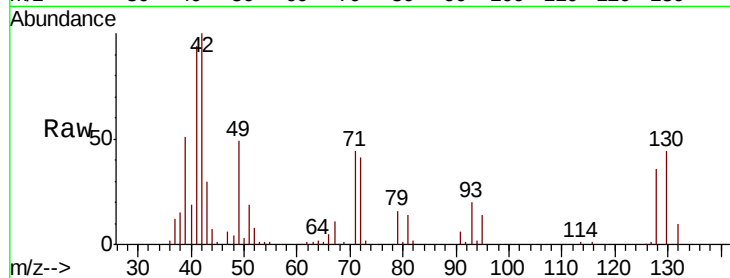
Tgt Ion: 42 Resp: 329388

Ion Ratio Lower Upper

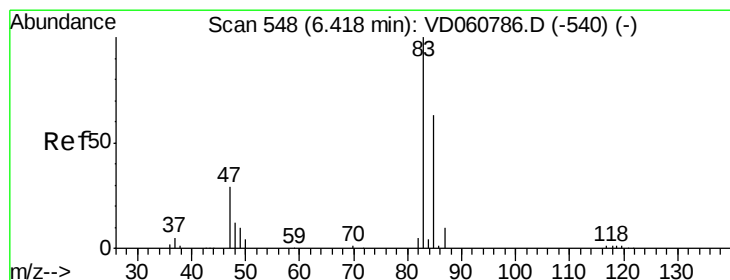
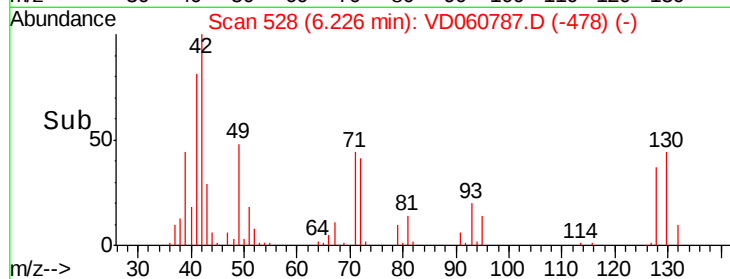
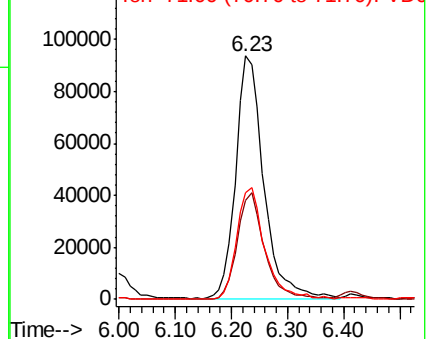
42 100

72 42.3 33.6 50.4

71 45.2 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 72.782 ug/l

RT: 6.41 min Scan# 547

Delta R.T. -0.01 min

Lab File: VD060787.D

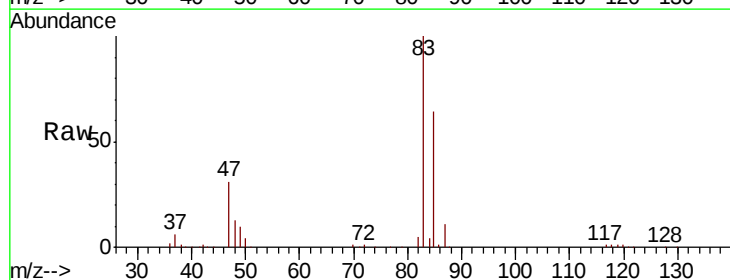
Acq: 23 Jan 2019 17:34

Tgt Ion: 83 Resp: 1078241

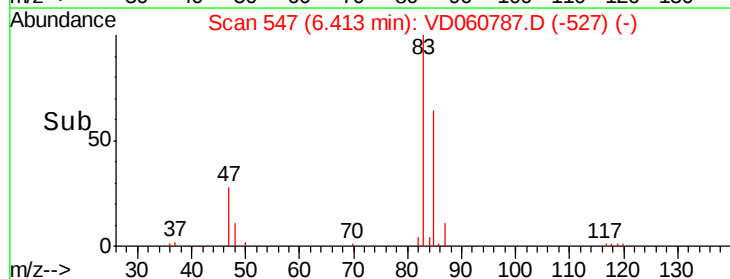
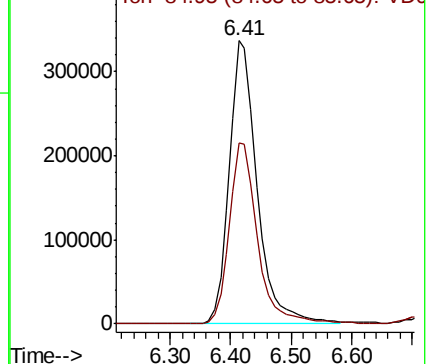
Ion Ratio Lower Upper

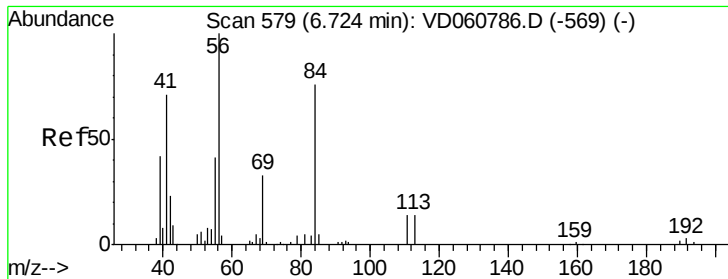
83 100

85 64.2 50.3 75.5



Abundance Ion 82.95 (82.65 to 83.65): VDC  
Ion 84.95 (84.65 to 85.65): VDC

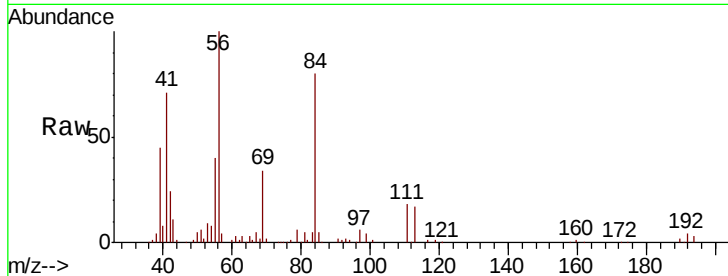




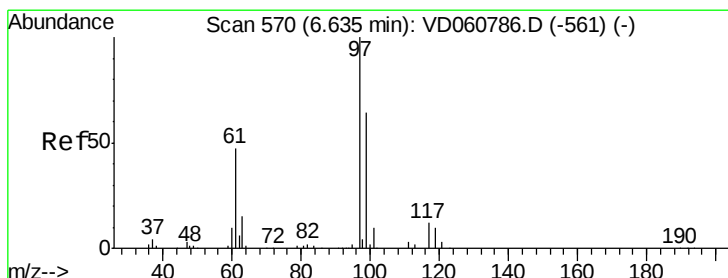
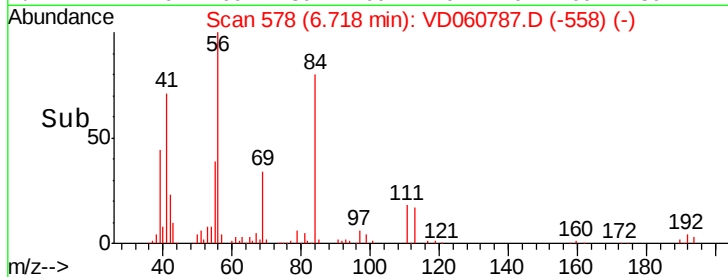
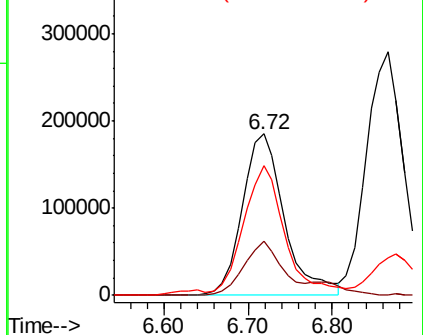
#31  
Cyclohexane  
Concen: 69.145 ug/l  
RT: 6.72 min Scan# 578  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion: 56 Resp: 645617  
Ion Ratio Lower Upper  
56 100  
69 33.7 26.2 39.2  
84 80.2 63.0 94.6

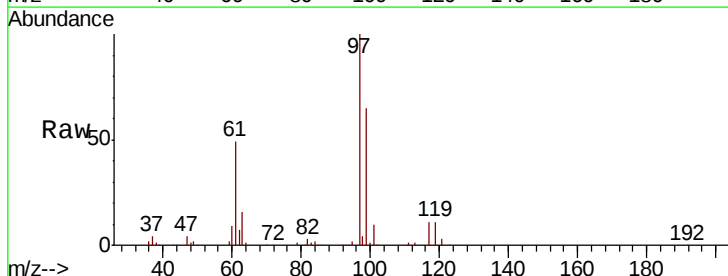


Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC

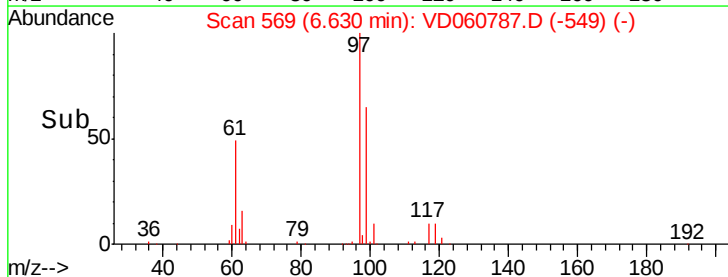
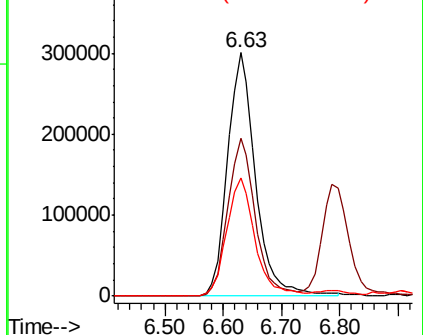


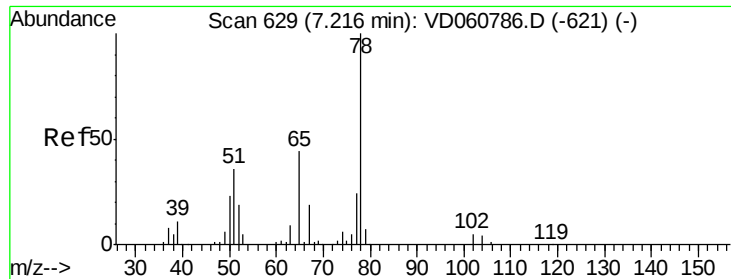
#32  
1,1,1-Trichloroethane  
Concen: 71.831 ug/l  
RT: 6.63 min Scan# 569  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion: 97 Resp: 1001546  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.8 76.2  
61 48.6 37.7 56.5



Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 98.85 (98.55 to 99.55): VDC  
Ion 60.95 (60.65 to 61.65): VDC

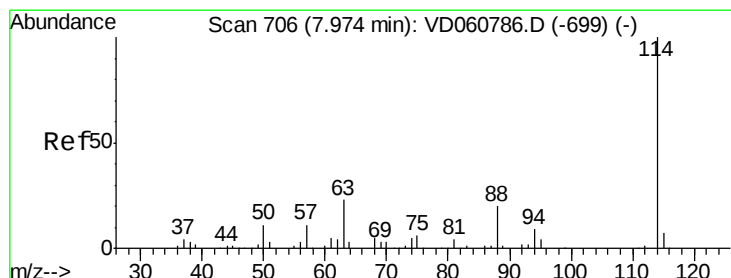
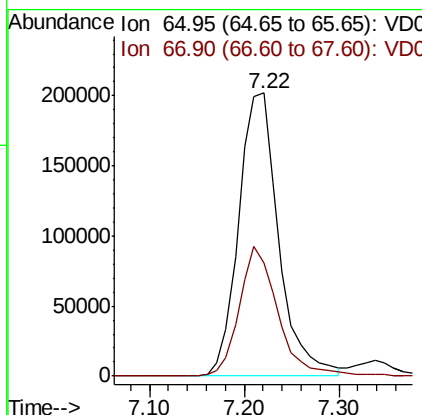
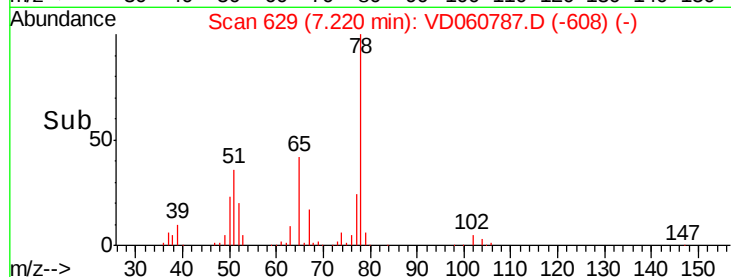
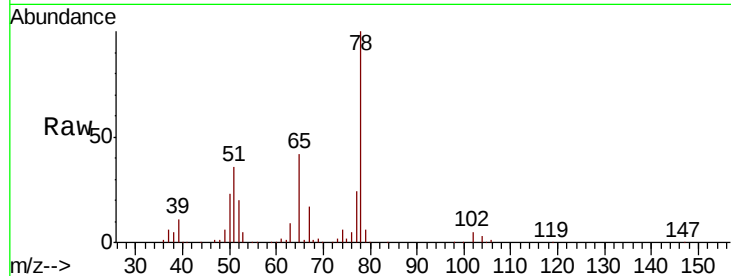




#33  
 1,2-Dichloroethane-d4  
 Concen: 71.831 ug/l  
 RT: 7.22 min Scan# 629  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

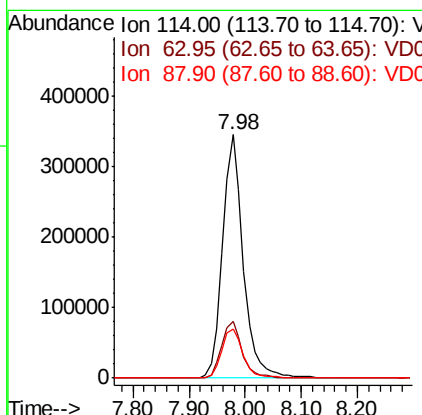
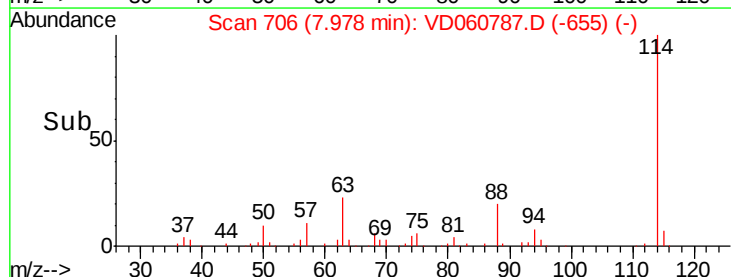
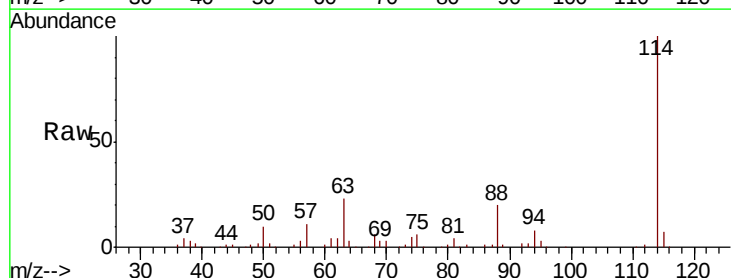
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

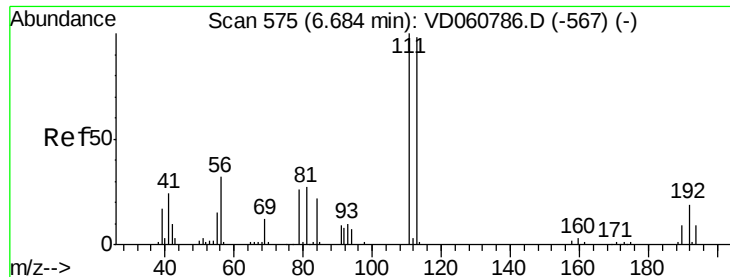
Tgt Ion: 65 Resp: 592449  
 Ion Ratio Lower Upper  
 65 100  
 67 40.0 0.0 86.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.98 min Scan# 706  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

Tgt Ion: 114 Resp: 889226  
 Ion Ratio Lower Upper  
 114 100  
 63 23.1 0.0 46.4  
 88 20.2 0.0 39.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.68 min Scan# 574

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

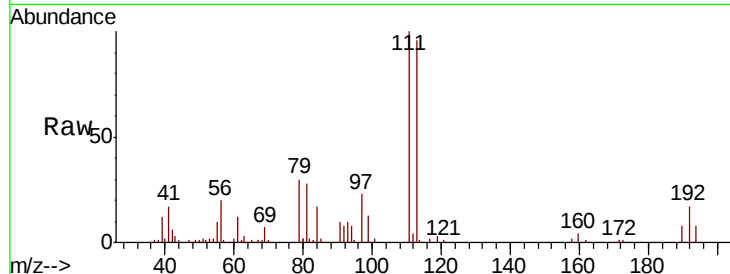
Tgt Ion:113 Resp: 525326

Ion Ratio Lower Upper

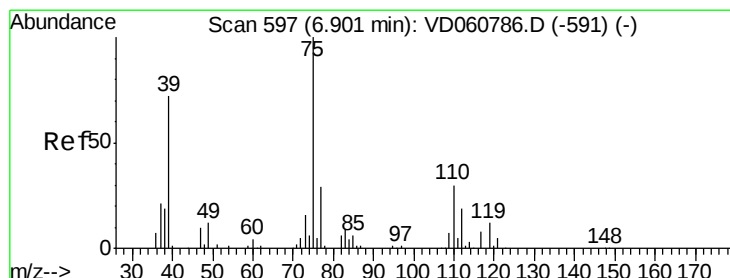
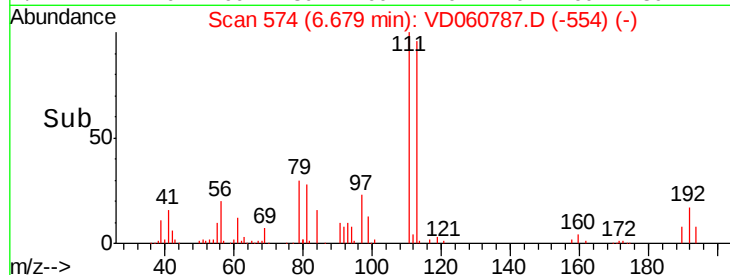
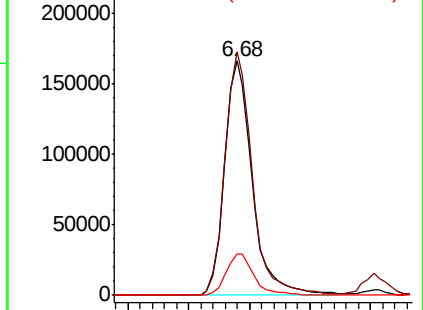
113 100

111 103.9 81.4 122.0

192 17.7 15.3 22.9



Abundance Ion 112.90 (112.60 to 113.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 71.540 ug/l

RT: 6.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

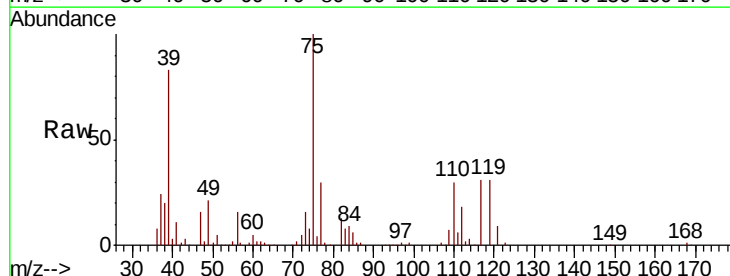
Tgt Ion: 75 Resp: 731980

Ion Ratio Lower Upper

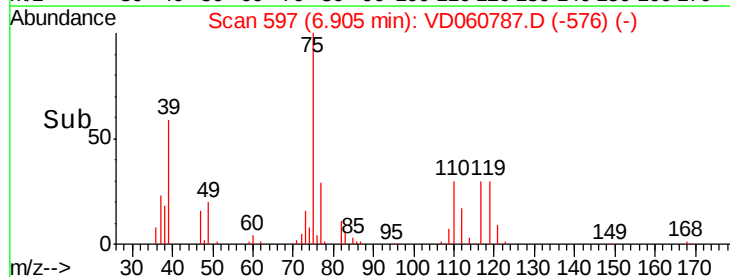
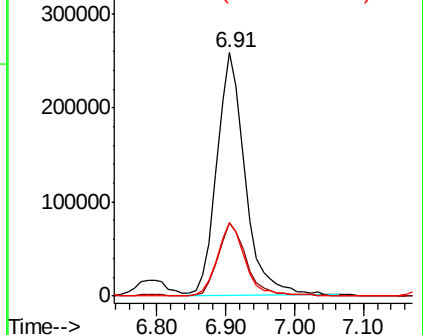
75 100

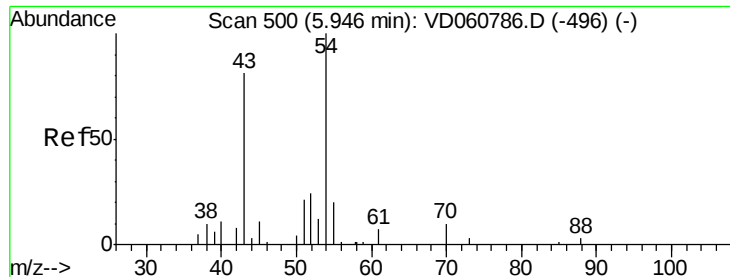
110 30.0 14.8 44.3

77 29.9 23.1 34.7



Abundance Ion 75.00 (74.70 to 75.70): V  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 78.307 ug/l

