

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\  
 Data File : VD063258.D  
 Acq On : 31 Jul 2019 1:05  
 Operator : VA/AP  
 Sample : VD0730SBS02  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0730SBS02

Quant Time: Jul 31 04:59:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072919S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 30 03:04:50 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.03  | 168  | 961077   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.21  | 114  | 1360672  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 1104762  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 621182   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.44  | 65   | 574191   | 53.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.68% |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 640841   | 55.16 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 110.32% |          |
| 50) Toluene-d8              | 10.40 | 98   | 1412575  | 54.33 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.66% |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 600649   | 50.70 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.40% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85   | 227313   | 19.349  | ug/l   | 96     |
| 3) Chloromethane              | 1.74 | 50   | 193778   | 21.230  | ug/l   | 93     |
| 4) Vinyl Chloride             | 1.84 | 62   | 184892   | 19.568  | ug/l   | 96     |
| 5) Bromomethane               | 2.14 | 94   | 87723    | 18.408  | ug/l   | 93     |
| 6) Chloroethane               | 2.25 | 64   | 83996    | 19.254  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 2.52 | 101  | 337718   | 18.423  | ug/l   | 97     |
| 8) Diethyl Ether              | 2.86 | 74   | 52954    | 20.641  | ug/l   | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101  | 194866   | 19.191  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.28 | 142  | 298473   | 20.347  | ug/l   | 96     |
| 11) Tert butyl alcohol        | 4.07 | 59   | 52747    | 112.709 | ug/l # | 93     |
| 12) 1,1-Dichloroethene        | 3.11 | 96   | 151404   | 20.311  | ug/l   | 86     |
| 13) Acrolein                  | 3.02 | 56   | 42850    | 95.138  | ug/l   | 92     |
| 14) Allyl chloride            | 3.60 | 41   | 234236   | 19.725  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.19 | 53   | 144915   | 119.438 | ug/l   | 90     |
| 16) Acetone                   | 3.23 | 43   | 198802   | 95.680  | ug/l   | 96     |
| 17) Carbon Disulfide          | 3.35 | 76   | 485343   | 19.452  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.64 | 43   | 101627   | 25.464  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 4.22 | 73   | 380255   | 22.582  | ug/l   | 96     |
| 20) Methylene Chloride        | 3.80 | 84   | 181599   | 21.622  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 4.20 | 96   | 171801   | 20.540  | ug/l   | 96     |
| 22) Diisopropyl ether         | 5.12 | 45   | 508139   | 21.417  | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.04 | 43   | 1551367  | 106.374 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 4.97 | 63   | 317595   | 20.957  | ug/l   | 95     |
| 25) 2-Butanone                | 6.07 | 43   | 233650   | 112.050 | ug/l   | 92     |
| 26) 2,2-Dichloropropane       | 6.01 | 77   | 276857   | 17.727  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.02 | 96   | 191150   | 21.316  | ug/l   | 95     |
| 28) Bromochloromethane        | 6.43 | 49   | 132983   | 22.024  | ug/l # | 98     |
| 29) Tetrahydrofuran           | 6.45 | 42   | 113708   | 115.177 | ug/l   | 98     |
| 30) Chloroform                | 6.65 | 83   | 409519   | 21.775  | ug/l   | 91     |
| 31) Cyclohexane               | 6.94 | 56   | 178434   | 18.784  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97   | 374986   | 20.613  | ug/l   | 94     |
| 36) 1,1-Dichloropropene       | 7.13 | 75   | 236370   | 19.035  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.17 | 43   | 130075   | 23.316  | ug/l # | 93     |
| 38) Carbon Tetrachloride      | 7.09 | 117  | 340895   | 18.235  | ug/l   | 96     |

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 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0730SBS02

Quant Time: Jul 31 04:59:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072919S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 30 03:04:50 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.85  | 83   | 191978   | 18.556  | ug/l   | 94       |
| 40) Benzene                    | 7.44  | 78   | 532412   | 20.457  | ug/l   | 95       |
| 41) Methacrylonitrile          | 6.45  | 41   | 141250   | 21.166  | ug/l # | 99       |
| 42) 1,2-Dichloroethane         | 7.57  | 62   | 303489   | 22.003  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 9.23  | 43   | 149941   | 21.040  | ug/l # | 99       |
| 44) Trichloroethene            | 8.53  | 130  | 190002   | 18.017  | ug/l   | 90       |
| 45) 1,2-Dichloropropane        | 8.92  | 63   | 137922   | 20.850  | ug/l   | 91       |
| 46) Dibromomethane             | 9.05  | 93   | 117491   | 21.361  | ug/l   | 90       |
| 47) Bromodichloromethane       | 9.37  | 83   | 296394   | 21.140  | ug/l   | 95       |
| 48) Methyl methacrylate        | 9.11  | 41   | 98356    | 21.280  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.07  | 88   | 20122    | 511.927 | ug/l # | 77       |
| 51) 4-Methyl-2-Pentanone       | 10.29 | 43   | 538280   | 111.065 | ug/l   | 95       |
| 52) Toluene                    | 10.50 | 92   | 354399   | 20.474  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.90 | 75   | 245399   | 20.301  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.03 | 75   | 256475   | 20.189  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 125815   | 21.521  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 11.03 | 69   | 140494   | 21.947  | ug/l   | 91       |
| 57) 1,3-Dichloropropane        | 11.40 | 76   | 213026   | 23.128  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.85  | 63   | 381253   | 114.456 | ug/l   | 99       |
| 59) 2-Hexanone                 | 11.52 | 43   | 389578   | 111.543 | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.68 | 129  | 232870   | 21.100  | ug/l   | 94       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 162811   | 22.570  | ug/l   | 90       |
| 64) Tetrachloroethene          | 11.25 | 164  | 190799   | 21.679  | ug/l   | 91       |
| 65) Chlorobenzene              | 12.39 | 112  | 454210   | 21.375  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 212405   | 22.692  | ug/l   | 97       |
| 67) Ethyl Benzene              | 12.52 | 91   | 765052   | 21.194  | ug/l   | 95       |
| 68) m/p-Xylenes                | 12.66 | 106  | 550811   | 41.607  | ug/l   | 94       |
| 69) o-Xylene                   | 13.04 | 106  | 272943   | 22.452  | ug/l   | 98       |
| 70) Styrene                    | 13.07 | 104  | 473286   | 21.953  | ug/l   | 97       |
| 71) Bromoform                  | 13.23 | 173  | 148941   | 21.881  | ug/l   | 92       |
| 73) Isopropylbenzene           | 13.39 | 105  | 768459   | 19.711  | ug/l   | 98       |
| 74) N-amyl acetate             | 13.26 | 43   | 223046   | 21.641  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.69 | 83   | 151069   | 22.811  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 158350   | 21.223  | ug/l   | 99       |
| 77) Bromobenzene               | 13.66 | 156  | 236763   | 21.318  | ug/l   | 94       |
| 78) n-propylbenzene            | 13.77 | 91   | 867681   | 18.702  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 532084   | 19.792  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 744866   | 22.151  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 13.46 | 75   | 36445    | 17.591  | ug/l   | 87       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 711149   | 22.478  | ug/l   | 87       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 766670   | 19.968  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 686632   | 19.742  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 812428   | 20.084  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 744160   | 19.274  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 388727   | 19.764  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 390176   | 19.618  | ug/l   | 96       |
| 89) n-Butylbenzene             | 14.79 | 91   | 653027   | 19.583  | ug/l   | 99       |
| 90) Hexachloroethane           | 15.00 | 117  | 197749   | 19.659  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 355889   | 20.768  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 27919    | 20.696  | ug/l   | 96       |

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Misc : 5.00µl/5ml/MSVOA D/SOIL  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBSD02

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Quant Title : SW846 8260  
QLast Update : Tue Jul 30 03:04:50 2019  
Response via : Initial Calibration

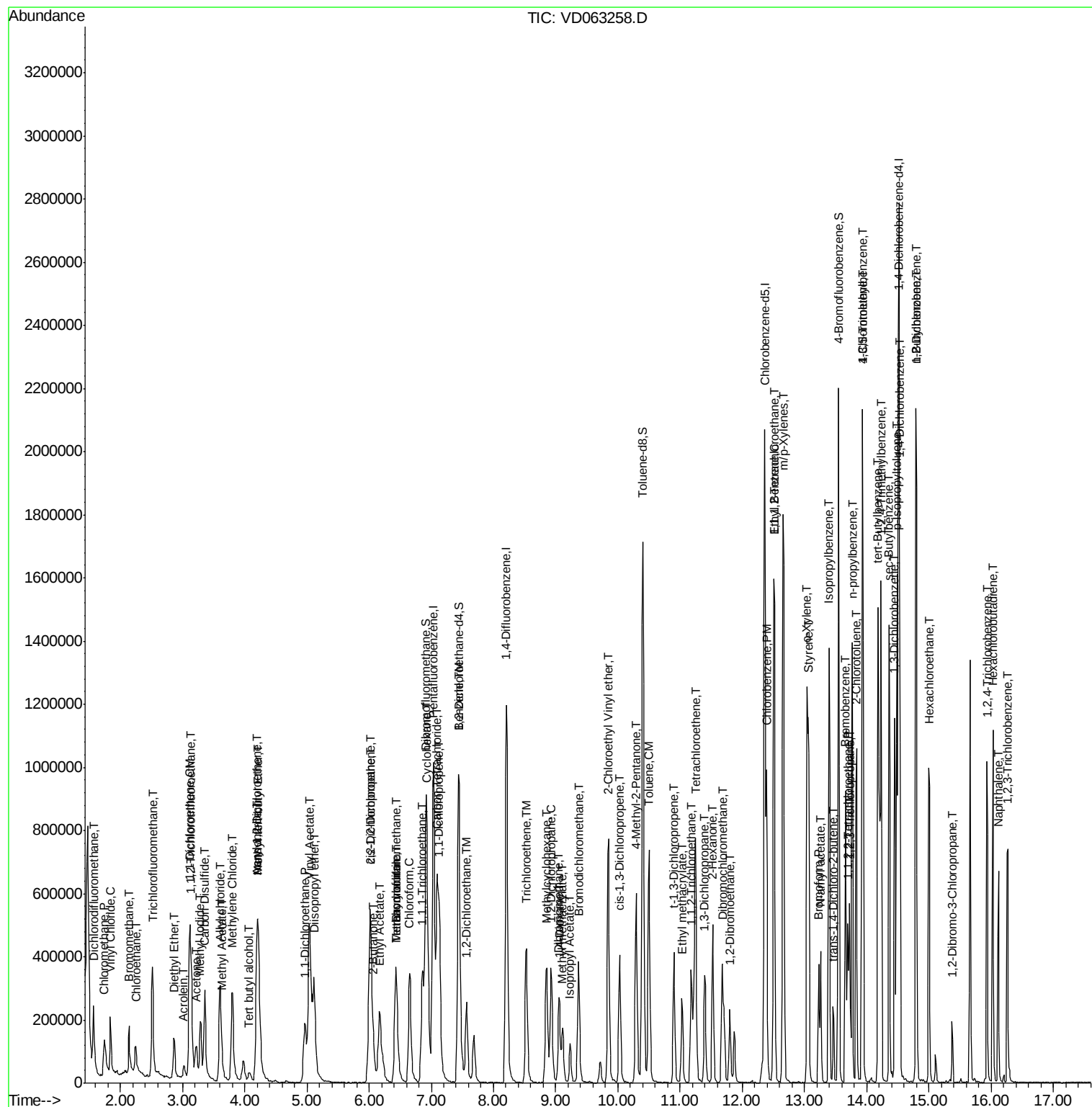
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 257014   | 18.906 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 181918   | 18.466 | ug/l  | 94       |
| 95) Naphthalene            | 16.12 | 128  | 407582   | 21.212 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 213471   | 19.877 | ug/l  | 91       |

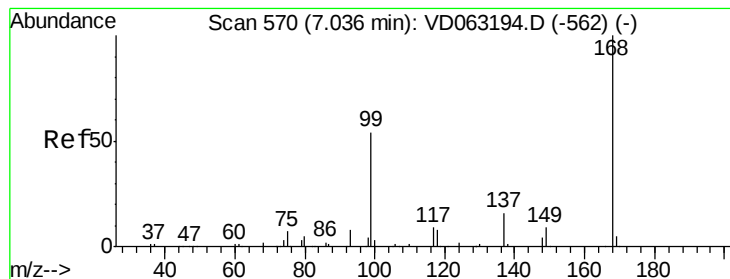
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

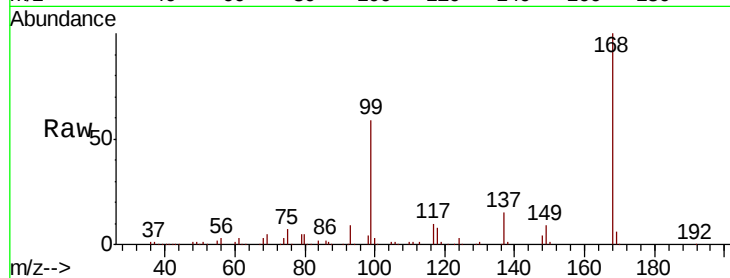
VD0730SBSD02

Tot Ion:168 Resp: 961077

Ion Ratio Lower Upper

168 100

99 58.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

400000

300000

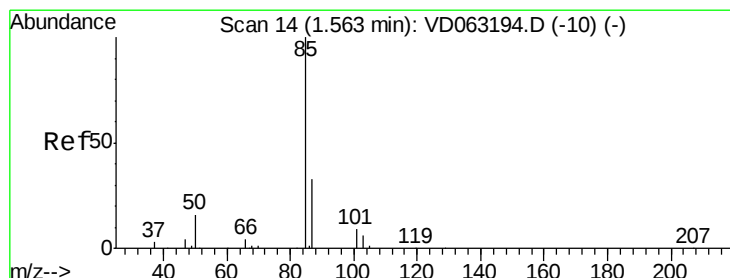
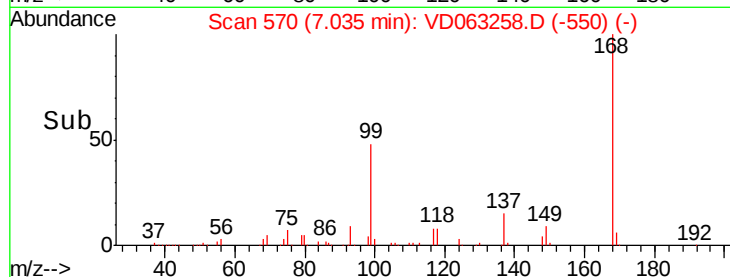
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 19.349 ug/l

RT: 1.57 min Scan# 15

Delta R.T. 0.01 min

Lab File: VD063258.D

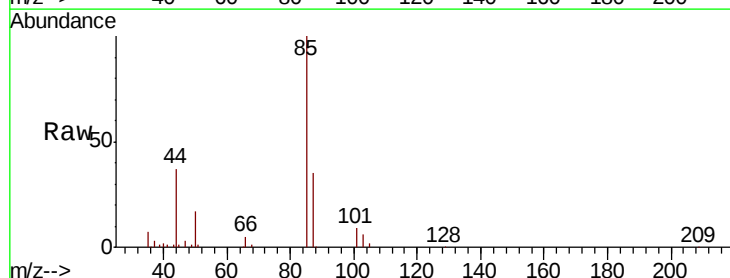
Acq: 31 Jul 2019 1:05

Tgt Ion: 85 Resp: 227313

Ion Ratio Lower Upper

85 100

87 35.4 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.57

120000

100000

80000

60000

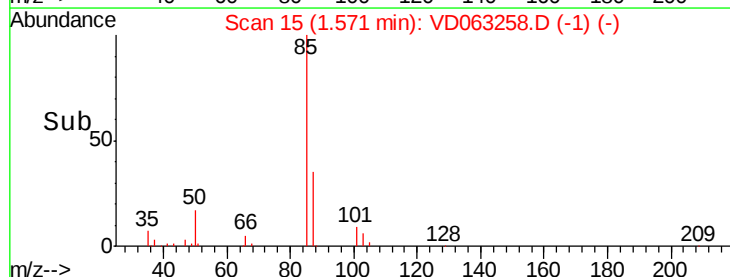
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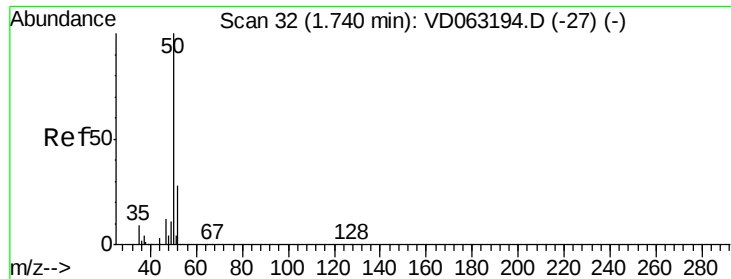
20000

0

1.50 1.60 1.70

Time-->





#3

Chloromethane

Concen: 21.230 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

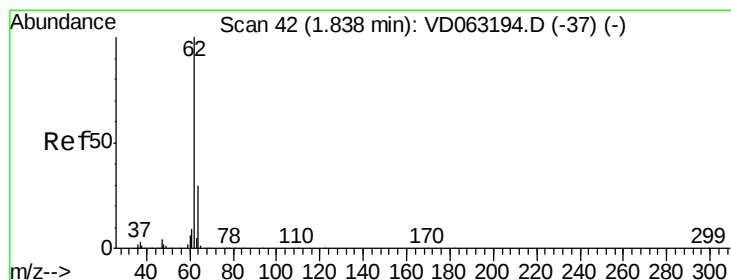
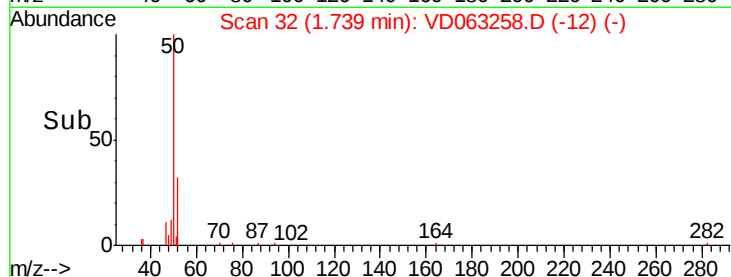
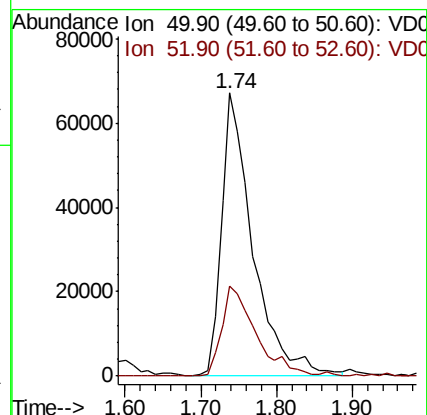
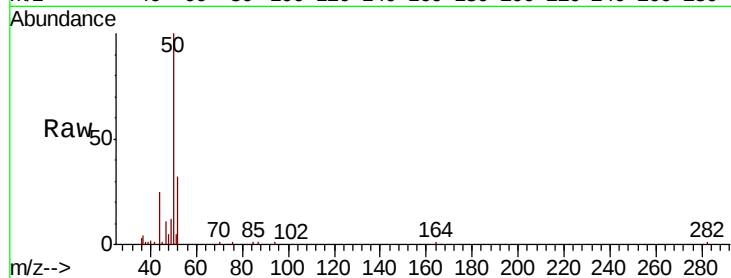
VD0730SBS02

Tot Ion: 50 Resp: 193778

Ion Ratio Lower Upper

50 100

52 31.9 22.6 34.0



#4

Vinyl Chloride

Concen: 19.568 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.00 min

Lab File: VD063258.D

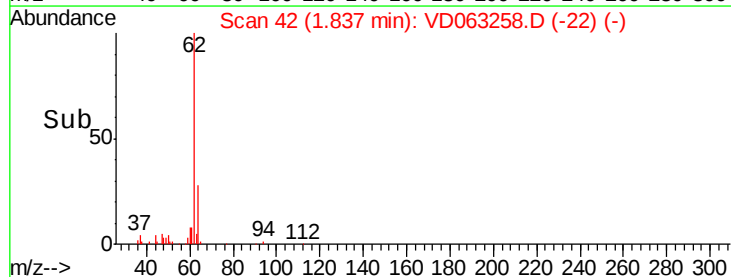
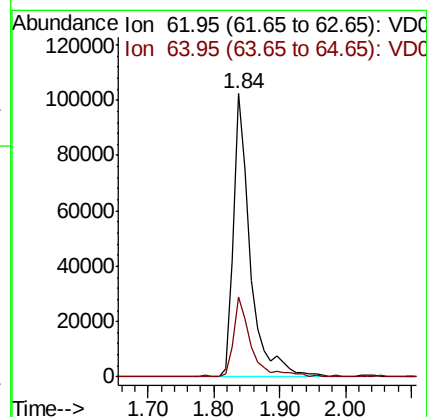
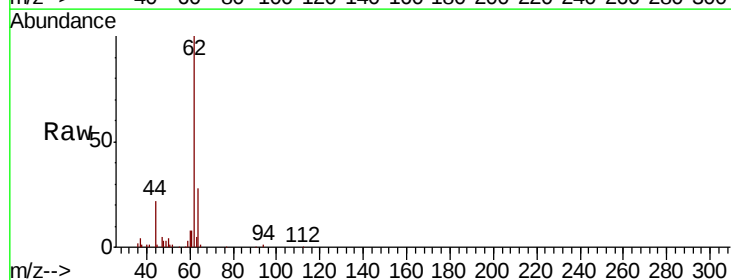
Acq: 31 Jul 2019 1:05

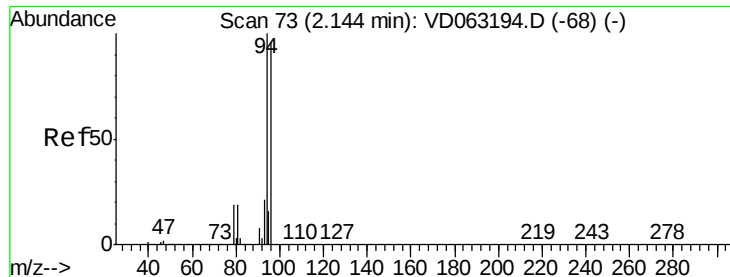
Tgt Ion: 62 Resp: 184892

Ion Ratio Lower Upper

62 100

64 28.0 24.1 36.1





#5

Bromomethane

Concen: 18.408 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

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ClientSampleId :

VD0730SBSD02

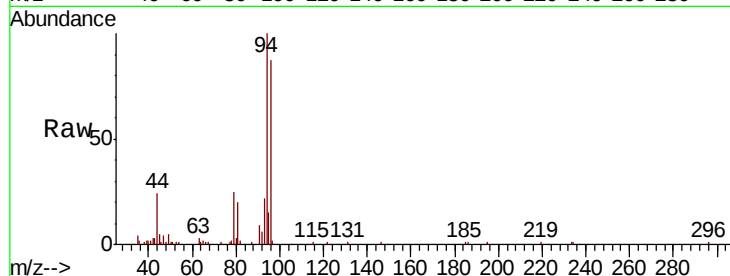
Tot Ion: 94 Resp: 87723

Ion Ratio Lower Upper

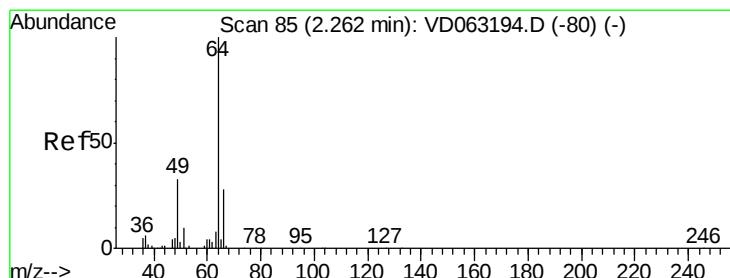
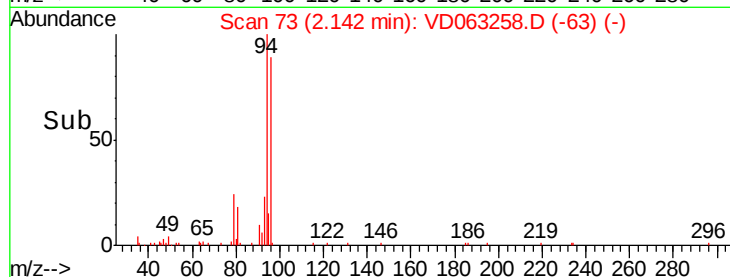
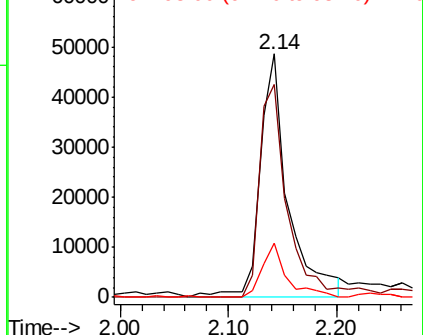
94 100

96 87.3 76.4 114.6

93 22.1 17.3 25.9



Abundance Ion 94.00 (93.70 to 94.70): VDC  
Ion 96.00 (95.70 to 96.70): VDC  
Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 19.254 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD063258.D

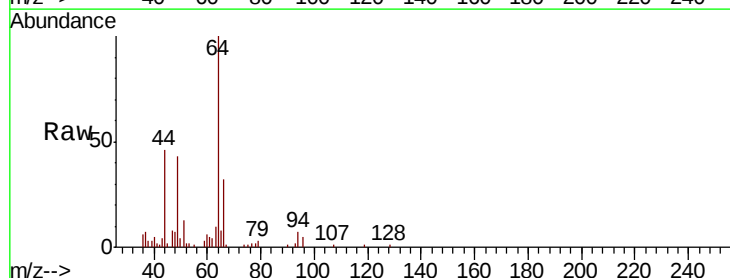
Acq: 31 Jul 2019 1:05

Tgt Ion: 64 Resp: 83996

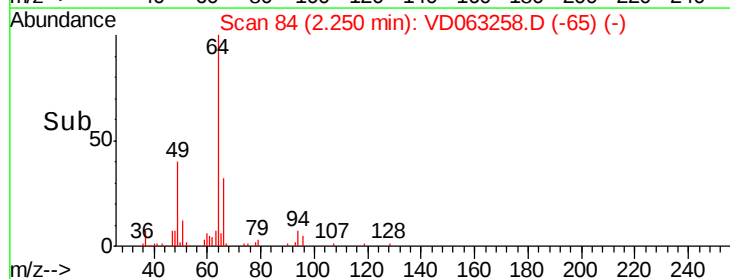
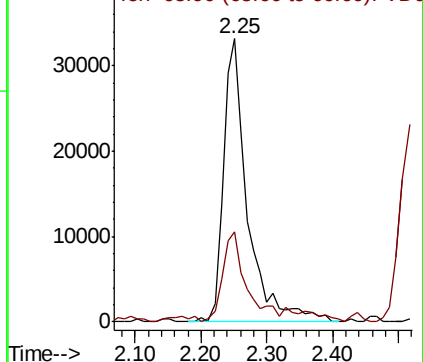
Ion Ratio Lower Upper

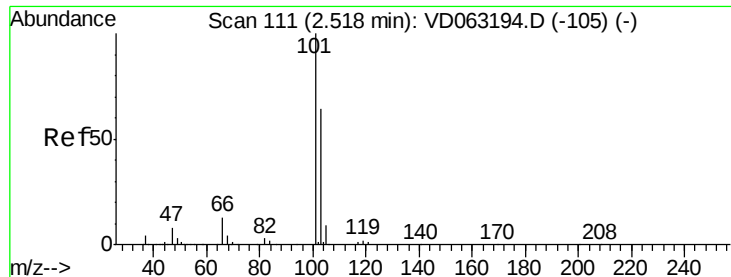
64 100

66 31.9 22.2 33.2



Abundance Ion 63.95 (63.65 to 64.65): VDC  
Ion 65.90 (65.60 to 66.60): VDC



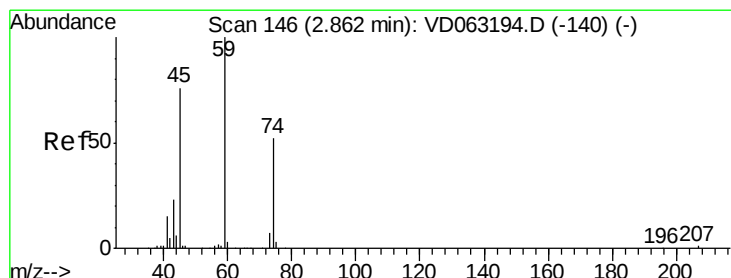
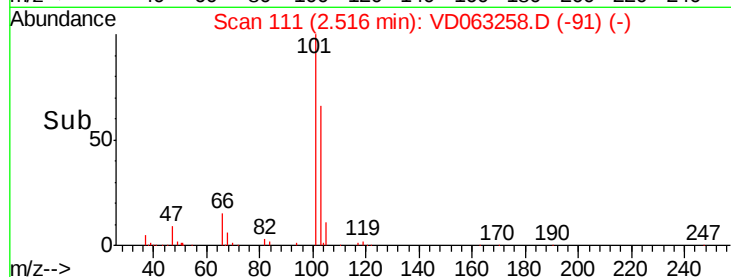
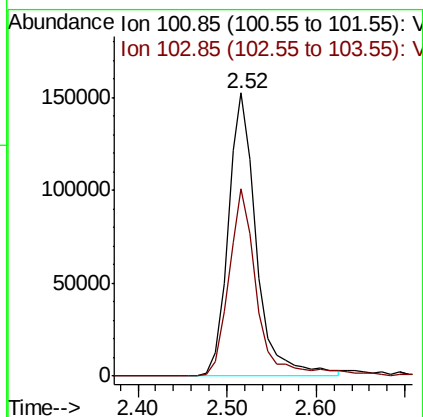
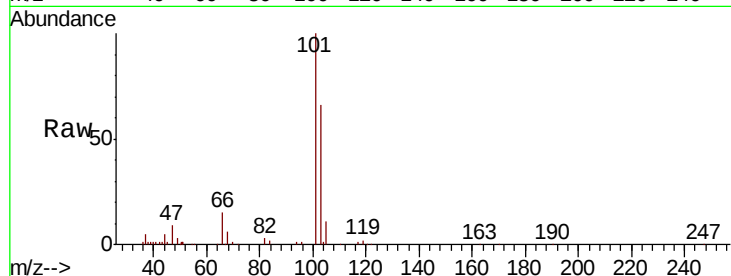


#7

Trichlorofluoromethane  
 Concen: 18.423 ug/l  
 RT: 2.52 min Scan# 111  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0730SBSD02

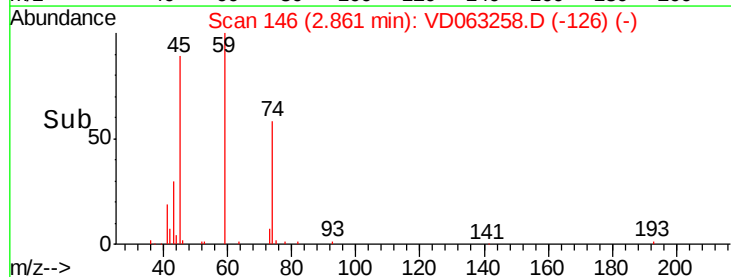
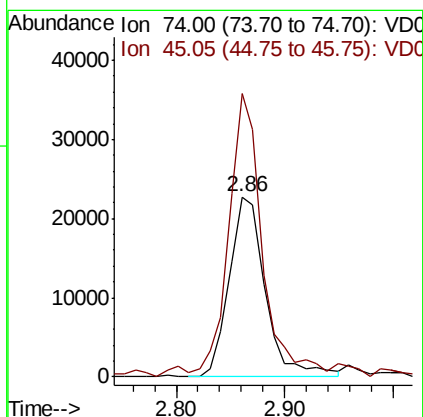
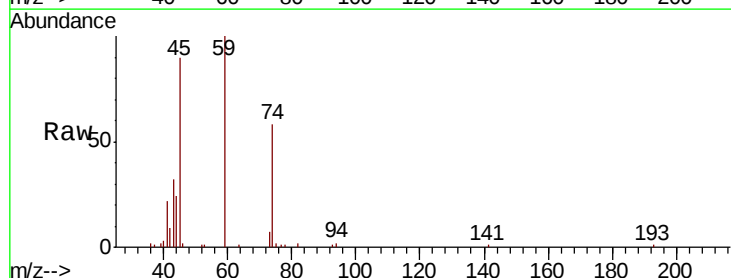
Tot Ion:101 Resp: 337718  
 Ion Ratio Lower Upper  
 101 100  
 103 66.4 51.5 77.3

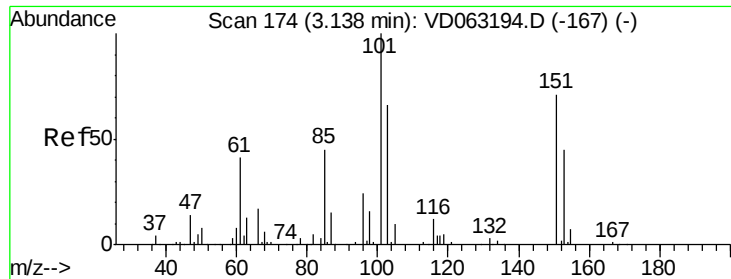


#8

Diethyl Ether  
 Concen: 20.641 ug/l  
 RT: 2.86 min Scan# 146  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Tgt Ion: 74 Resp: 52954  
 Ion Ratio Lower Upper  
 74 100  
 45 157.0 73.6 220.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.191 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0730SBSD02

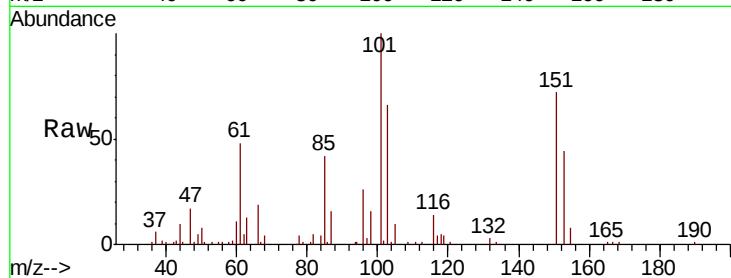
Tot Ion:101 Resp: 194866

Ion Ratio Lower Upper

101 100

85 41.6 36.1 54.1

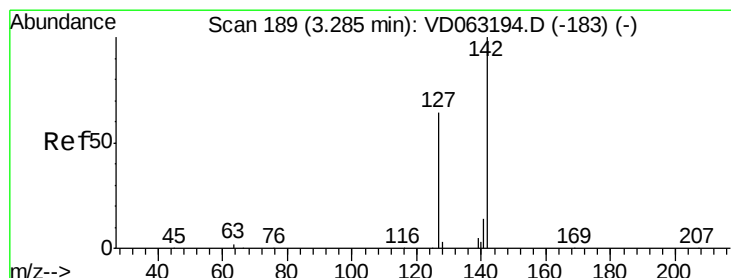
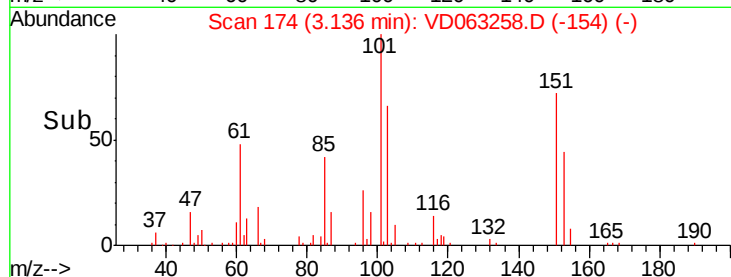
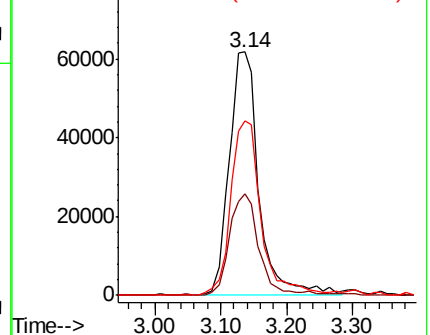
151 71.7 57.1 85.7



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: 20.347 ug/l

RT: 3.28 min Scan# 189

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

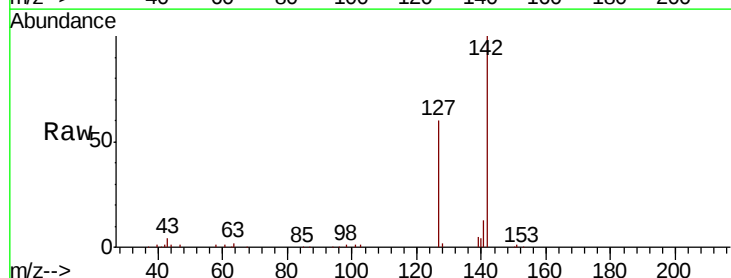
Tgt Ion:142 Resp: 298473

Ion Ratio Lower Upper

142 100

127 60.2 50.8 76.2

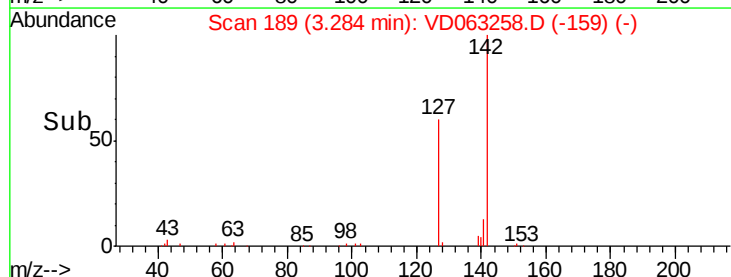
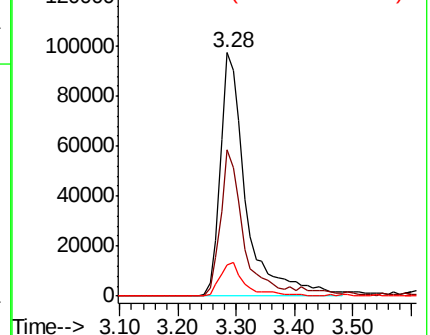
141 12.8 11.4 17.2

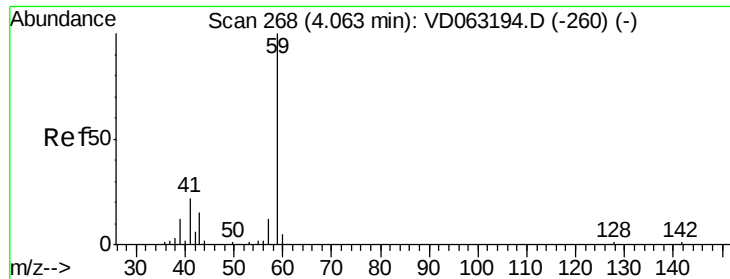


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

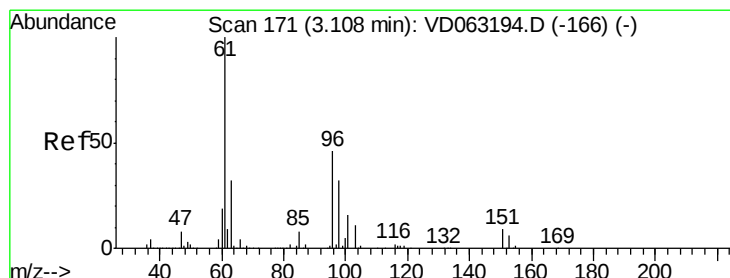
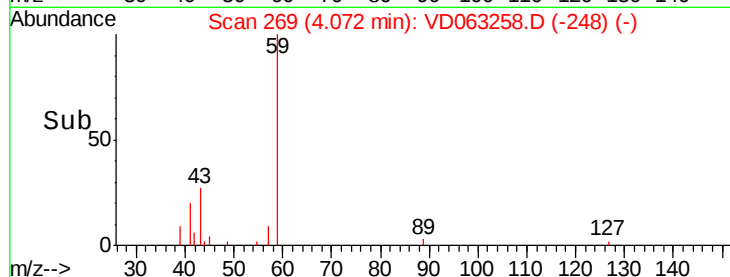
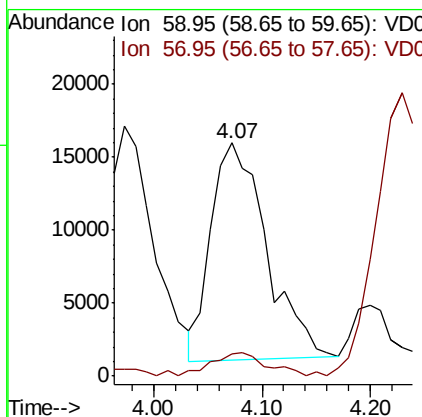
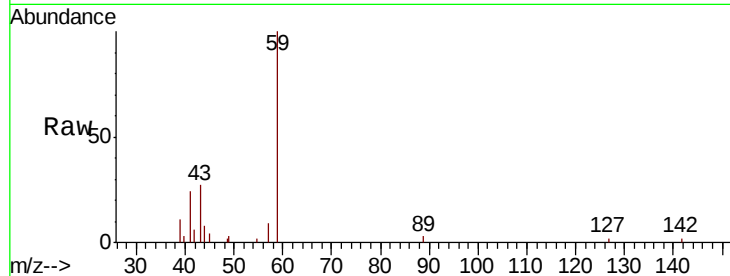




#11  
Tert butyl alcohol  
Concen: 112.709 ug/l  
RT: 4.07 min Scan# 269  
Delta R.T. 0.01 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

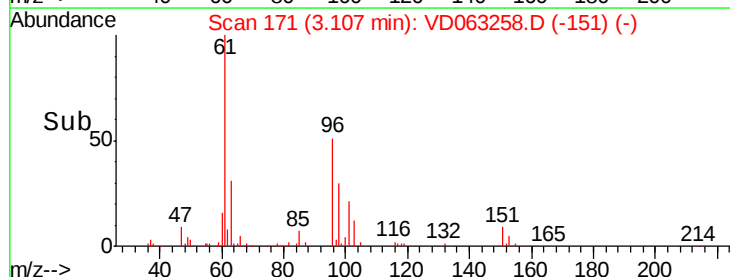
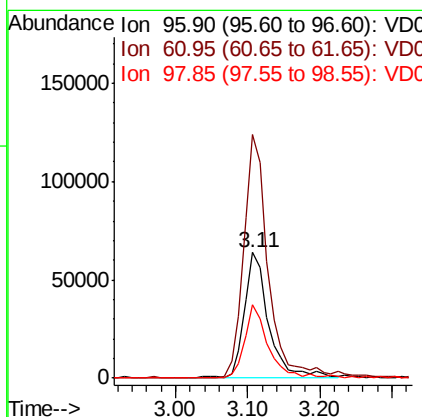
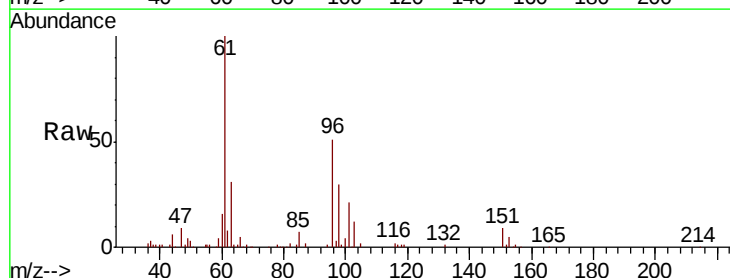
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBSD02

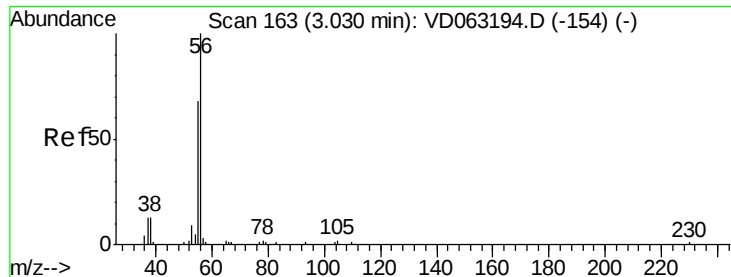
Tot Ion: 59 Resp: 52747  
Ion Ratio Lower Upper  
59 100  
57 9.4 9.6 14.4#



#12  
1,1-Dichloroethene  
Concen: 20.311 ug/l  
RT: 3.11 min Scan# 171  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion: 96 Resp: 151404  
Ion Ratio Lower Upper  
96 100  
61 194.2 173.7 260.5  
98 58.3 55.8 83.8

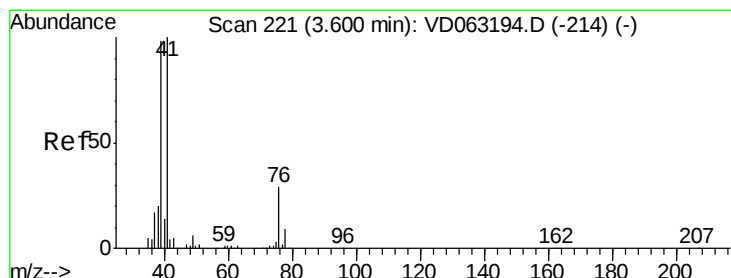
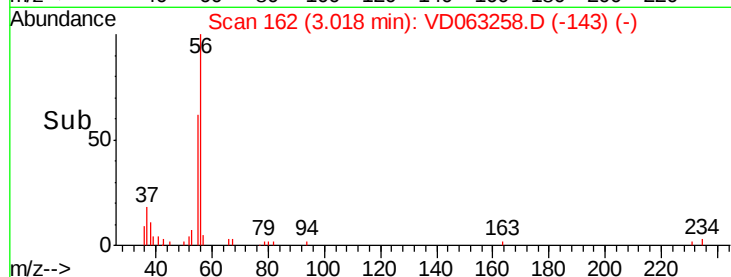
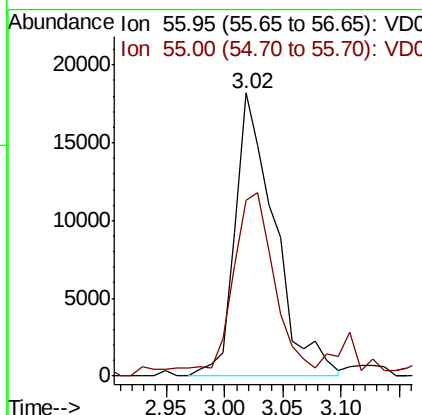
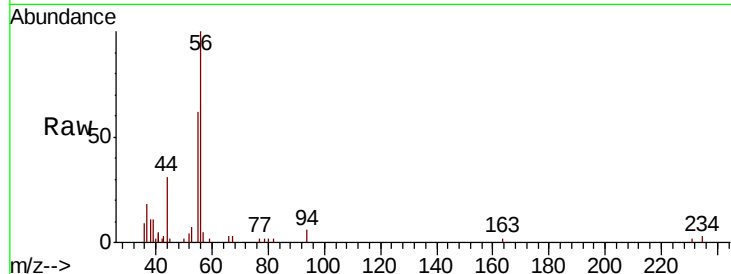




#13  
Acrolein  
Concen: 95.138 ug/l  
RT: 3.02 min Scan# 162  
Delta R.T. -0.01 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

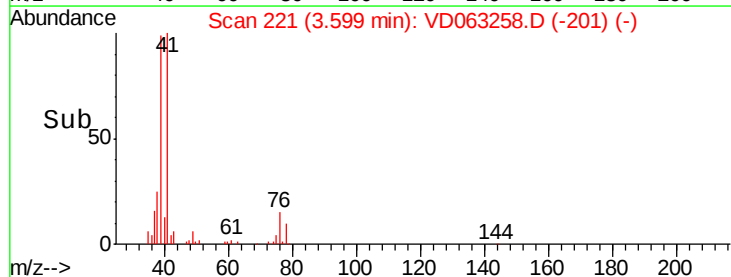
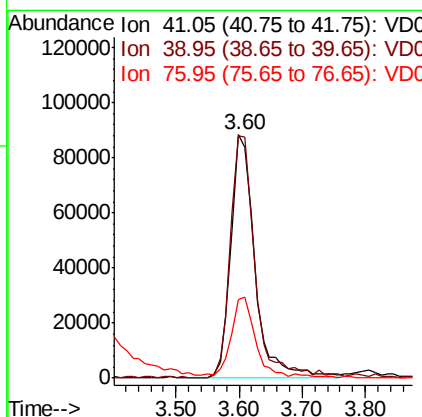
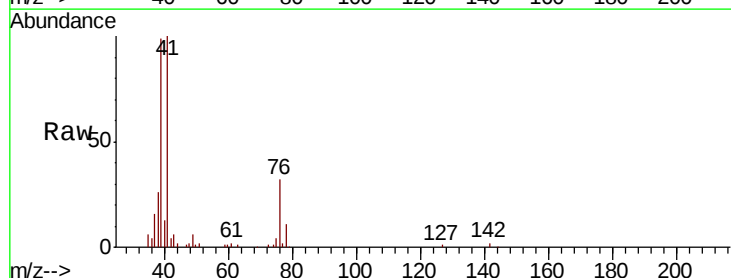
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBSD02

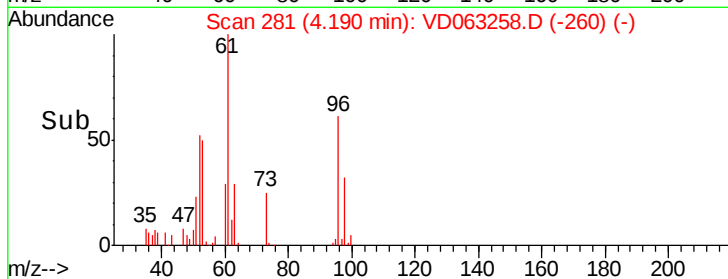
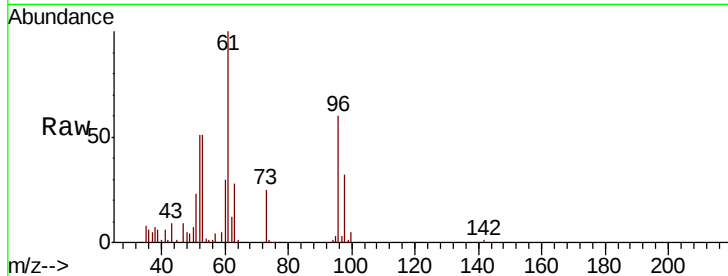
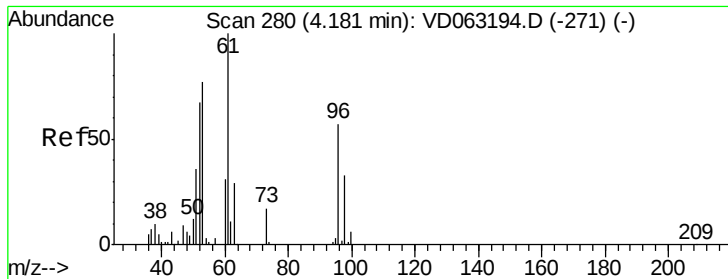
Tot Ion: 56 Resp: 42850  
Ion Ratio Lower Upper  
56 100  
55 62.3 55.3 82.9



#14  
Allyl chloride  
Concen: 19.725 ug/l  
RT: 3.60 min Scan# 221  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion: 41 Resp: 234236  
Ion Ratio Lower Upper  
41 100  
39 99.4 78.6 117.8  
76 32.1 24.5 36.7

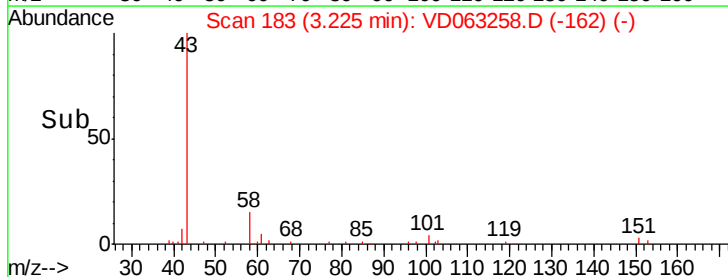
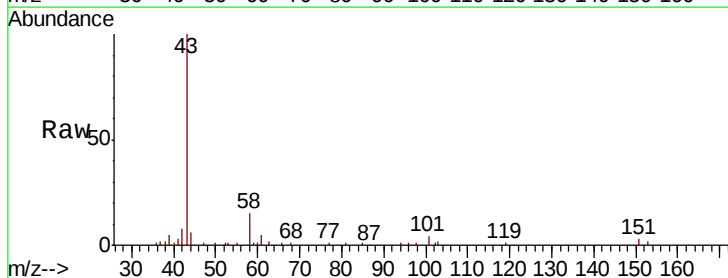
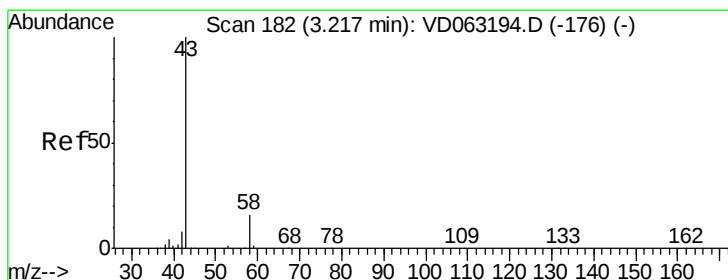
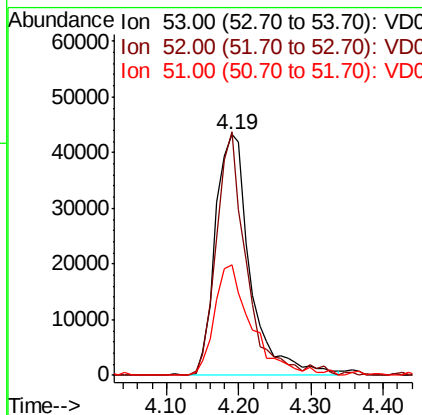




#15  
 Acrylonitrile  
 Concen: 119.438 ug/l  
 RT: 4.19 min Scan# 281  
 Delta R.T. 0.01 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

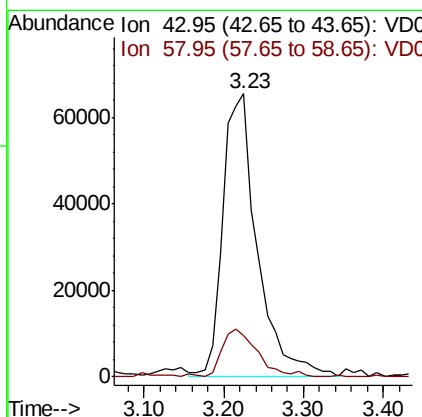
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0730SBS02

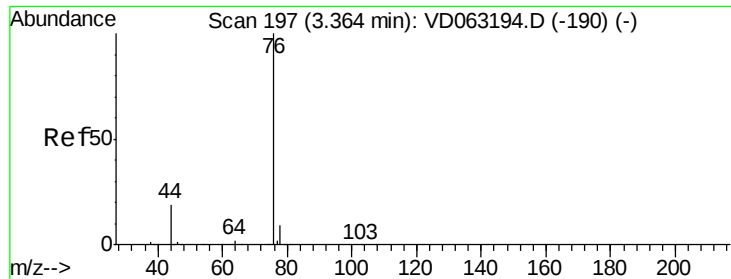
Tot Ion: 53 Resp: 144915  
 Ion Ratio Lower Upper  
 53 100  
 52 101.2 69.7 104.5  
 51 45.9 37.4 56.0



#16  
 Acetone  
 Concen: 95.680 ug/l  
 RT: 3.23 min Scan# 183  
 Delta R.T. 0.01 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Tgt Ion: 43 Resp: 198802  
 Ion Ratio Lower Upper  
 43 100  
 58 14.6 13.0 19.4

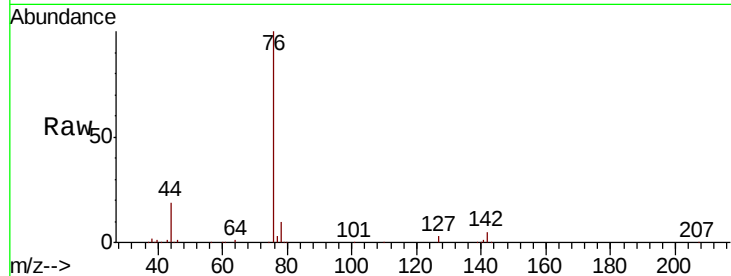




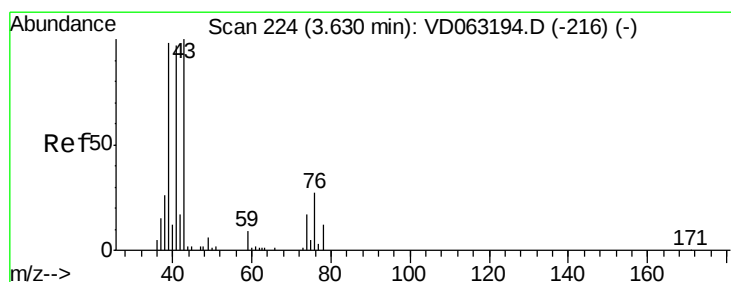
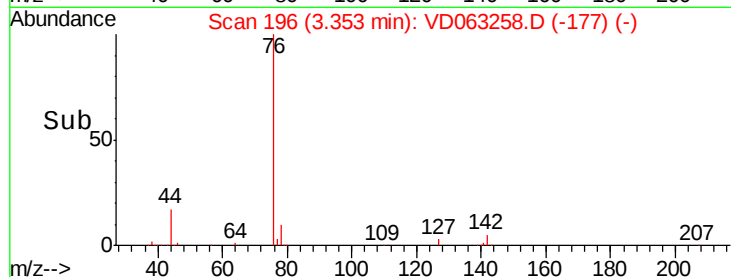
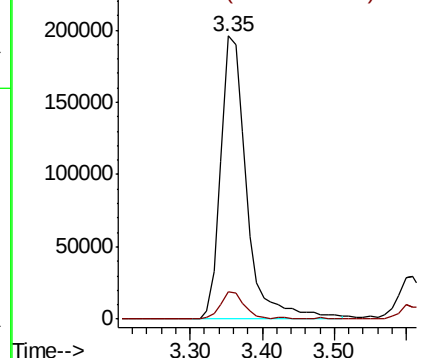
#17  
Carbon Disulfide  
Concen: 19.452 ug/l  
RT: 3.35 min Scan# 196  
Delta R.T. -0.01 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBSD02

Tot Ion: 76 Resp: 485343  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.2

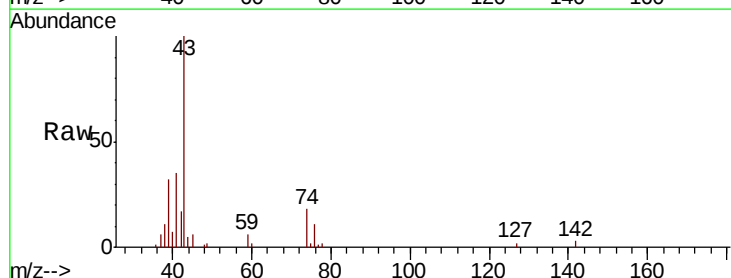


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

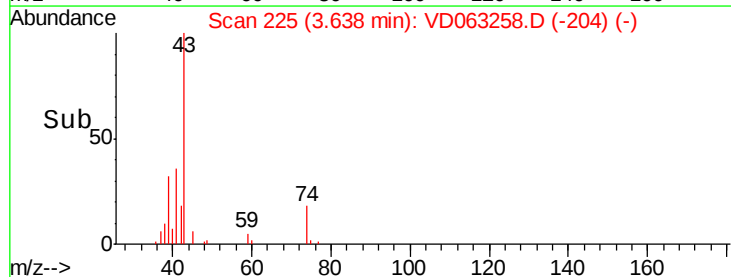
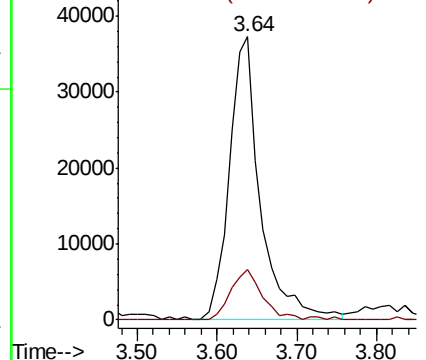


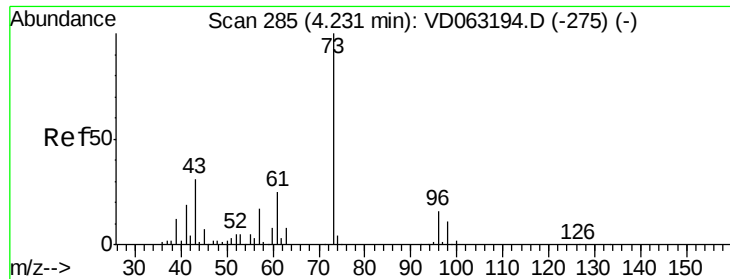
#18  
Methyl Acetate  
Concen: 25.464 ug/l  
RT: 3.64 min Scan# 225  
Delta R.T. 0.01 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion: 43 Resp: 101627  
Ion Ratio Lower Upper  
43 100  
74 18.0 13.8 20.8



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

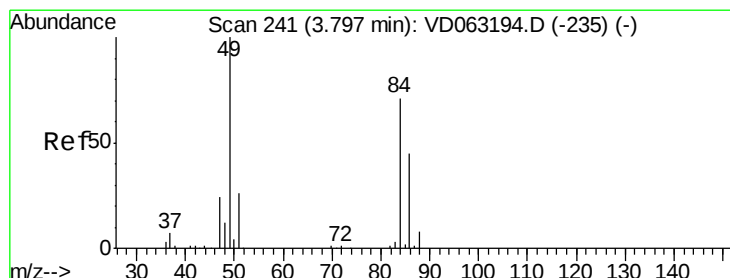
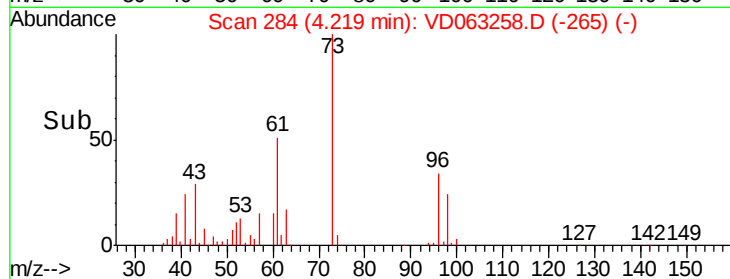
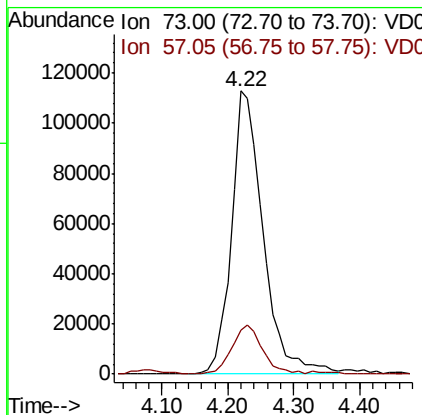
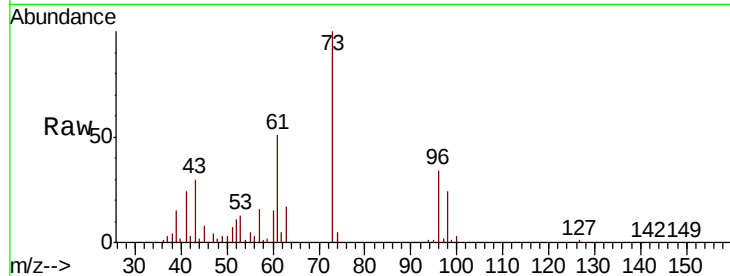