RT: 5.94 min Scan# 499

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

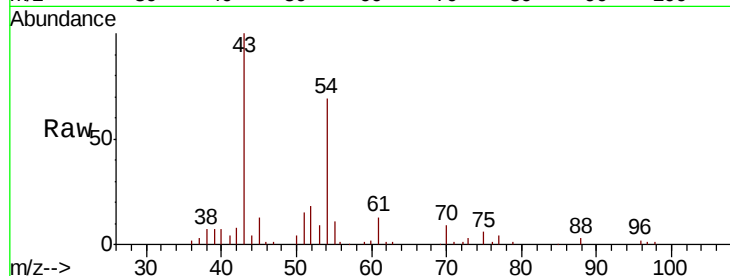
Tgt Ion: 43 Resp: 332994

Ion Ratio Lower Upper

43 100

61 13.4 12.2 18.4

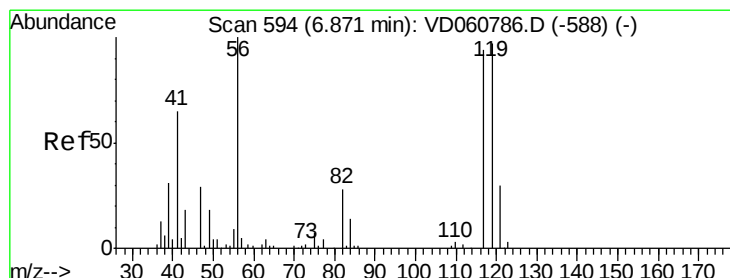
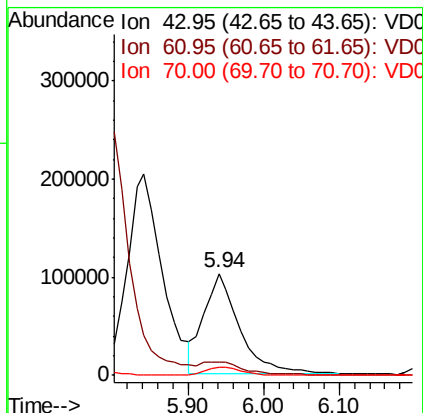
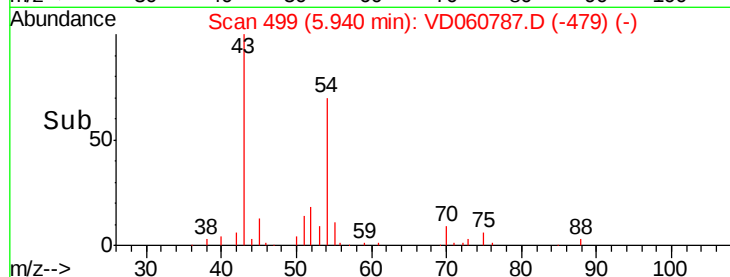
70 8.6 6.8 10.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 68.274 ug/l

RT: 6.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

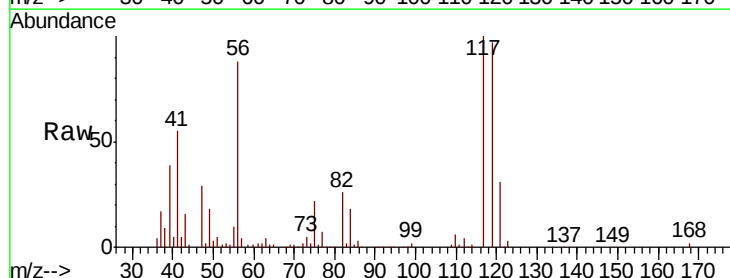
Tgt Ion: 117 Resp: 860919

Ion Ratio Lower Upper

117 100

119 97.2 77.5 116.3

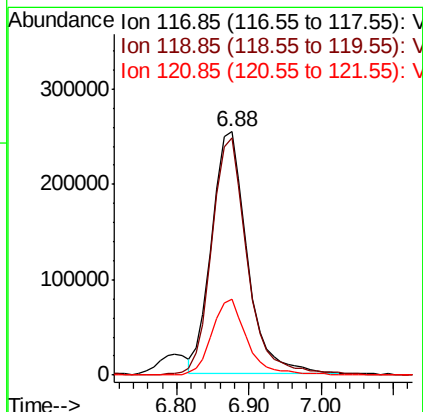
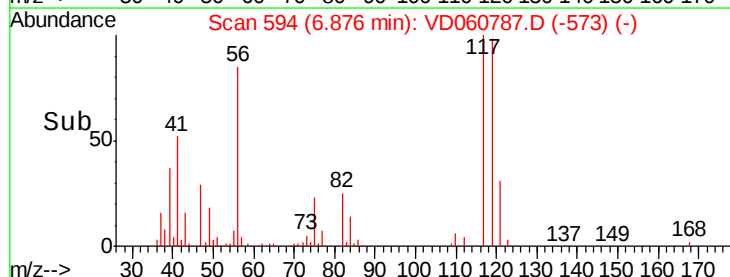
121 31.1 24.2 36.2

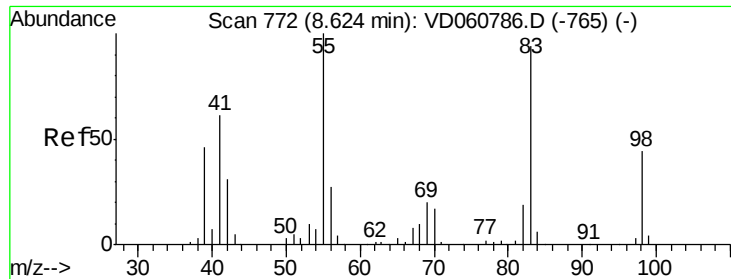


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

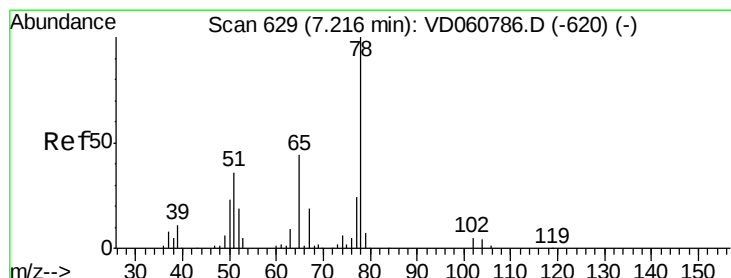
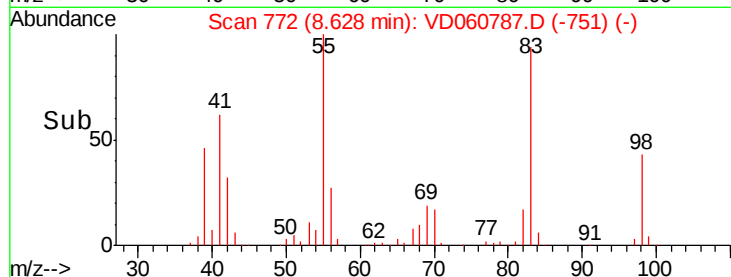
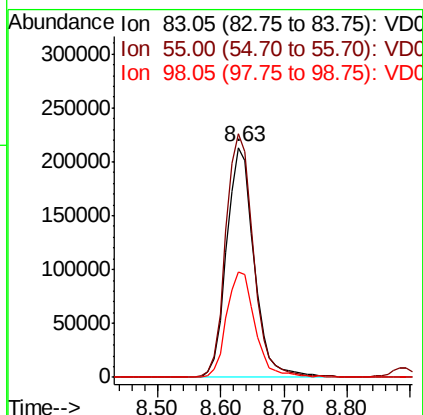
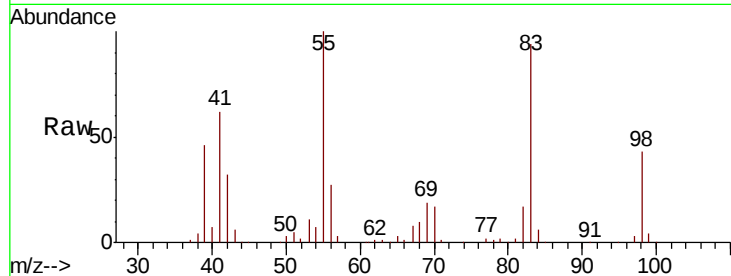




#39  
Methylcyclohexane  
Concen: 70.567 ug/l  
RT: 8.63 min Scan# 772  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

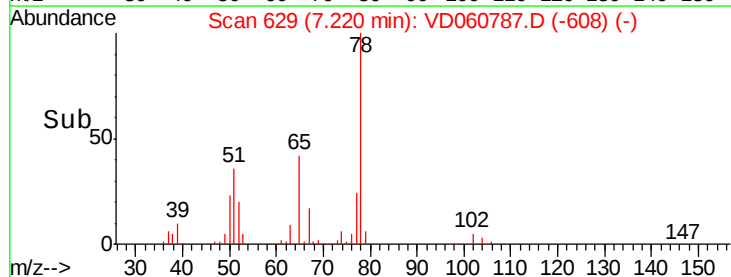
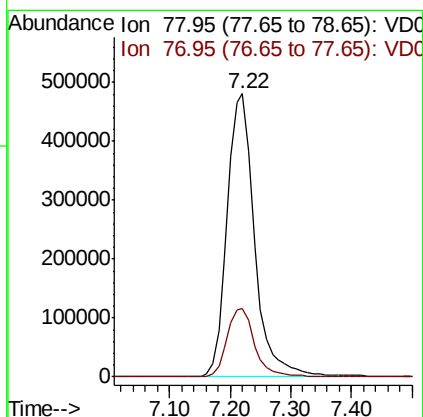
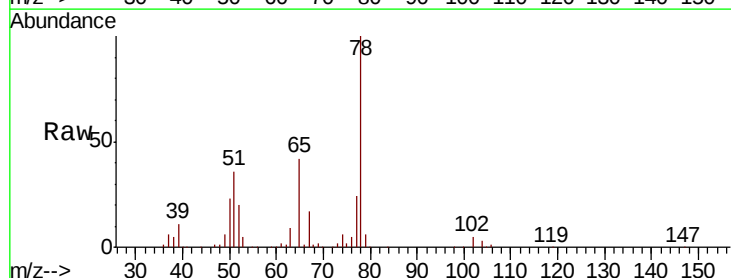
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

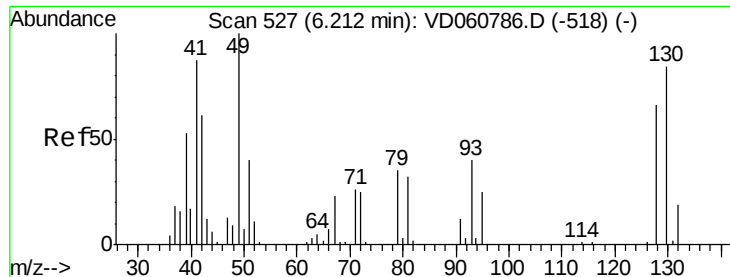
Tgt Ion: 83 Resp: 643694  
Ion Ratio Lower Upper  
83 100  
55 105.9 85.2 127.8  
98 45.6 37.7 56.5



#40  
Benzene  
Concen: 72.668 ug/l  
RT: 7.22 min Scan# 629  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion: 78 Resp: 1516011  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.0 28.4

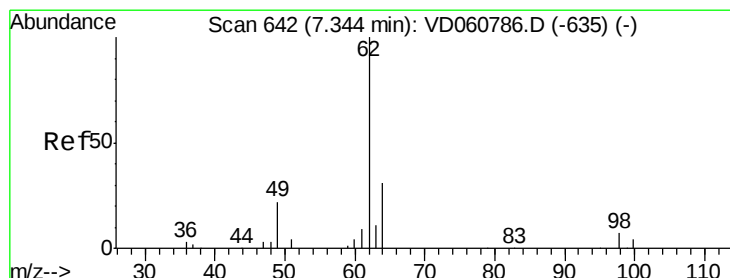
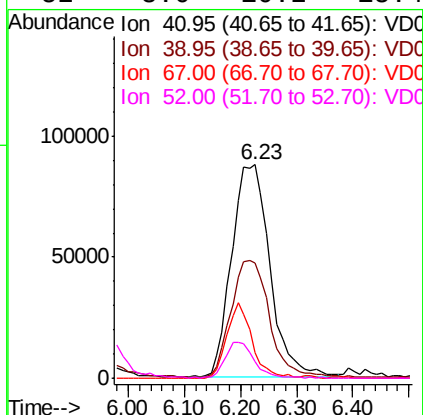
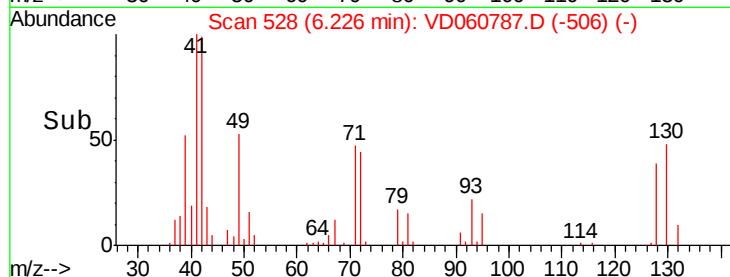
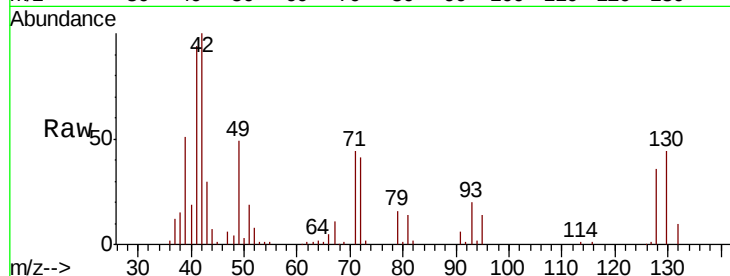




#41  
Methacrylonitrile  
Concen: 130.734 ug/l  
RT: 6.23 min Scan# 528  
Delta R.T. 0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

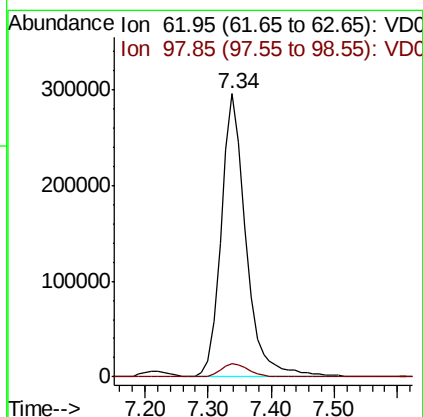
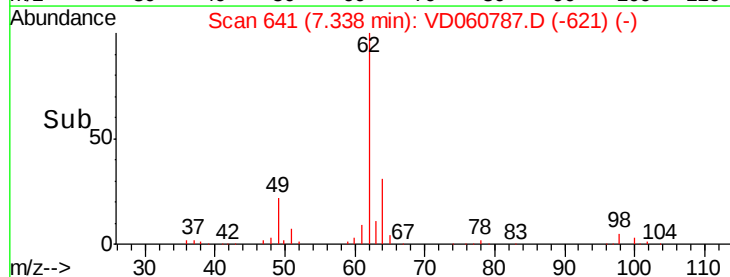
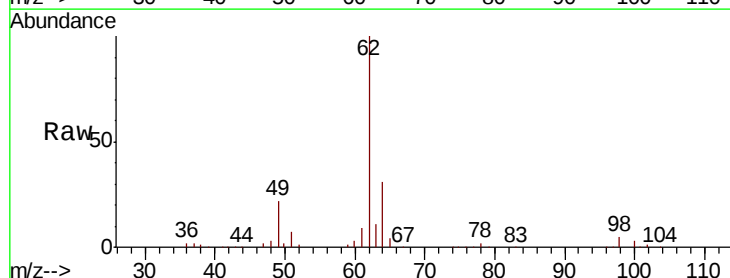
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

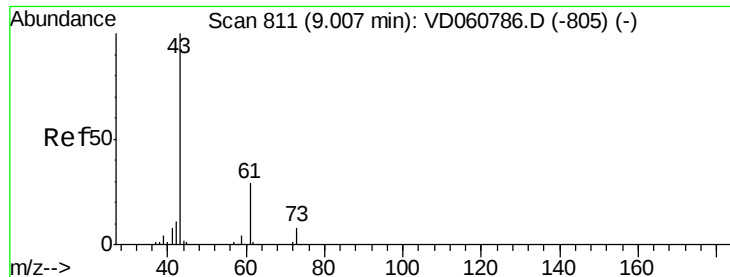
Tgt Ion: 41 Resp: 415187  
Ion Ratio Lower Upper  
41 100  
39 53.8 49.4 74.2  
67 11.8 20.7 31.1#  
52 8.0 10.2 15.4#



#42  
1,2-Dichloroethane  
Concen: 70.877 ug/l  
RT: 7.34 min Scan# 641  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion: 62 Resp: 802196  
Ion Ratio Lower Upper  
62 100  
98 4.9 0.0 13.6





#43

Isopropyl Acetate

Concen: 74.198 ug/l

RT: 9.00 min Scan# 810

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

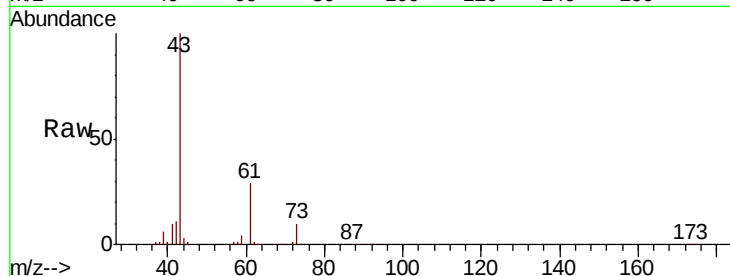
Tgt Ion: 43 Resp: 484622

Ion Ratio Lower Upper

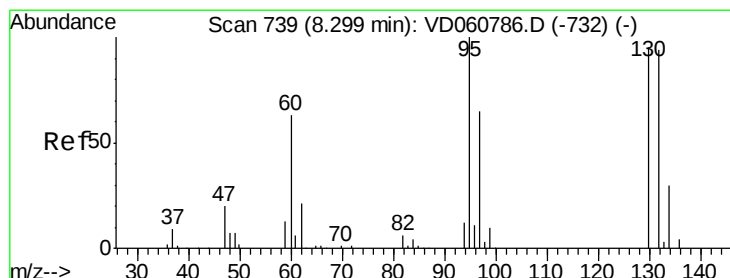
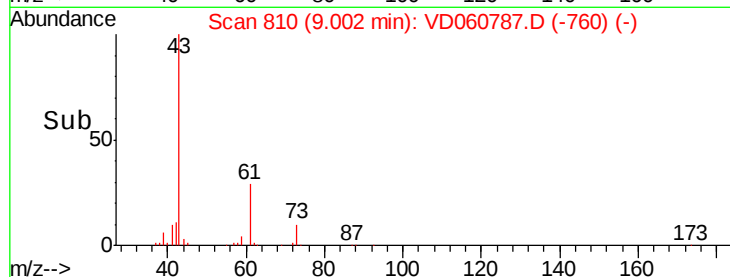
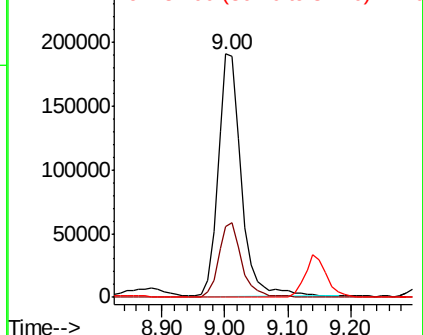
43 100

61 29.0 23.2 34.8

87 0.3 0.0 0.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 71.644 ug/l

RT: 8.30 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD060787.D

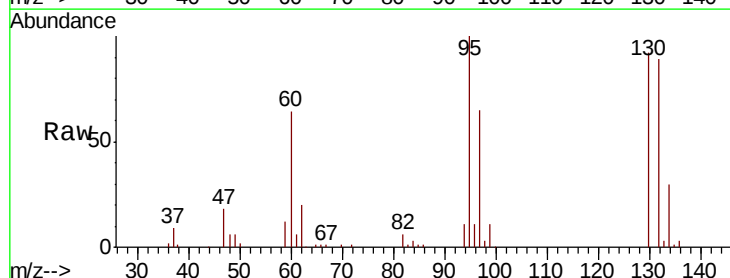
Acq: 23 Jan 2019 17:34

Tgt Ion:130 Resp: 530211

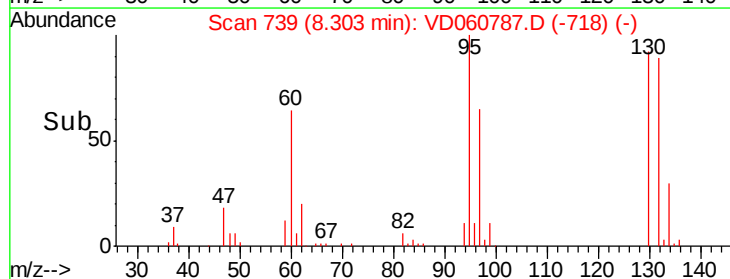
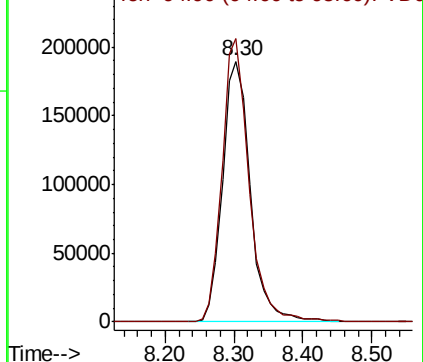
Ion Ratio Lower Upper

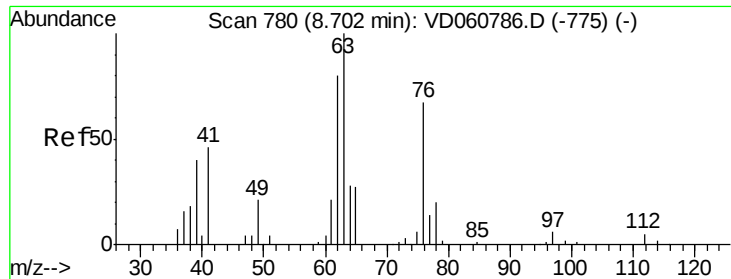
130 100

95 108.5 0.0 211.6



Abundance Ion 129.80 (129.50 to 130.50): VDC  
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 74.948 ug/l

RT: 8.71 min Scan# 780

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

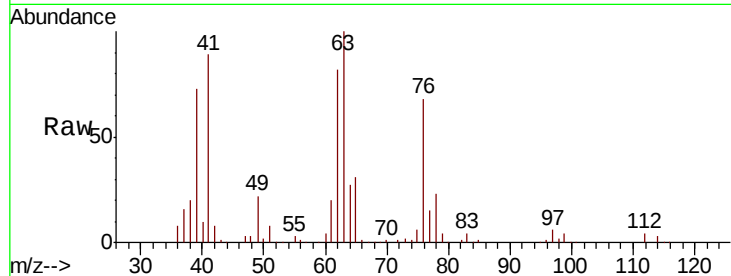
VSTDIC075

Tgt Ion: 63 Resp: 405741

Ion Ratio Lower Upper

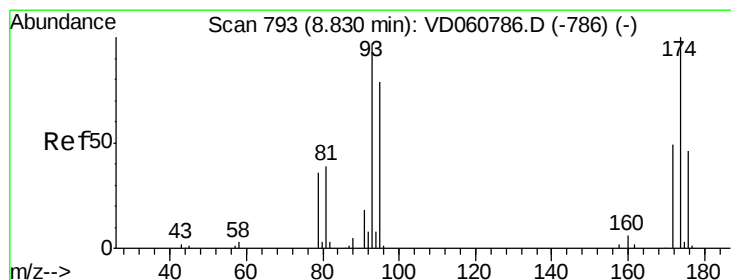
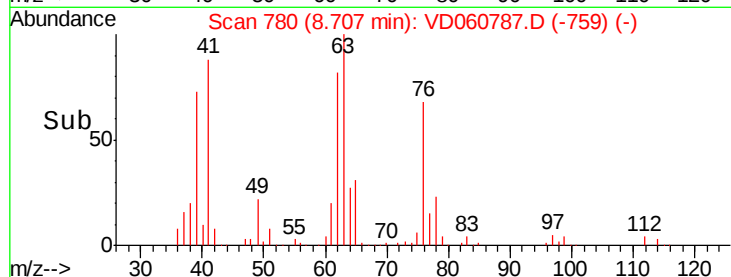
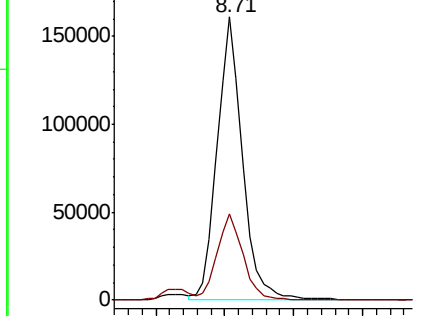
63 100