#19  
Methyl tert-butyl Ether  
Concen: 22.582 ug/l  
RT: 4.22 min Scan# 284  
Delta R.T. -0.01 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

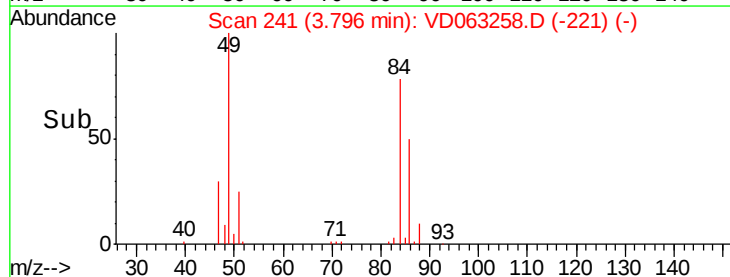
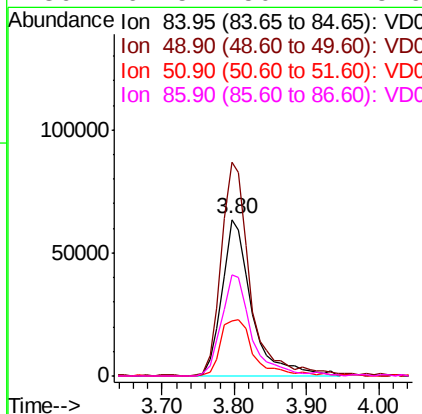
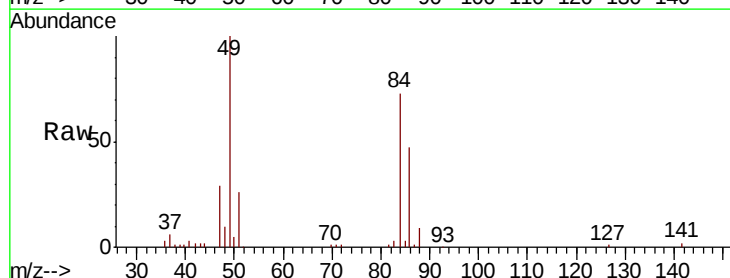
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBS02

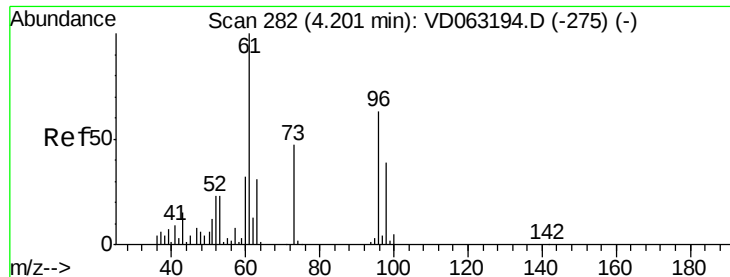
Tot Ion: 73 Resp: 380255  
Ion Ratio Lower Upper  
73 100  
57 15.7 13.8 20.6



#20  
Methylene Chloride  
Concen: 21.622 ug/l  
RT: 3.80 min Scan# 241  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion: 84 Resp: 181599  
Ion Ratio Lower Upper  
84 100  
49 136.5 112.5 168.7  
51 34.9 29.6 44.4  
86 64.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 20.540 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0730SBSD02

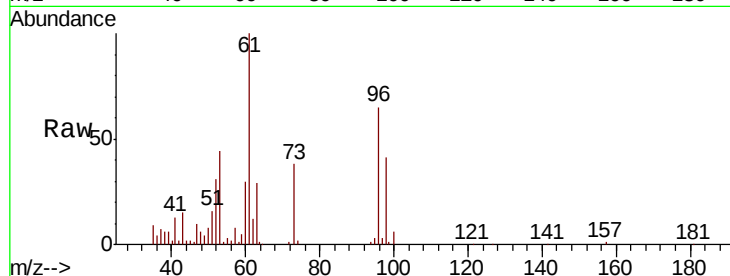
Tot Ion: 96 Resp: 171801

Ion Ratio Lower Upper

96 100

61 153.0 127.4 191.2

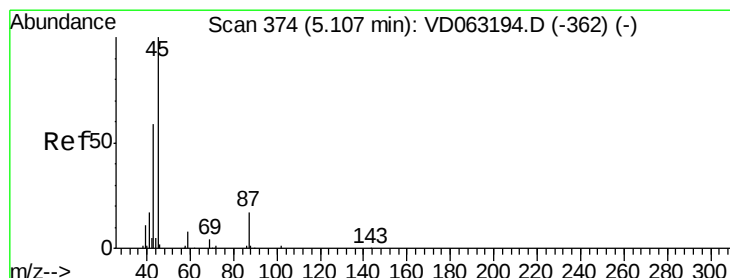
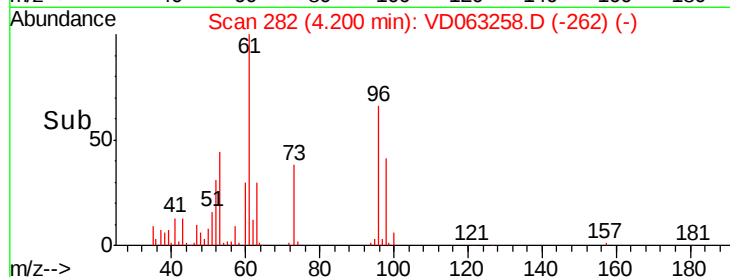
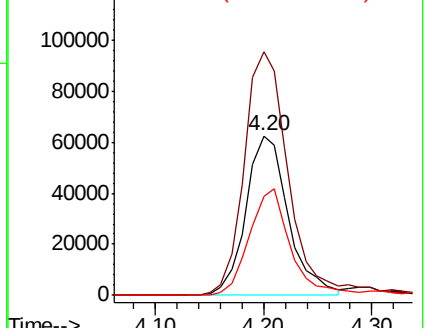
98 62.0 49.3 73.9



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: 21.417 ug/l

RT: 5.12 min Scan# 375

Delta R.T. 0.01 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Tgt Ion: 45 Resp: 508139

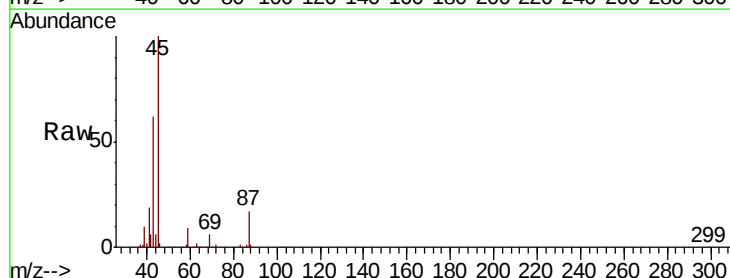
Ion Ratio Lower Upper

45 100

43 61.7 51.7 77.5

87 16.7 14.6 21.8

59 8.9 6.6 10.0

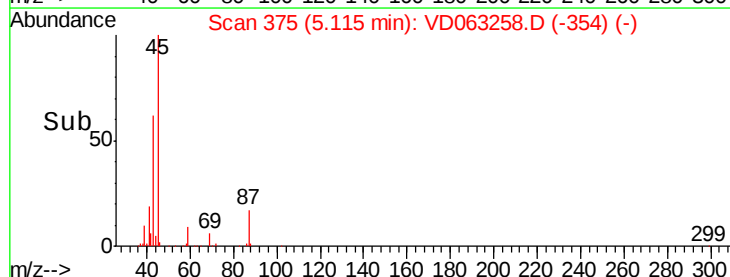
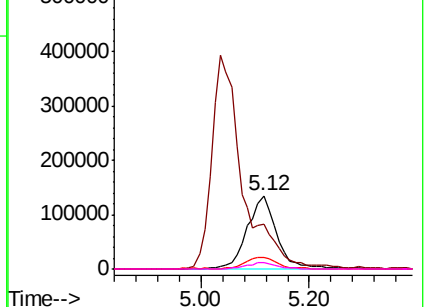


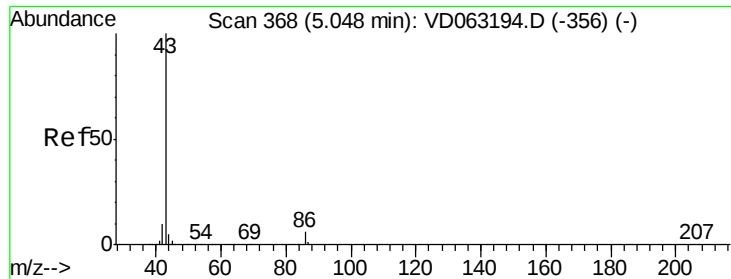
Abundance Ion 45.05 (44.75 to 45.75): VDC

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

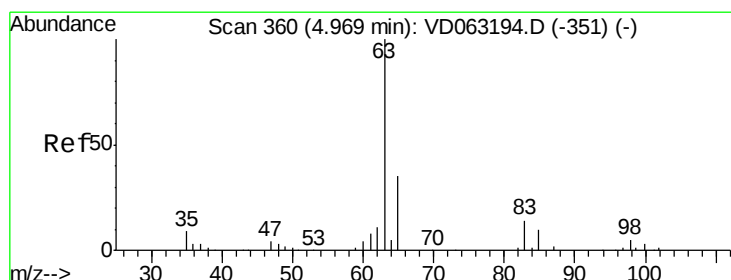
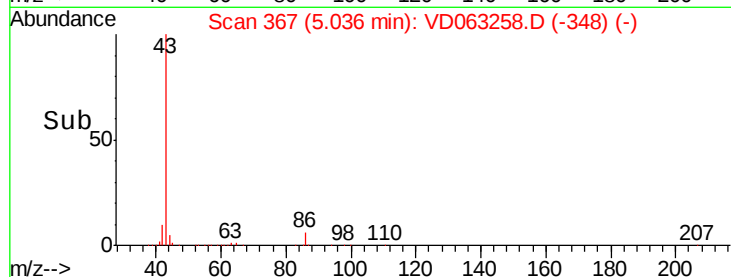
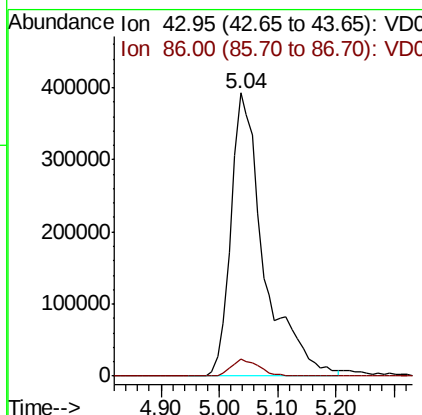
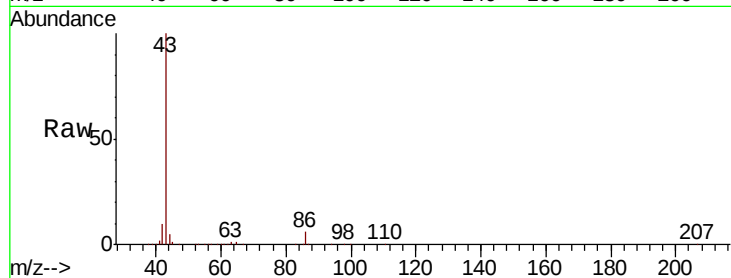




#23  
 Vinyl Acetate  
 Concen: 106.374 ug/l  
 RT: 5.04 min Scan# 367  
 Delta R.T. -0.01 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

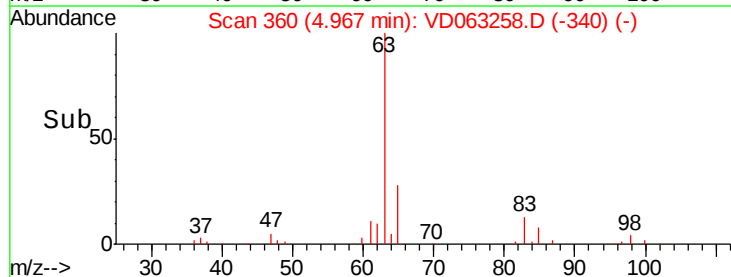
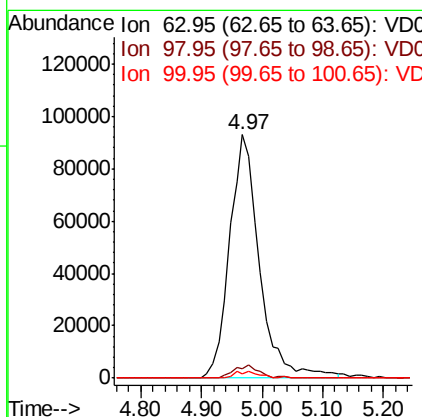
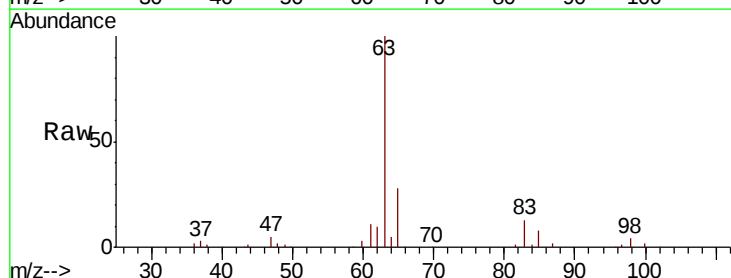
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0730SBSD02

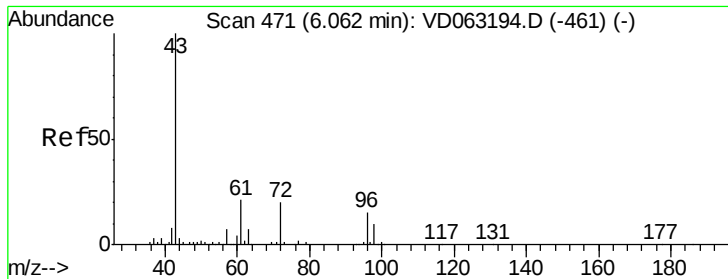
Tot Ion: 43 Resp: 1551367  
 Ion Ratio Lower Upper  
 43 100  
 86 5.9 4.9 7.3



#24  
 1,1-Dichloroethane  
 Concen: 20.957 ug/l  
 RT: 4.97 min Scan# 360  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Tgt Ion: 63 Resp: 317595  
 Ion Ratio Lower Upper  
 63 100  
 98 3.7 2.8 8.4  
 100 1.9 1.3 3.9





#25

2-Butanone

Concen: 112.050 ug/l

RT: 6.07 min Scan# 472

Delta R.T. 0.01 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

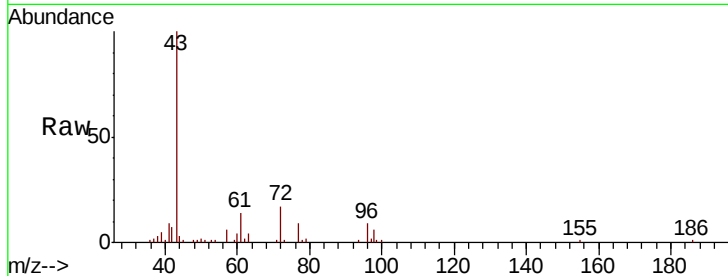
VD0730SBS02

Tot Ion: 43 Resp: 233650

Ion Ratio Lower Upper

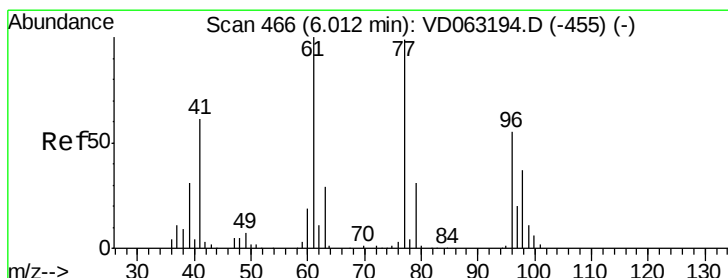
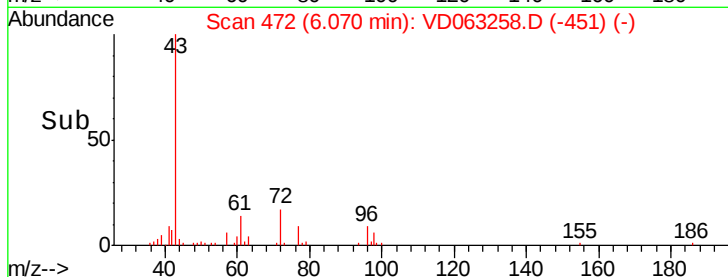
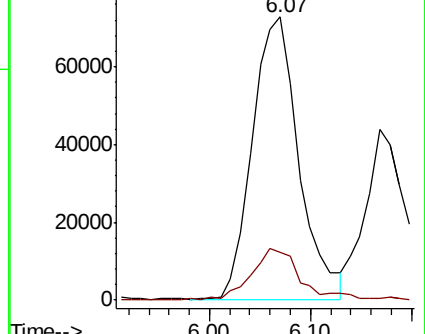
43 100

72 16.8 16.3 24.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 17.727 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.00 min

Lab File: VD063258.D

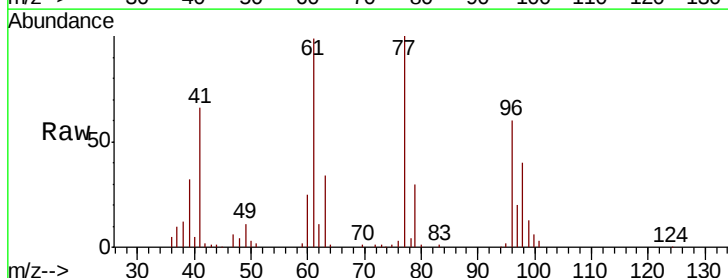
Acq: 31 Jul 2019 1:05

Tgt Ion: 77 Resp: 276857

Ion Ratio Lower Upper

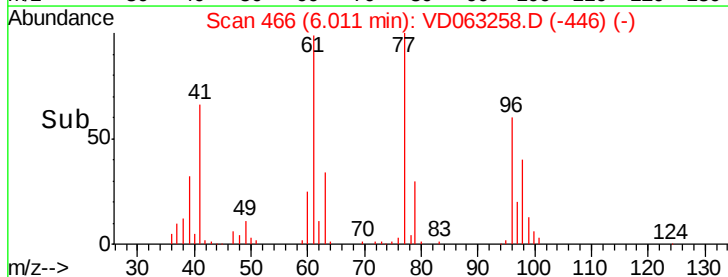
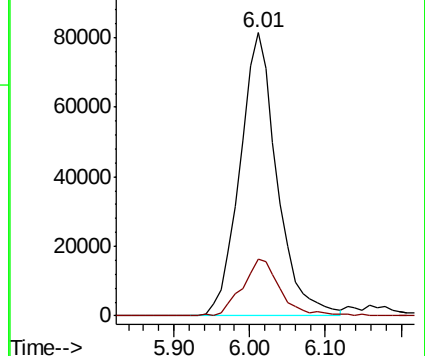
77 100

97 20.2 10.2 30.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



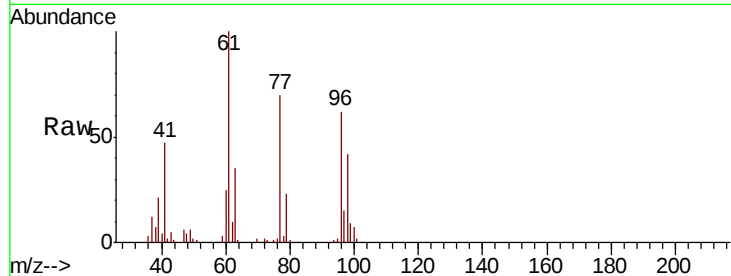


#27

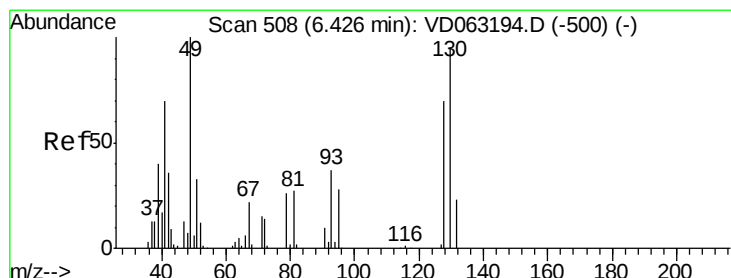
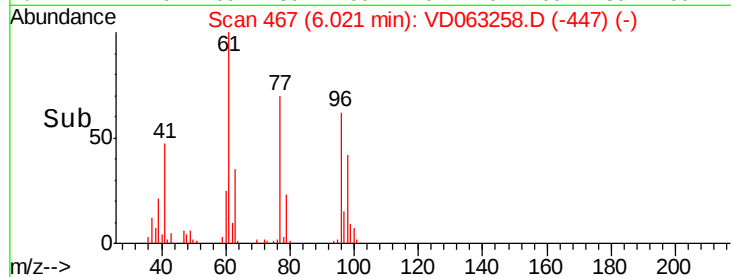
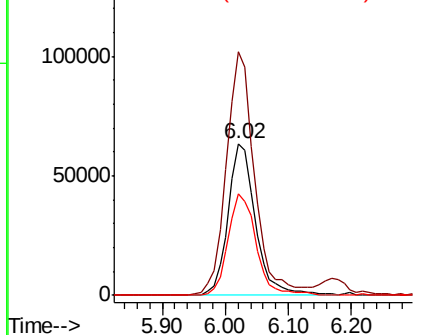
cis-1,2-Dichloroethene  
 Concen: 21.316 ug/l  
 RT: 6.02 min Scan# 467  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0730SBSD02

| Tot Ion | 96    | Resp  | 191150 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 160.3 | 0.0   | 337.2  |
| 98      | 66.8  | 0.0   | 130.6  |



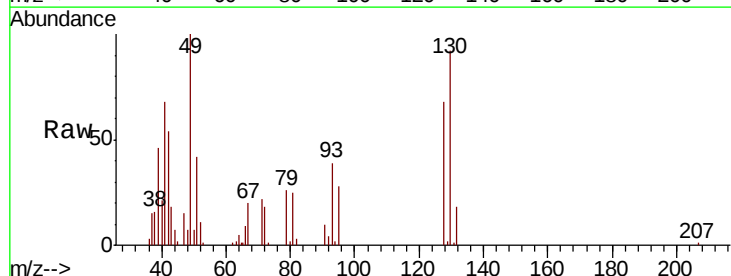
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC



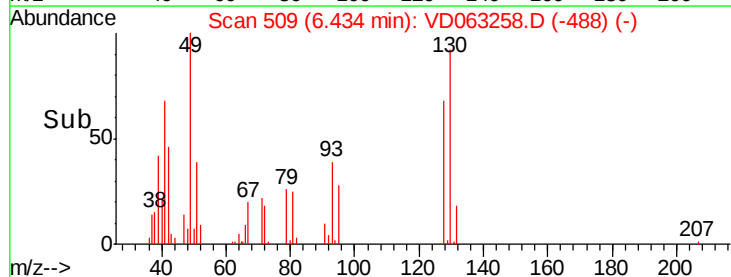
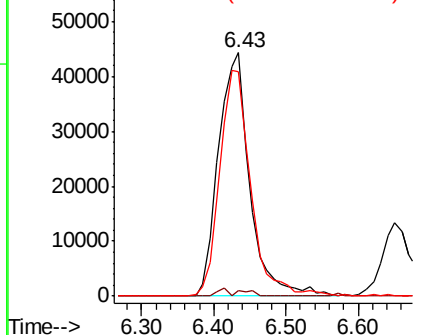
#28

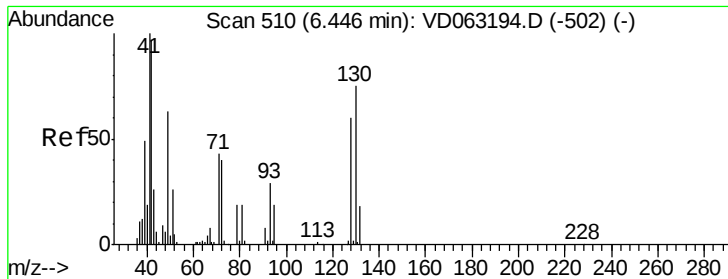
Bromochloromethane  
 Concen: 22.024 ug/l  
 RT: 6.43 min Scan# 509  
 Delta R.T. 0.01 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

| Tgt Ion | 49    | Resp  | 132983 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 49      | 100   |       |        |
| 129     | 2.1   | 0.0   | 0.0#   |
| 130     | 92.4  | 75.7  | 113.5  |



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: 115.177 ug/l

RT: 6.45 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0730SBS02

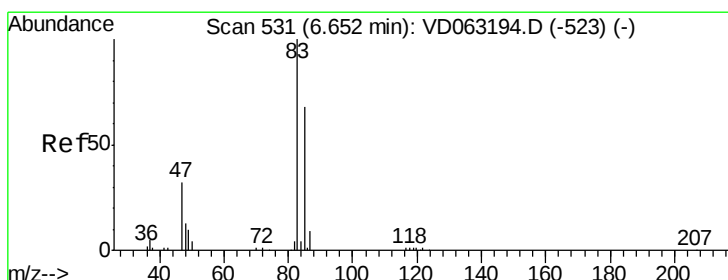
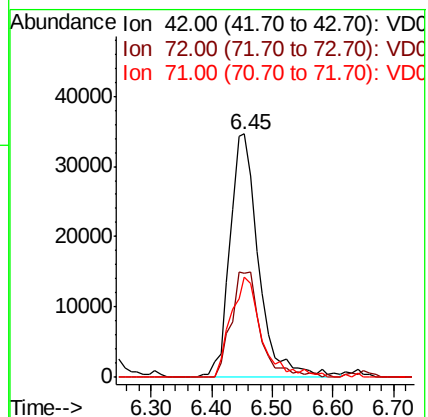
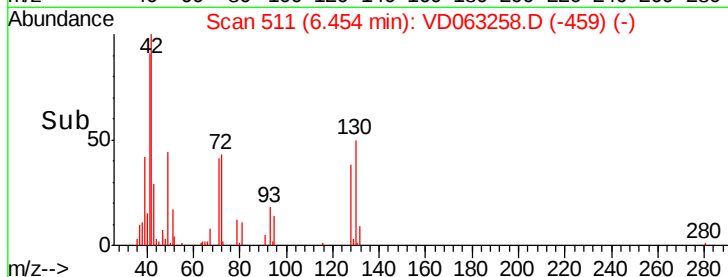
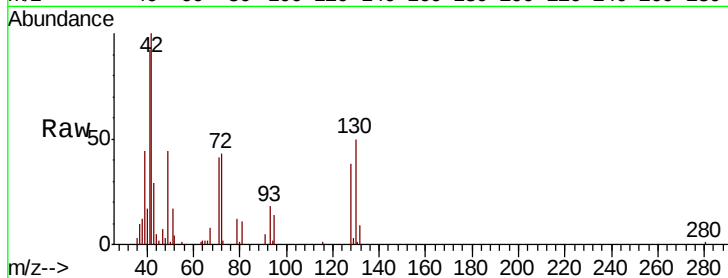
Tot Ion: 42 Resp: 113708

Ion Ratio Lower Upper

42 100

72 44.2 33.4 50.2

71 43.9 35.7 53.5



#30

Chloroform

Concen: 21.775 ug/l

RT: 6.65 min Scan# 531

Delta R.T. -0.00 min

Lab File: VD063258.D

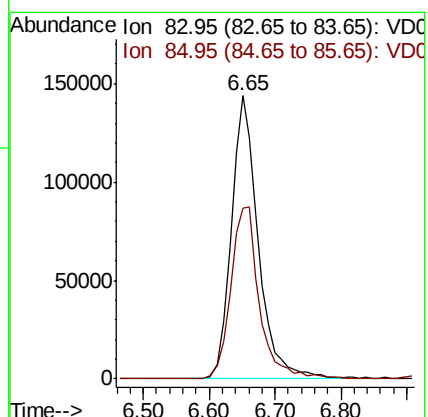
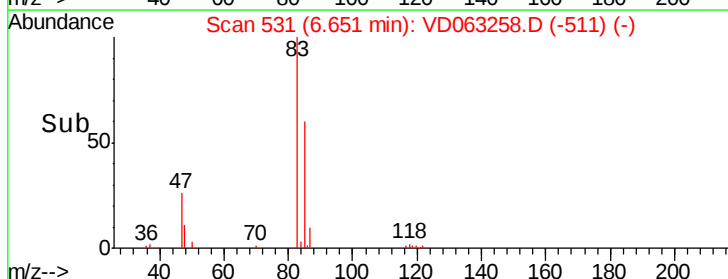
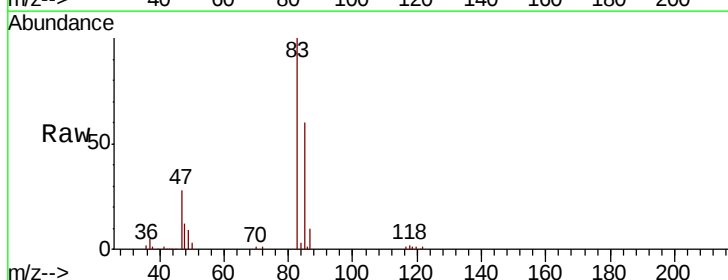
Acq: 31 Jul 2019 1:05

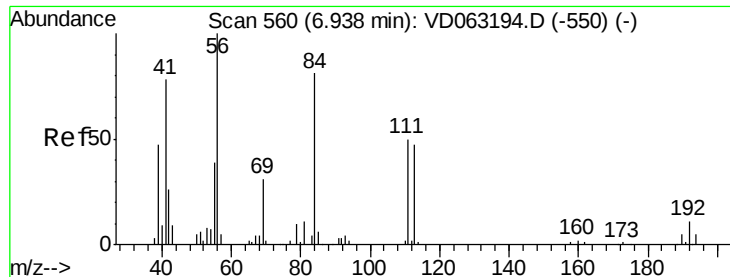
Tgt Ion: 83 Resp: 409519

Ion Ratio Lower Upper

83 100

85 60.2 54.2 81.4

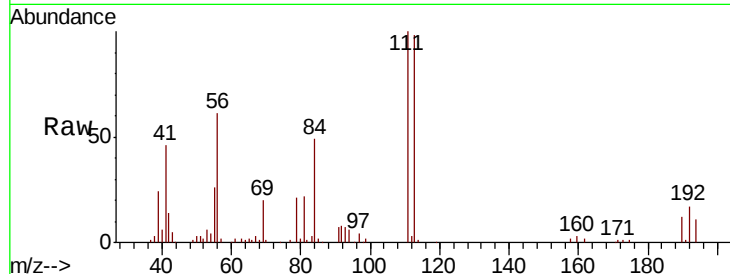




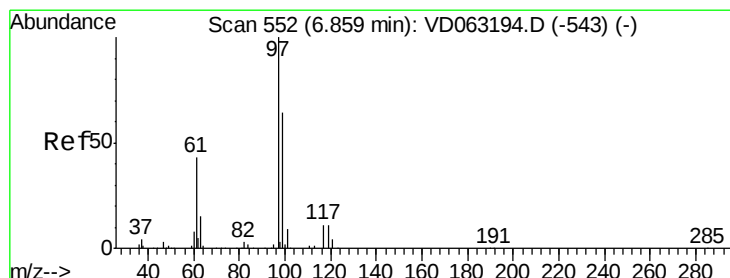
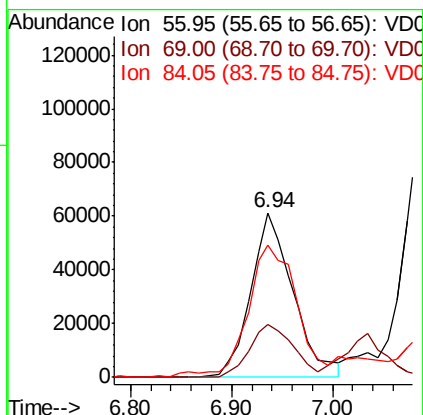
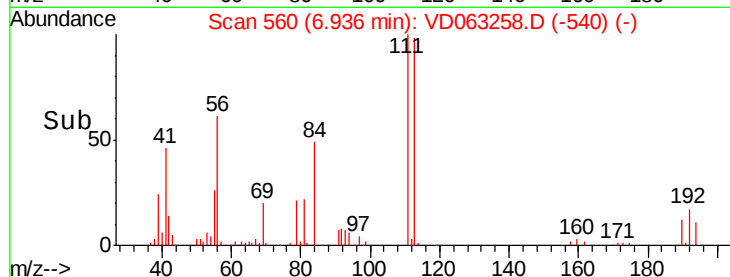
#31  
Cyclohexane  
Concen: 18.784 ug/l  
RT: 6.94 min Scan# 560  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBS02

Tot Ion: 56 Resp: 178434  
Ion Ratio Lower Upper  
56 100  
69 32.3 24.5 36.7  
84 80.3 64.9 97.3

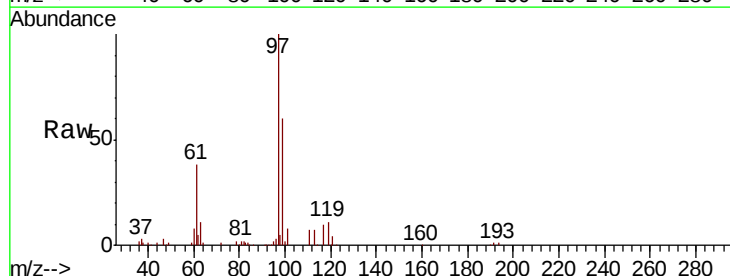


Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC

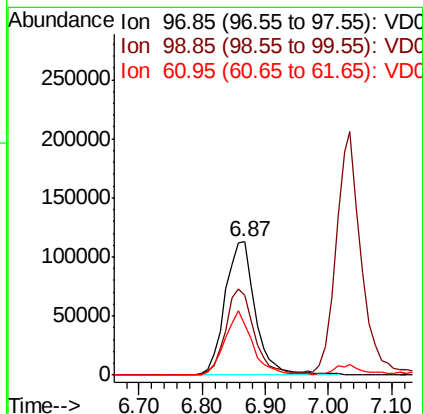
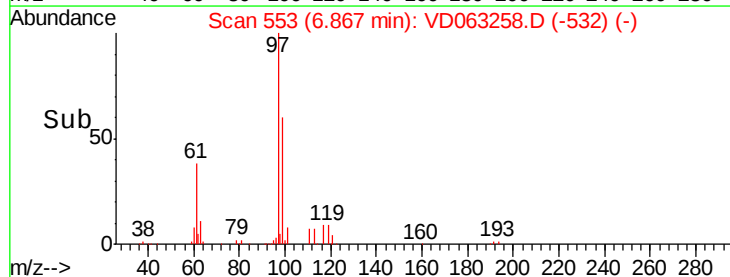


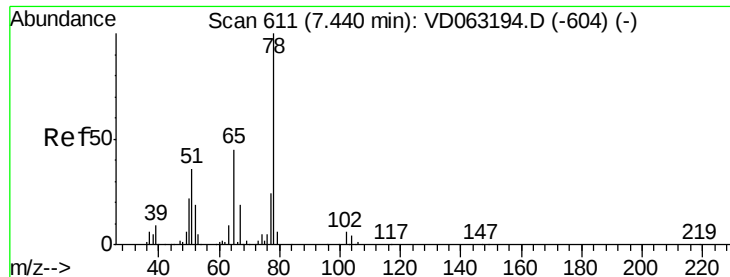
#32  
1,1,1-Trichloroethane  
Concen: 20.613 ug/l  
RT: 6.87 min Scan# 553  
Delta R.T. 0.01 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion: 97 Resp: 374986  
Ion Ratio Lower Upper  
97 100  
99 59.8 51.2 76.8  
61 37.5 34.2 51.2



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

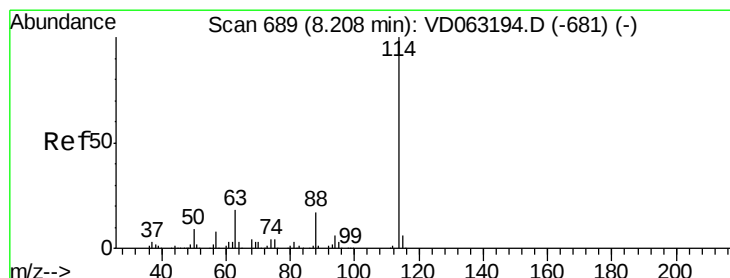
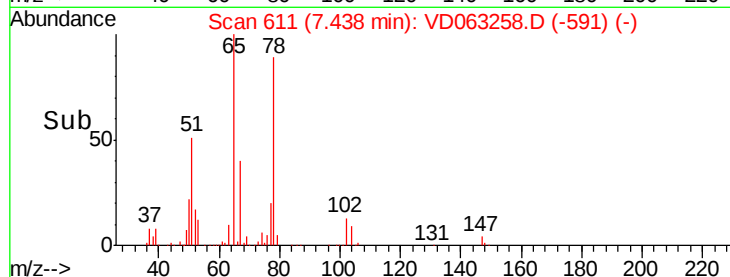
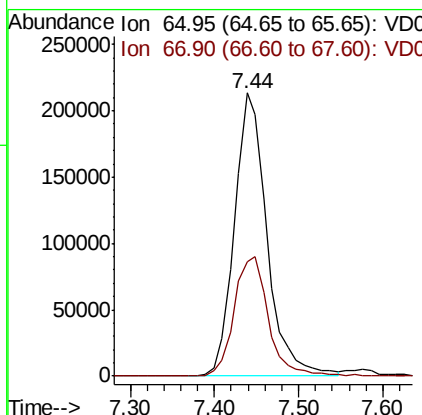
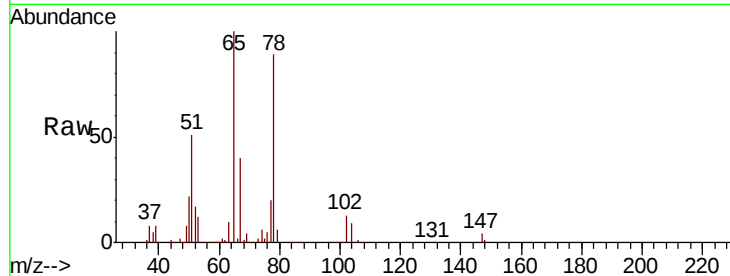




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.844 ug/l  
 RT: 7.44 min Scan# 611  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

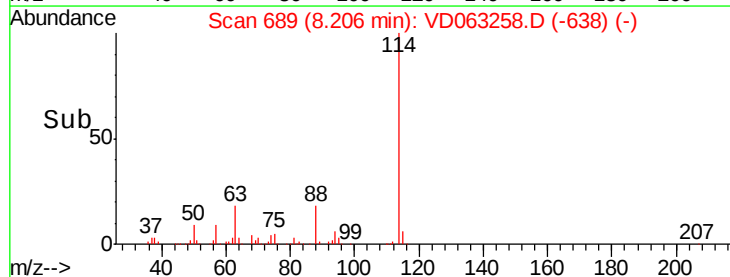
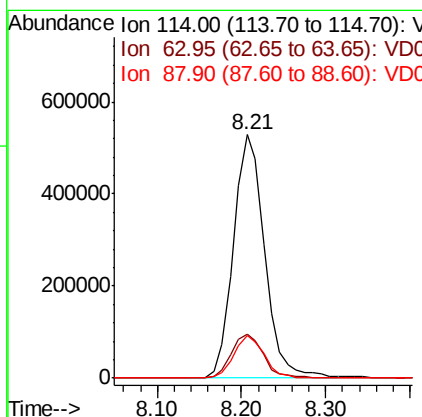
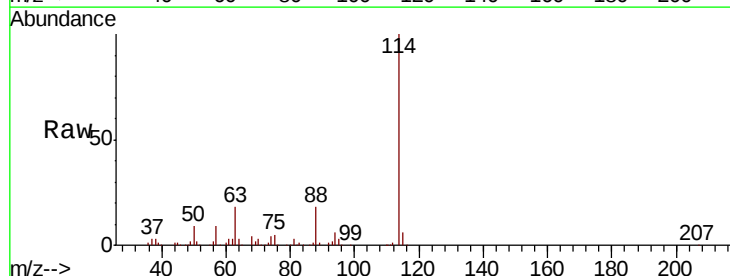
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0730SBSD02

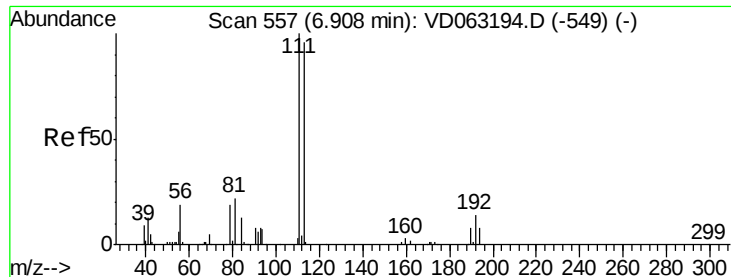
Tot Ion: 65 Resp: 574191  
 Ion Ratio Lower Upper  
 65 100  
 67 40.5 0.0 85.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.21 min Scan# 689  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Tgt Ion: 114 Resp: 1360672  
 Ion Ratio Lower Upper  
 114 100  
 63 17.9 0.0 35.2  
 88 17.8 0.0 34.6





#35

Dibromofluoromethane

Concen: 55.163 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0730SBSD02

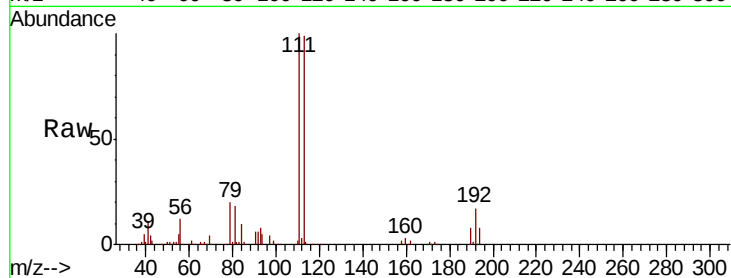
Tot Ion:113 Resp: 640841

Ion Ratio Lower Upper

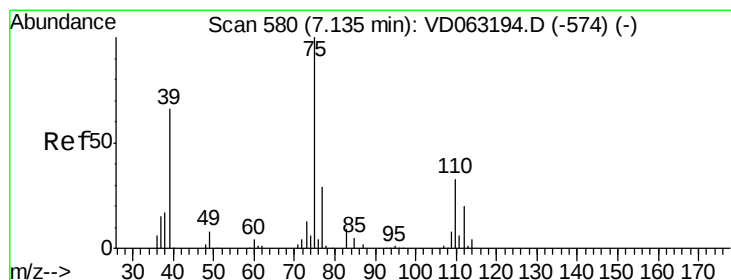
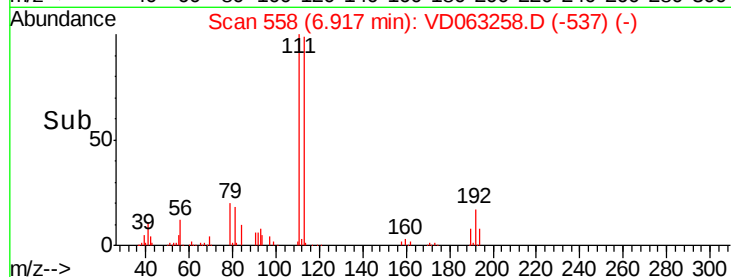
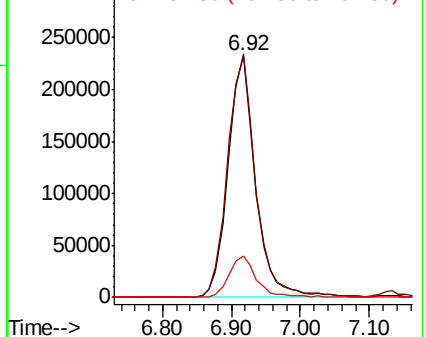
113 100

111 100.7 83.2 124.8

192 17.3 11.8 17.8



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: 19.035 ug/l

RT: 7.13 min Scan# 580

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

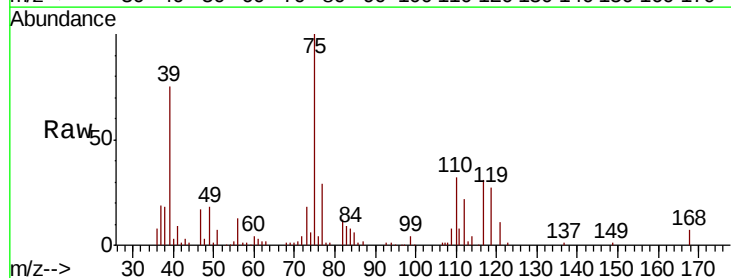
Tgt Ion: 75 Resp: 236370

Ion Ratio Lower Upper

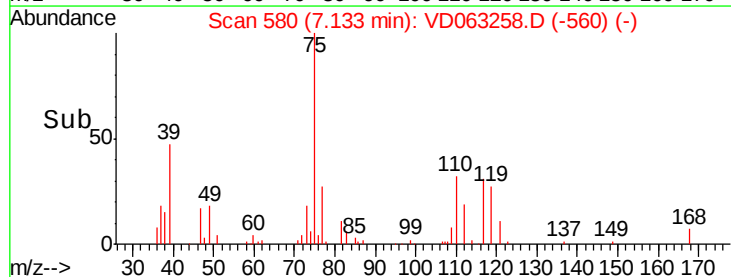
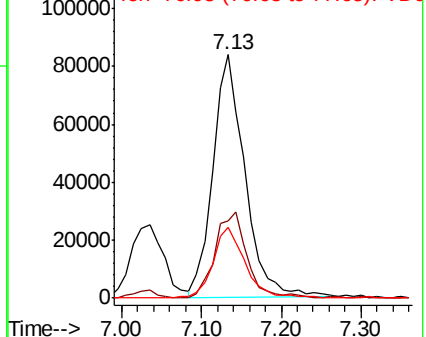
75 100

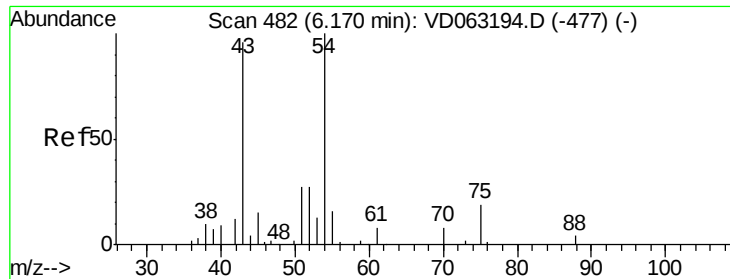
110 31.7 16.1 48.2

77 28.9 22.7 34.1



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

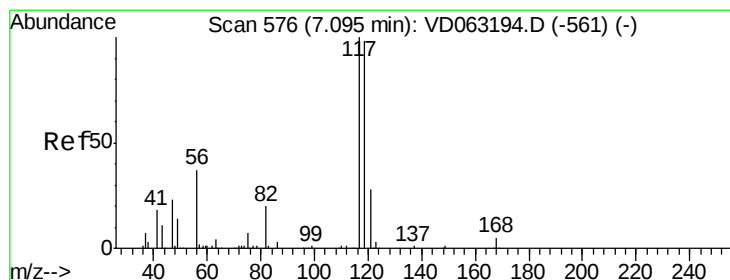
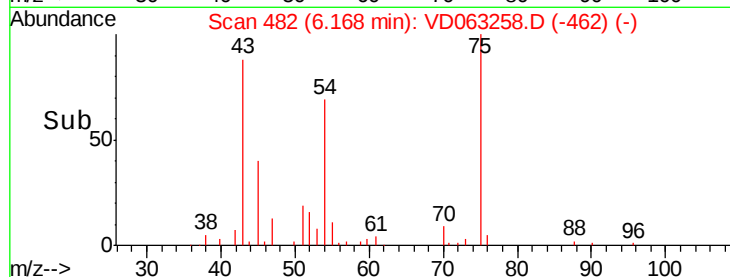
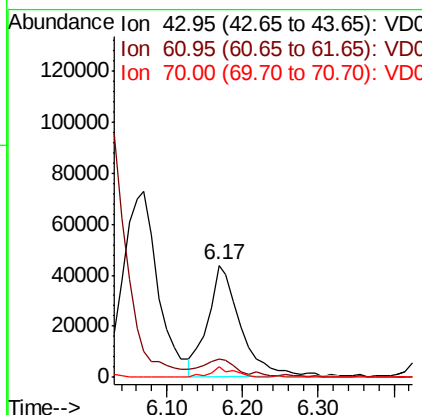
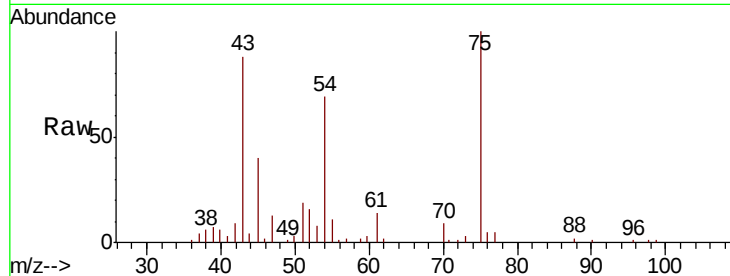




#37  
Ethyl Acetate  
Concen: 23.316 ug/l  
RT: 6.17 min Scan# 482  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

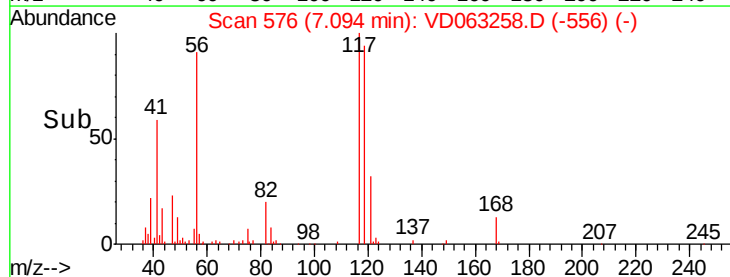
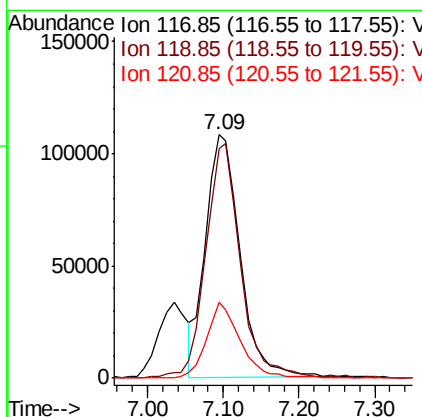
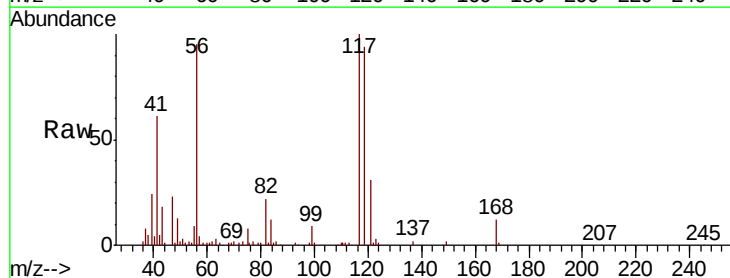
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBS02

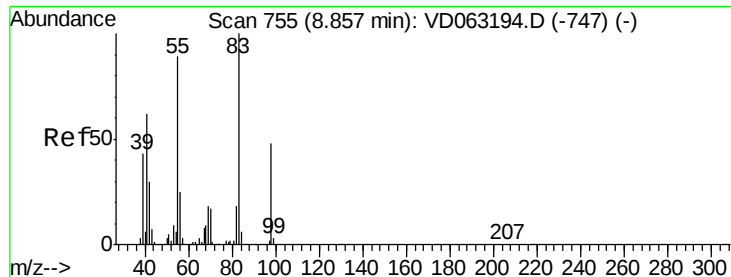
Tot Ion: 43 Resp: 130075  
Ion Ratio Lower Upper  
43 100  
61 16.1 11.3 16.9  
70 10.0 5.1 7.7#



#38  
Carbon Tetrachloride  
Concen: 18.235 ug/l  
RT: 7.09 min Scan# 576  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion: 117 Resp: 340895  
Ion Ratio Lower Upper  
117 100  
119 94.3 78.2 117.2  
121 31.1 22.1 33.1

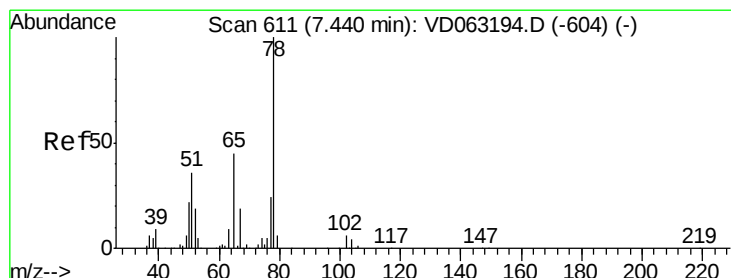
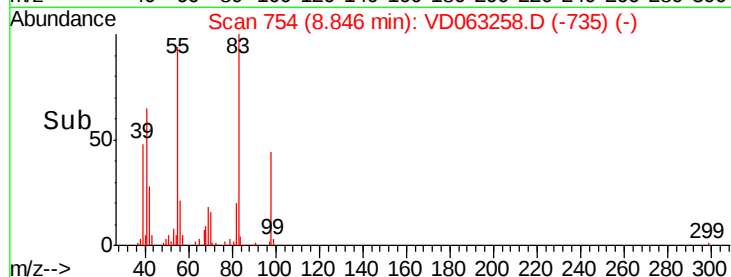
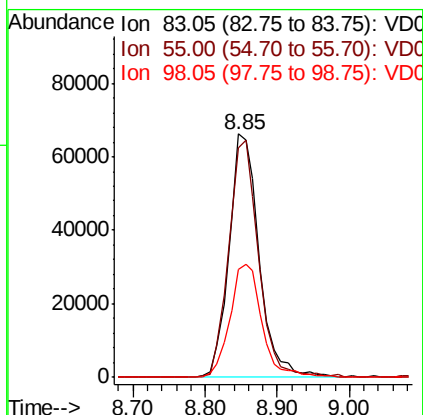
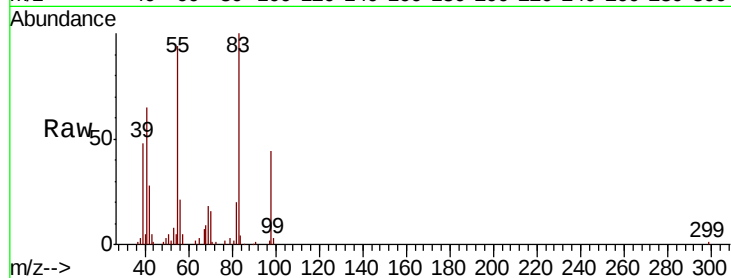




#39  
Methvlcvclohexane  
Concen: 18.556 ug/l  
RT: 8.85 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

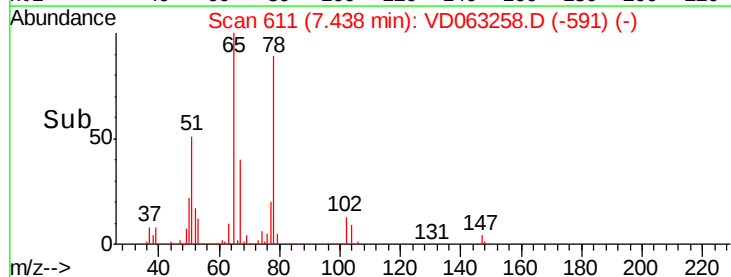
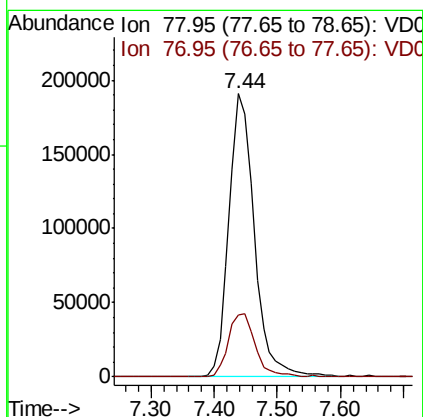
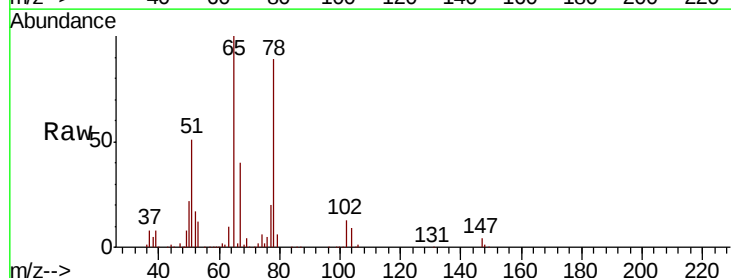
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBS02

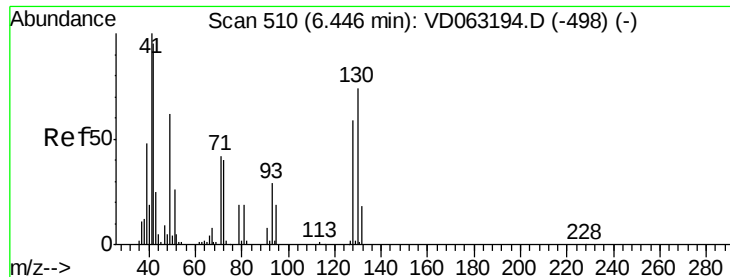
Tot Ion: 83 Resp: 191978  
Ion Ratio Lower Upper  
83 100  
55 94.2 71.1 106.7  
98 44.5 38.5 57.7



#40  
Benzene  
Concen: 20.457 ug/l  
RT: 7.44 min Scan# 611  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion: 78 Resp: 532412  
Ion Ratio Lower Upper  
78 100  
77 21.9 19.4 29.2





#41

Methacrylonitrile

Concen: 21.166 ug/l

RT: 6.45 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0730SBS02

Tot Ion: 41 Resp: 141250

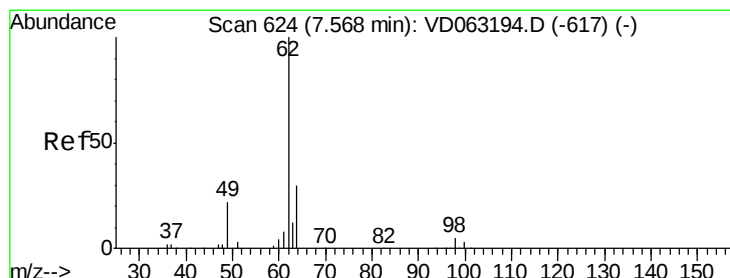
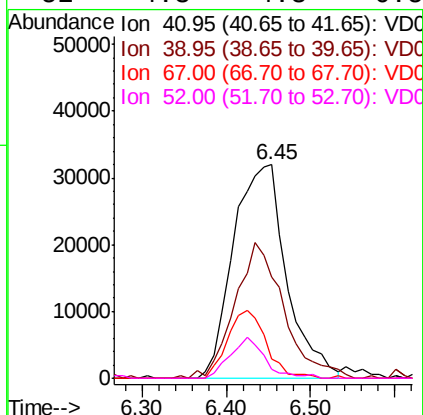
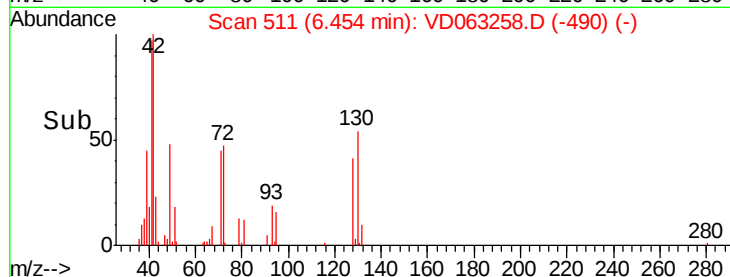
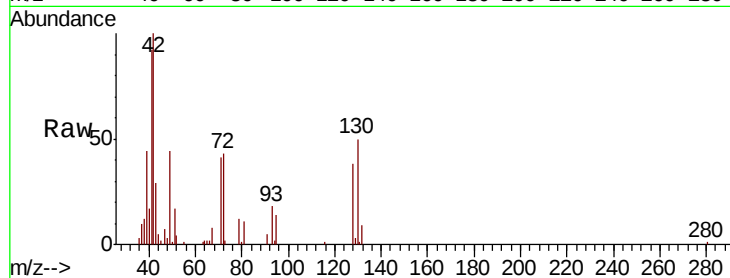
Ion Ratio Lower Upper