65 30.6 23.0 34.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 71.460 ug/l

RT: 8.82 min Scan# 792

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

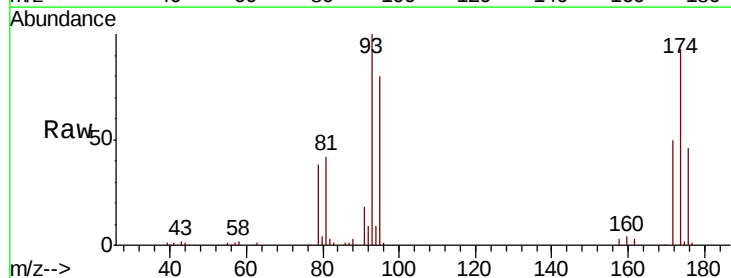
Tgt Ion: 93 Resp: 316450

Ion Ratio Lower Upper

93 100

95 79.7 65.2 97.8

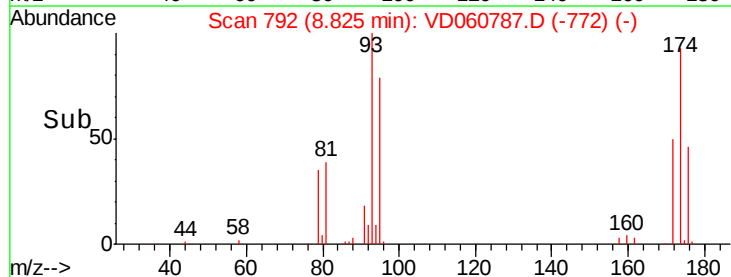
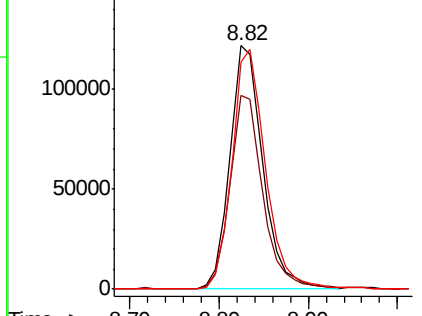
174 93.3 82.1 123.1

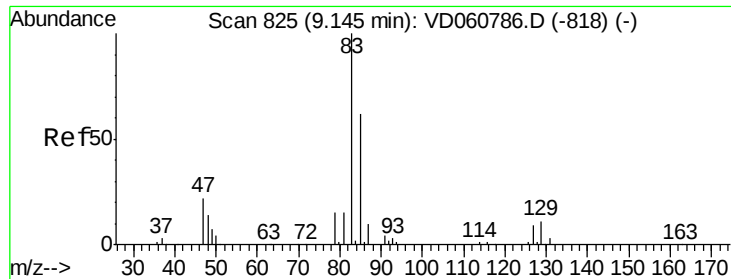


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 77.021 ug/l

RT: 9.14 min Scan# 824

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

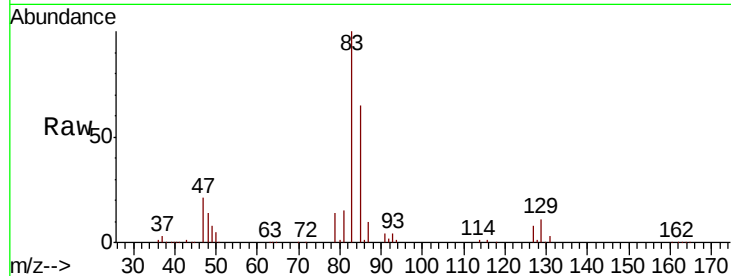
Tgt Ion: 83 Resp: 840185

Ion Ratio Lower Upper

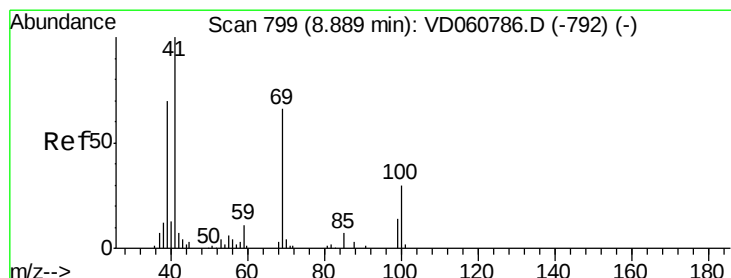
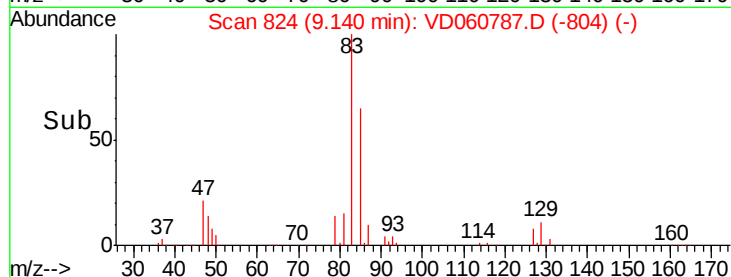
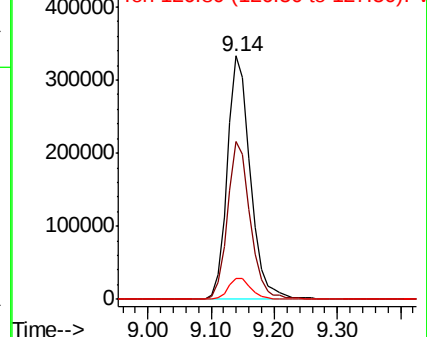
83 100

85 64.9 49.8 74.6

127 8.4 7.0 10.4



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



#48

Methyl methacrylate

Concen: 74.065 ug/l

RT: 8.88 min Scan# 798

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

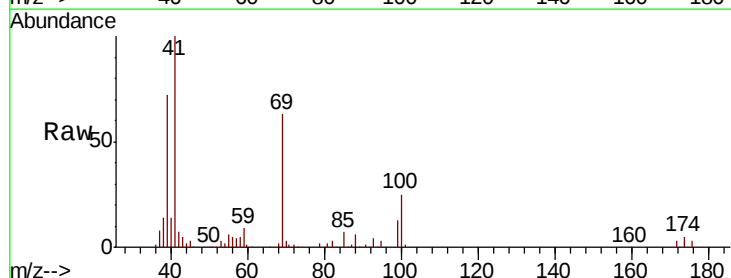
Tgt Ion: 41 Resp: 326433

Ion Ratio Lower Upper

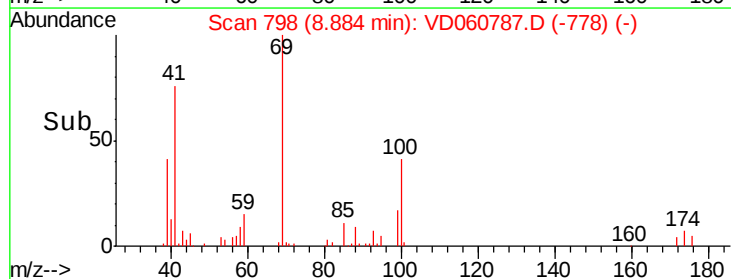
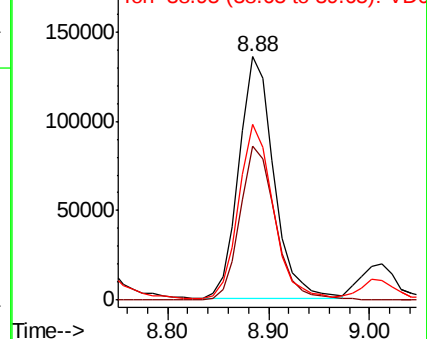
41 100

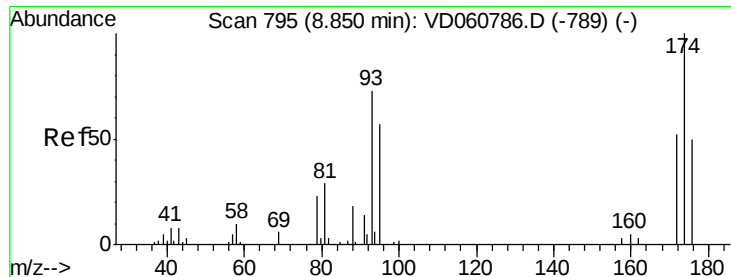
69 63.1 52.2 78.4

39 72.4 56.3 84.5



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

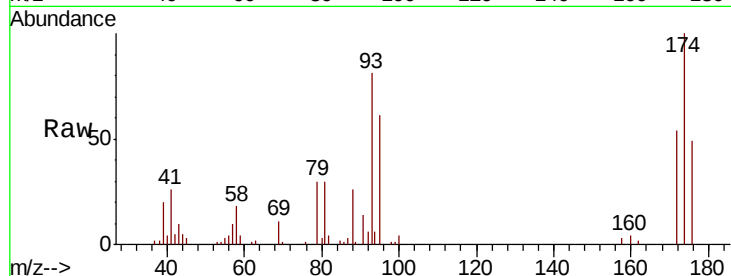




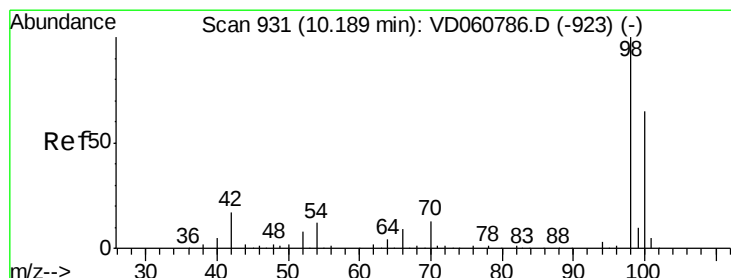
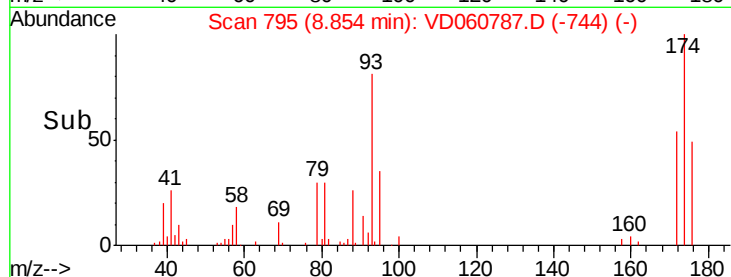
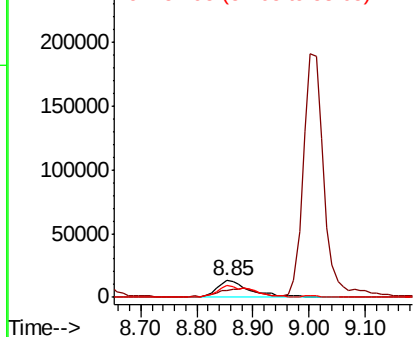
#49  
1,4-Dioxane  
Concen: 1508.955 ug/l  
RT: 8.85 min Scan# 795  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion: 88 Resp: 56142  
Ion Ratio Lower Upper  
88 100  
43 40.0 36.2 54.2  
58 69.1 47.3 70.9

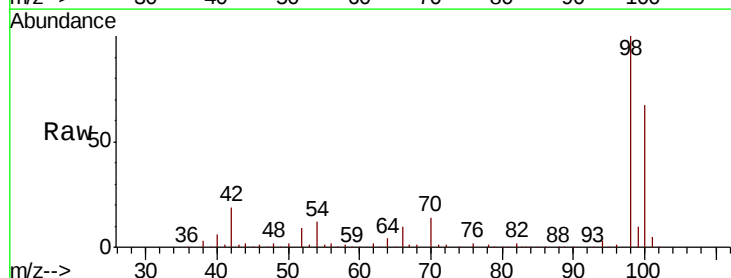


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

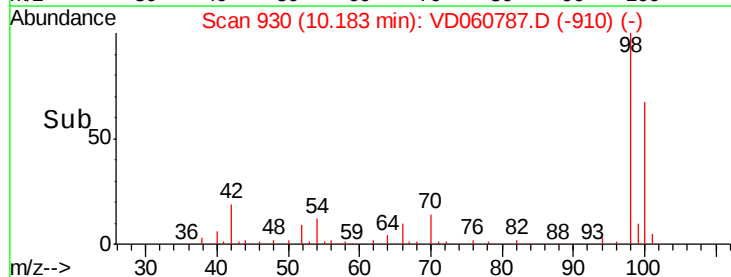
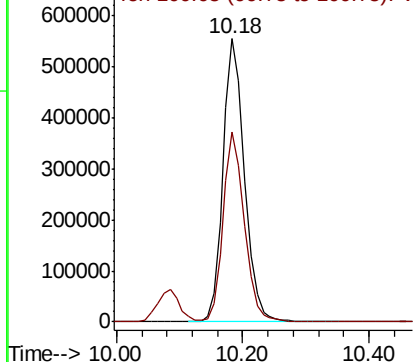


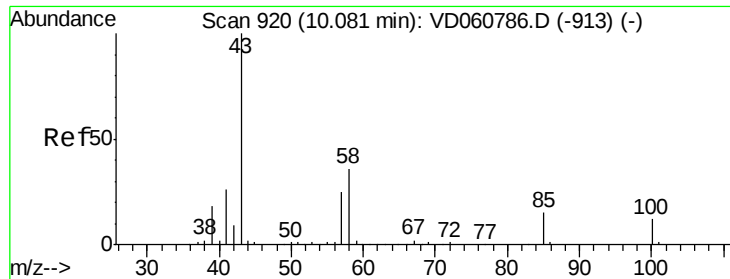
#50  
Toluene-d8  
Concen: 1508.955 ug/l  
RT: 10.18 min Scan# 930  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion: 98 Resp: 1313431  
Ion Ratio Lower Upper  
98 100  
100 67.1 53.4 80.2



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

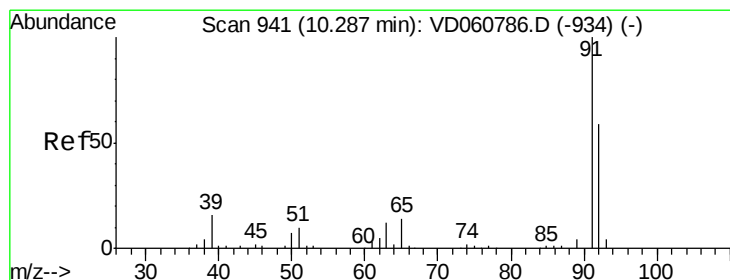
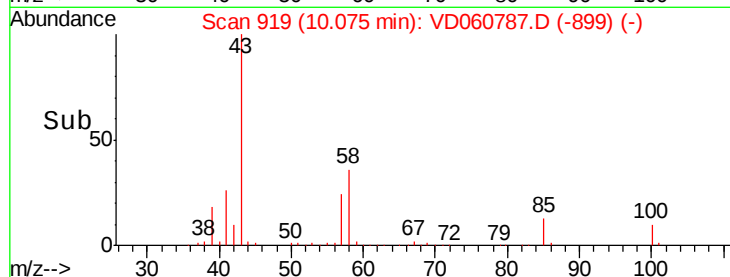
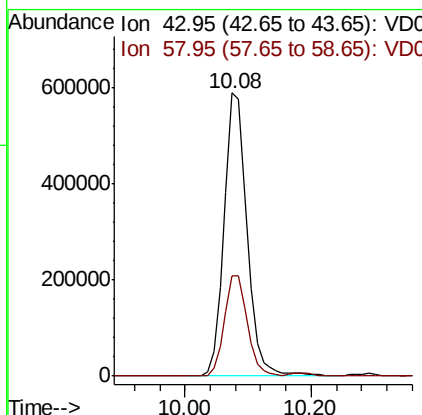
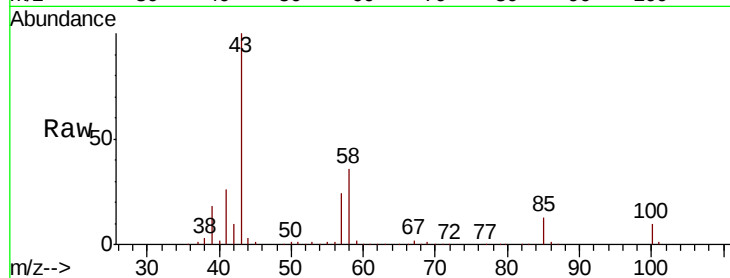




#51  
4-Methyl-2-Pentanone  
Concen: 345.565 ug/l  
RT: 10.08 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

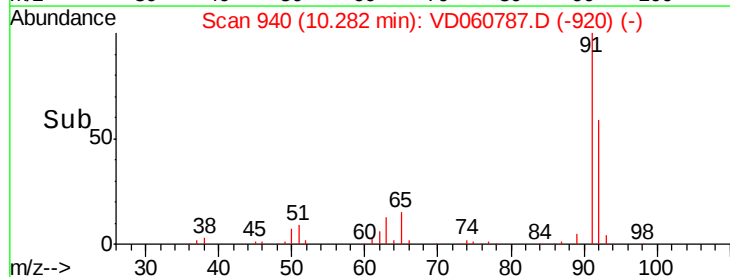
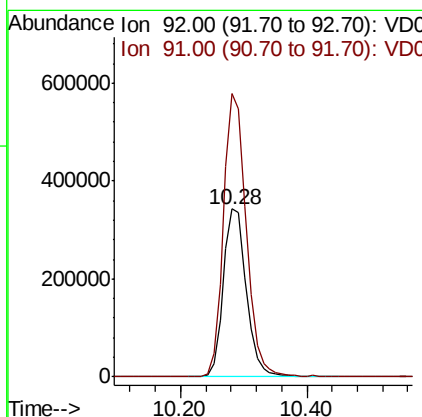
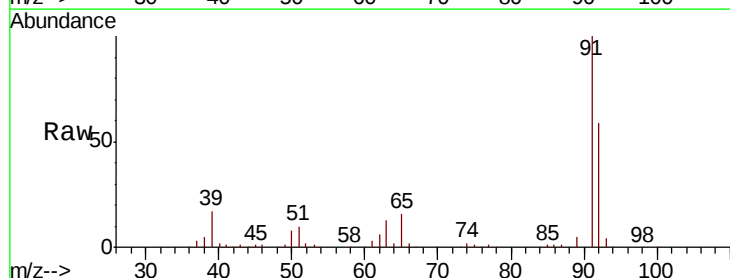
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

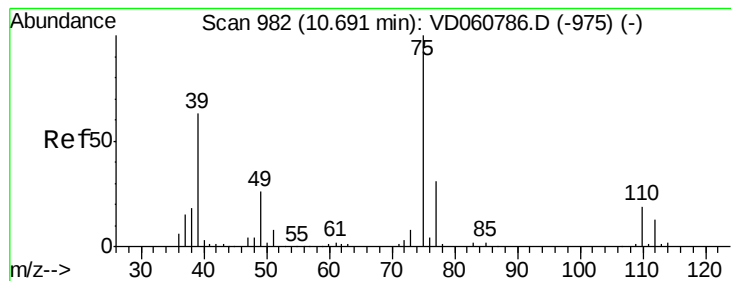
Tgt Ion: 43 Resp: 1484697  
Ion Ratio Lower Upper  
43 100  
58 35.6 29.0 43.6



#52  
Toluene  
Concen: 66.643 ug/l  
RT: 10.28 min Scan# 940  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion: 92 Resp: 870104  
Ion Ratio Lower Upper  
92 100  
91 168.8 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 69.357 ug/l

RT: 10.70 min Scan# 982

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

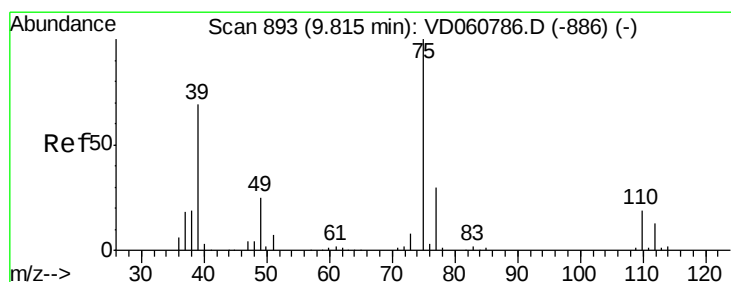
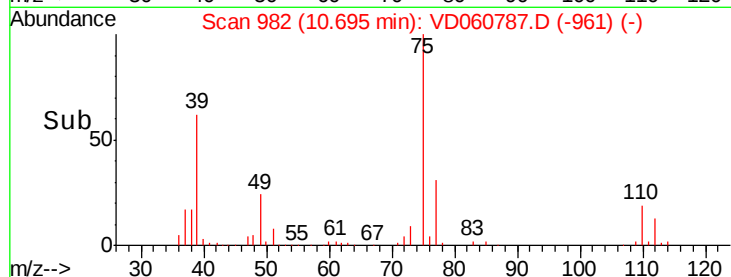
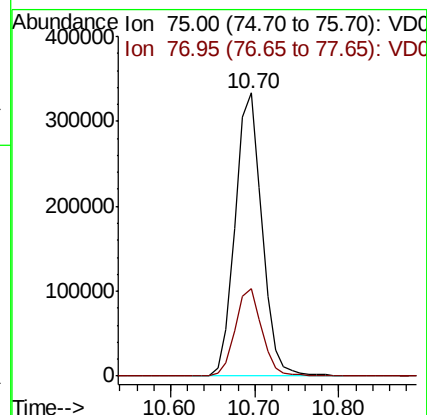
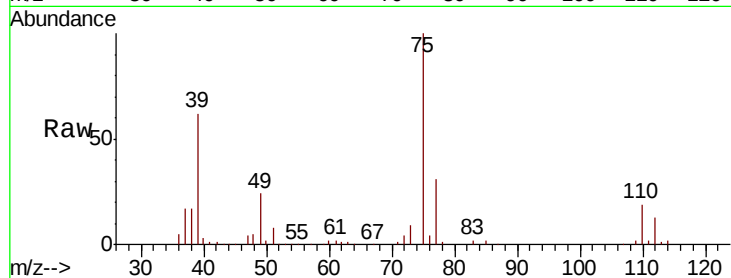
VSTDIC075