41 100

39 47.6 38.4 57.6

67 8.9 6.7 10.1

52 4.3 4.3 6.5#



#42

1,2-Dichloroethane

Concen: 22.003 ug/l

RT: 7.57 min Scan# 624

Delta R.T. -0.00 min

Lab File: VD063258.D

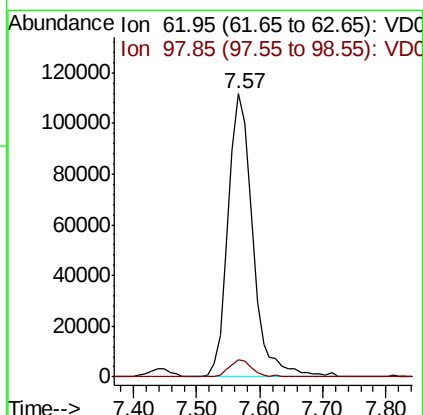
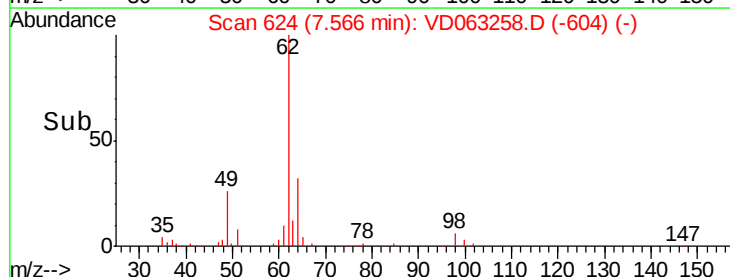
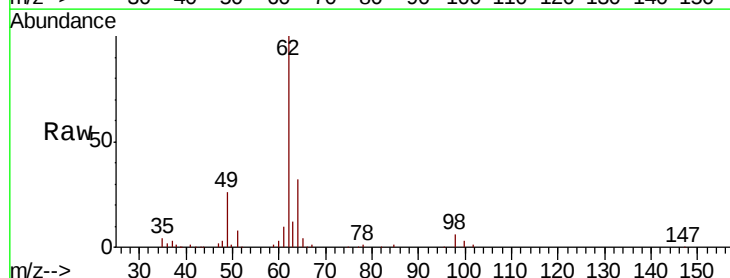
Acq: 31 Jul 2019 1:05

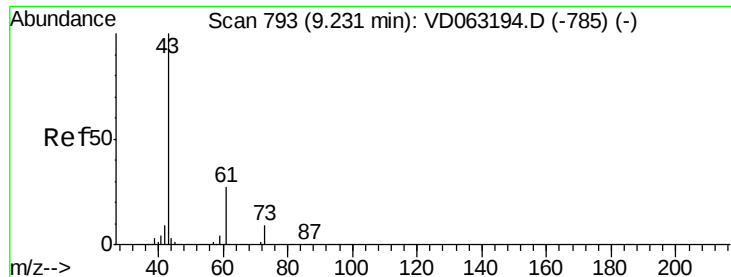
Tgt Ion: 62 Resp: 303489

Ion Ratio Lower Upper

62 100

98 6.1 0.0 9.8

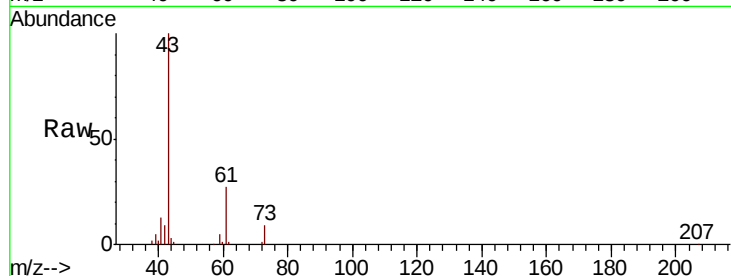




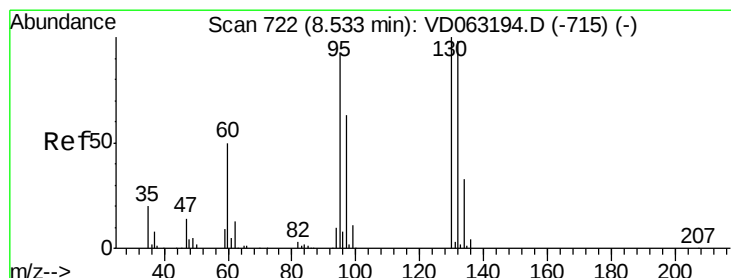
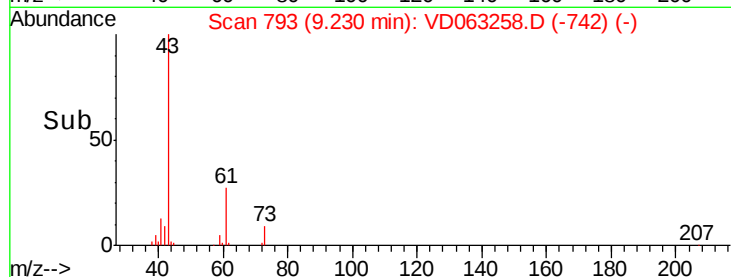
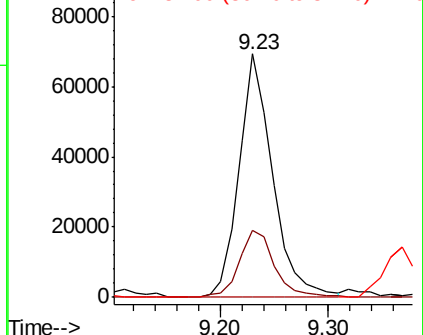
#43  
Isopropyl Acetate  
Concen: 21.040 ug/l  
RT: 9.23 min Scan# 793  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBS02

Tot Ion: 43 Resp: 149941  
Ion Ratio Lower Upper  
43 100  
61 27.4 21.4 32.0  
87 0.0 0.2 0.4#

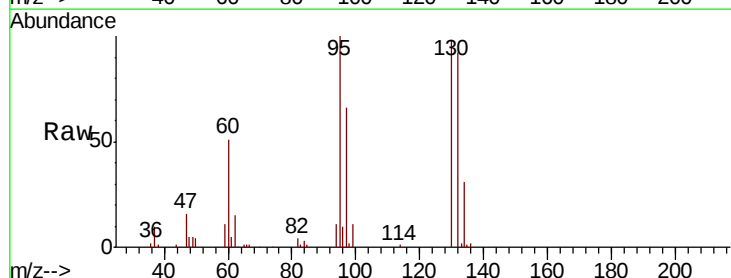


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 87.00 (86.70 to 87.70): VDC

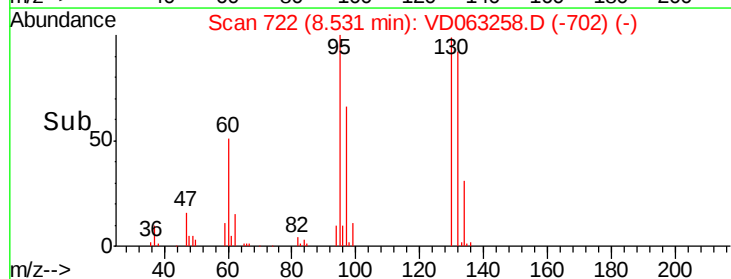
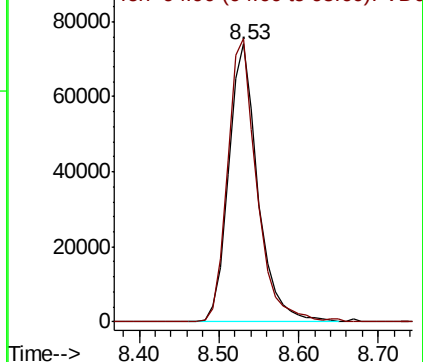


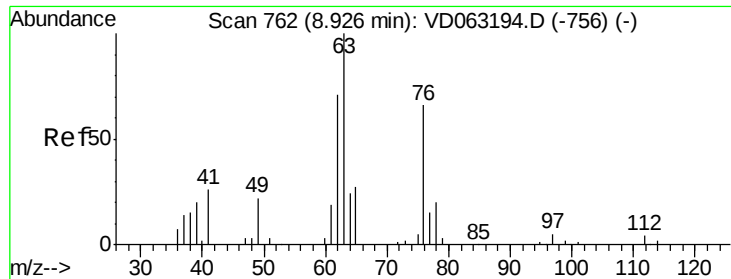
#44  
Trichloroethene  
Concen: 18.017 ug/l  
RT: 8.53 min Scan# 722  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion: 130 Resp: 190002  
Ion Ratio Lower Upper  
130 100  
95 101.9 0.0 185.4



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





#45

1,2-Dichloropropane

Concen: 20.850 ug/l

RT: 8.92 min Scan# 762

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

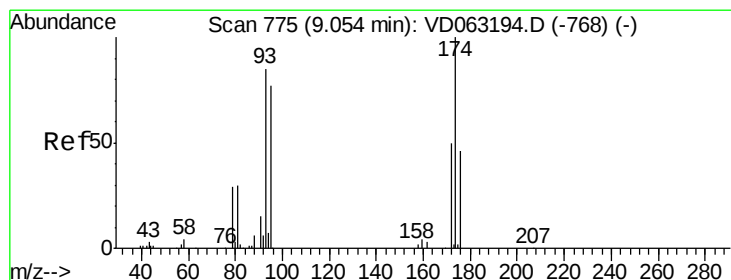
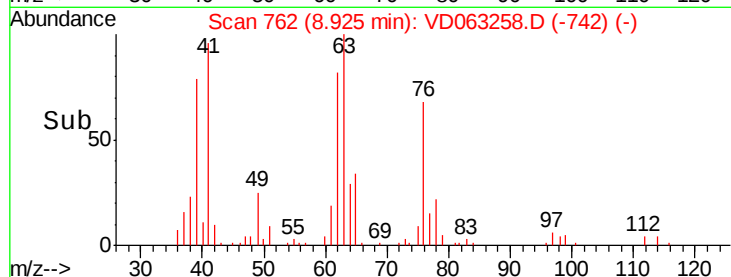
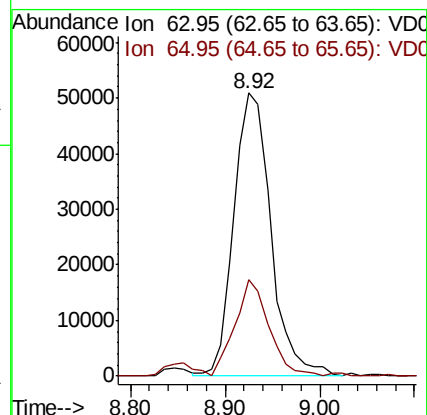
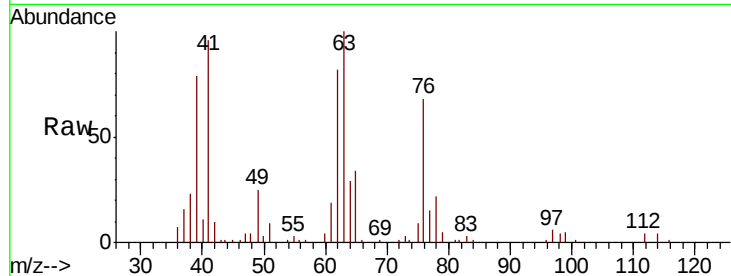
VD0730SBS02

Tot Ion: 63 Resp: 137922

Ion Ratio Lower Upper

63 100

65 34.3 23.6 35.4



#46

Dibromomethane

Concen: 21.361 ug/l

RT: 9.05 min Scan# 775

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

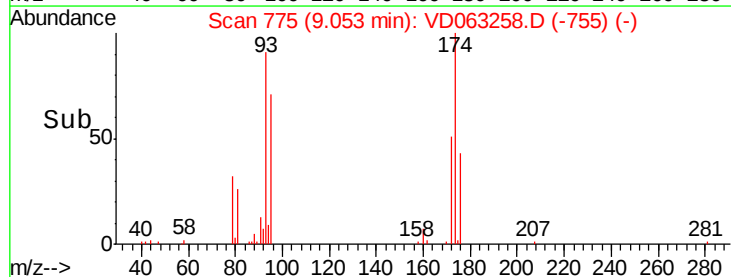
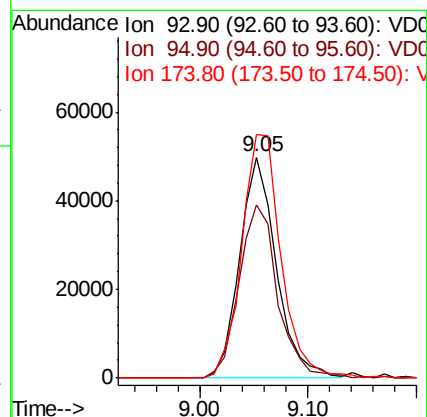
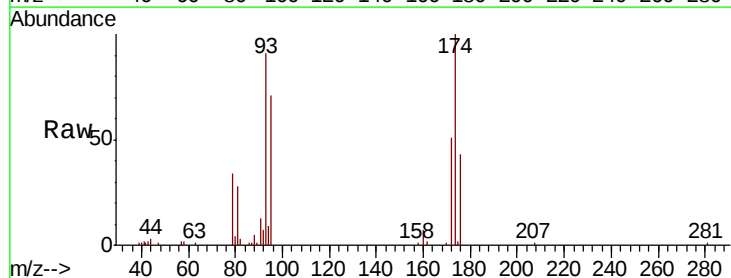
Tgt Ion: 93 Resp: 117491

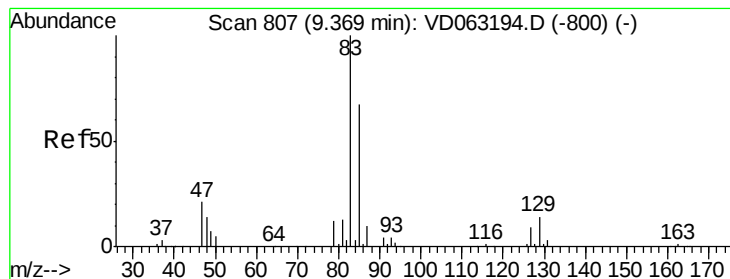
Ion Ratio Lower Upper

93 100

95 78.5 72.8 109.2

174 110.2 94.4 141.6





#47

Bromodichloromethane

Concen: 21.140 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0730SBSD02

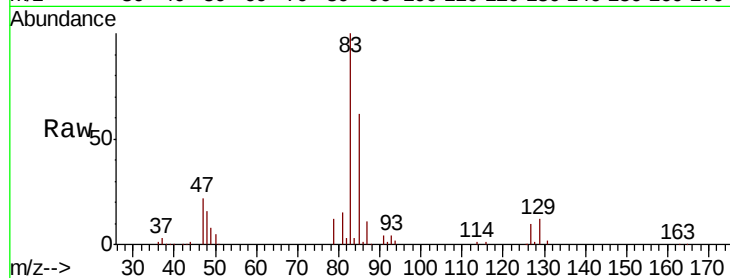
Tot Ion: 83 Resp: 296394

Ion Ratio Lower Upper

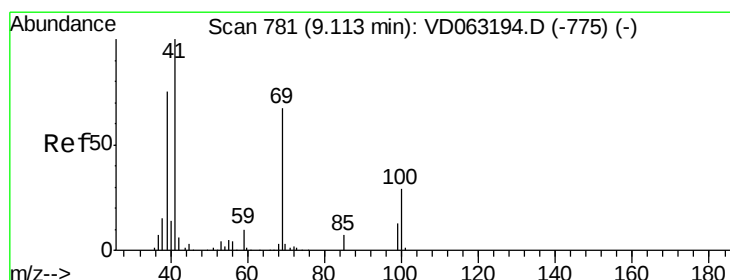
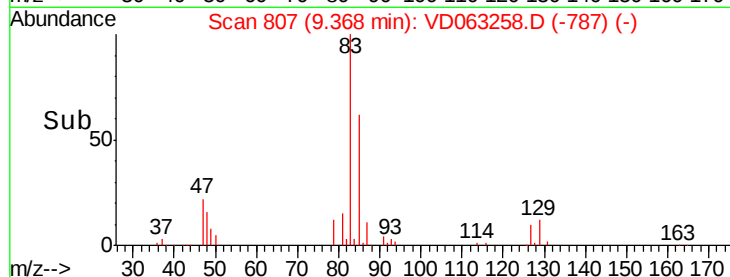
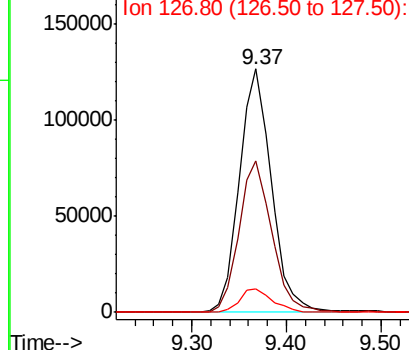
83 100

85 62.3 53.6 80.4

127 9.7 7.2 10.8



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: 21.280 ug/l

RT: 9.11 min Scan# 781

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

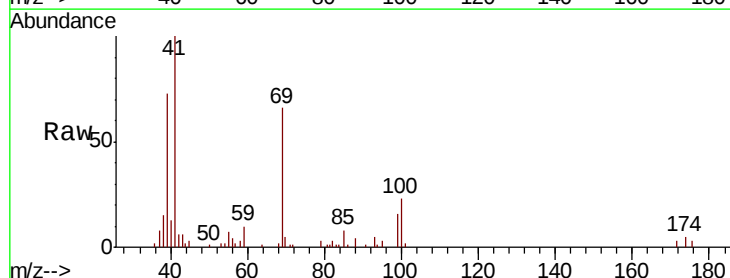
Tgt Ion: 41 Resp: 98356

Ion Ratio Lower Upper

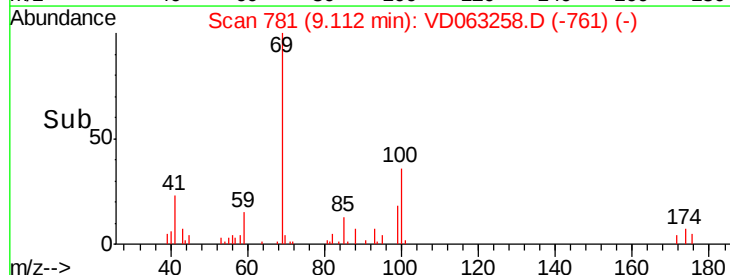
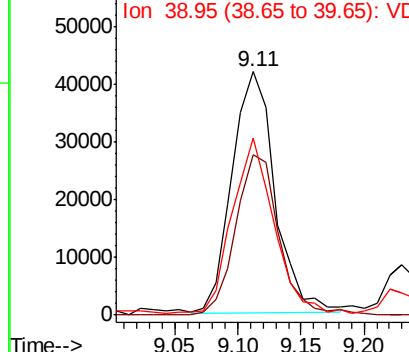
41 100

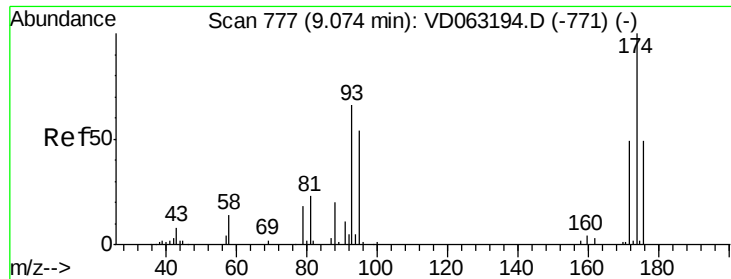
69 65.7 53.4 80.0

39 72.6 60.3 90.5



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

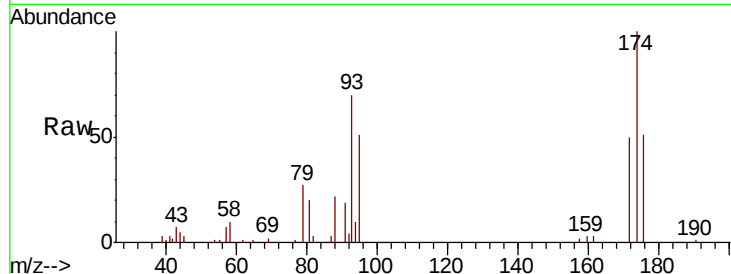




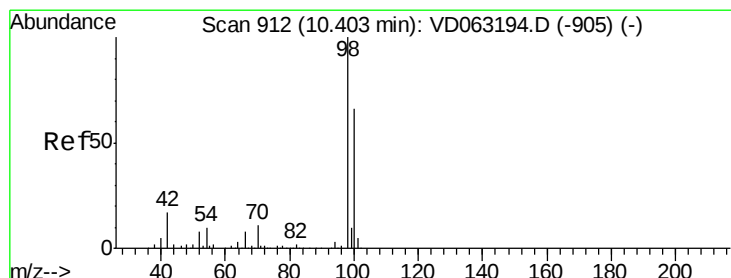
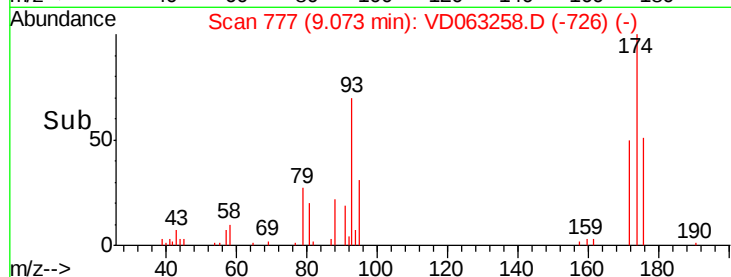
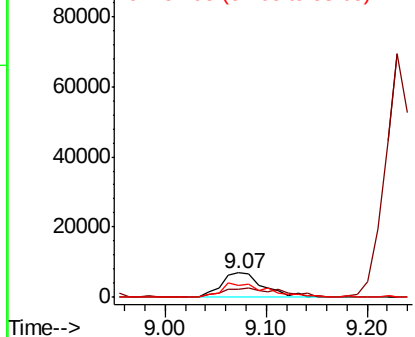
#49  
1,4-Dioxane  
Concen: 511.927 ug/l  
RT: 9.07 min Scan# 777  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBSD02

Tot Ion: 88 Resp: 20122  
Ion Ratio Lower Upper  
88 100  
43 31.1 30.7 46.1  
58 46.9 56.5 84.7#

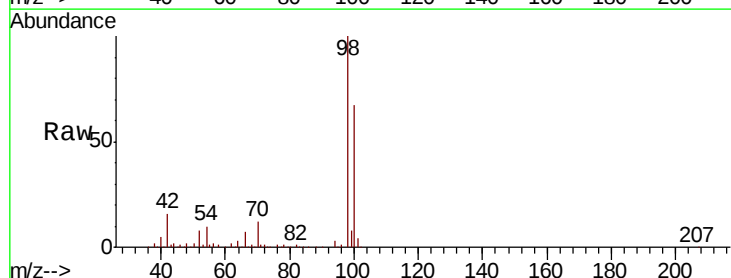


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

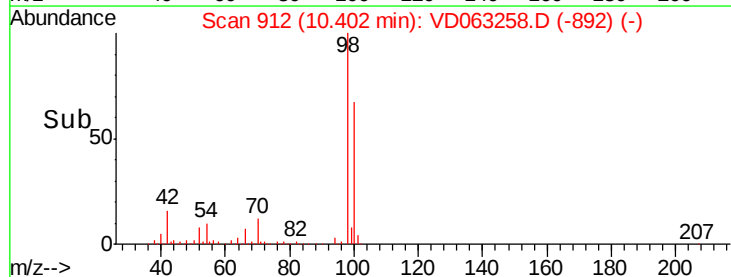
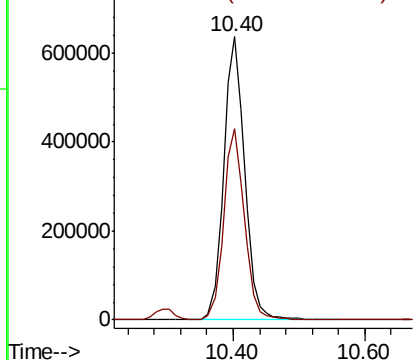


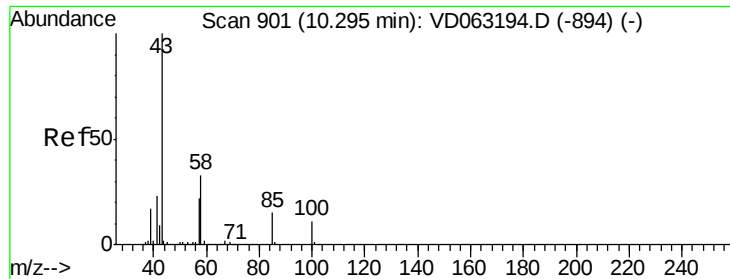
#50  
Toluene-d8  
Concen: 54.331 ug/l  
RT: 10.40 min Scan# 912  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion: 98 Resp: 1412575  
Ion Ratio Lower Upper  
98 100  
100 67.4 53.2 79.8



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

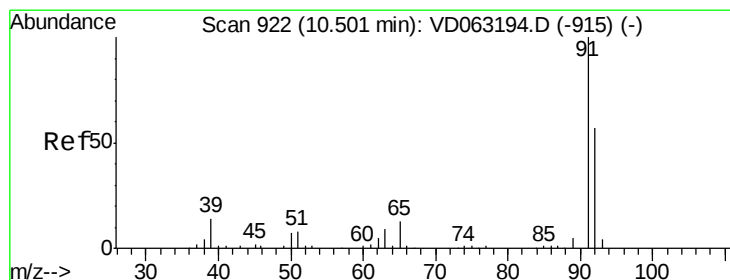
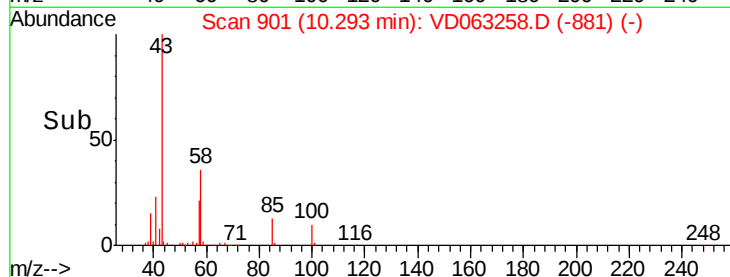
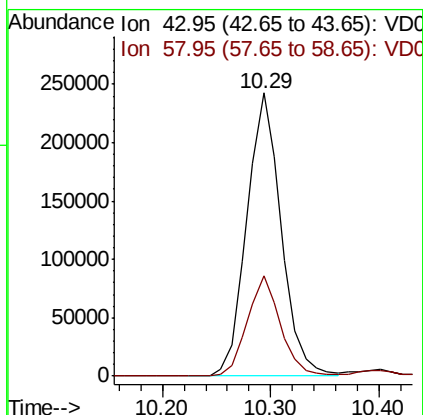
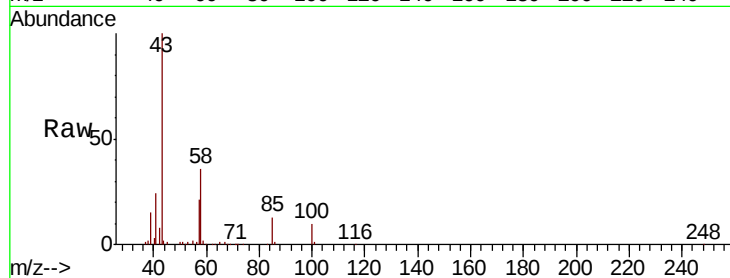




#51  
 4-Methyl-2-Pentanone  
 Concen: 111.065 ug/l  
 RT: 10.29 min Scan# 901  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

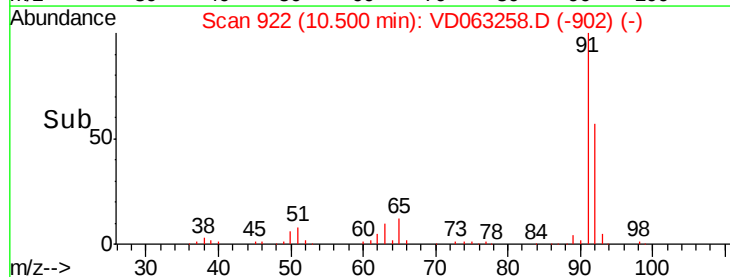
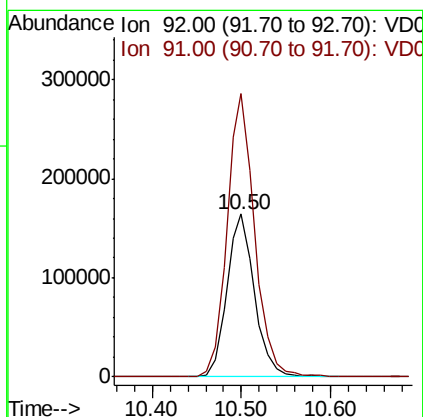
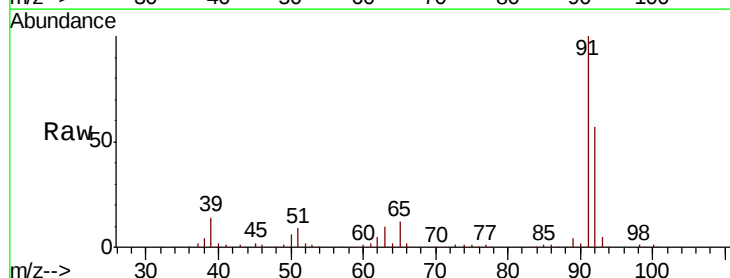
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0730SBS02

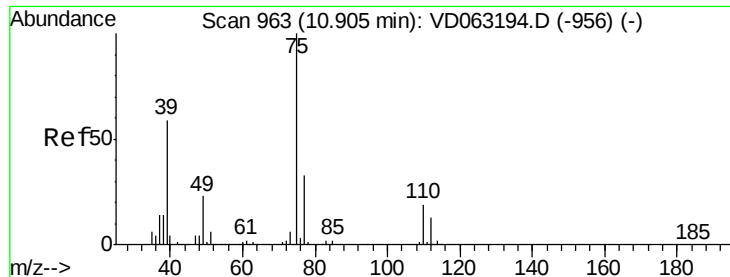
Tot Ion: 43 Resp: 538280  
 Ion Ratio Lower Upper  
 43 100  
 58 35.5 26.2 39.2



#52  
 Toluene  
 Concen: 20.474 ug/l  
 RT: 10.50 min Scan# 922  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Tgt Ion: 92 Resp: 354399  
 Ion Ratio Lower Upper  
 92 100  
 91 174.1 140.8 211.2

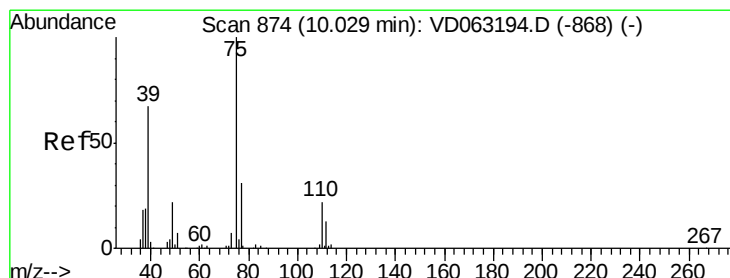
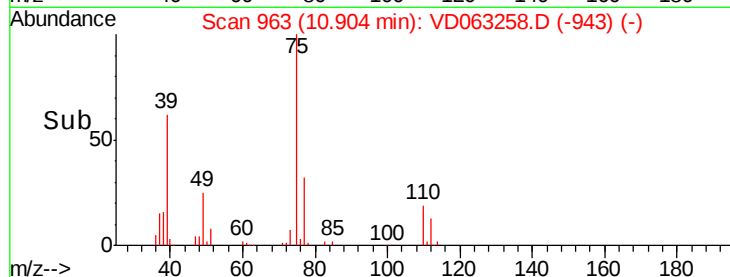
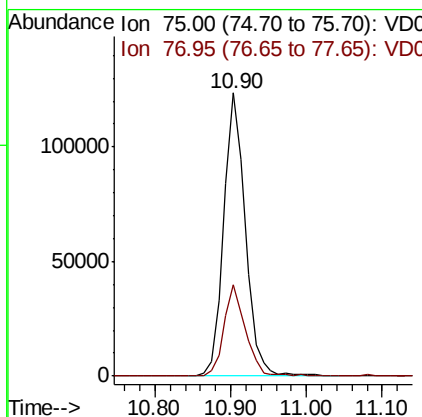
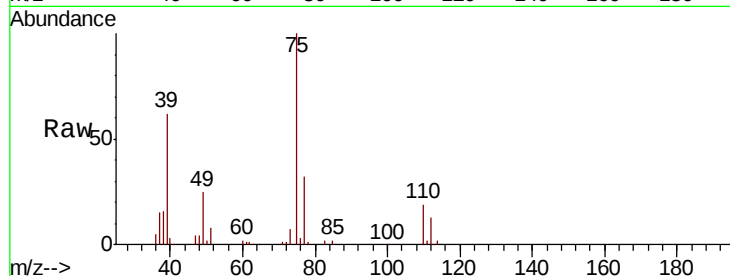