Tgt Ion: 75 Resp: 740353

Ion Ratio Lower Upper

75 100

77 30.9 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 78.083 ug/l

RT: 9.81 min Scan# 892

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

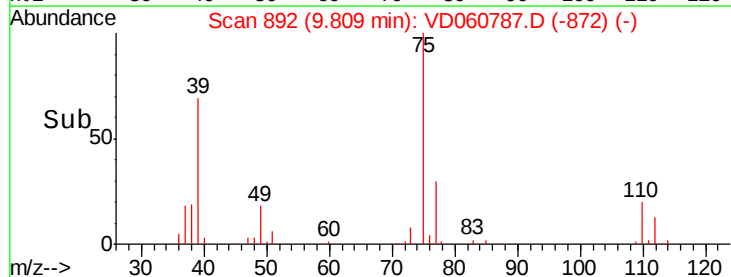
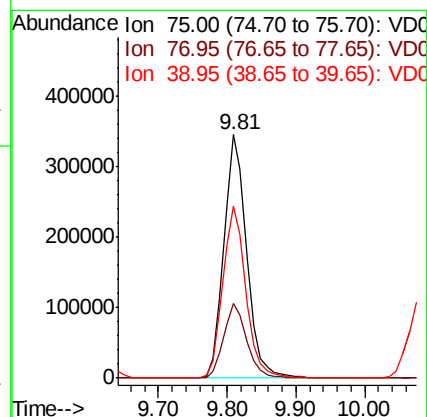
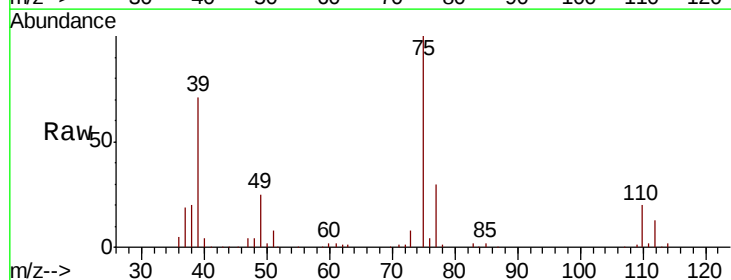
Tgt Ion: 75 Resp: 791739

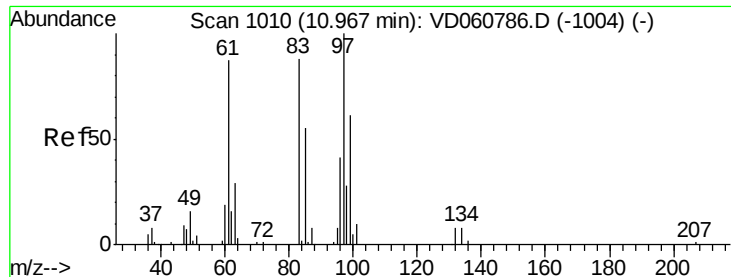
Ion Ratio Lower Upper

75 100

77 30.5 24.1 36.1

39 70.9 55.4 83.0





#55

1,1,2-Trichloroethane

Concen: 71.247 ug/l

RT: 10.97 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

Tgt Ion: 97 Resp: 330027

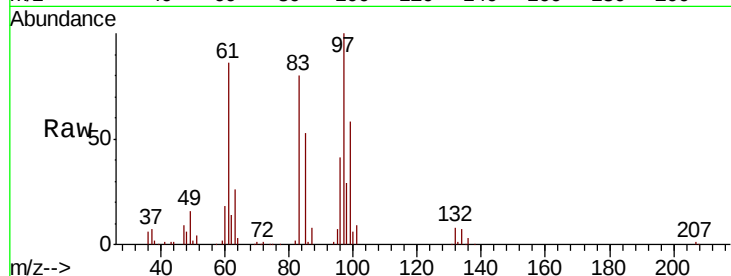
Ion Ratio Lower Upper

97 100

83 79.8 70.4 105.6

85 52.6 43.9 65.9

99 57.8 48.6 73.0

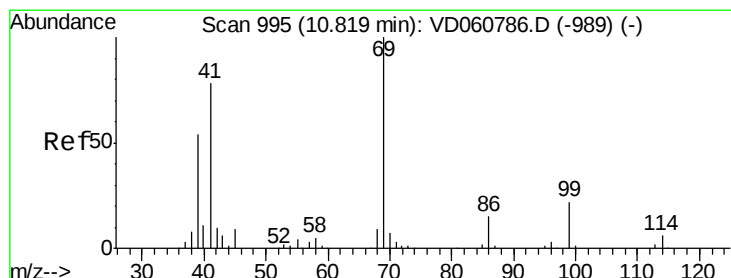
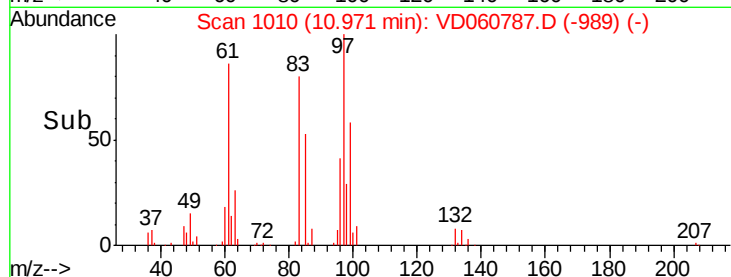
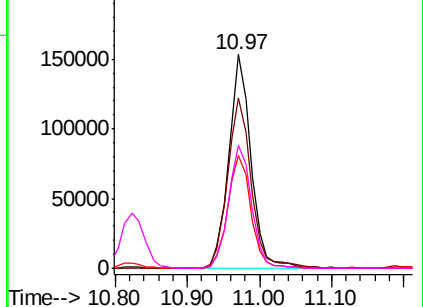


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 73.078 ug/l

RT: 10.82 min Scan# 995

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

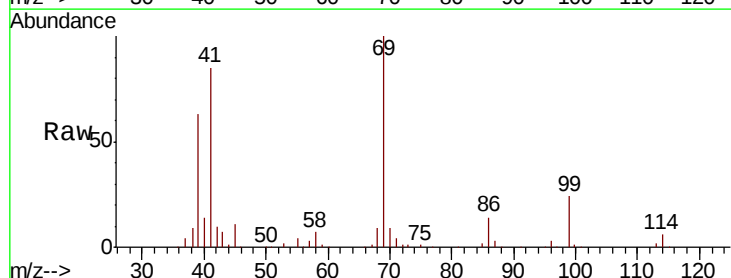
Tgt Ion: 69 Resp: 392825

Ion Ratio Lower Upper

69 100

41 84.9 62.0 93.0

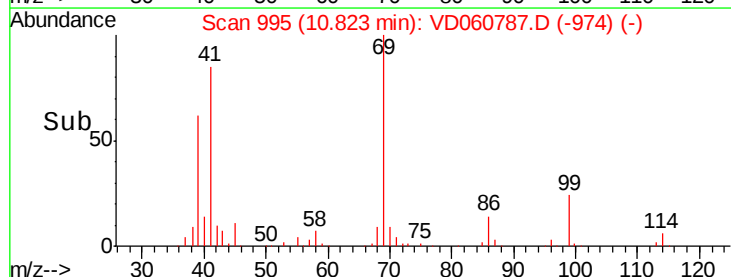
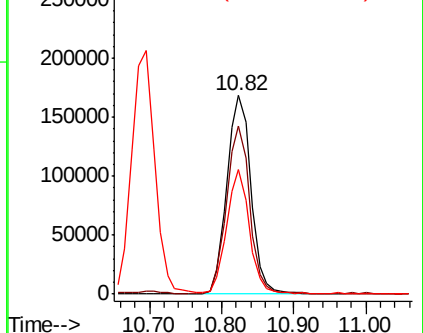
39 62.6 43.8 65.8

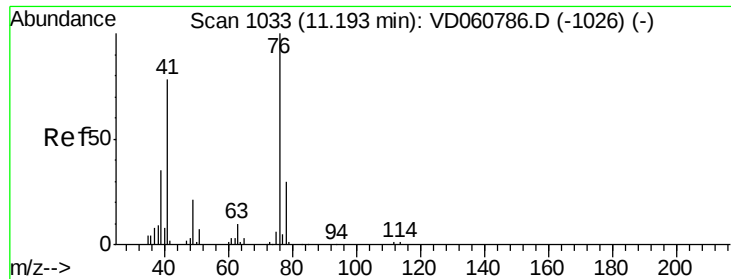


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

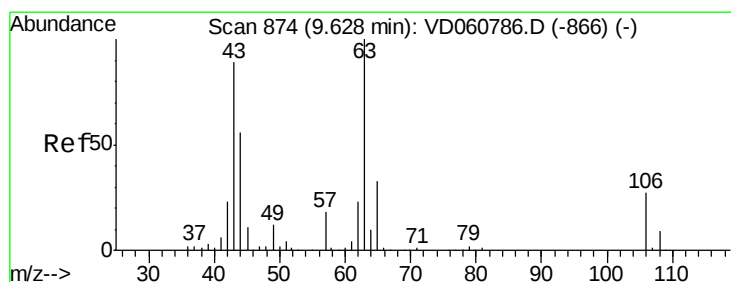
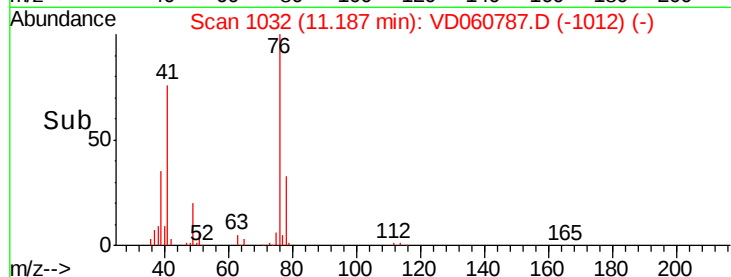
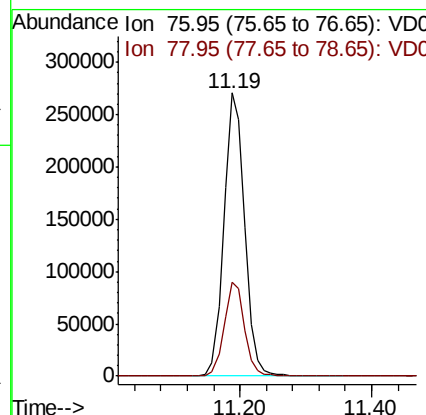
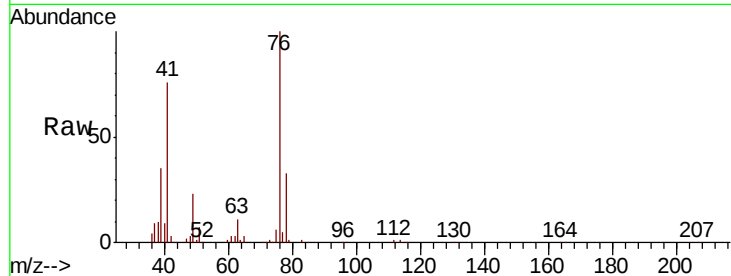




#57  
 1,3-Dichloropropane  
 Concen: 72.780 ug/l  
 RT: 11.19 min Scan# 1032  
 Delta R.T. -0.01 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

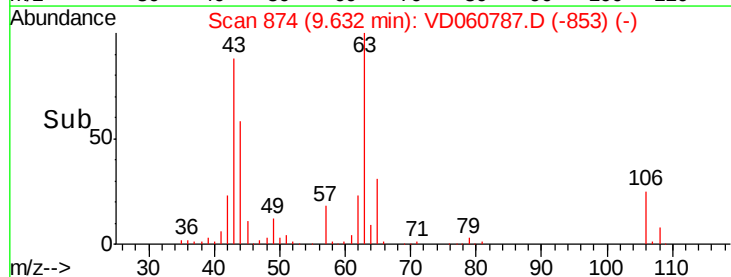
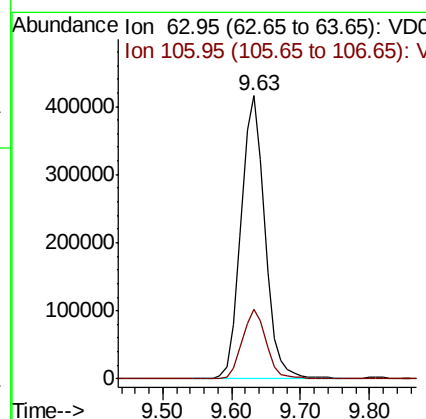
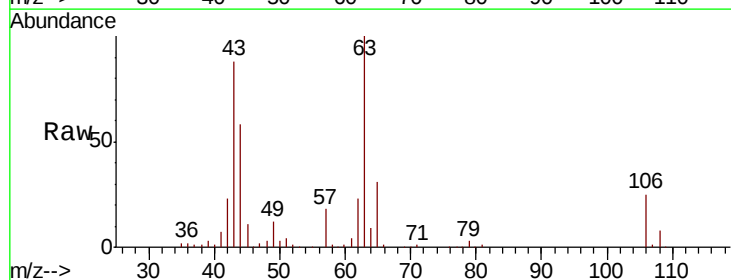
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDIC075

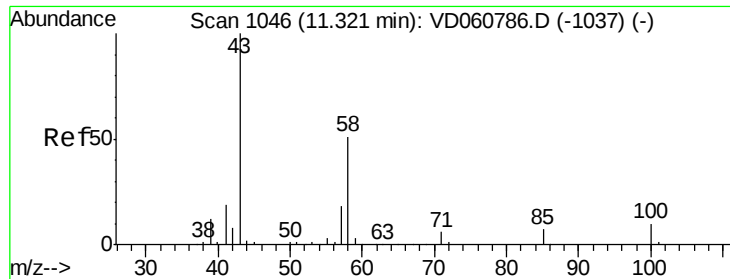
Tgt Ion: 76 Resp: 590592  
 Ion Ratio Lower Upper  
 76 100  
 78 33.0 24.0 36.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 329.774 ug/l  
 RT: 9.63 min Scan# 874  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

Tgt Ion: 63 Resp: 1001559  
 Ion Ratio Lower Upper  
 63 100  
 106 24.7 21.6 32.4

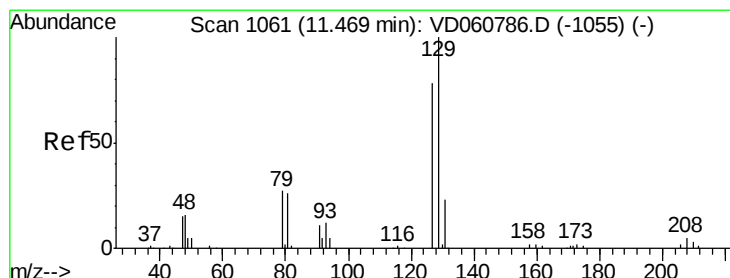
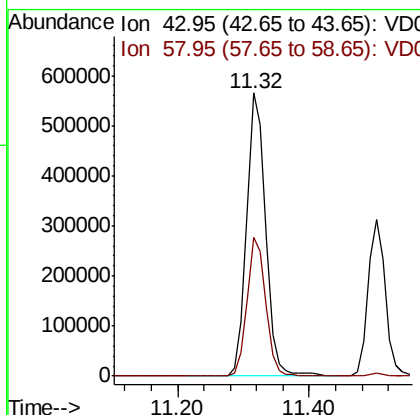
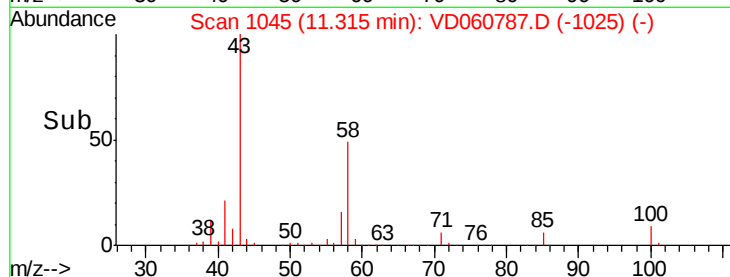
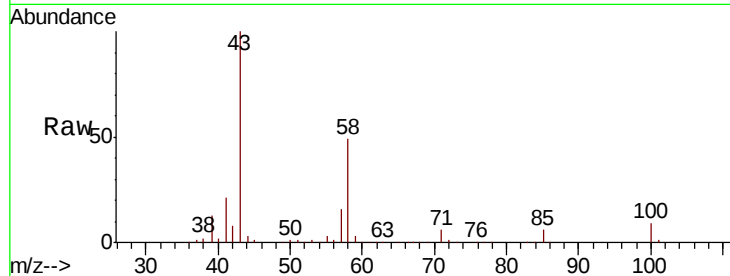




#59  
2-Hexanone  
Concen: 362.804 ug/l  
RT: 11.32 min Scan# 1045  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

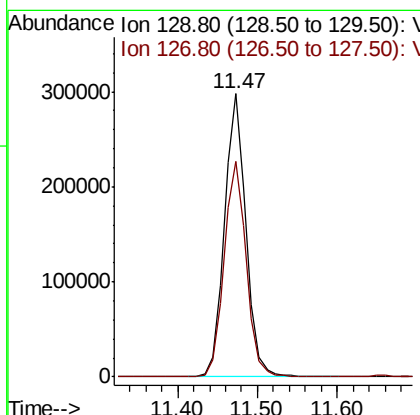
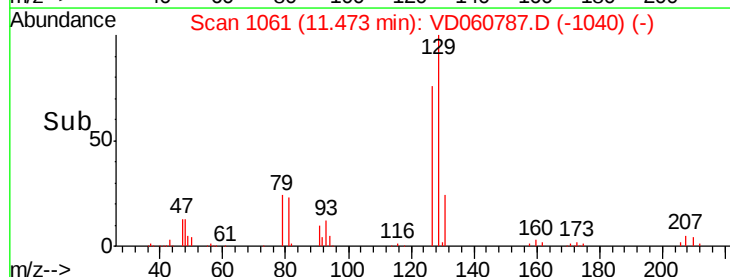
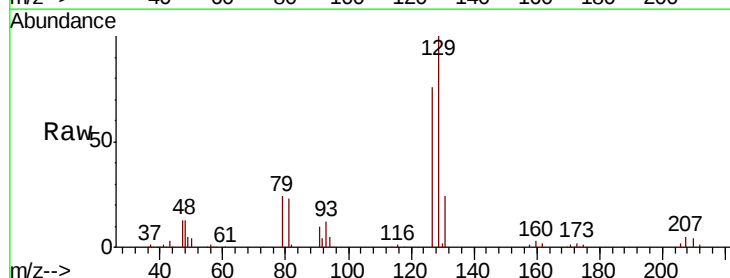
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

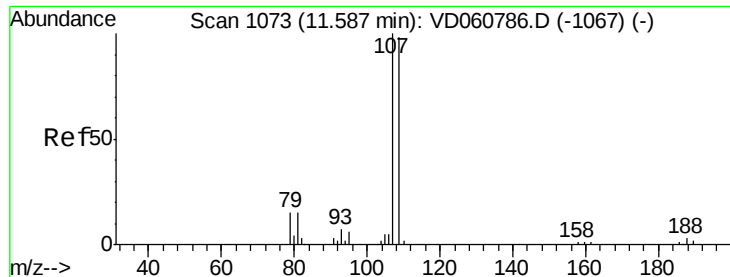
Tgt Ion: 43 Resp: 1150124  
Ion Ratio Lower Upper  
43 100  
58 48.9 25.4 76.2



#60  
Dibromochloromethane  
Concen: 77.034 ug/l  
RT: 11.47 min Scan# 1061  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion: 129 Resp: 565727  
Ion Ratio Lower Upper  
129 100  
127 76.1 39.0 117.0

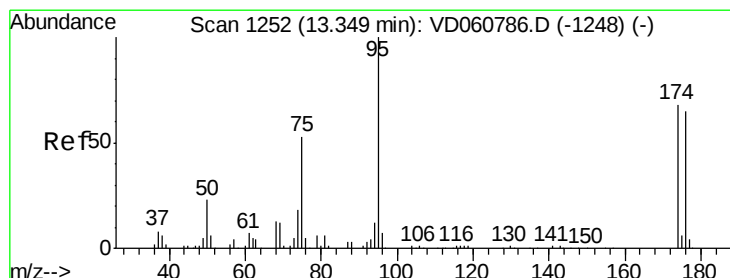
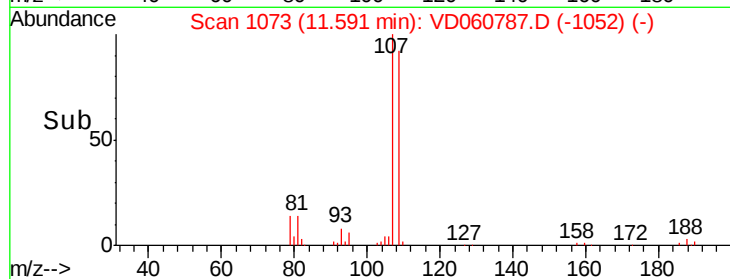
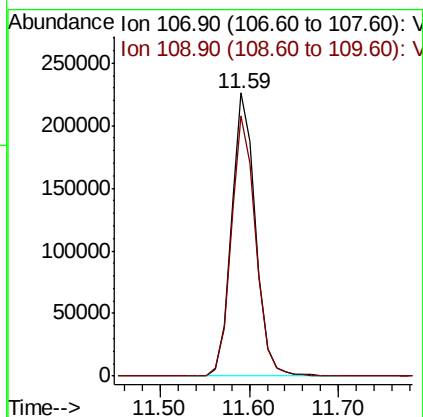
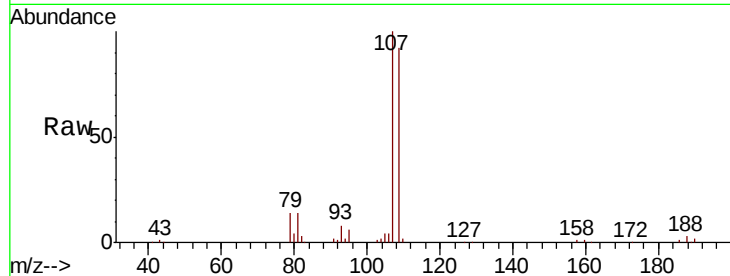




#61  
 1,2-Dibromoethane  
 Concen: 80.959 ug/l  
 RT: 11.59 min Scan# 1073  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

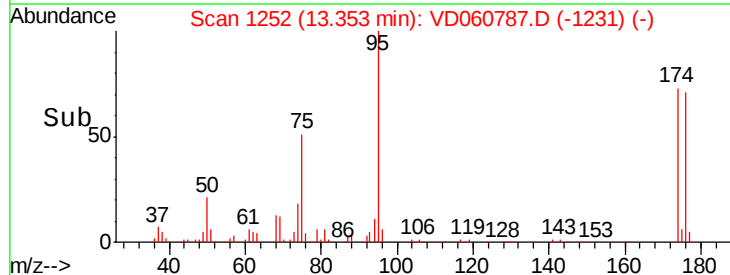
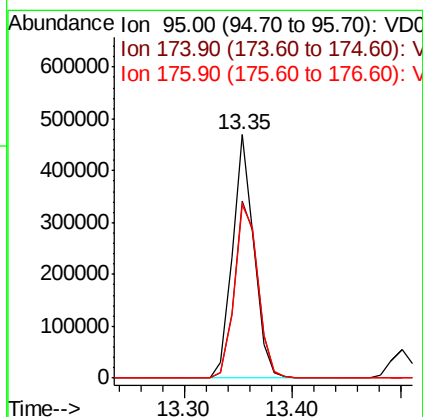
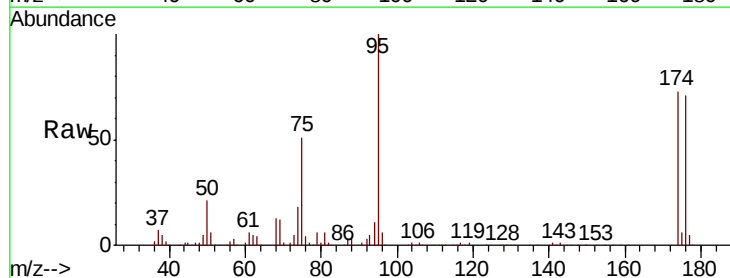
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

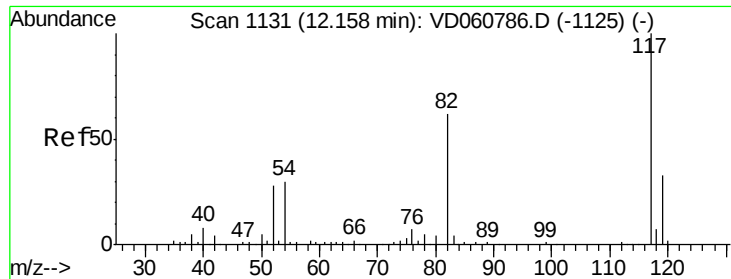
Tgt Ion: 107 Resp: 425308  
 Ion Ratio Lower Upper  
 107 100  
 109 91.8 78.2 117.2



#62  
 4-Bromofluorobenzene  
 Concen: 80.959 ug/l  
 RT: 13.35 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

Tgt Ion: 95 Resp: 650264  
 Ion Ratio Lower Upper  
 95 100  
 174 72.6 0.0 135.6  
 176 71.1 0.0 130.6

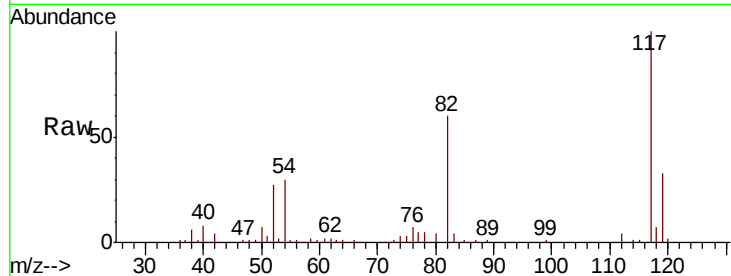




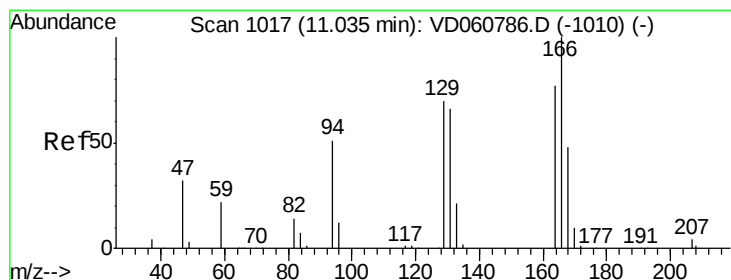
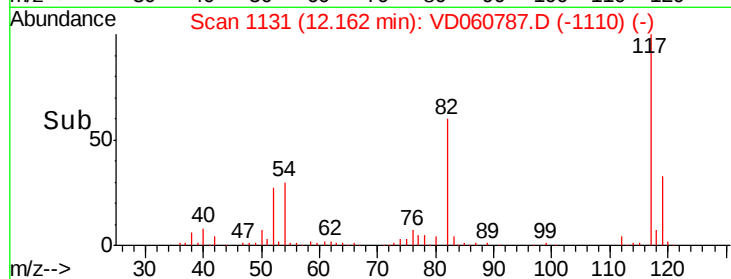
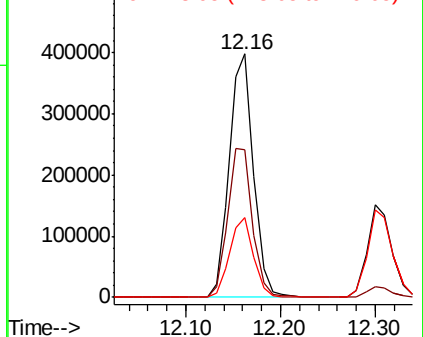
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.16 min Scan# 1131  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion:117 Resp: 705855  
Ion Ratio Lower Upper  
117 100  
82 60.4 49.5 74.3  
119 32.7 26.2 39.4



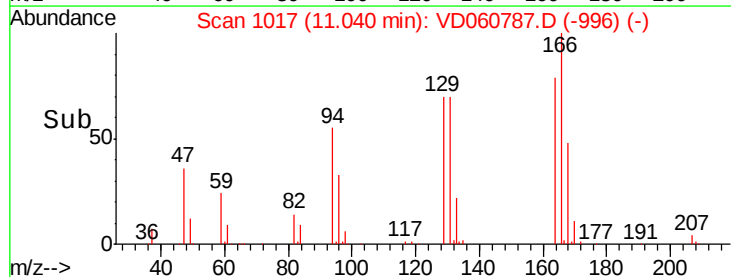
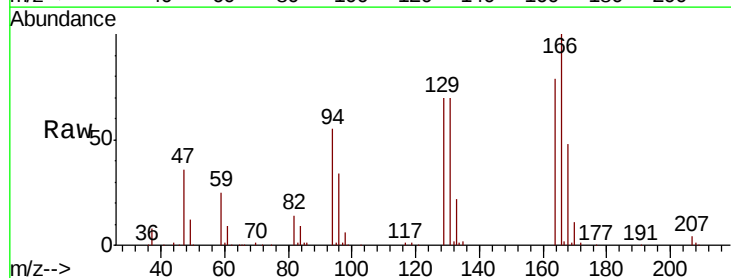
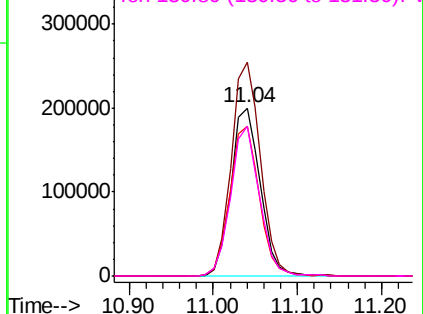
Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

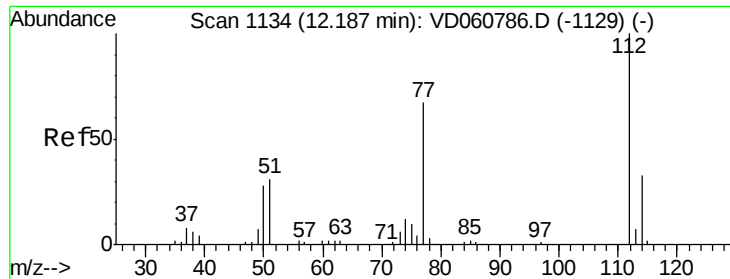


#64  
Tetrachloroethene  
Concen: 78.249 ug/l  
RT: 11.04 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion:164 Resp: 483770  
Ion Ratio Lower Upper  
164 100  
166 127.3 103.8 155.6  
129 89.1 72.2 108.2  
131 89.2 68.2 102.4

Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.85 (165.55 to 166.55): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

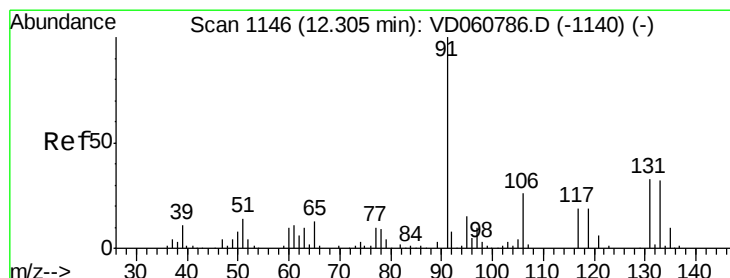
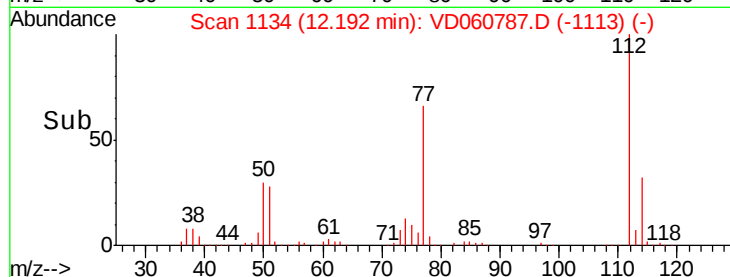
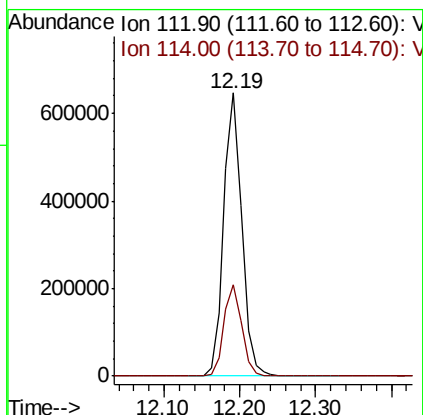
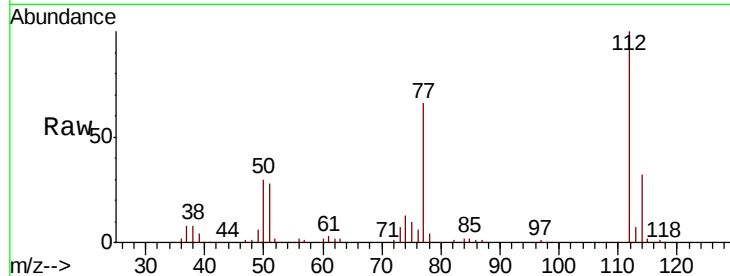




#65  
Chlorobenzene  
Concen: 76.105 ug/l  
RT: 12.19 min Scan# 1134  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

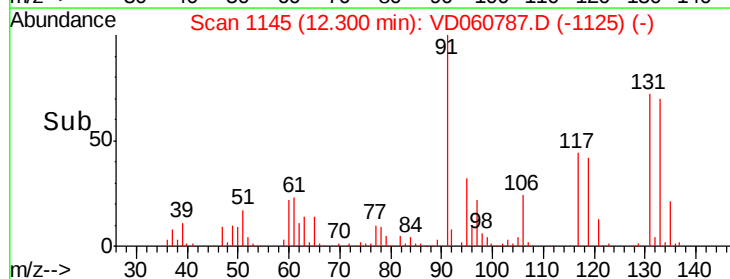
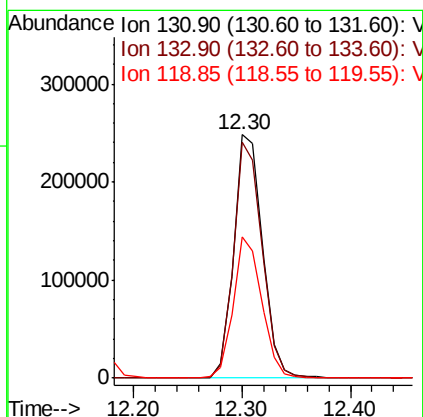
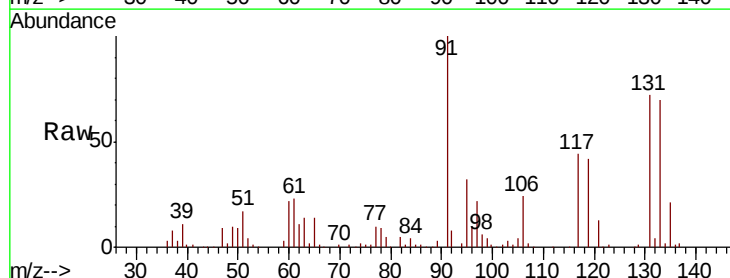
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

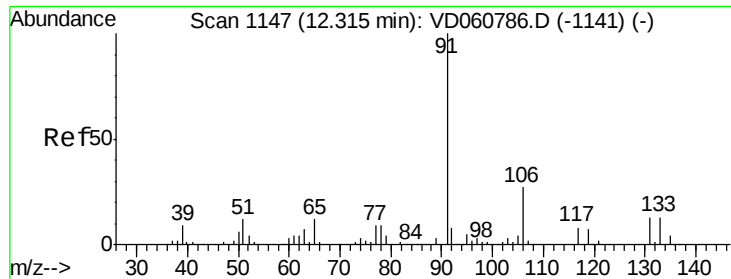
Tgt Ion:112 Resp: 1076808  
Ion Ratio Lower Upper  
112 100  
114 32.1 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 72.936 ug/l  
RT: 12.30 min Scan# 1145  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion:131 Resp: 459316  
Ion Ratio Lower Upper  
131 100  
133 97.0 48.3 144.8  
119 57.8 28.0 84.0

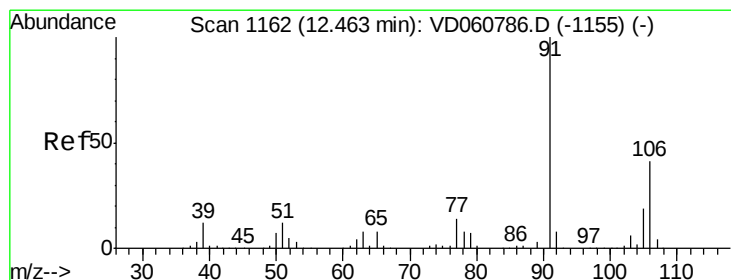
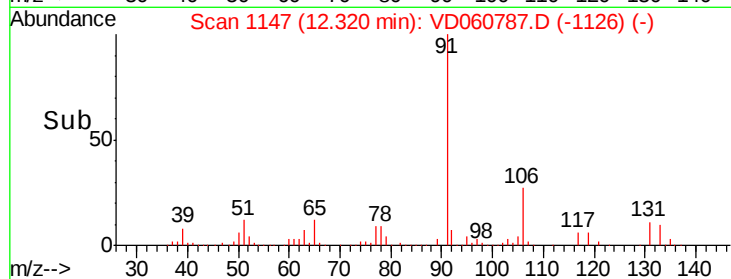
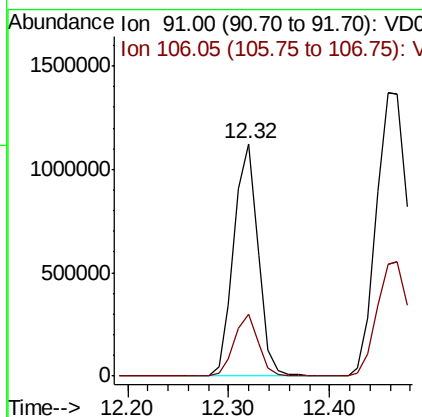
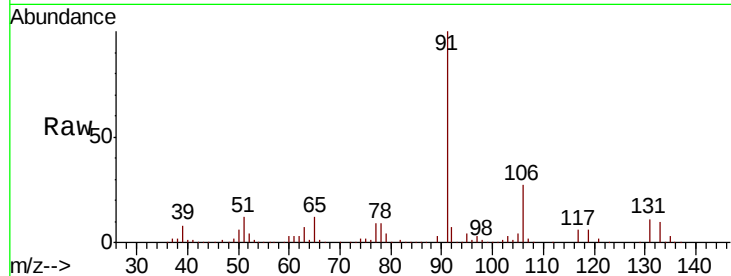




#67  
Ethyl Benzene  
Concen: 71.534 ug/l  
RT: 12.32 min Scan# 1147  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

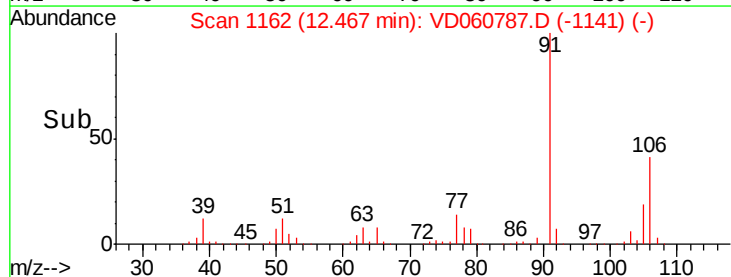
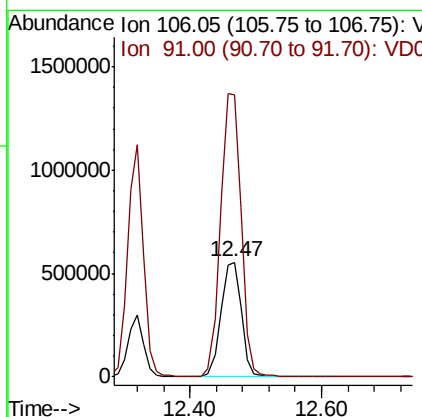
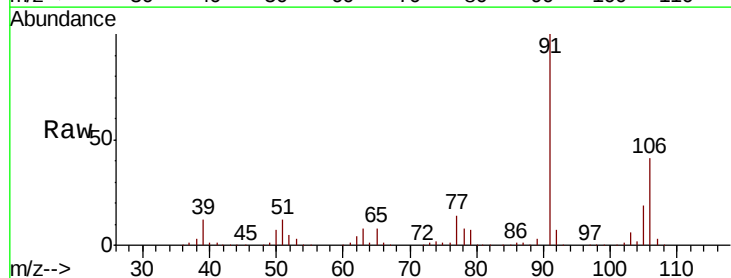
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

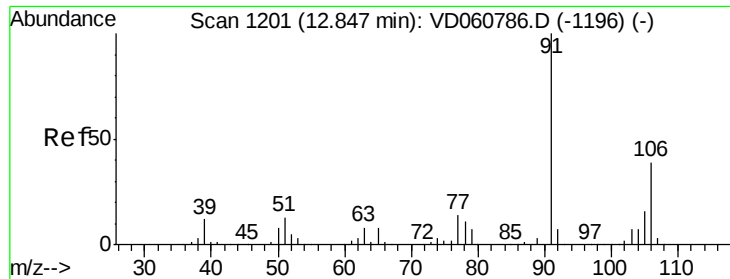
Tgt Ion: 91 Resp: 1885999  
Ion Ratio Lower Upper  
91 100  
106 26.6 21.4 32.2



#68  
m/p-Xylenes  
Concen: 138.298 ug/l  
RT: 12.47 min Scan# 1162  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion: 106 Resp: 1194928  
Ion Ratio Lower Upper  
106 100  
91 245.2 195.6 293.4

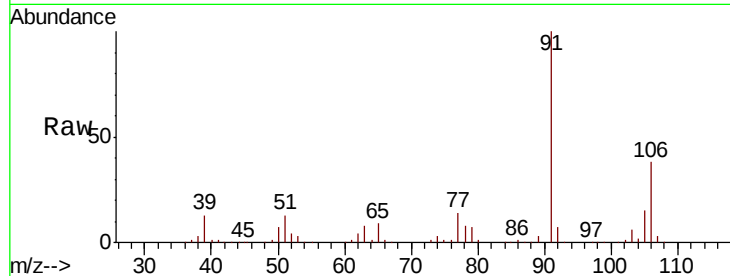




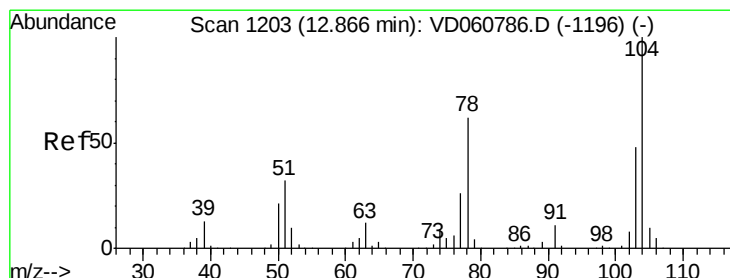
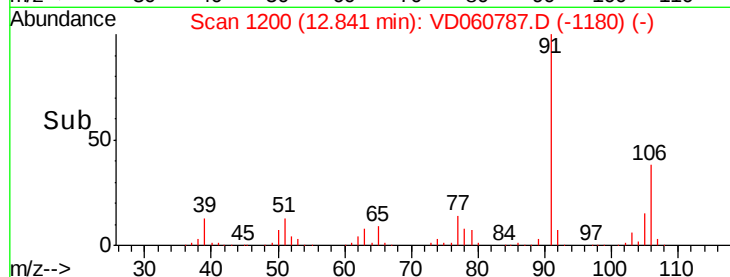
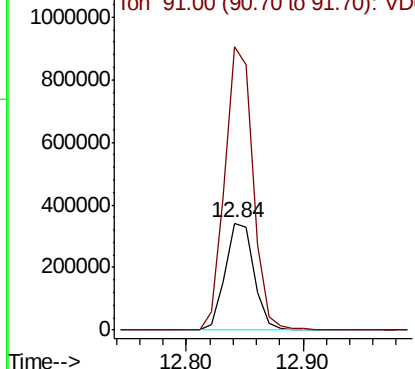
#69  
o-Xylene  
Concen: 72.572 ug/l  
RT: 12.84 min Scan# 1200  
Delta R.T. -0.01 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion:106 Resp: 588940  
Ion Ratio Lower Upper  
106 100  
91 263.7 127.2 381.5

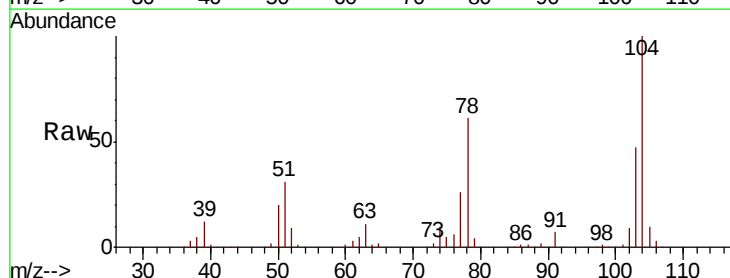


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

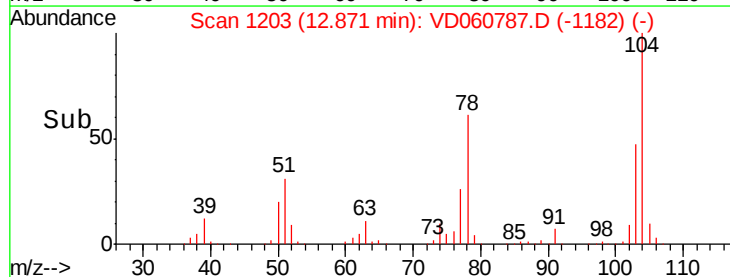
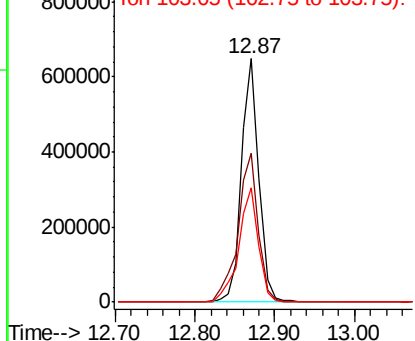


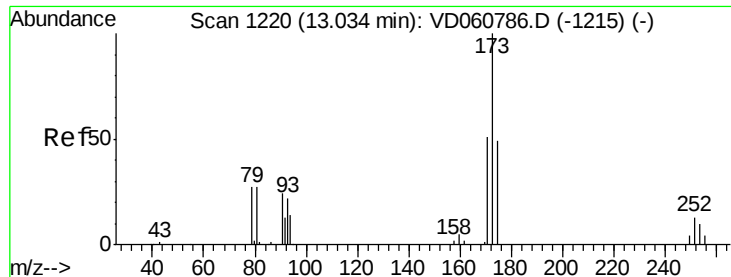
#70  
Styrene  
Concen: 68.509 ug/l  
RT: 12.87 min Scan# 1203  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion:104 Resp: 979131  
Ion Ratio Lower Upper  
104 100  
78 60.9 49.7 74.5  
103 46.8 38.2 57.2