#53  
 t-1,3-Dichloropropene  
 Concen: 20.301 ug/l  
 RT: 10.90 min Scan# 963  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

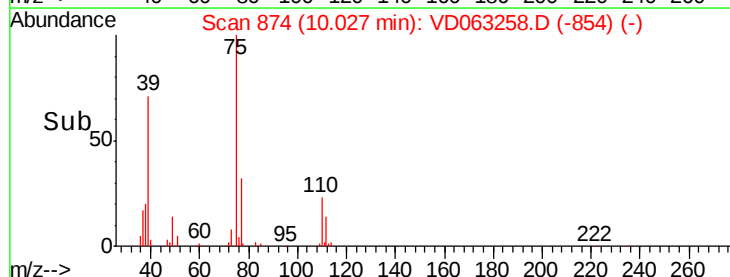
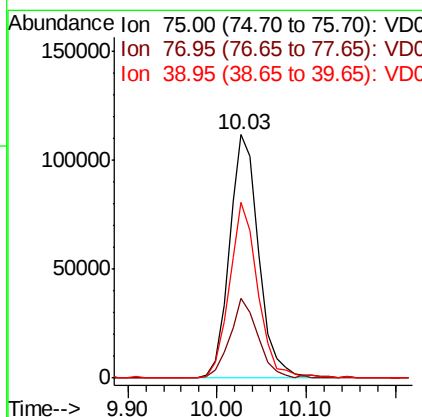
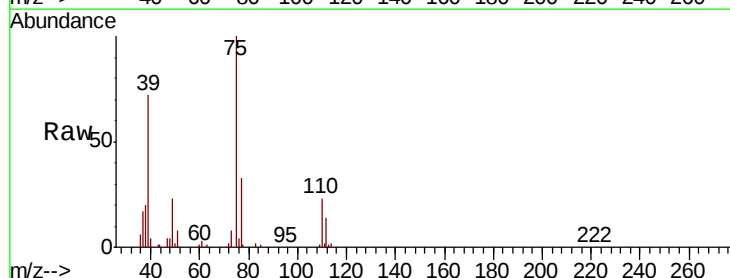
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0730SBS02

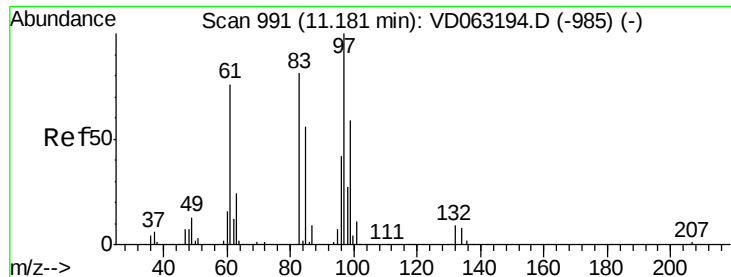
Tot Ion: 75 Resp: 245399  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 26.6 40.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.189 ug/l  
 RT: 10.03 min Scan# 874  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Tgt Ion: 75 Resp: 256475  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 24.9 37.3  
 39 72.3 53.9 80.9

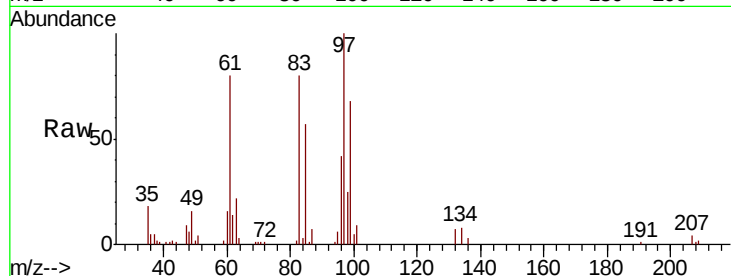




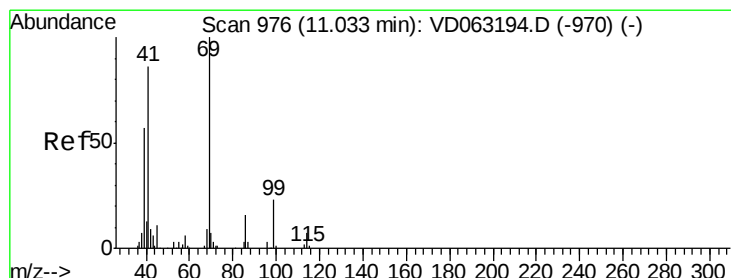
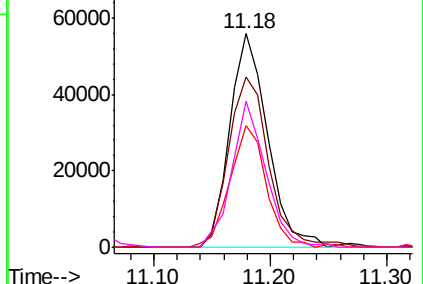
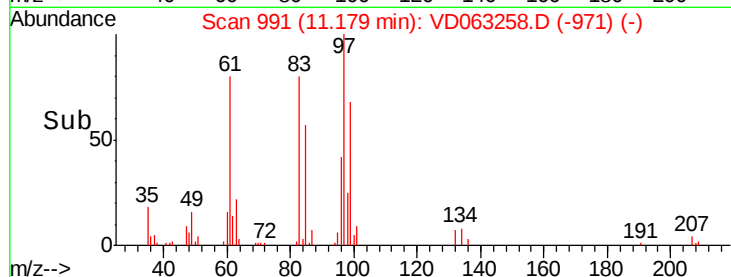
#55  
 1,1,2-Trichloroethane  
 Concen: 21.521 ug/l  
 RT: 11.18 min Scan# 991  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0730SBSD02

Tot Ion: 97 Resp: 125815  
 Ion Ratio Lower Upper  
 97 100  
 83 79.9 64.8 97.2  
 85 56.9 44.9 67.3  
 99 68.1 47.2 70.8

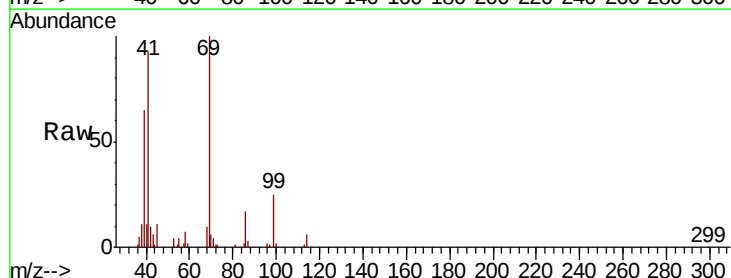


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

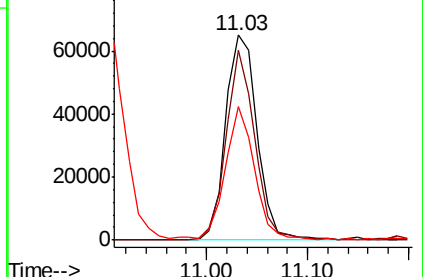
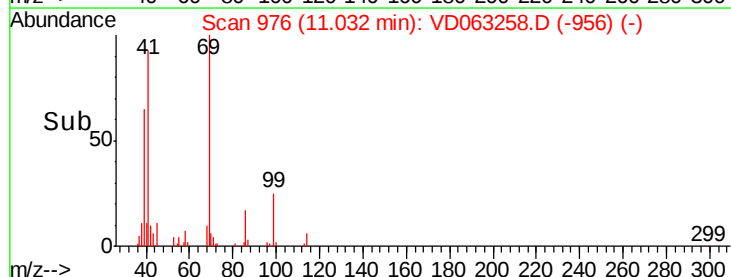


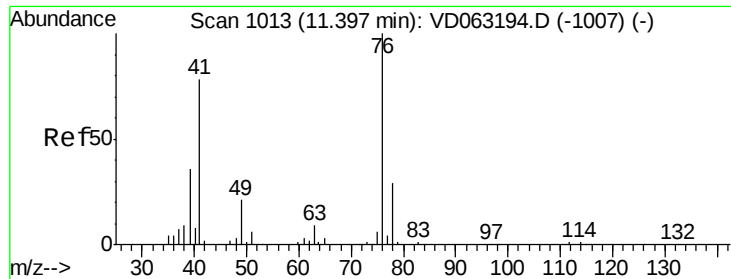
#56  
 Ethyl methacrylate  
 Concen: 21.947 ug/l  
 RT: 11.03 min Scan# 976  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Tgt Ion: 69 Resp: 140494  
 Ion Ratio Lower Upper  
 69 100  
 41 92.6 68.8 103.2  
 39 65.3 45.8 68.8



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: 23.128 ug/l

RT: 11.40 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

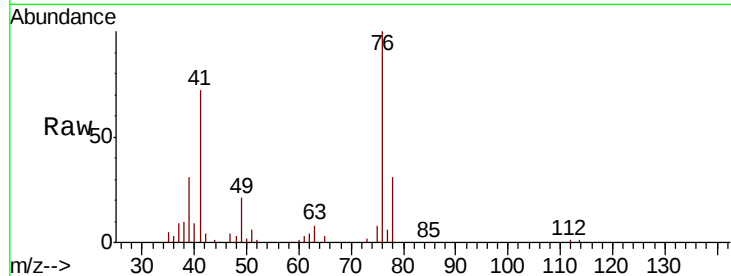
VD0730SBSD02

Tot Ion: 76 Resp: 213026

Ion Ratio Lower Upper

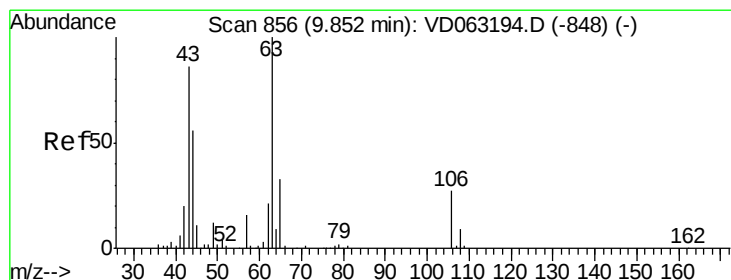
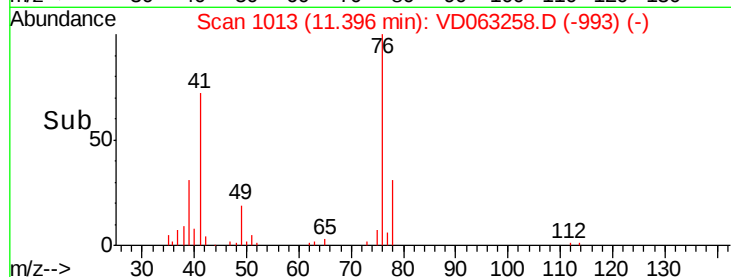
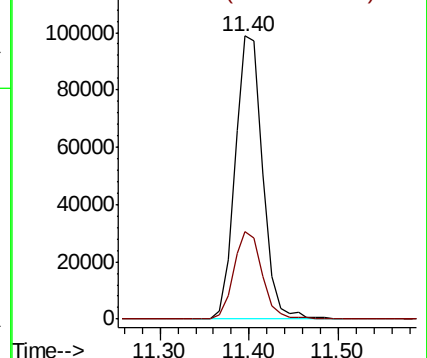
76 100

78 30.8 23.4 35.0



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 114.456 ug/l

RT: 9.85 min Scan# 856

Delta R.T. -0.00 min

Lab File: VD063258.D

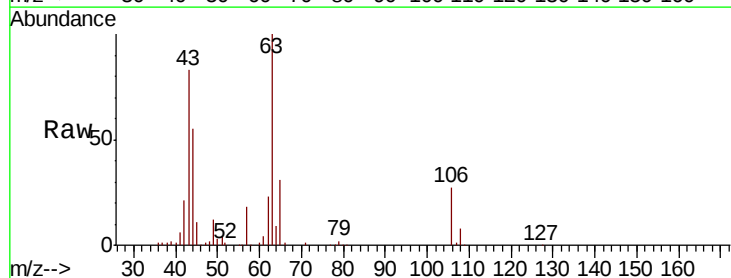
Acq: 31 Jul 2019 1:05

Tgt Ion: 63 Resp: 381253

Ion Ratio Lower Upper

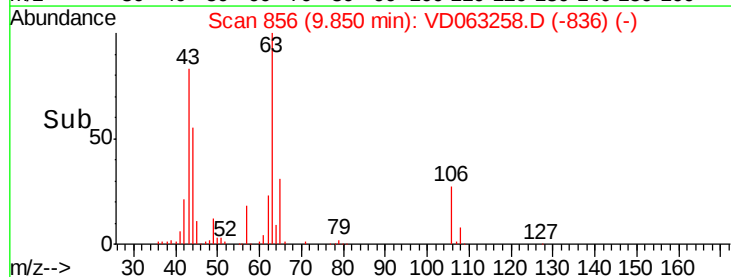
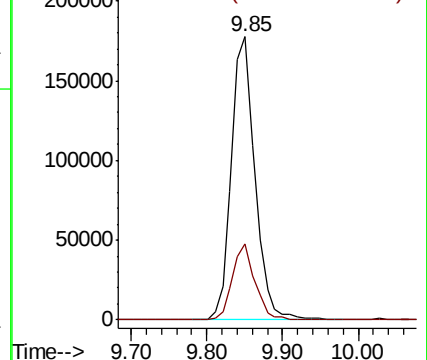
63 100

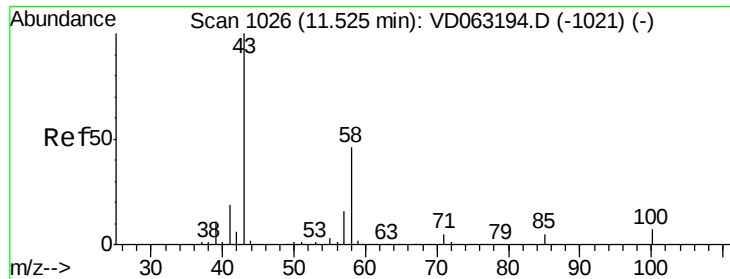
106 27.0 22.0 33.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

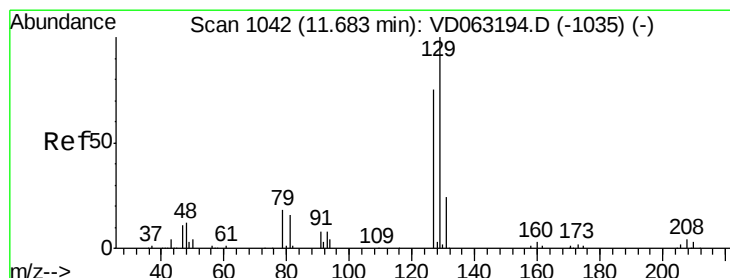
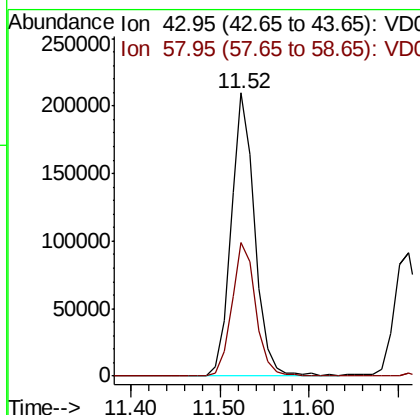
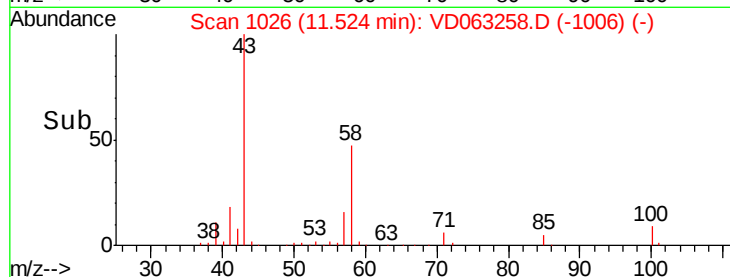
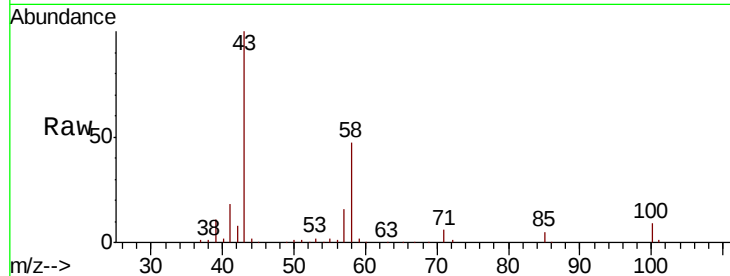




#59  
2-Hexanone  
Concen: 111.543 ug/l  
RT: 11.52 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

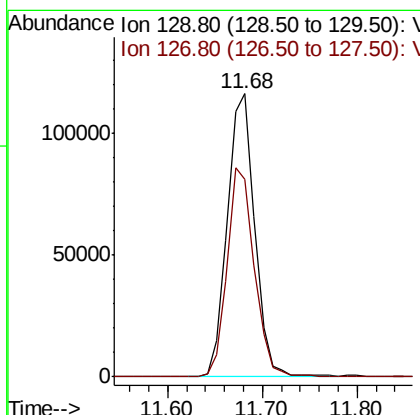
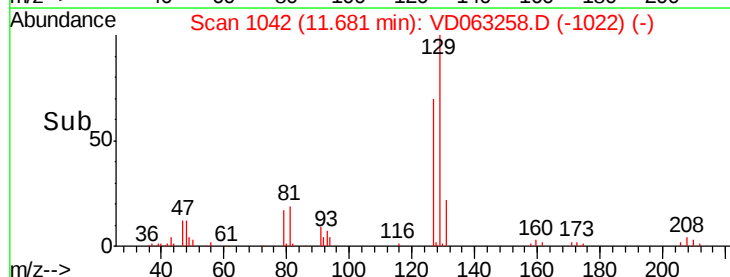
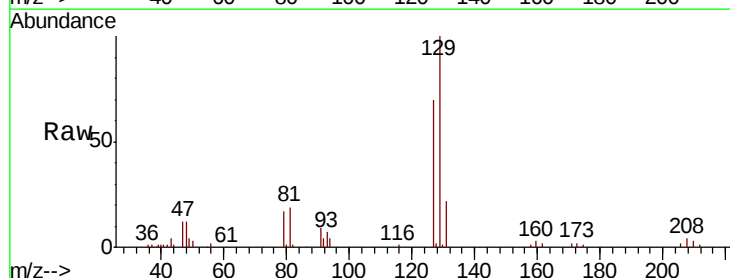
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBSD02

Tot Ion: 43 Resp: 389578  
Ion Ratio Lower Upper  
43 100  
58 47.0 22.9 68.5



#60  
Dibromochloromethane  
Concen: 21.100 ug/l  
RT: 11.68 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion: 129 Resp: 232870  
Ion Ratio Lower Upper  
129 100  
127 69.7 37.6 112.8

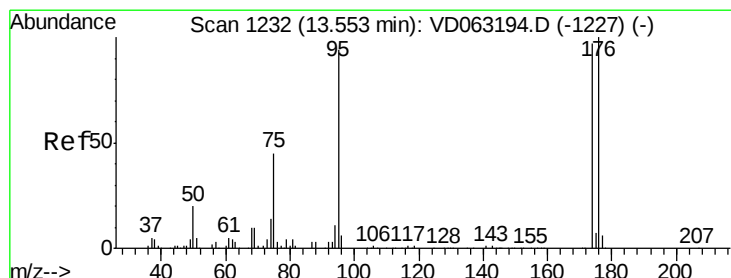
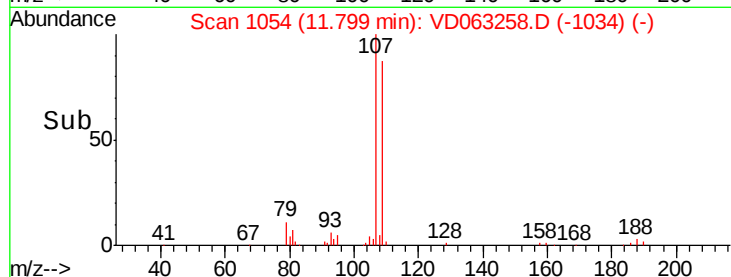
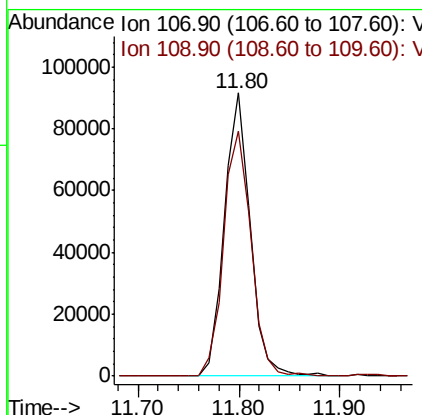
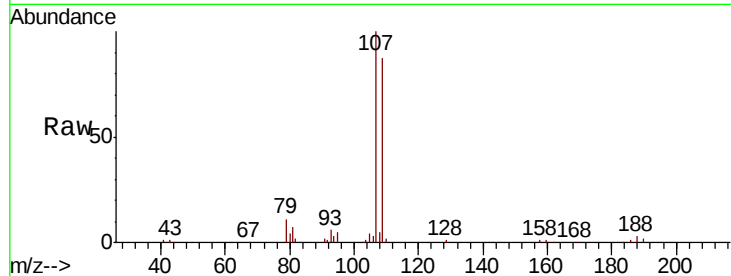




#61  
 1,2-Dibromoethane  
 Concen: 22.570 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

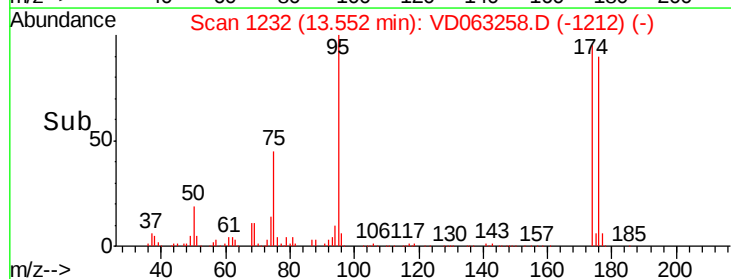
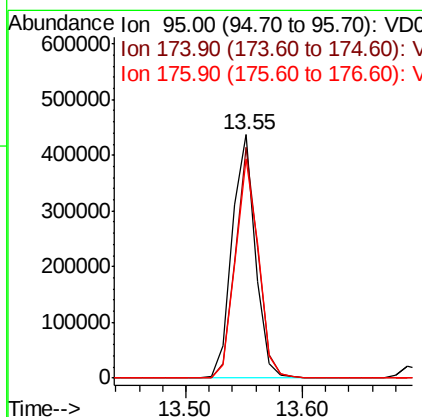
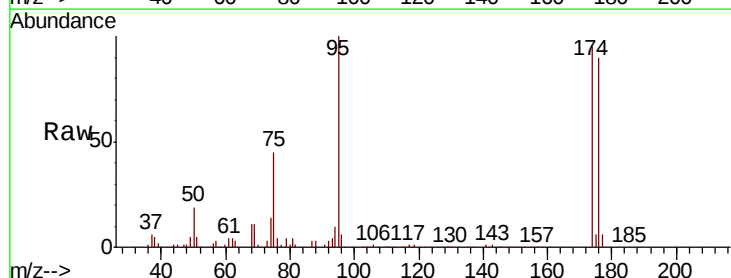
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0730SBSD02

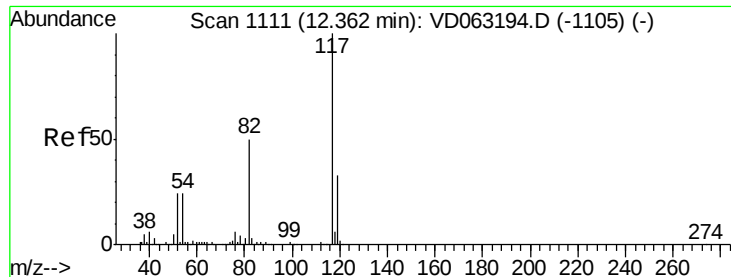
Tot Ion:107 Resp: 162811  
 Ion Ratio Lower Upper  
 107 100  
 109 86.6 77.5 116.3



#62  
 4-Bromofluorobenzene  
 Concen: 50.697 ug/l  
 RT: 13.55 min Scan# 1232  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Tgt Ion: 95 Resp: 600649  
 Ion Ratio Lower Upper  
 95 100  
 174 94.6 0.0 205.4  
 176 90.2 0.0 211.8

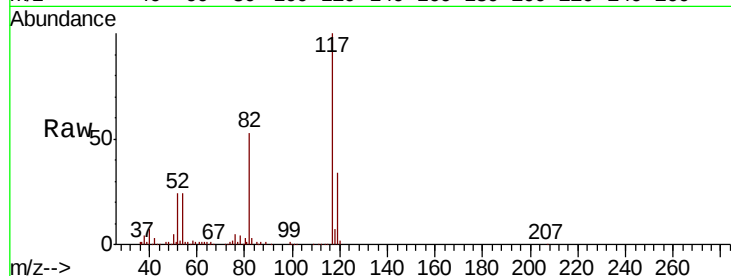




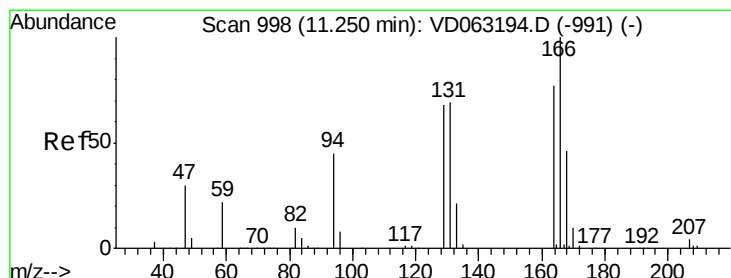
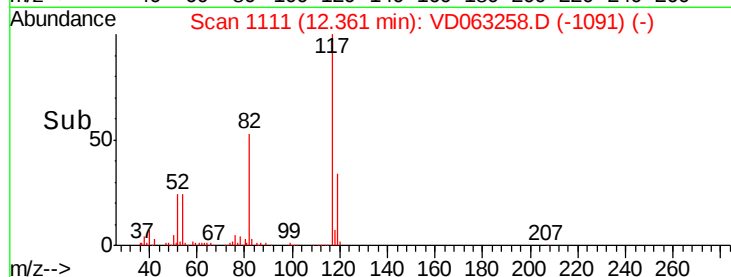
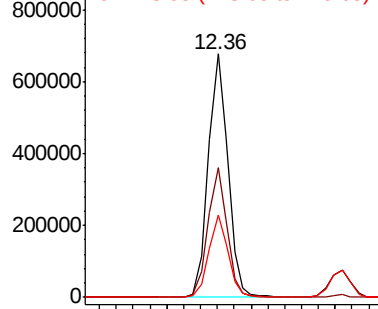
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBSD02

Tot Ion:117 Resp: 1104762  
Ion Ratio Lower Upper  
117 100  
82 53.3 40.1 60.1  
119 33.8 26.5 39.7

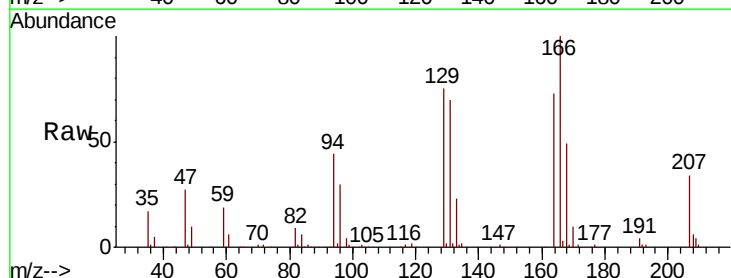


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

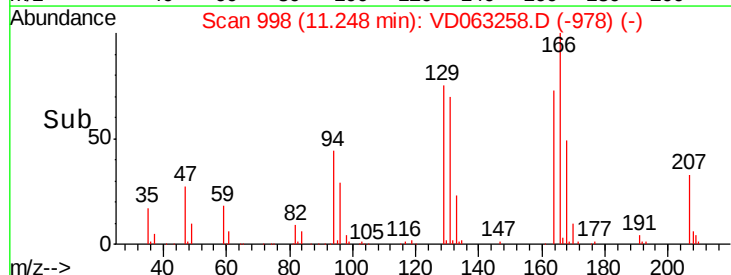
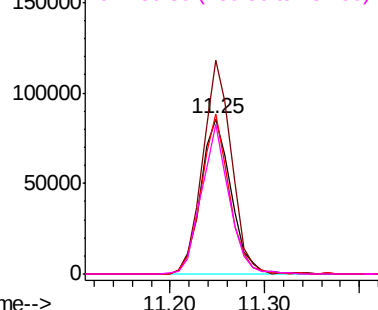


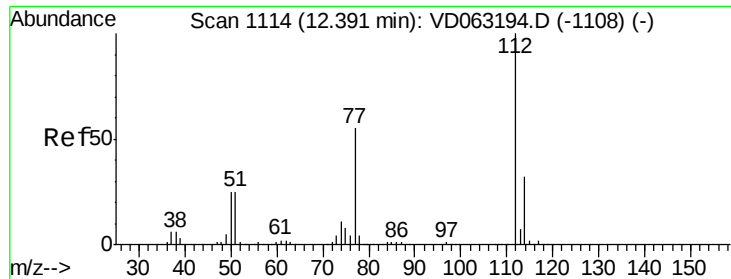
#64  
Tetrachloroethene  
Concen: 21.679 ug/l  
RT: 11.25 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion:164 Resp: 190799  
Ion Ratio Lower Upper  
164 100  
166 137.7 104.3 156.5  
129 103.0 70.9 106.3  
131 96.5 71.6 107.4



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

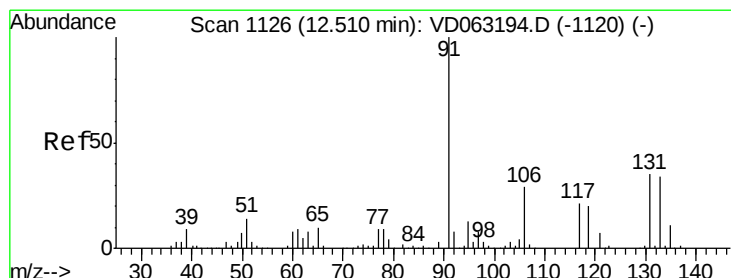
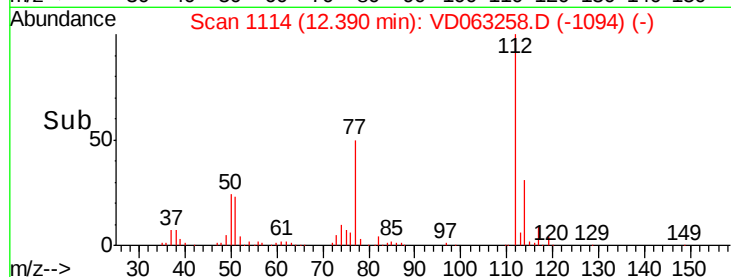
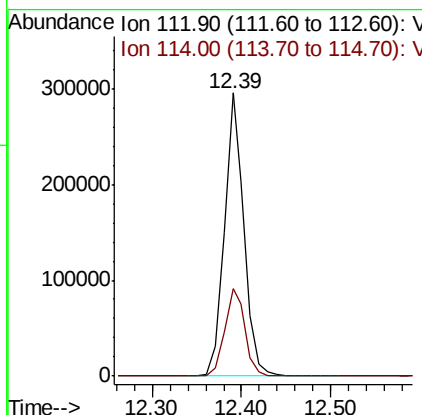
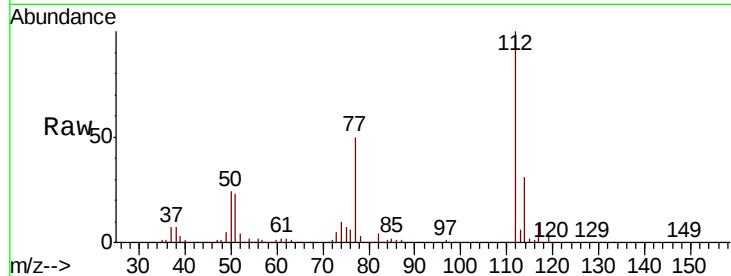




#65  
Chlorobenzene  
Concen: 21.375 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

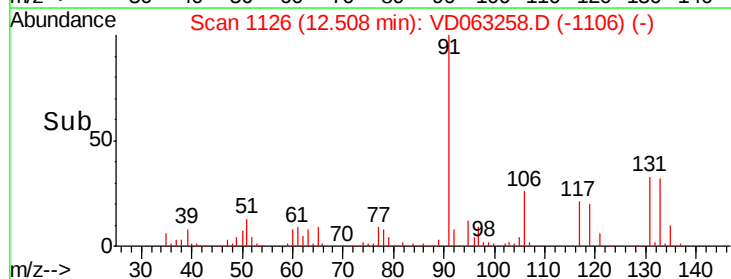
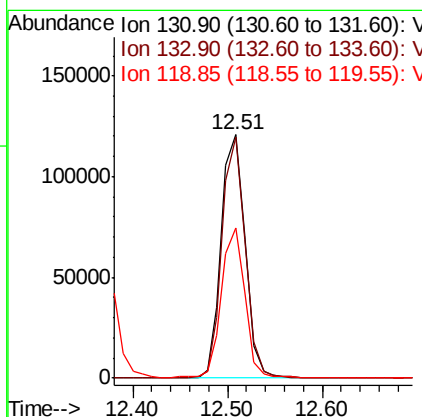
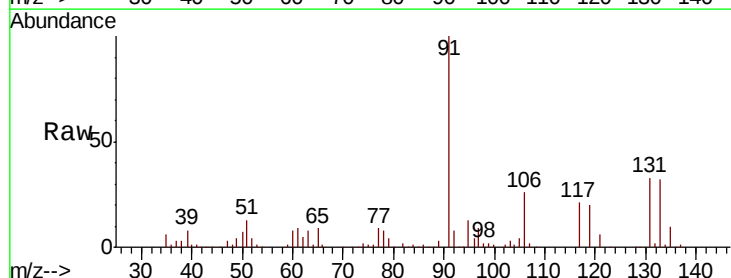
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBSD02

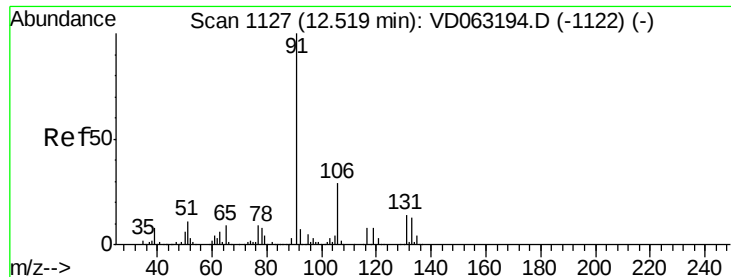
Tot Ion:112 Resp: 454210  
Ion Ratio Lower Upper  
112 100  
114 31.0 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.692 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion:131 Resp: 212405  
Ion Ratio Lower Upper  
131 100  
133 99.2 48.4 145.2  
119 61.9 29.1 87.3

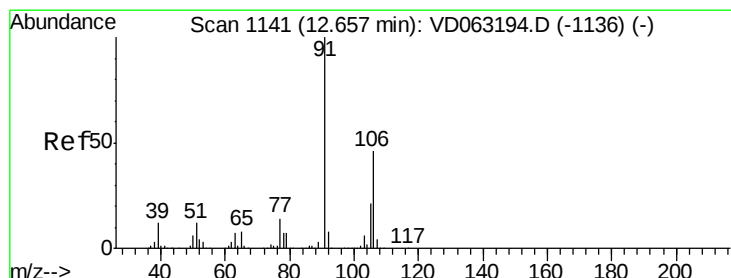
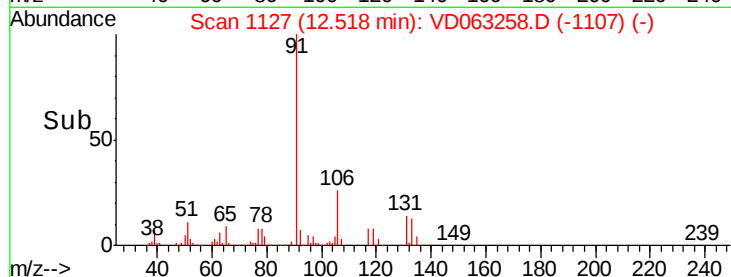
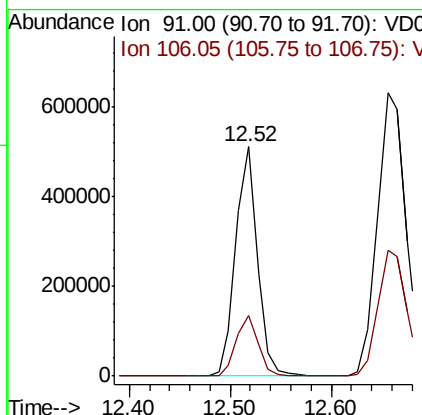
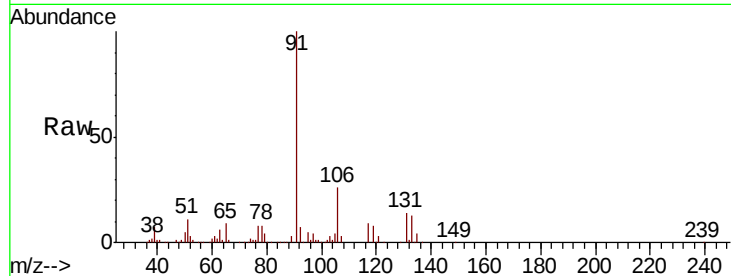




#67  
Ethyl Benzene  
Concen: 21.194 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

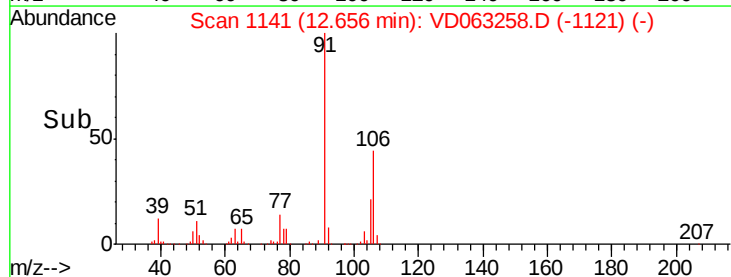
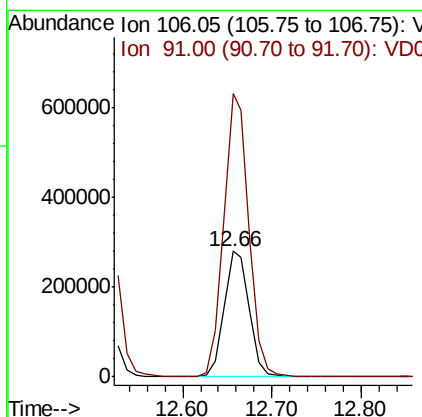
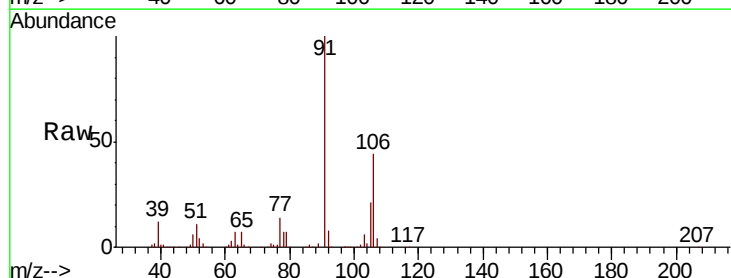
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBS02

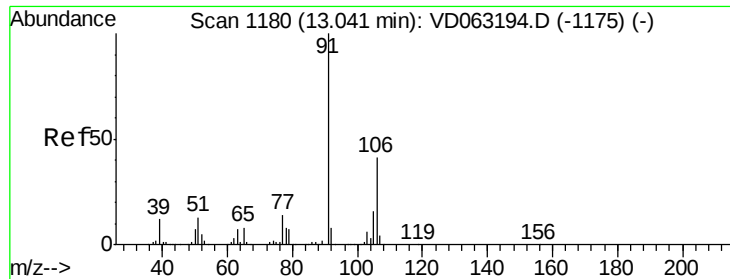
Tot Ion: 91 Resp: 765052  
Ion Ratio Lower Upper  
91 100  
106 26.2 22.9 34.3



#68  
m/p-Xylenes  
Concen: 41.607 ug/l  
RT: 12.66 min Scan# 1141  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion: 106 Resp: 550811  
Ion Ratio Lower Upper  
106 100  
91 225.5 172.6 259.0

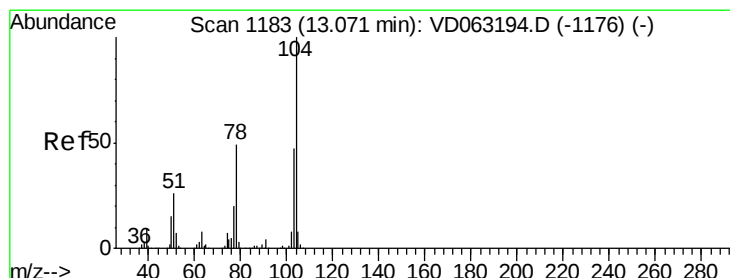
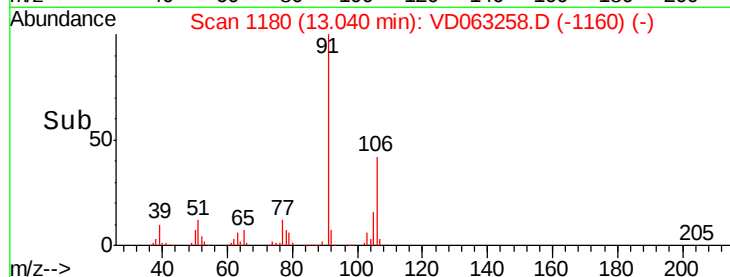
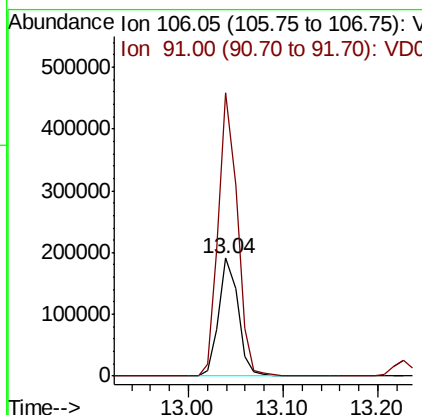
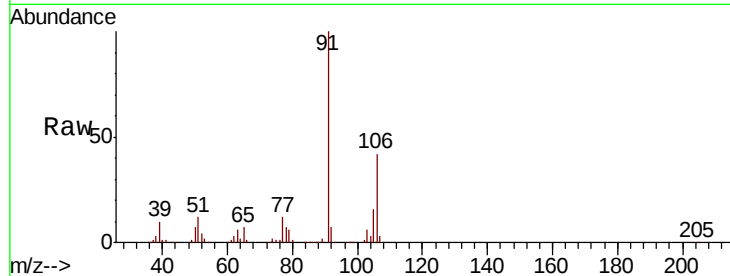




#69  
o-Xylene  
Concen: 22.452 ug/l  
RT: 13.04 min Scan# 1180  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

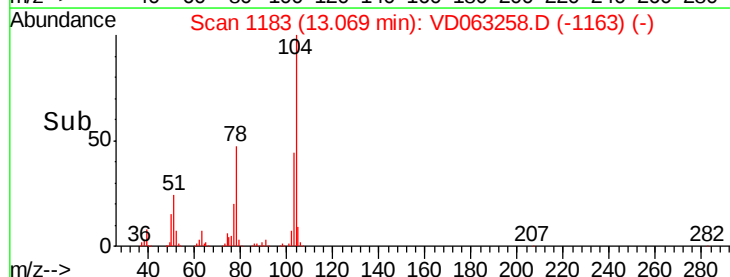
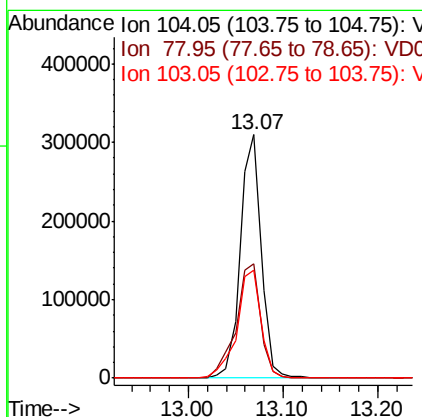
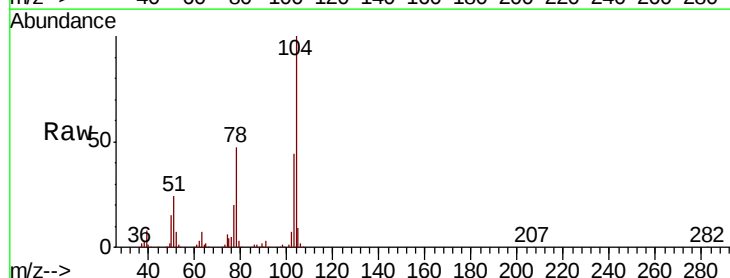
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBSD02

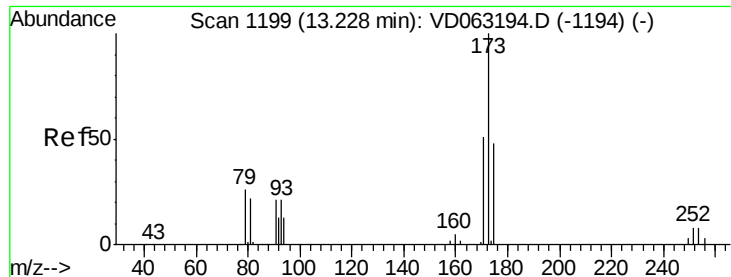
Tot Ion:106 Resp: 272943  
Ion Ratio Lower Upper  
106 100  
91 239.6 121.3 363.9



#70  
Styrene  
Concen: 21.953 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion:104 Resp: 473286  
Ion Ratio Lower Upper  
104 100  
78 46.9 39.4 59.0  
103 44.4 37.4 56.2

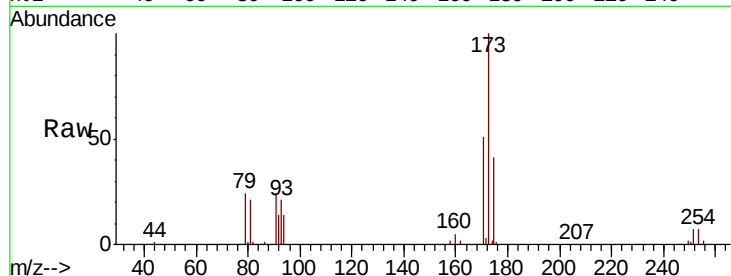




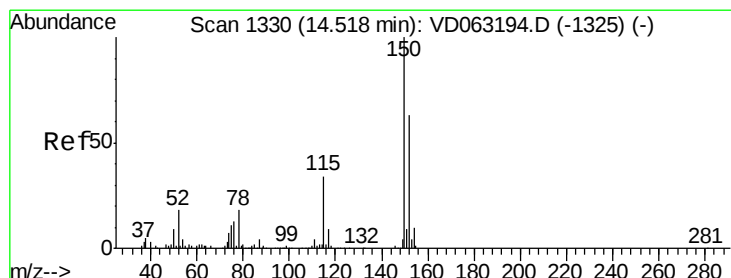
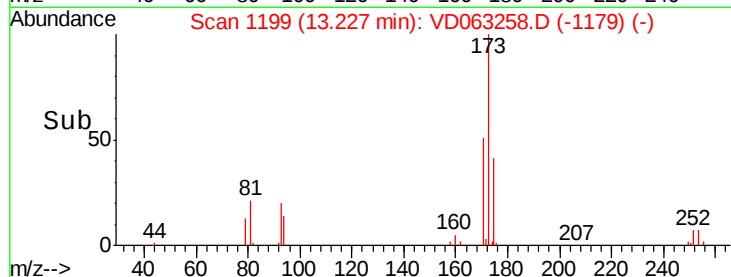
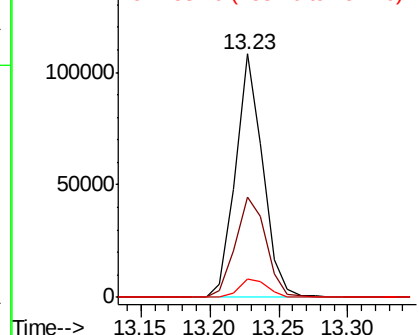
#71  
Bromoform  
Concen: 21.881 ug/l  
RT: 13.23 min Scan# 1199  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBSD02

Tot Ion:173 Resp: 148941  
Ion Ratio Lower Upper  
173 100  
175 41.4 23.8 71.5  
254 7.3 6.6 10.0

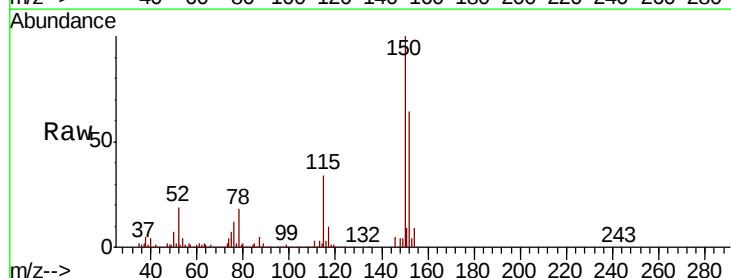


Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V

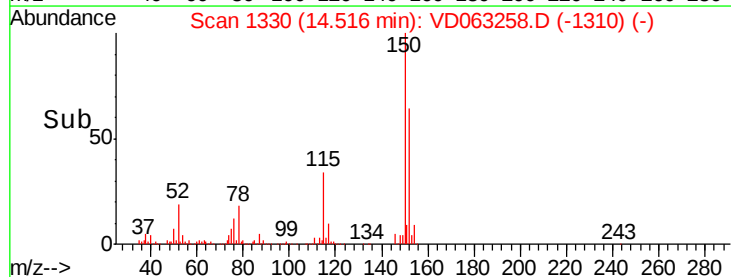
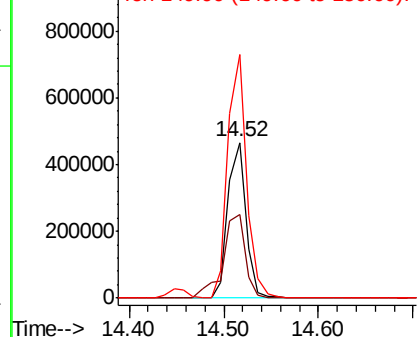


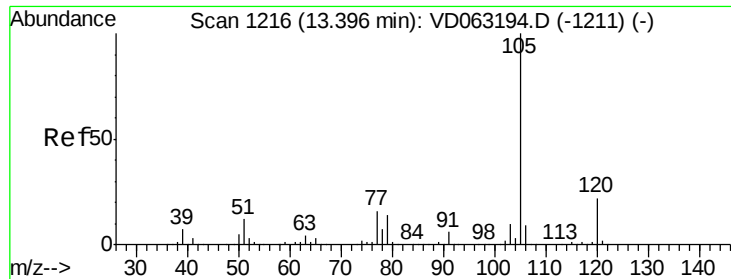
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.52 min Scan# 1330  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion:152 Resp: 621182  
Ion Ratio Lower Upper  
152 100  
115 53.7 27.5 82.4  
150 156.3 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.711 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

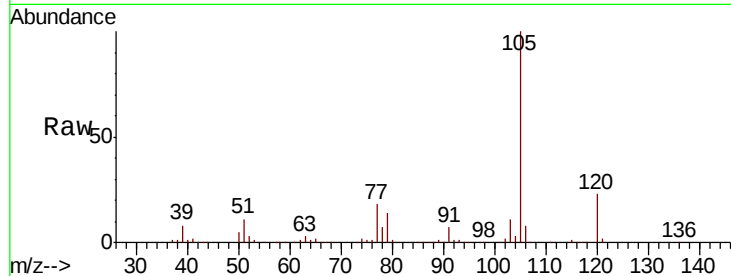
VD0730SBS02

Tot Ion:105 Resp: 768459

Ion Ratio Lower Upper

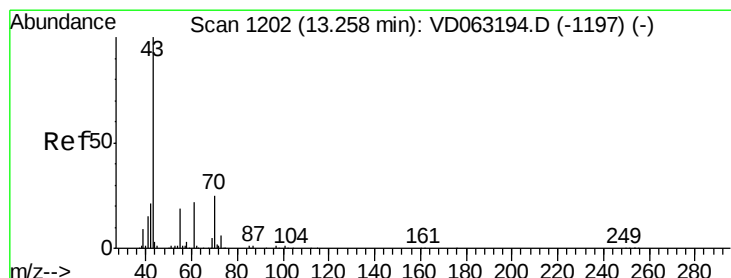
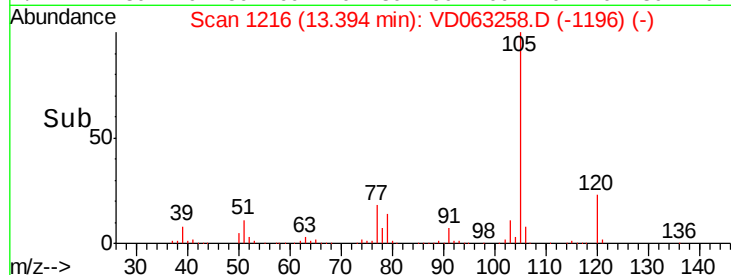
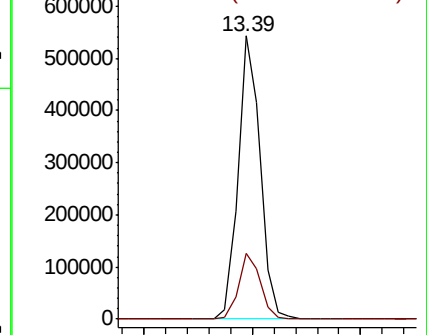
105 100

120 23.3 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: 21.641 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Tgt Ion: 43 Resp: 223046

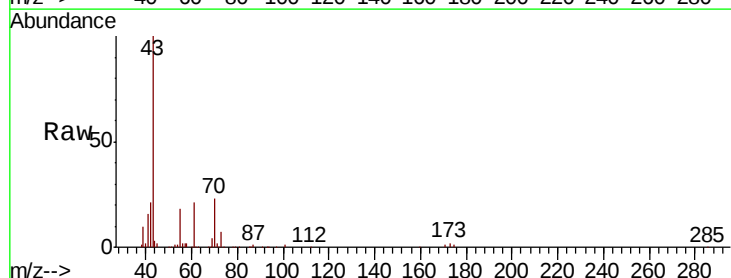
Ion Ratio Lower Upper

43 100

70 23.4 20.2 30.4

55 18.1 14.9 22.3

61 21.0 17.9 26.9

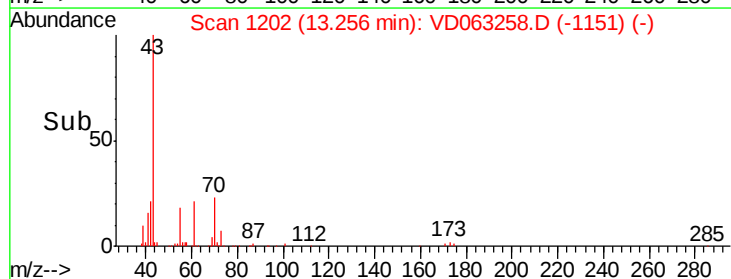
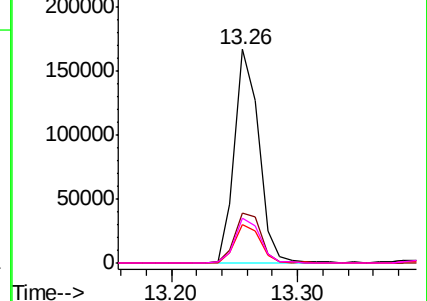


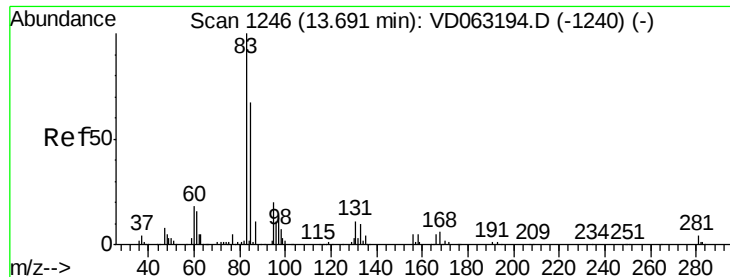
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.811 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0730SBSD02

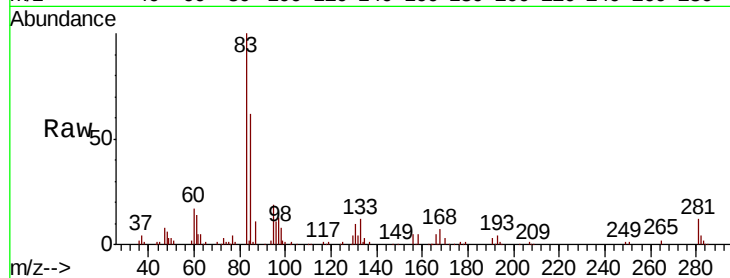
Tot Ion: 83 Resp: 151069

Ion Ratio Lower Upper

83 100

131 10.0 5.5 16.7

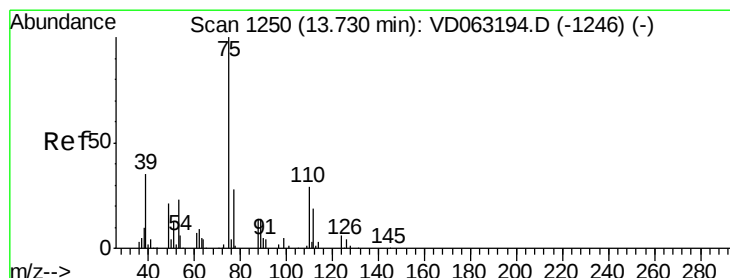
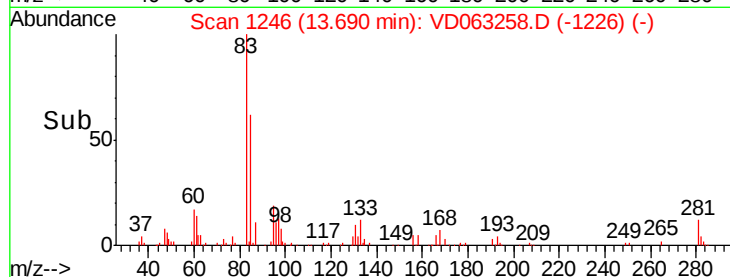
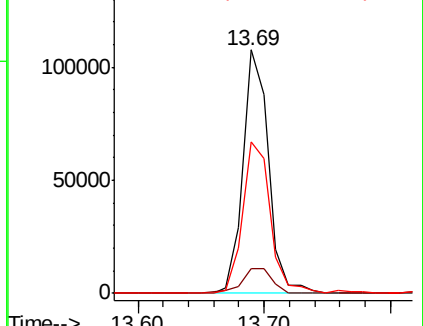
85 62.3 33.7 101.1



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: 21.223 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD063258.D

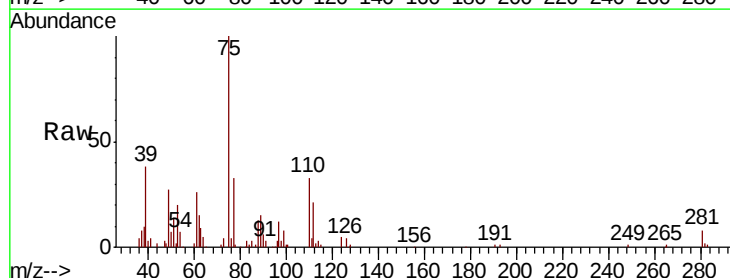
Acq: 31 Jul 2019 1:05

Tgt Ion: 75 Resp: 158350

Ion Ratio Lower Upper

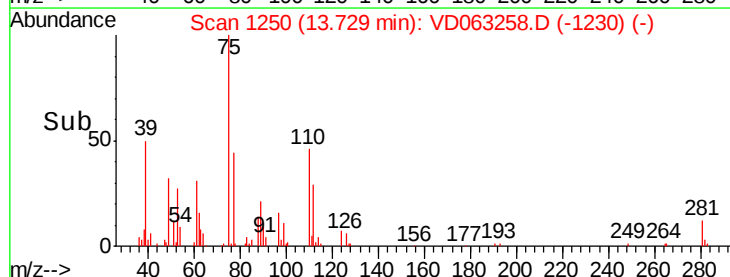
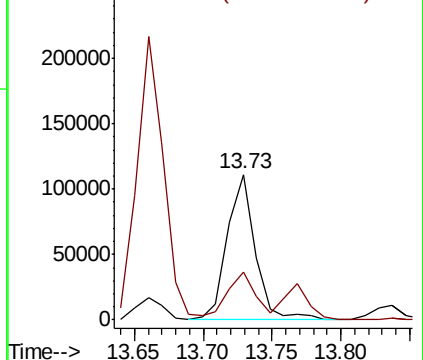
75 100