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





#71

Bromoform

Concen: 82.850 ug/l

RT: 13.03 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

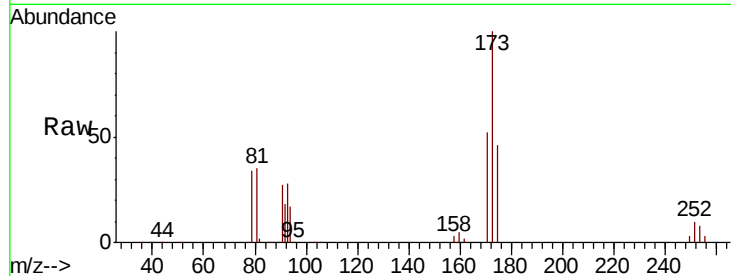
Tgt Ion:173 Resp: 385127

Ion Ratio Lower Upper

173 100

175 46.5 24.3 72.9

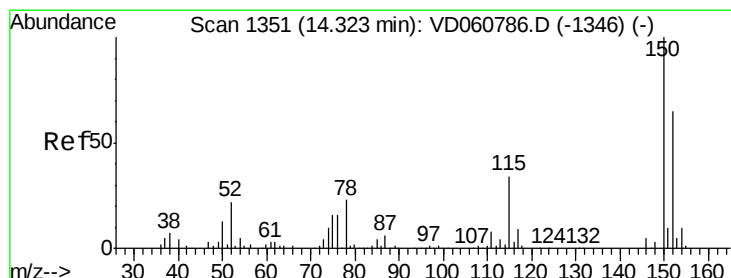
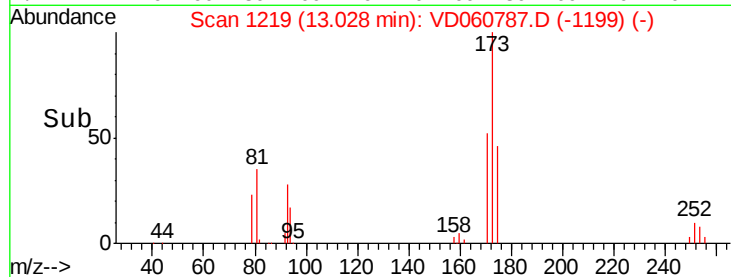
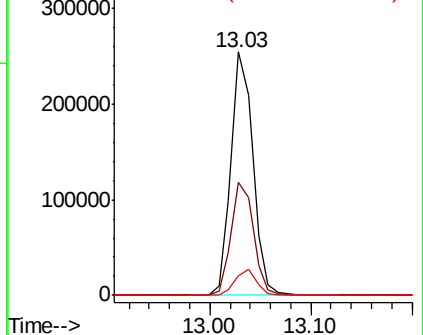
254 8.0 8.2 12.4#



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.32 min Scan# 1350

Delta R.T. -0.01 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

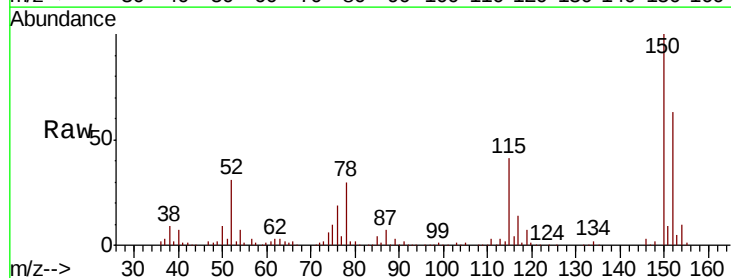
Tgt Ion:152 Resp: 354935

Ion Ratio Lower Upper

152 100

115 65.9 28.1 84.3

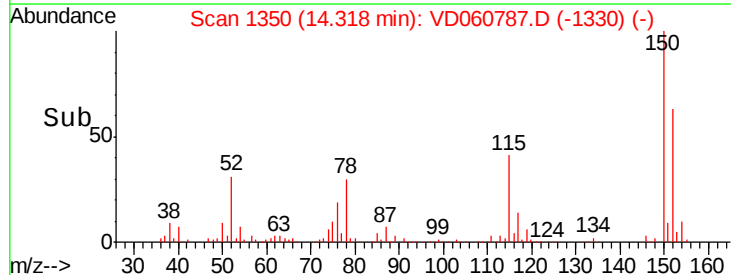
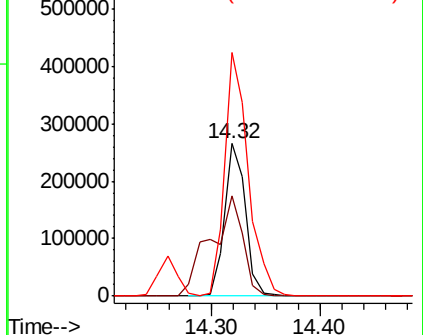
150 159.7 0.0 314.0

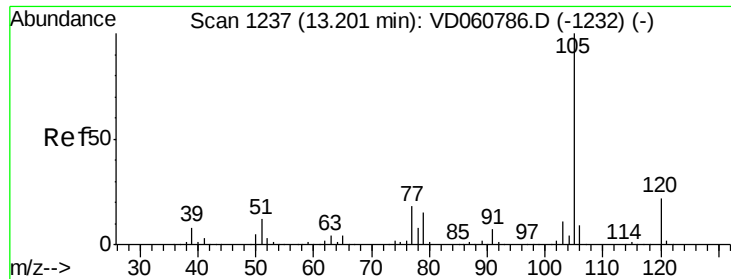


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 74.619 ug/l

RT: 13.21 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

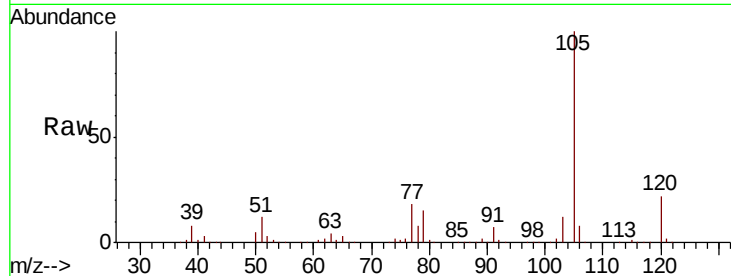
VSTDIC075

Tgt Ion:105 Resp: 1944937

Ion Ratio Lower Upper

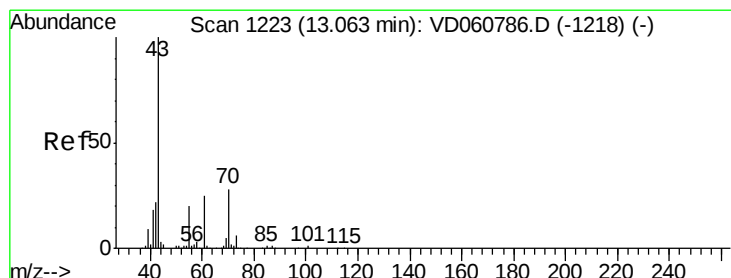
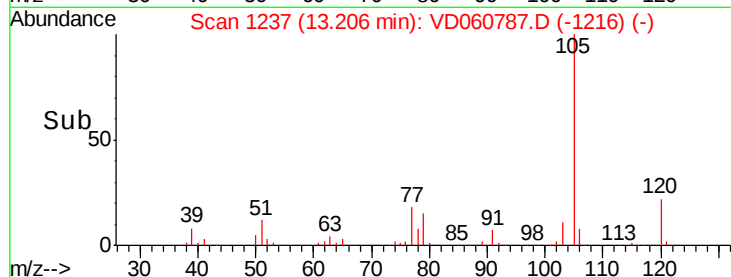
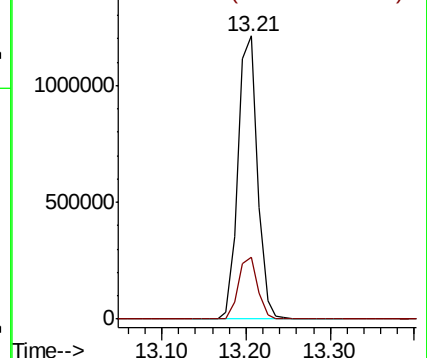
105 100

120 21.9 11.1 33.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 79.995 ug/l

RT: 13.07 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Tgt Ion: 43 Resp: 660514

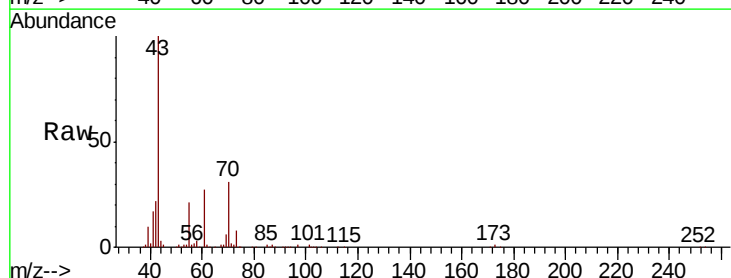
Ion Ratio Lower Upper

43 100

70 31.1 22.6 33.8

55 20.8 16.2 24.2

61 26.7 20.4 30.6

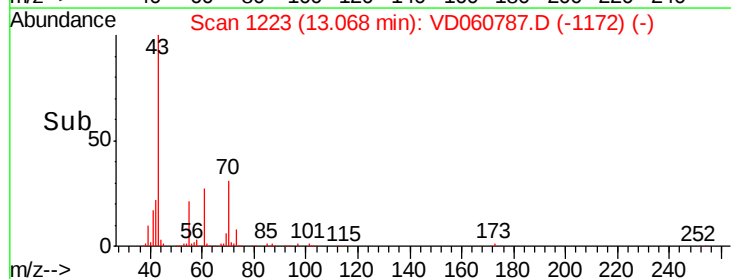
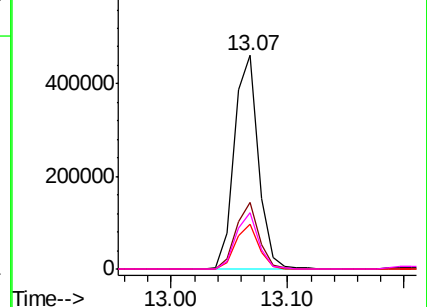


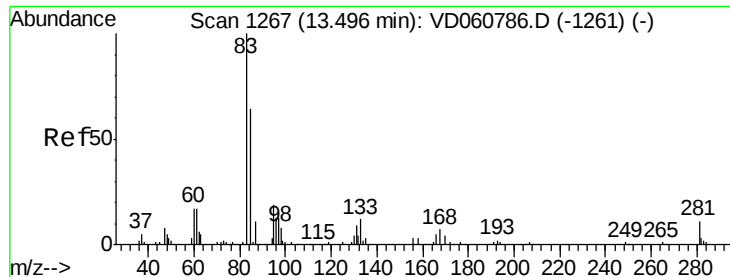
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 80.239 ug/l

RT: 13.50 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

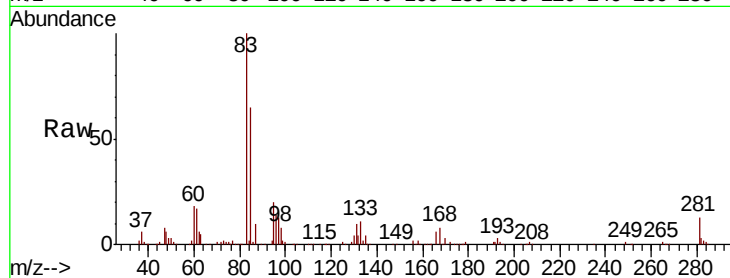
Tgt Ion: 83 Resp: 388599

Ion Ratio Lower Upper

83 100

131 10.3 4.5 13.5

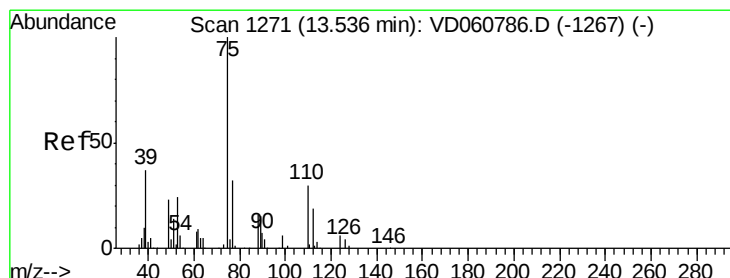
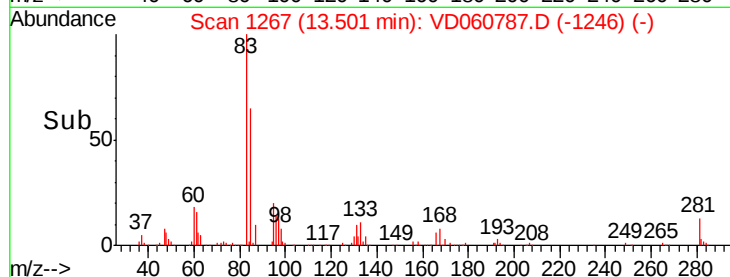
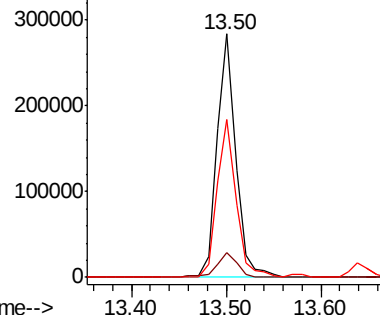
85 65.0 32.2 96.6



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 80.443 ug/l

RT: 13.53 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD060787.D

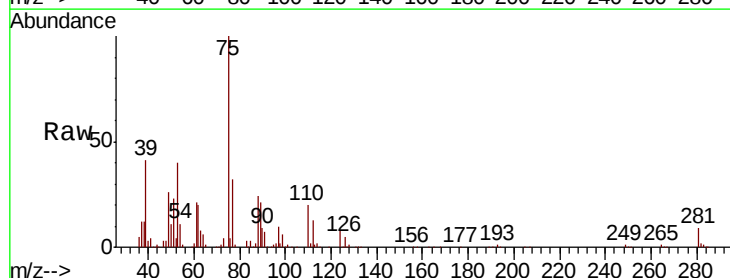
Acq: 23 Jan 2019 17:34

Tgt Ion: 75 Resp: 473484

Ion Ratio Lower Upper

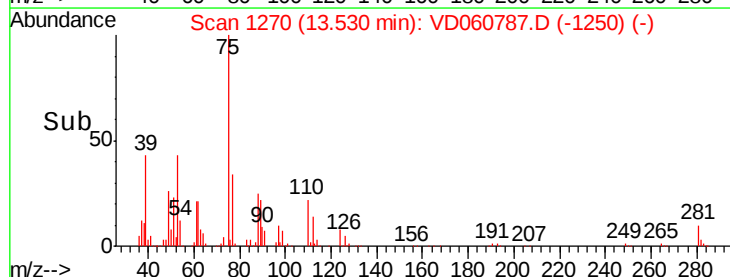
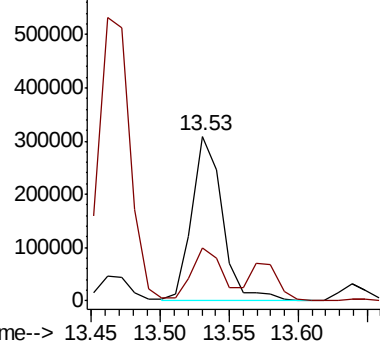
75 100

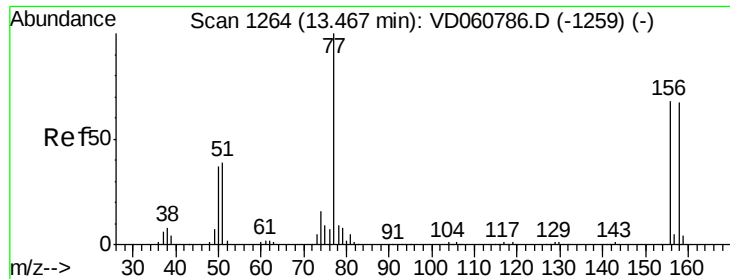
77 31.8 17.5 52.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 77.258 ug/l

RT: 13.47 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

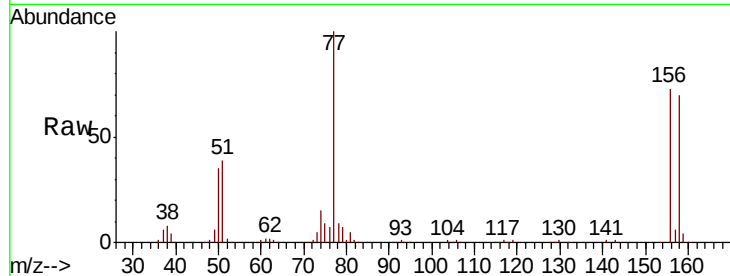
Tgt Ion:156 Resp: 544619

Ion Ratio Lower Upper

156 100

77 137.6 74.0 222.0

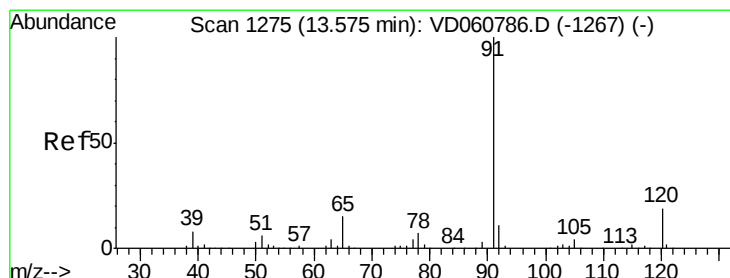
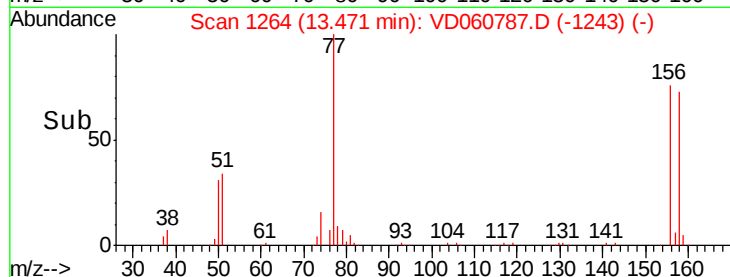
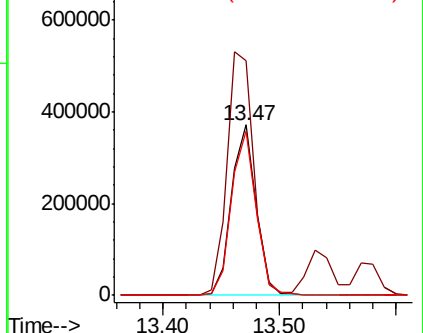
158 96.4 49.8 149.3



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 70.077 ug/l

RT: 13.57 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VD060787.D

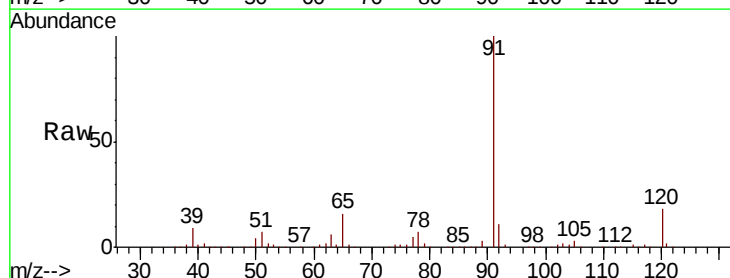
Acq: 23 Jan 2019 17:34

Tgt Ion: 91 Resp: 2289098

Ion Ratio Lower Upper

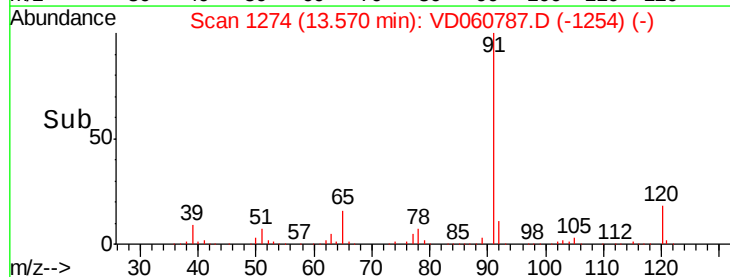
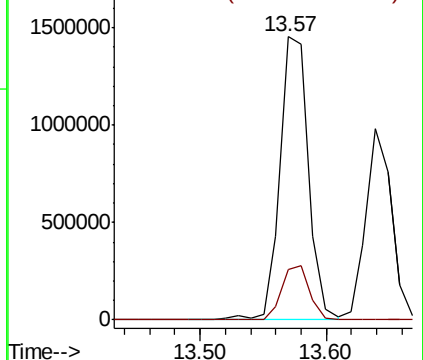
91 100

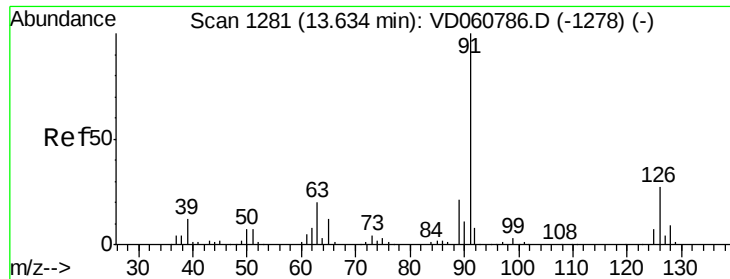
120 17.6 9.7 28.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

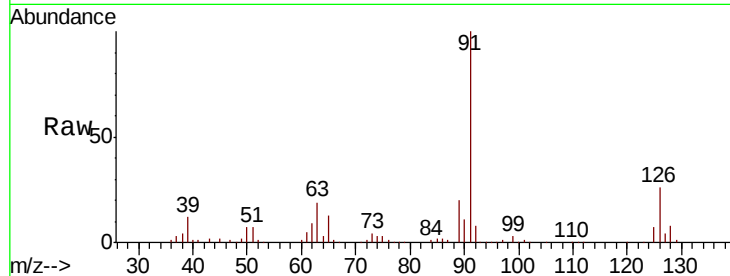




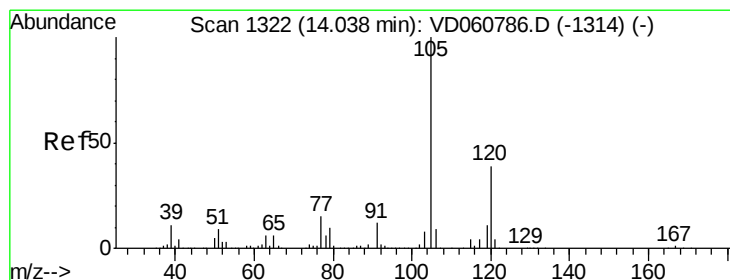
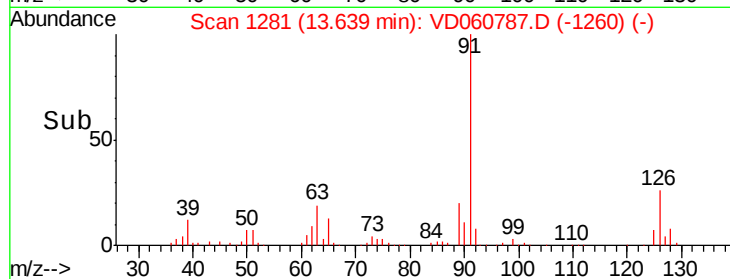
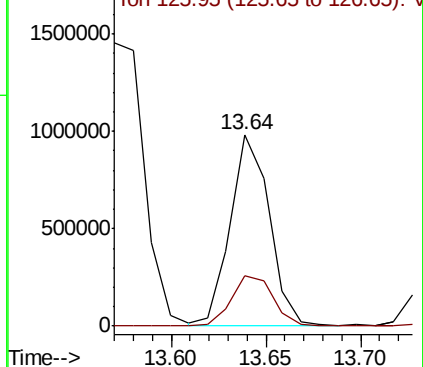
#79  
 2-Chlorotoluene  
 Concen: 73.872 ug/l  
 RT: 13.64 min Scan# 1281  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Tgt Ion: 91 Resp: 1399732  
 Ion Ratio Lower Upper  
 91 100  
 126 26.2 13.4 40.1

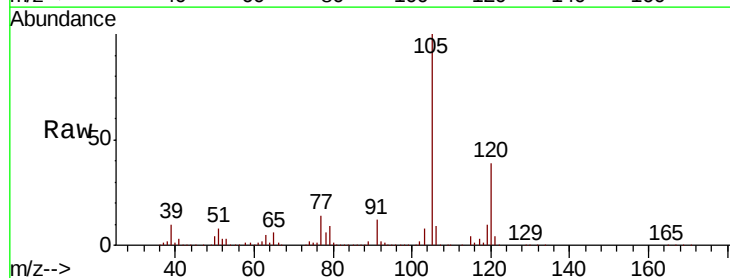


Abundance Ion 91.00 (90.70 to 91.70): VD060787.D (-1278) (-)  
 Ion 125.95 (125.65 to 126.65): VD060787.D (-1278) (-)

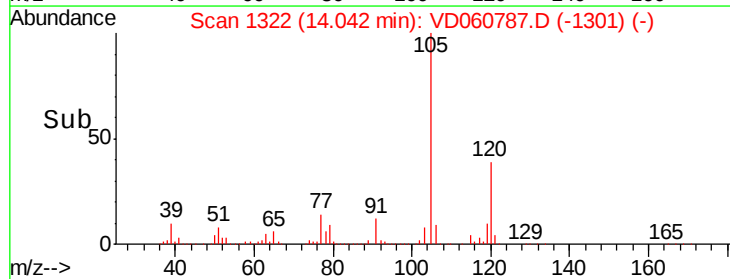
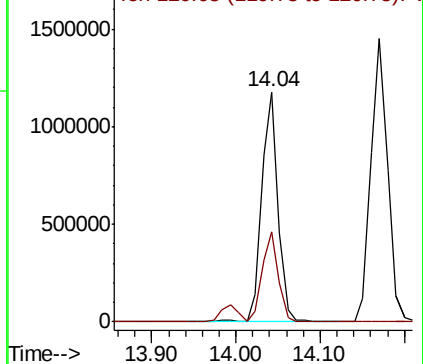


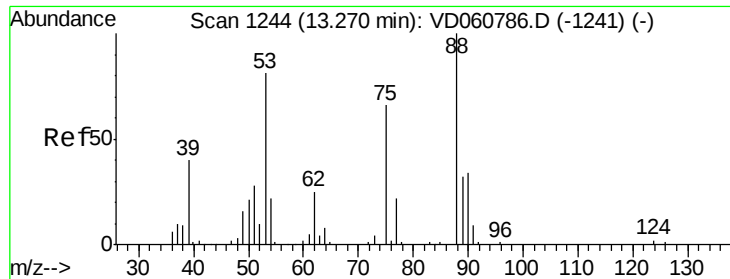
#80  
 1,3,5-Trimethylbenzene  
 Concen: 72.229 ug/l  
 RT: 14.04 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

Tgt Ion: 105 Resp: 1611600  
 Ion Ratio Lower Upper  
 105 100  
 120 39.2 19.5 58.5



Abundance Ion 105.05 (104.75 to 105.75): VD060787.D (-1301) (-)  
 Ion 120.05 (119.75 to 120.75): VD060787.D (-1301) (-)

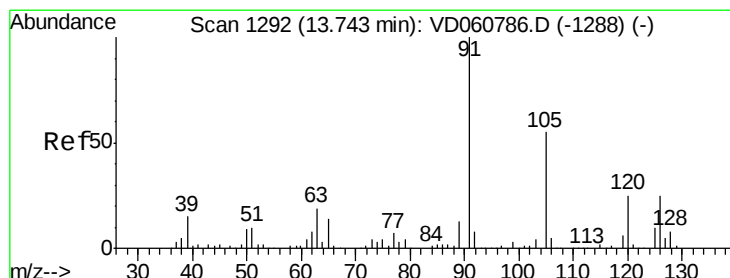
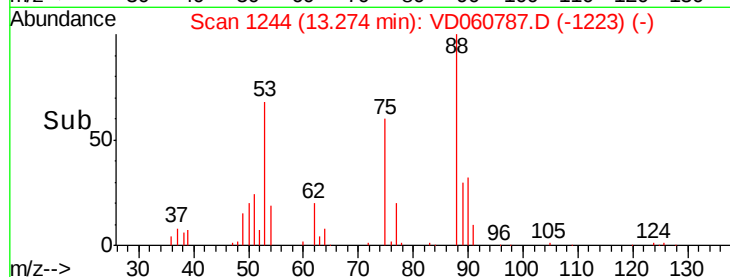
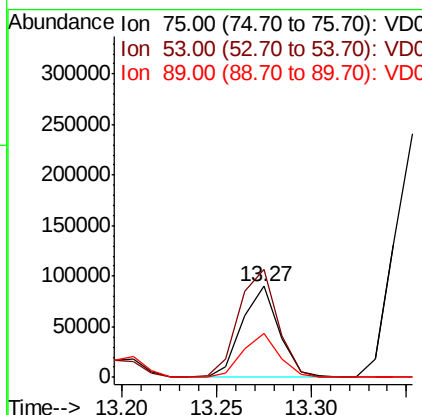
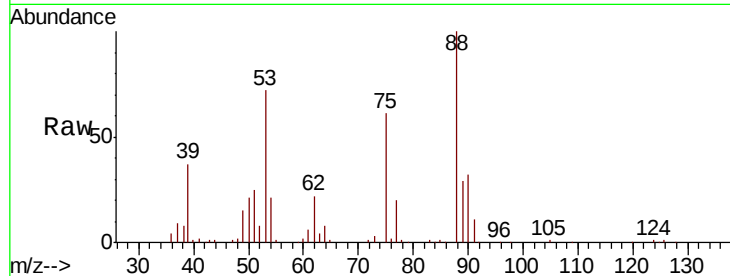




#81  
trans-1,4-Dichloro-2-butene  
Concen: 76.041 ug/l  
RT: 13.27 min Scan# 1244  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

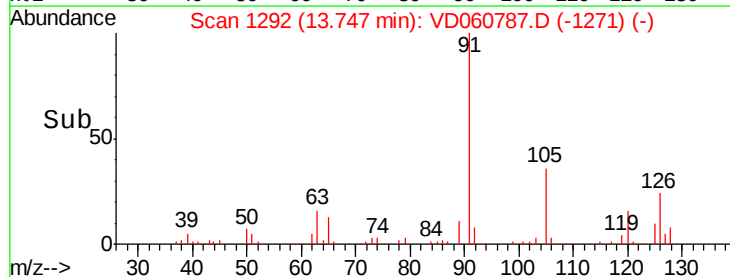
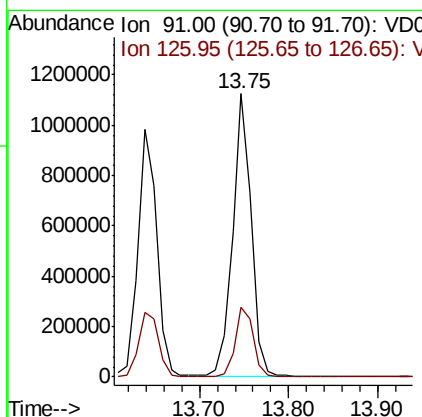
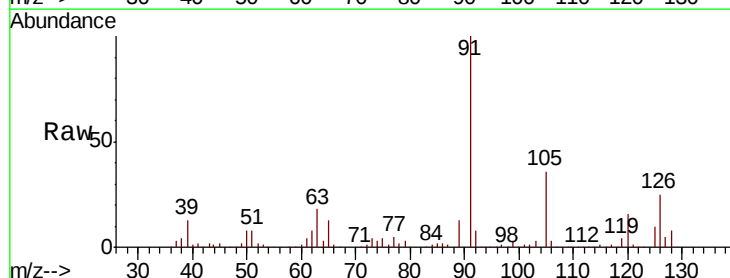
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

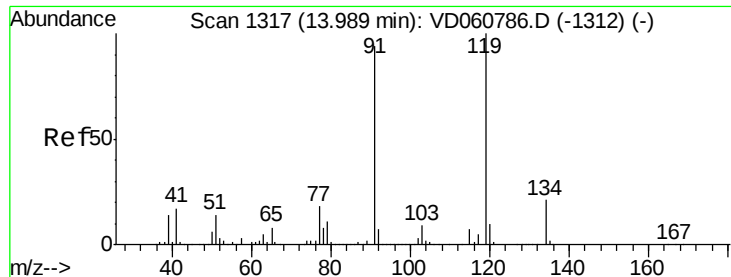
Tgt Ion: 75 Resp: 123607  
Ion Ratio Lower Upper  
75 100  
53 119.0 99.0 148.6  
89 48.5 39.5 59.3



#82  
4-Chlorotoluene  
Concen: 75.411 ug/l  
RT: 13.75 min Scan# 1292  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion: 91 Resp: 1654756  
Ion Ratio Lower Upper  
91 100  
126 24.6 12.5 37.5

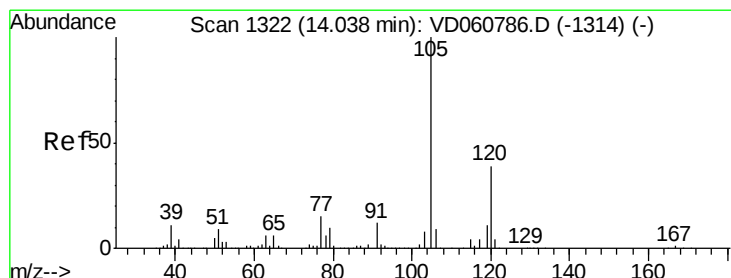
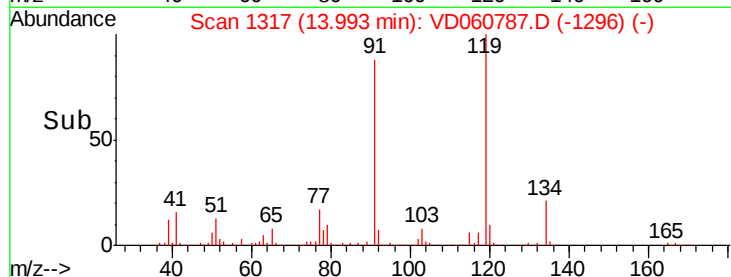
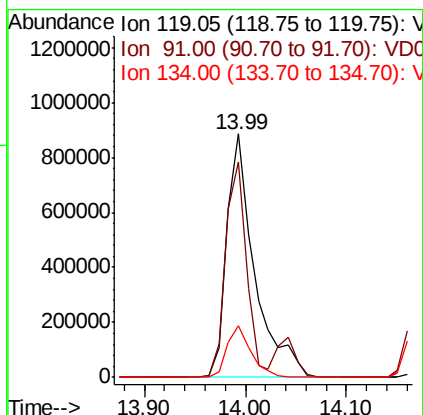
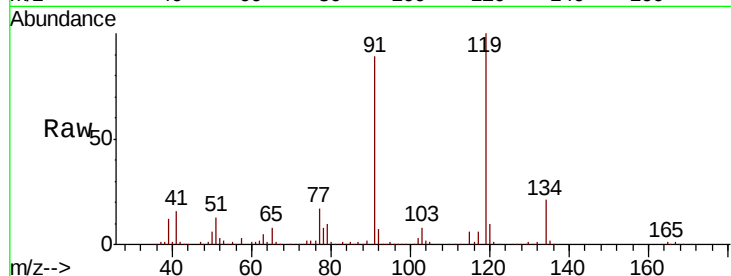




#83  
 tert-Butylbenzene  
 Concen: 73.881 ug/l  
 RT: 13.99 min Scan# 1317  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

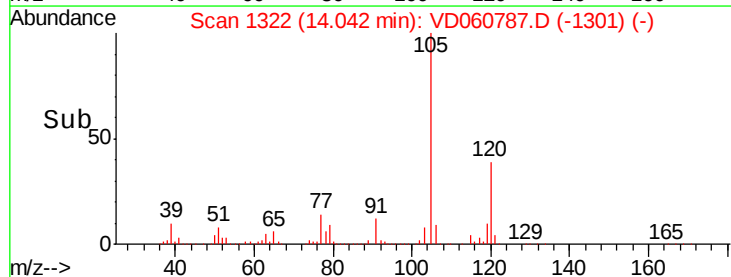
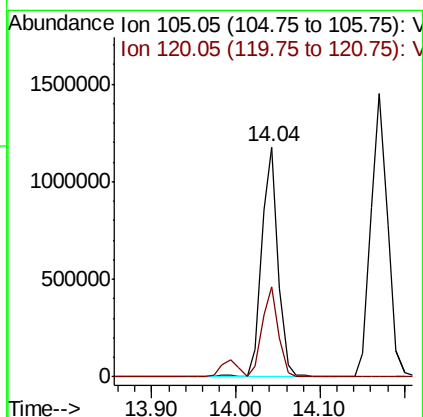
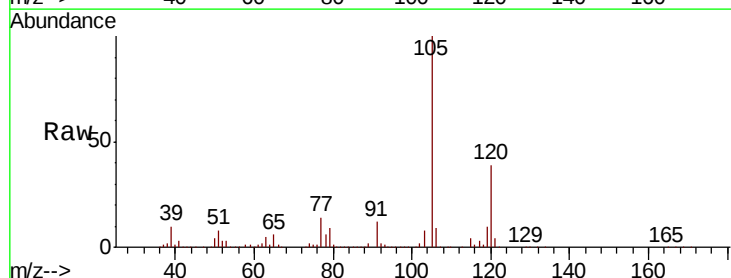
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

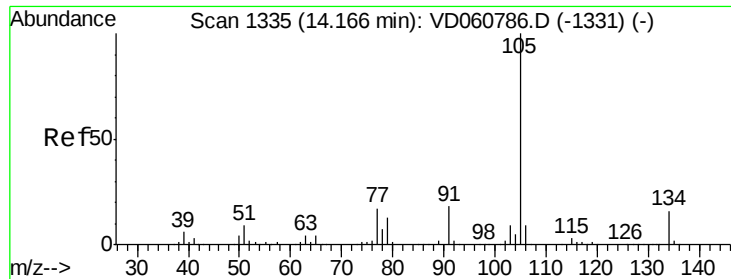
Tgt Ion:119 Resp: 1695730  
 Ion Ratio Lower Upper  
 119 100  
 91 88.7 46.9 140.7  
 134 21.1 10.3 30.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 72.229 ug/l  
 RT: 14.04 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

Tgt Ion:105 Resp: 1611600  
 Ion Ratio Lower Upper  
 105 100  
 120 39.2 19.5 58.5

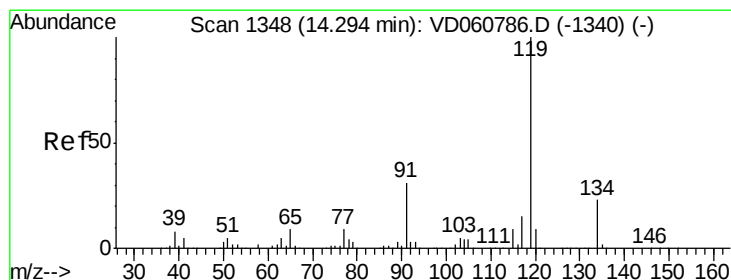
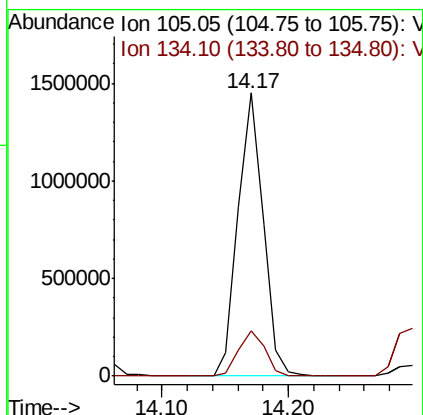
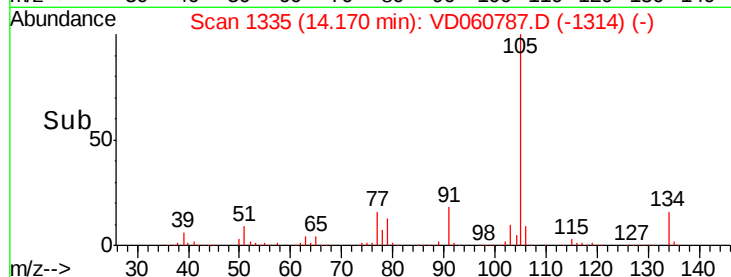
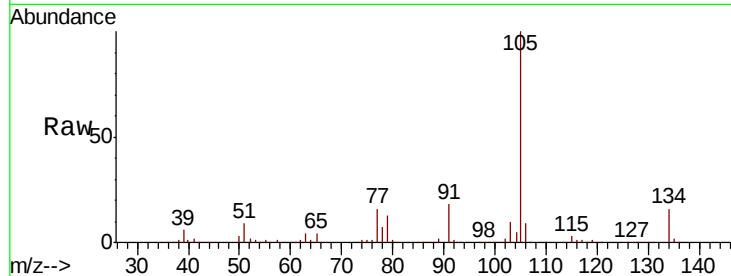




#85  
 sec-Butylbenzene  
 Concen: 71.248 ug/l  
 RT: 14.17 min Scan# 1335  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

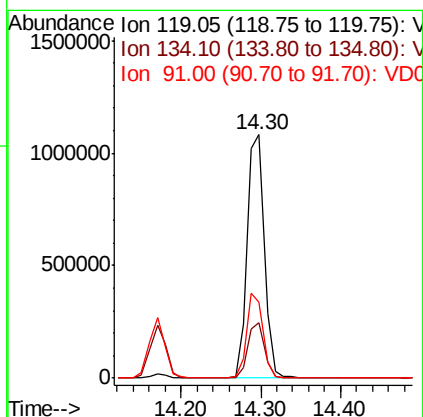
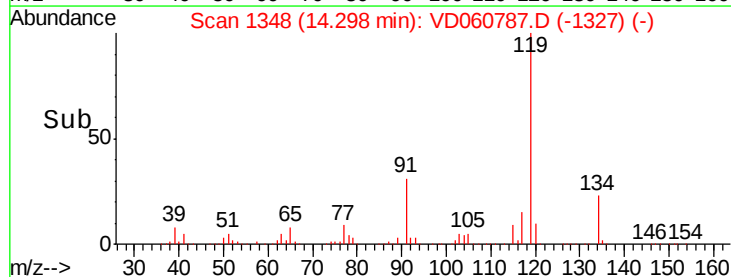
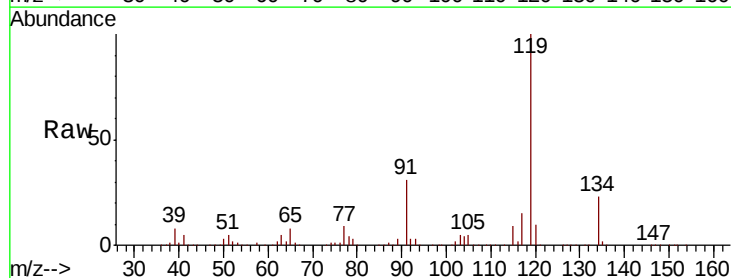
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

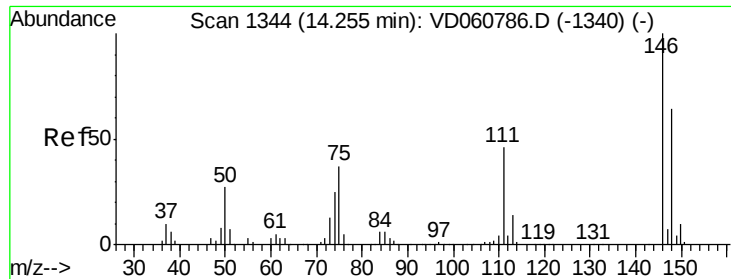
Tgt Ion:105 Resp: 1991732  
 Ion Ratio Lower Upper  
 105 100  
 134 16.2 8.1 24.1



#86  
 p-Isopropyltoluene  
 Concen: 68.918 ug/l  
 RT: 14.30 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

Tgt Ion:119 Resp: 1585239  
 Ion Ratio Lower Upper  
 119 100  
 134 22.7 11.4 34.2  
 91 30.9 15.8 47.4

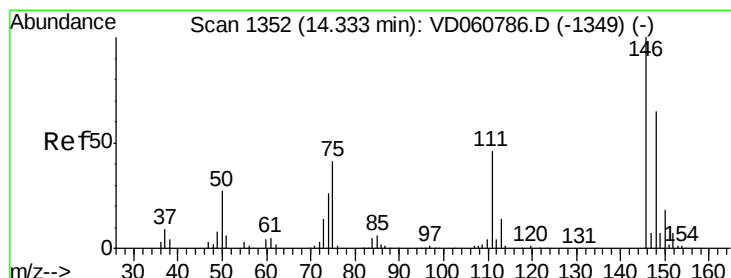
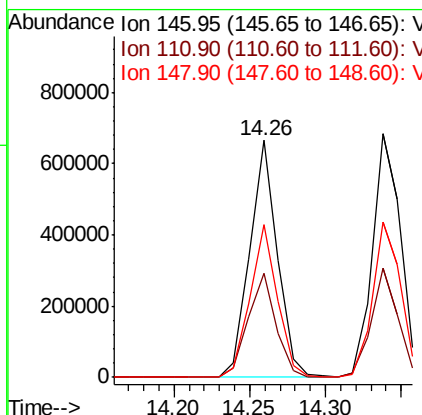
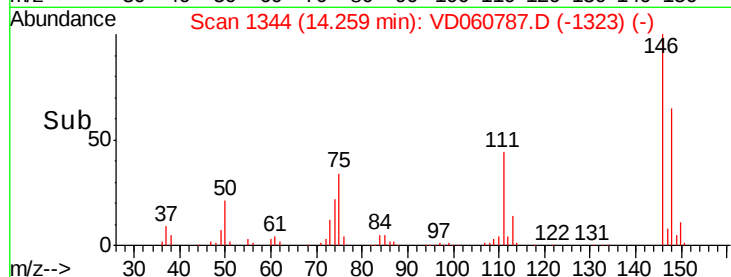
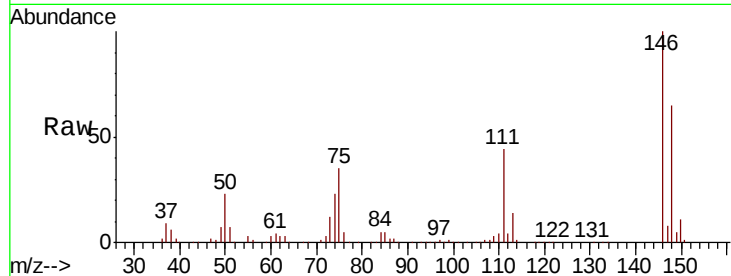




#87  
 1,3-Dichlorobenzene  
 Concen: 72.124 ug/l  
 RT: 14.26 min Scan# 1344  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

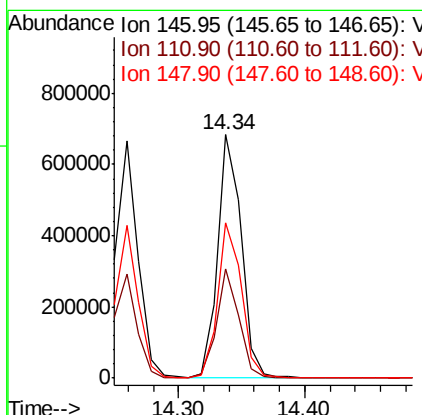
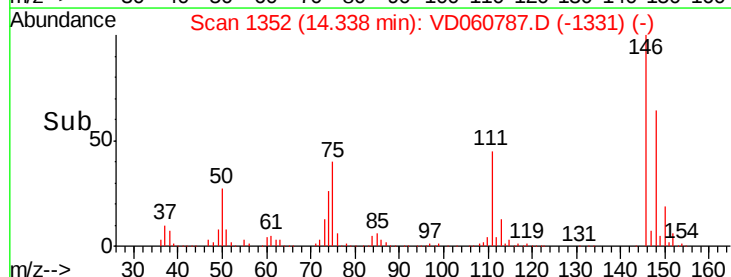
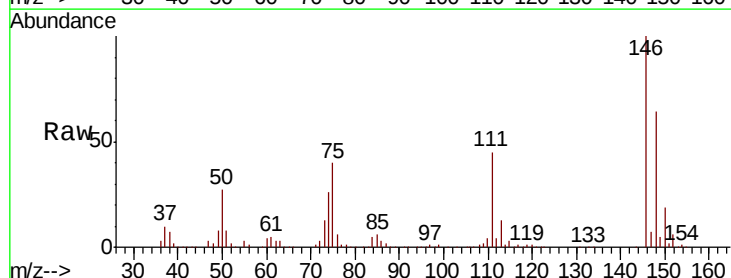
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

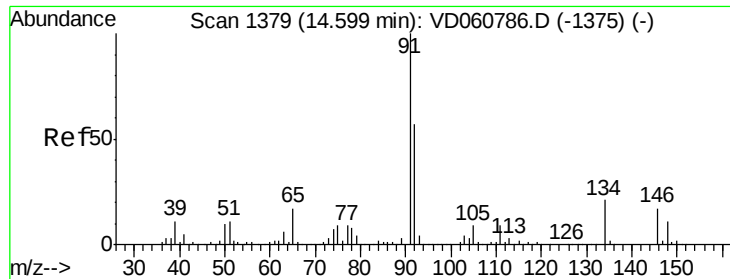
Tgt Ion:146 Resp: 844993  
 Ion Ratio Lower Upper  
 146 100  
 111 44.0 22.9 68.5  
 148 64.7 31.9 95.5



#88  
 1,4-Dichlorobenzene  
 Concen: 74.055 ug/l  
 RT: 14.34 min Scan# 1352  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

Tgt Ion:146 Resp: 888137  
 Ion Ratio Lower Upper  
 146 100  
 111 45.1 23.0 69.0  
 148 64.0 32.3 96.9





#89

n-Butylbenzene

Concen: 67.369 ug/l

RT: 14.60 min Scan# 1379

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

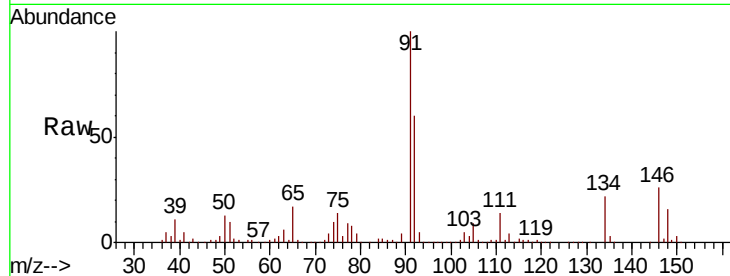
Tgt Ion: 91 Resp: 1456894

Ion Ratio Lower Upper

91 100

92 60.5 28.6 85.9

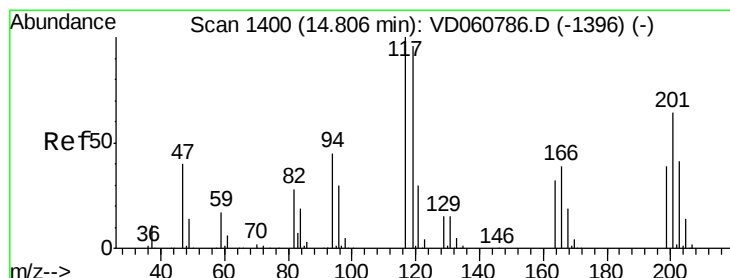
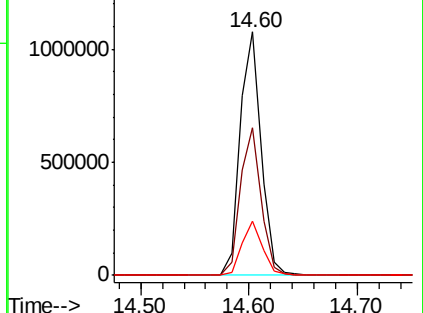
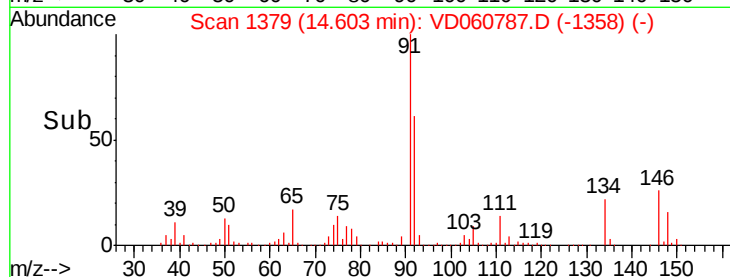
134 22.3 10.4 31.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 72.066 ug/l

RT: 14.81 min Scan# 1400

Delta R.T. 0.00 min

Lab File: VD060787.D

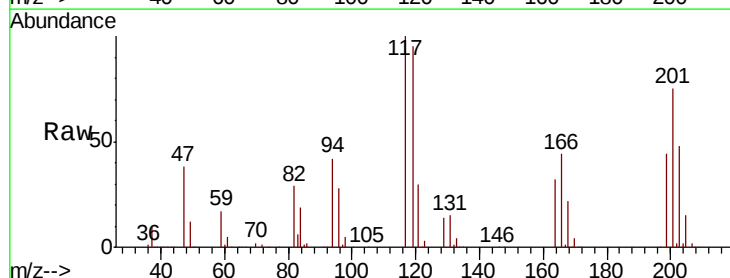
Acq: 23 Jan 2019 17:34

Tgt Ion: 117 Resp: 487061

Ion Ratio Lower Upper

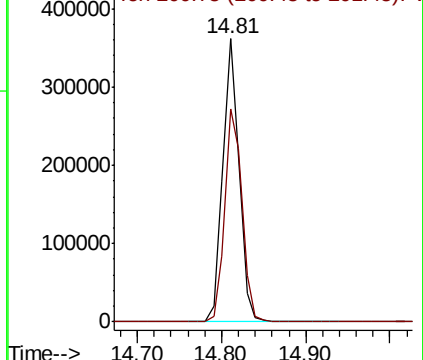
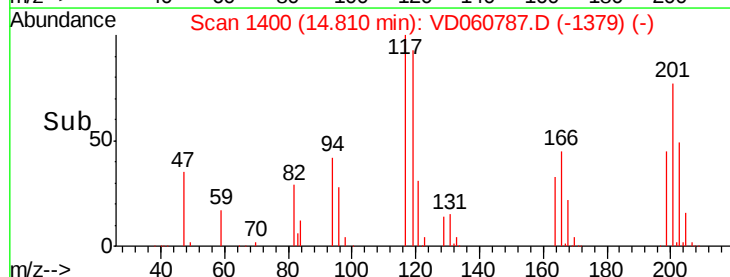
117 100

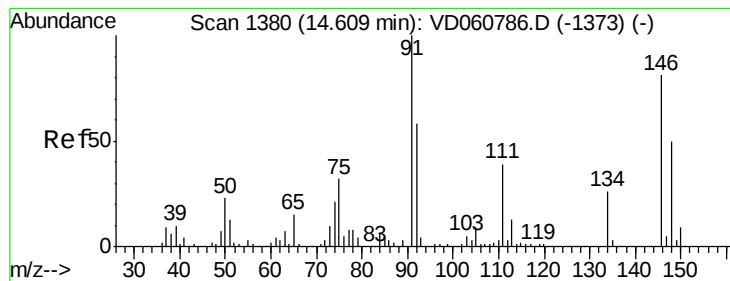
201 75.5 32.1 96.5



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V





#91

1,2-Dichlorobenzene

Concen: 66.569 ug/l

RT: 14.61 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

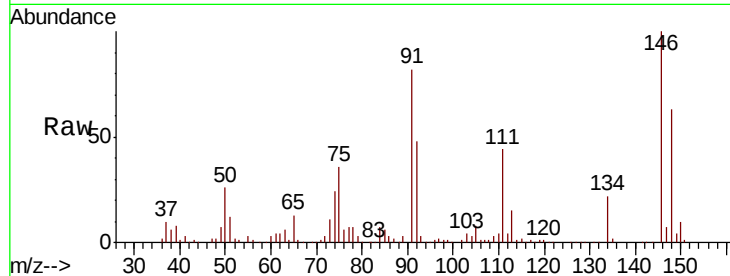
Tgt Ion:146 Resp: 644798

Ion Ratio Lower Upper

146 100

111 44.3 23.8 71.2

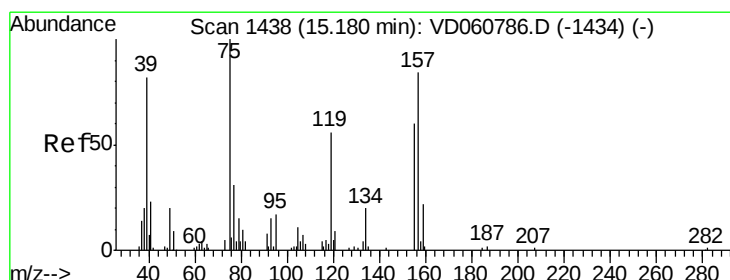
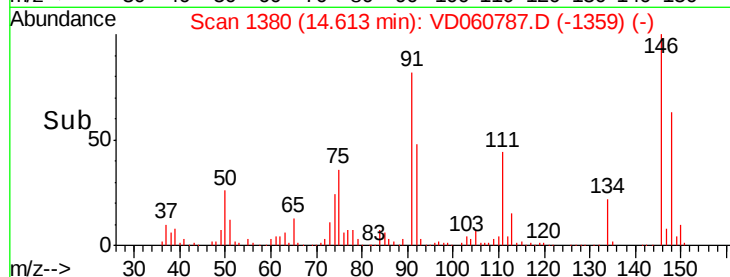
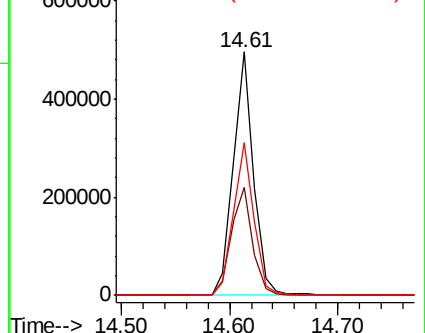
148 62.7 30.6 92.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 77.776 ug/l

RT: 15.18 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VD060787.D

Acq: 23 Jan 2019 17:34

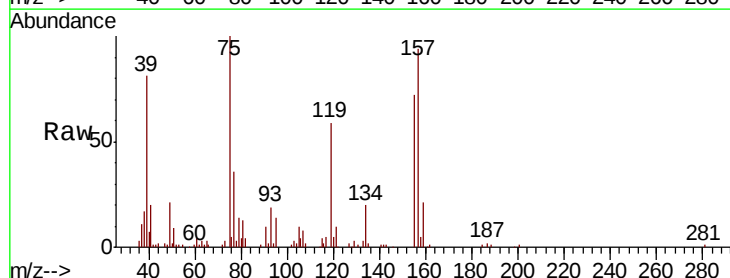
Tgt Ion: 75 Resp: 92113

Ion Ratio Lower Upper

75 100

155 72.5 30.0 90.0

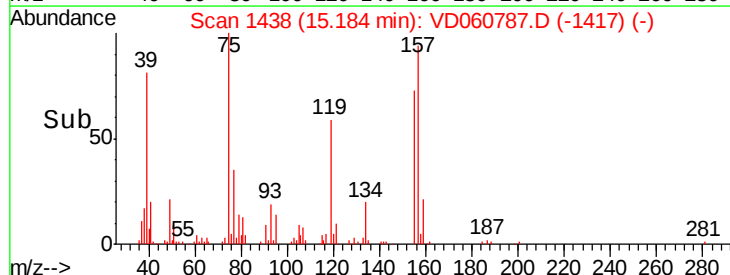
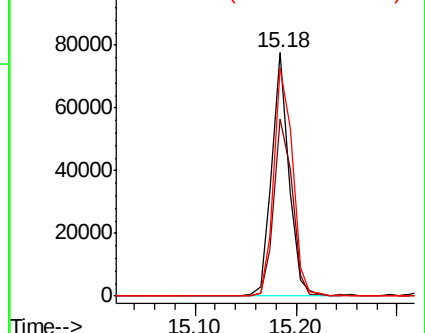
157 93.7 42.1 126.3

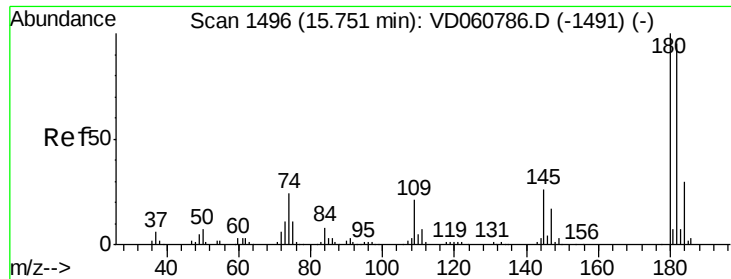


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

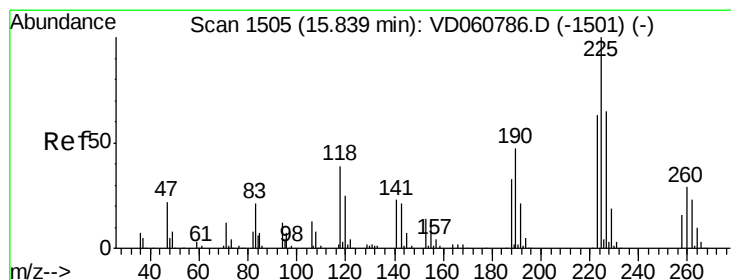
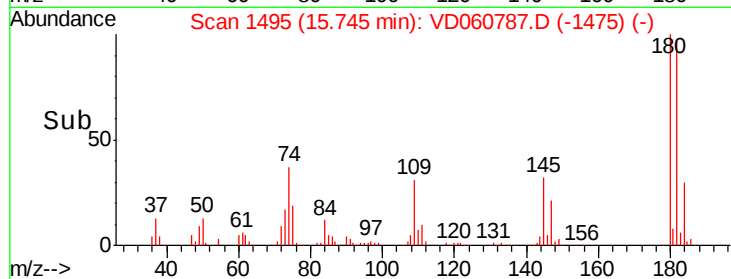
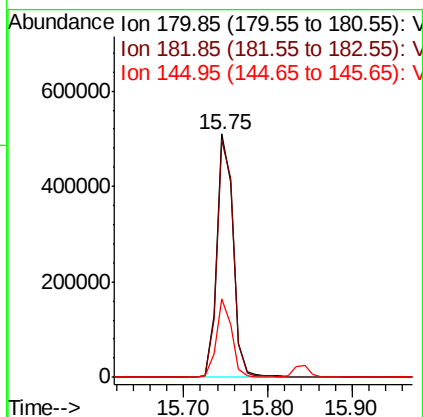
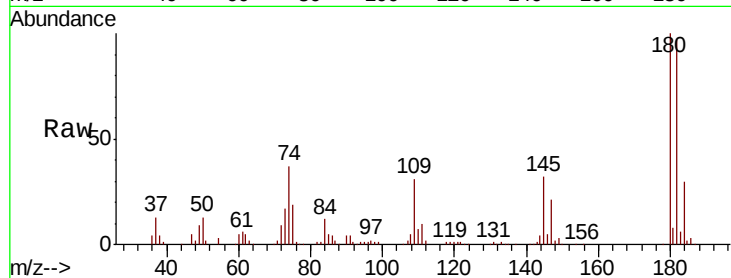




#93  
 1,2,4-Trichlorobenzene  
 Concen: 77.633 ug/l  
 RT: 15.75 min Scan# 1495  
 Delta R.T. -0.01 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

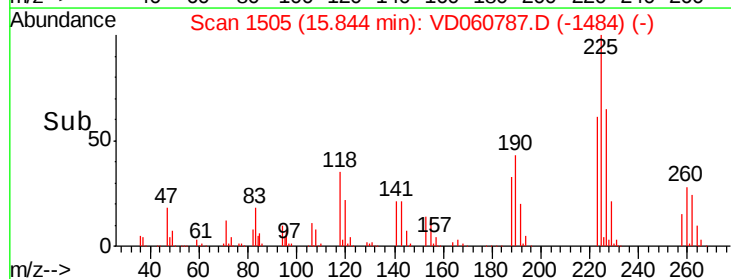
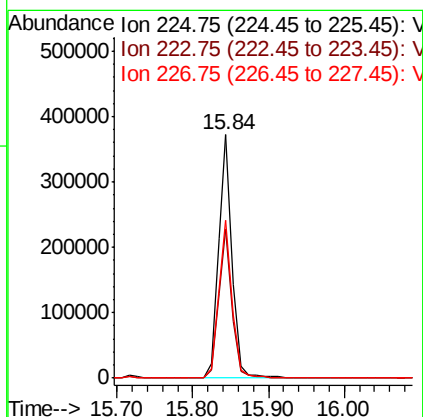
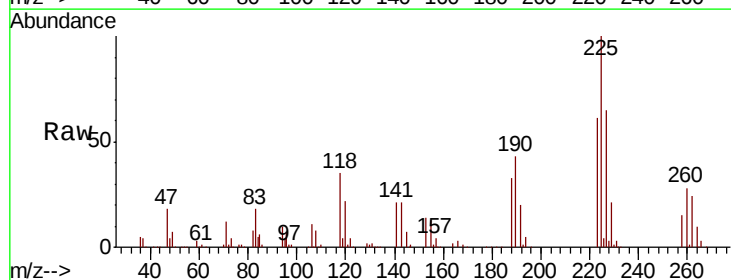
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

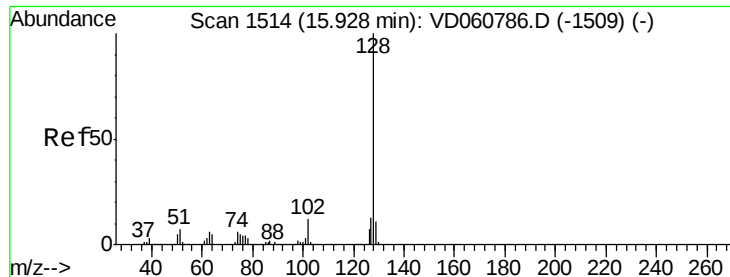
Tgt Ion:180 Resp: 683819  
 Ion Ratio Lower Upper  
 180 100  
 182 97.4 47.3 142.0  
 145 32.3 13.0 39.0



#94  
 Hexachlorobutadiene  
 Concen: 70.433 ug/l  
 RT: 15.84 min Scan# 1505  
 Delta R.T. 0.00 min  
 Lab File: VD060787.D  
 Acq: 23 Jan 2019 17:34

Tgt Ion:225 Resp: 468715  
 Ion Ratio Lower Upper  
 225 100  
 223 61.3 31.6 94.8  
 227 64.7 32.6 97.7

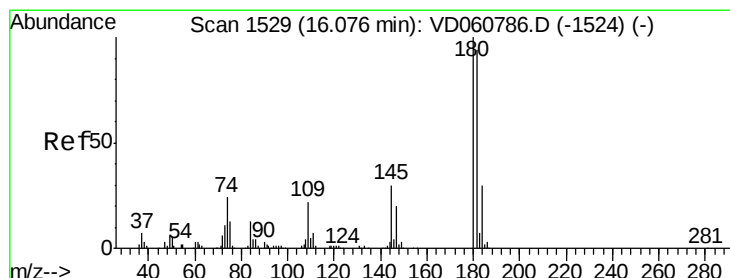
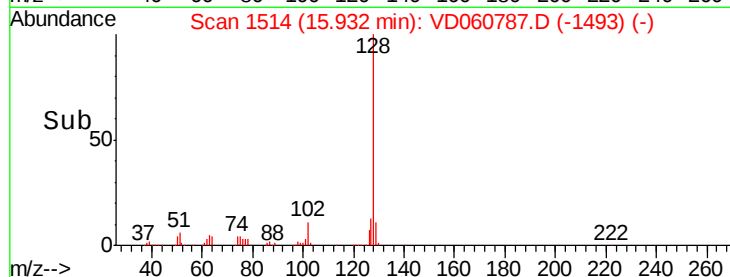
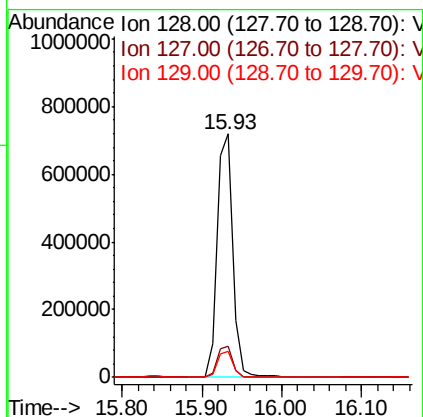
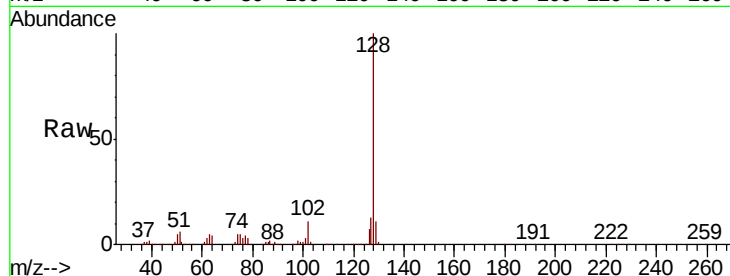




#95  
Naphthalene  
Concen: 74.853 ug/l  
RT: 15.93 min Scan# 1514  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion:128 Resp: 1004886  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.4 15.6  
129 10.6 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 78.705 ug/l  
RT: 16.08 min Scan# 1529  
Delta R.T. 0.00 min  
Lab File: VD060787.D  
Acq: 23 Jan 2019 17:34

Tgt Ion:180 Resp: 593323  
Ion Ratio Lower Upper  
180 100  
182 98.5 47.0 141.0  
145 30.6 14.9 44.5