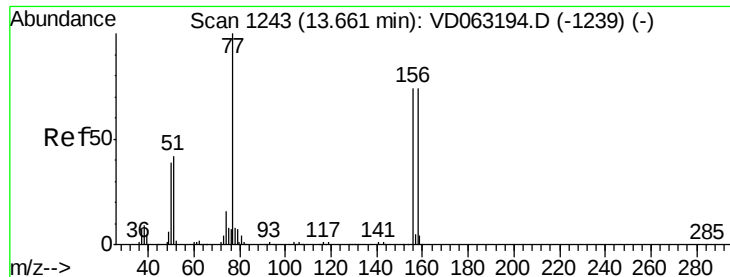
77 32.7 16.0 48.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 21.318 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0730SBSD02

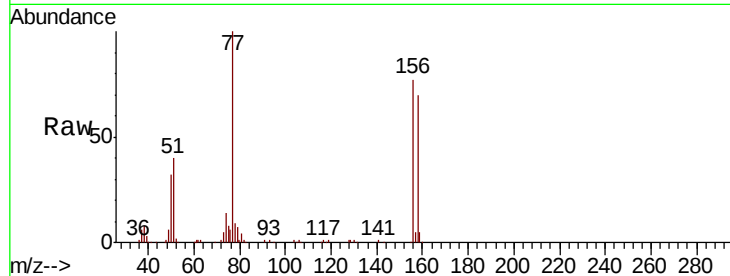
Tot Ion:156 Resp: 236763

Ion Ratio Lower Upper

156 100

77 130.4 67.6 202.8

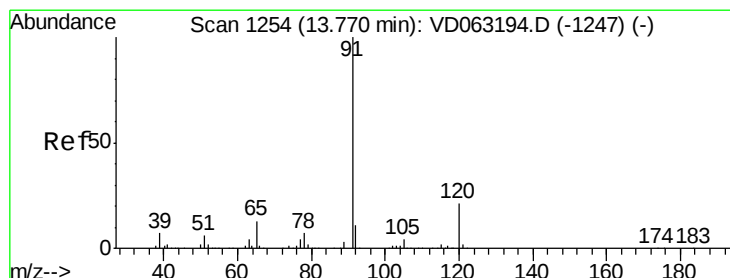
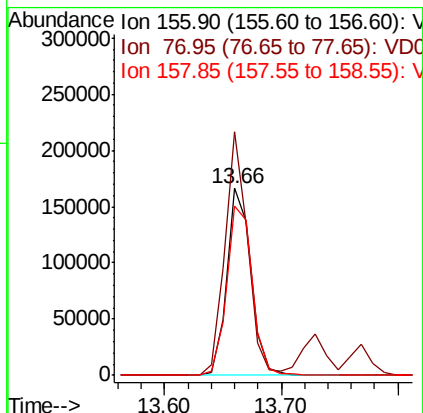
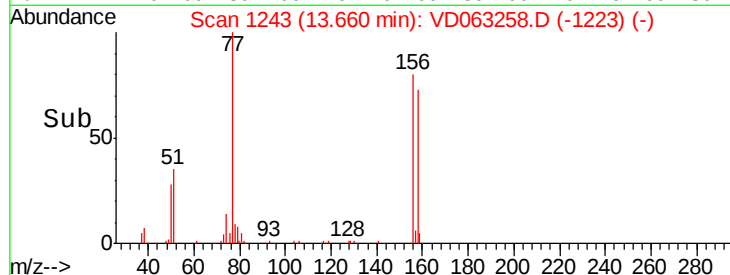
158 90.9 49.8 149.4



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: 18.702 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD063258.D

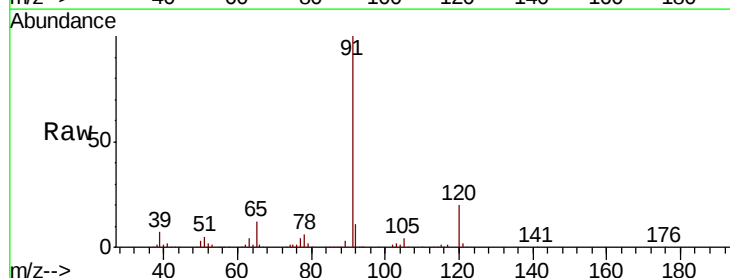
Acq: 31 Jul 2019 1:05

Tgt Ion: 91 Resp: 867681

Ion Ratio Lower Upper

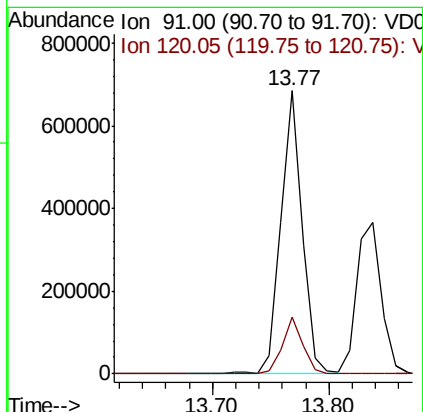
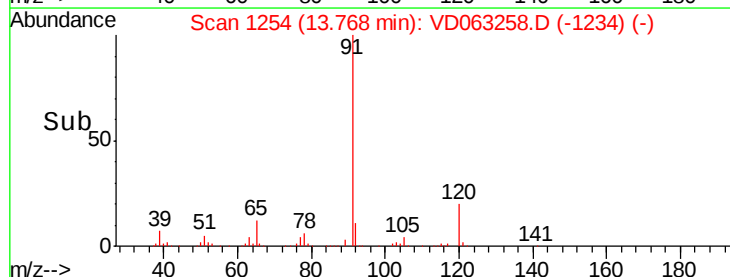
91 100

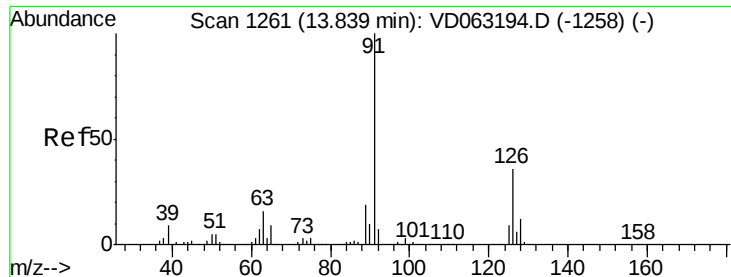
120 20.2 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

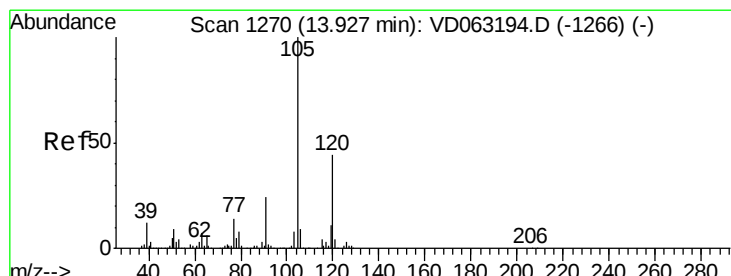
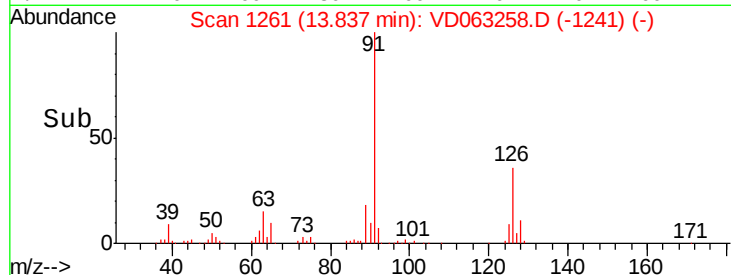
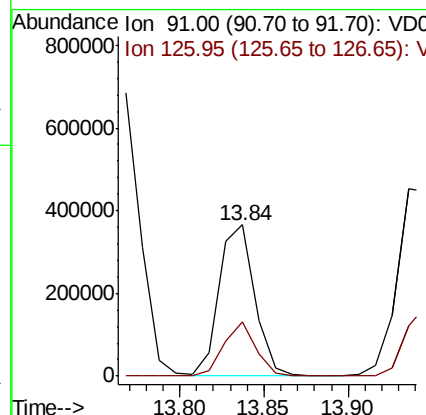
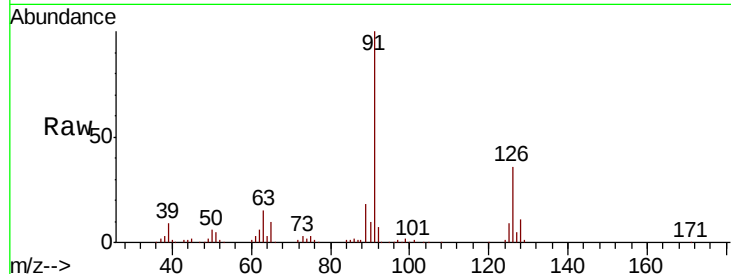




#79  
 2-Chlorotoluene  
 Concen: 19.792 ug/l  
 RT: 13.84 min Scan# 1261  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

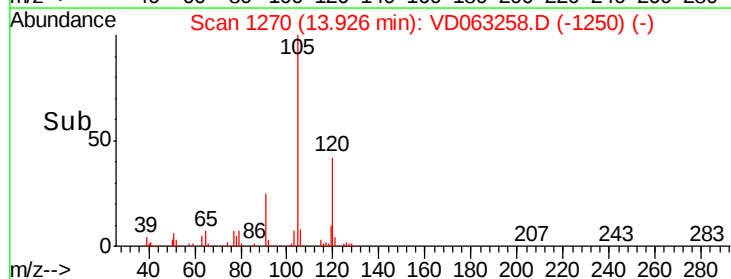
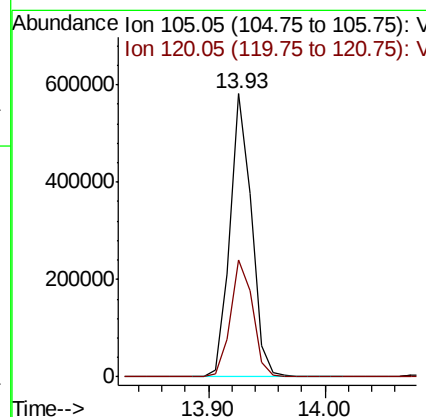
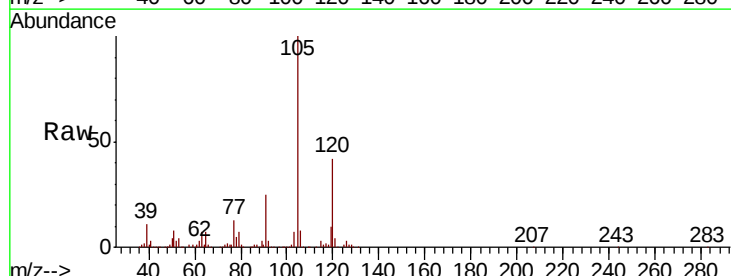
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0730SBSD02

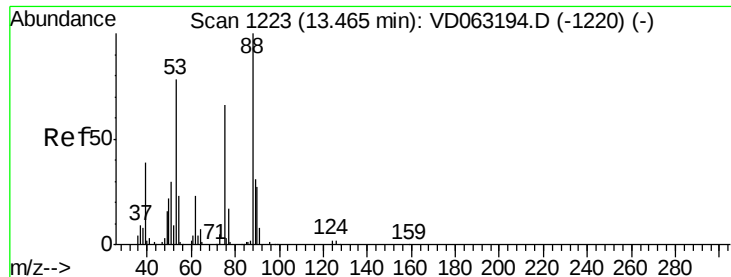
Tot Ion: 91 Resp: 532084  
 Ion Ratio Lower Upper  
 91 100  
 126 35.7 17.8 53.5



#80  
 1,3,5-Trimethylbenzene  
 Concen: 22.151 ug/l  
 RT: 13.93 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Tgt Ion: 105 Resp: 744866  
 Ion Ratio Lower Upper  
 105 100  
 120 41.6 22.1 66.1





#81

trans-1,4-Dichloro-2-butene

Concen: 17.591 ug/l

RT: 13.46 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0730SBSD02

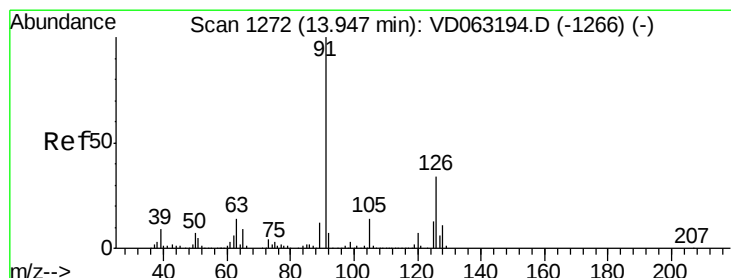
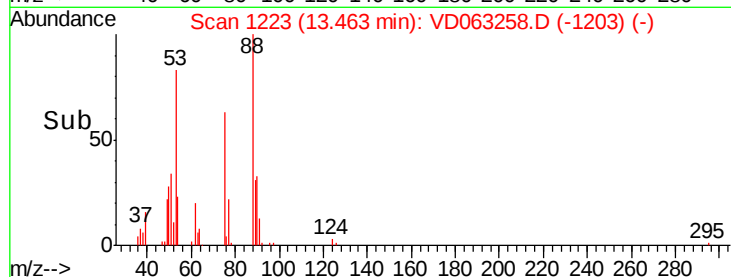
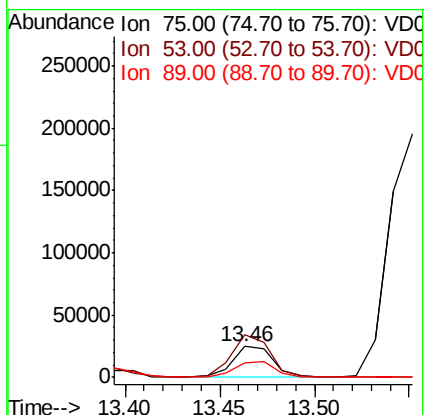
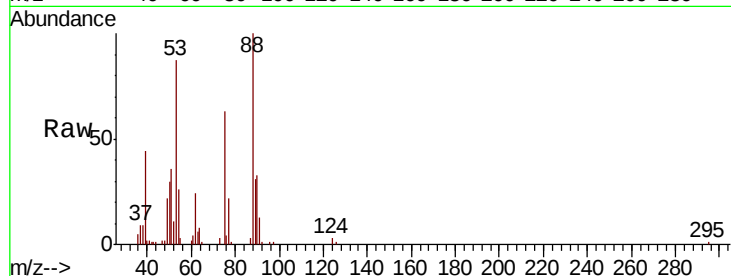
Tot Ion: 75 Resp: 36445

Ion Ratio Lower Upper

75 100

53 137.2 94.9 142.3

89 48.6 37.4 56.0



#82

4-Chlorotoluene

Concen: 22.478 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VD063258.D

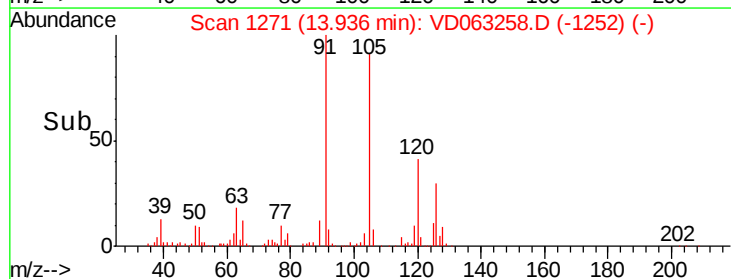
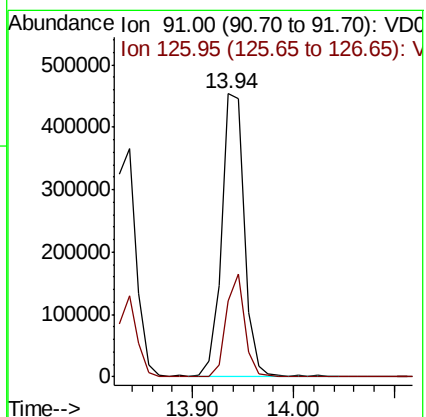
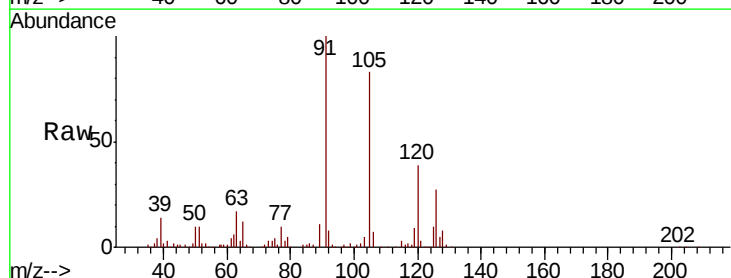
Acq: 31 Jul 2019 1:05

Tgt Ion: 91 Resp: 711149

Ion Ratio Lower Upper

91 100

126 26.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.968 ug/l

RT: 14.18 min Scan# 1296

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0730SBS02

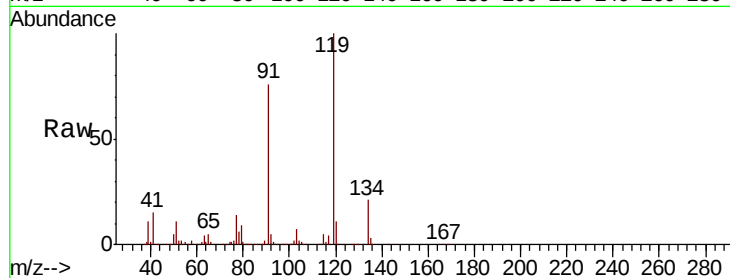
Tot Ion:119 Resp: 766670

Ion Ratio Lower Upper

119 100

91 76.1 39.1 117.5

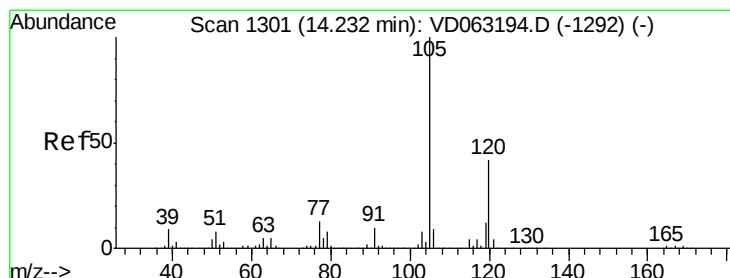
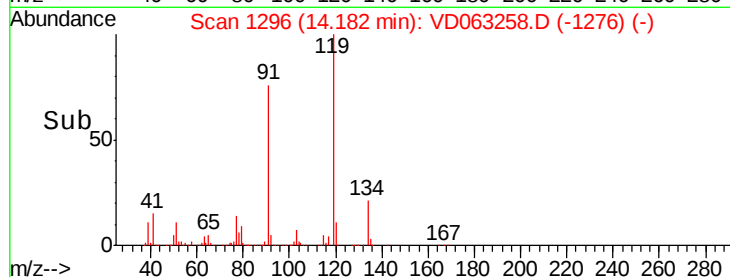
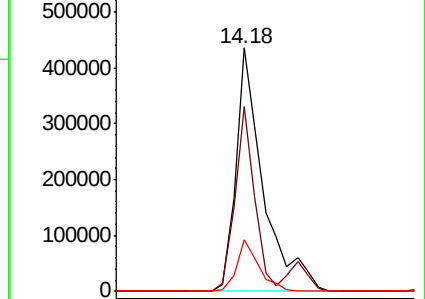
134 21.4 10.9 32.6



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.742 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VD063258.D

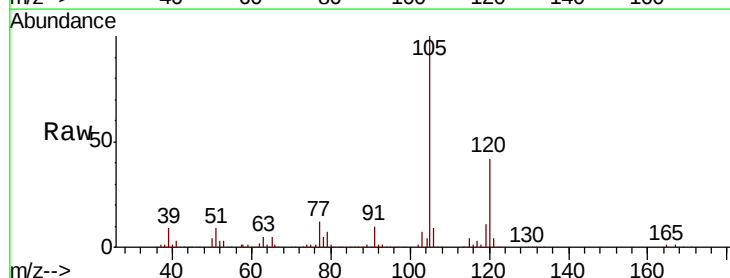
Acq: 31 Jul 2019 1:05

Tgt Ion:105 Resp: 686632

Ion Ratio Lower Upper

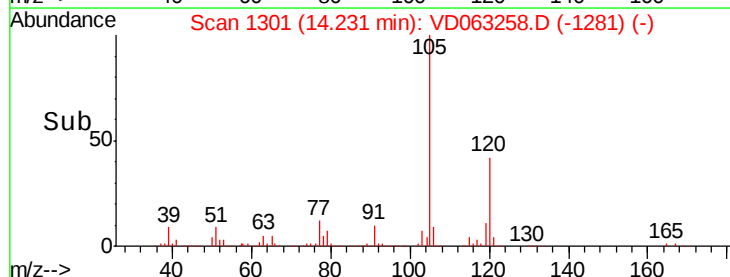
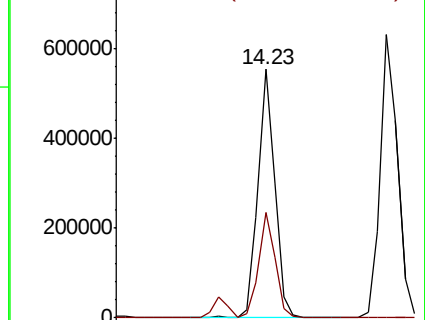
105 100

120 42.4 20.9 62.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 20.084 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

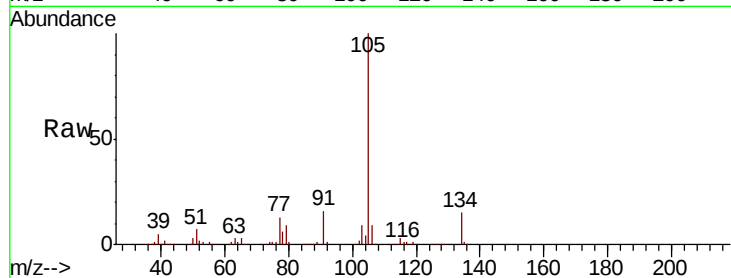
VD0730SBS02

Tot Ion:105 Resp: 812428

Ion Ratio Lower Upper

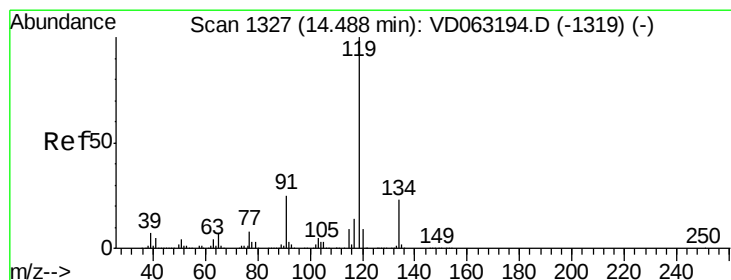
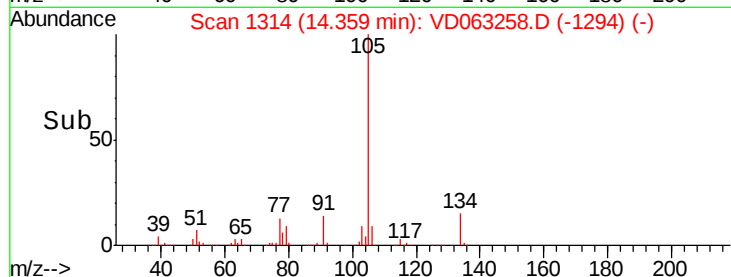
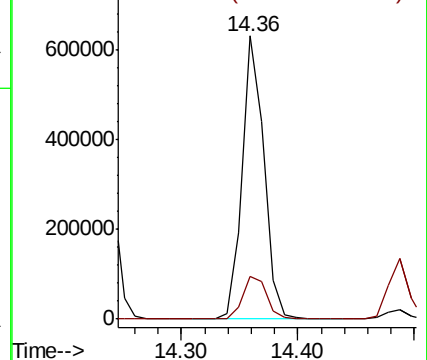
105 100

134 15.3 8.3 24.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 19.274 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

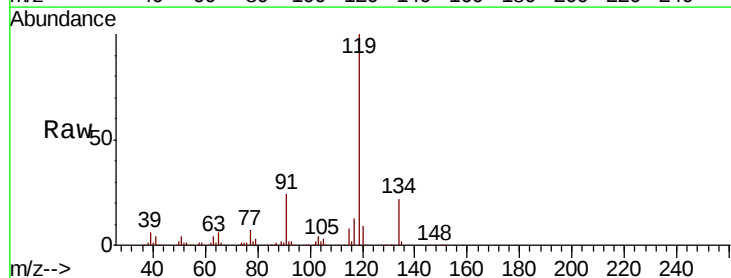
Tgt Ion:119 Resp: 744160

Ion Ratio Lower Upper

119 100

134 21.7 11.5 34.5

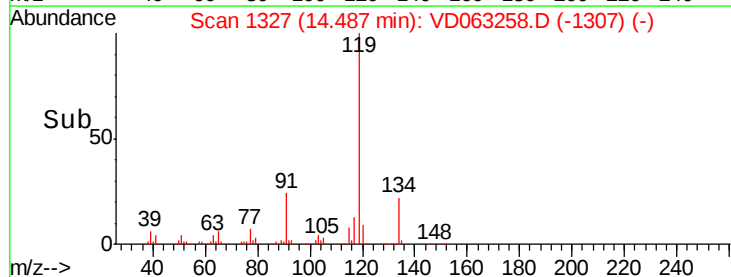
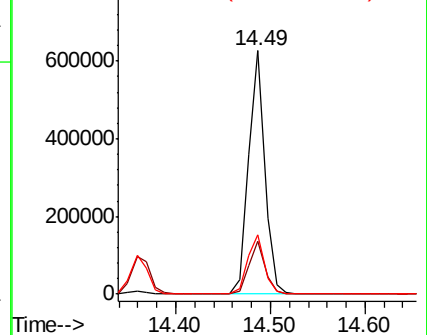
91 24.2 12.6 37.6

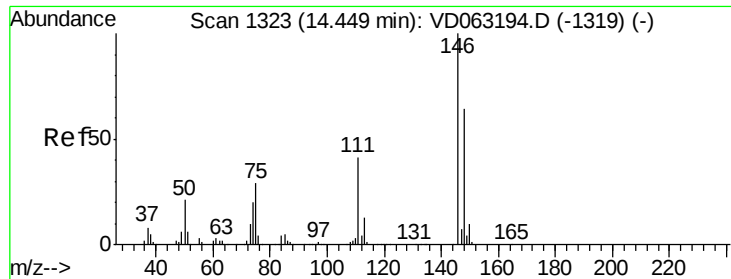


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.764 ug/l

RT: 14.45 min Scan# 1323

Delta R.T. -0.00 min

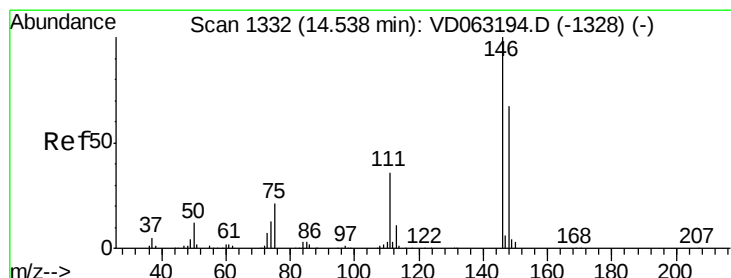
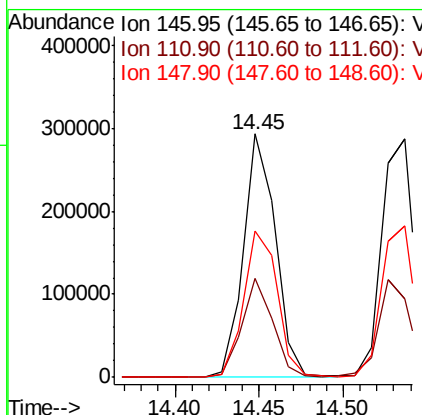
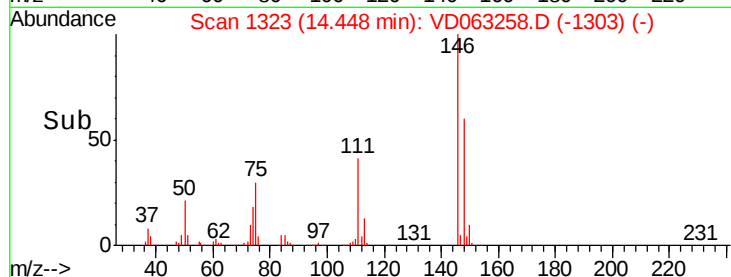
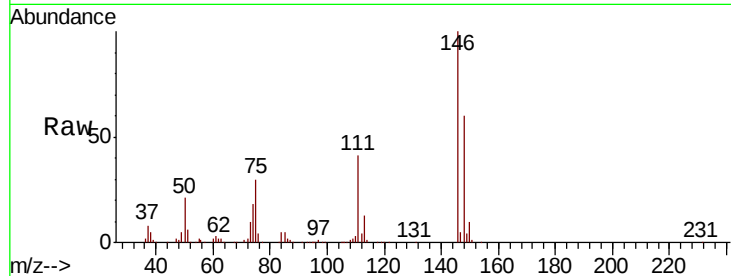
Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBSD02

Tot Ion:146 Resp: 388727

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 40.6  | 20.4  | 61.3  |
| 148 | 60.3  | 31.8  | 95.4  |



#88

1,4-Dichlorobenzene

Concen: 19.618 ug/l

RT: 14.54 min Scan# 1332

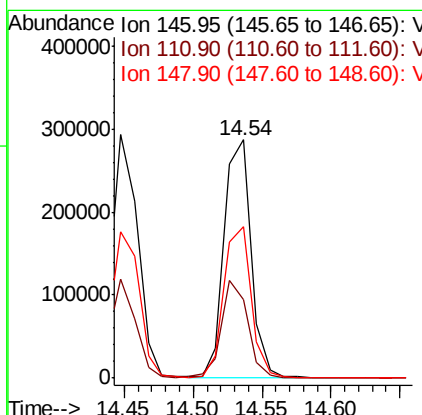
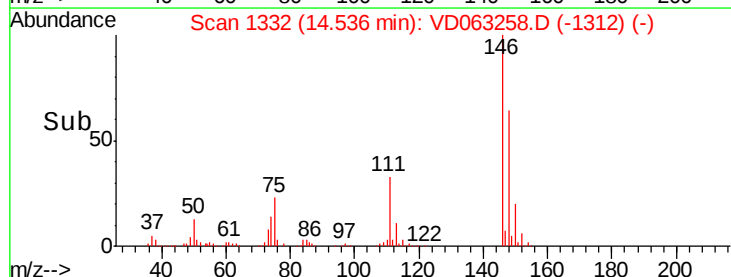
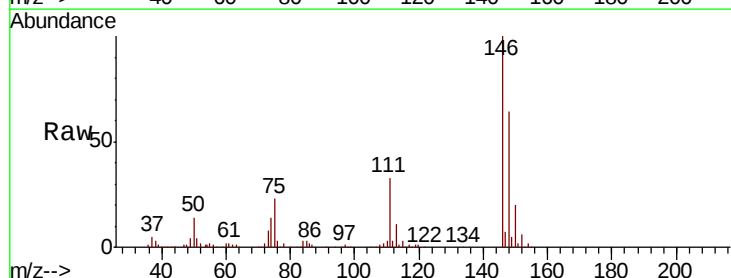
Delta R.T. -0.00 min

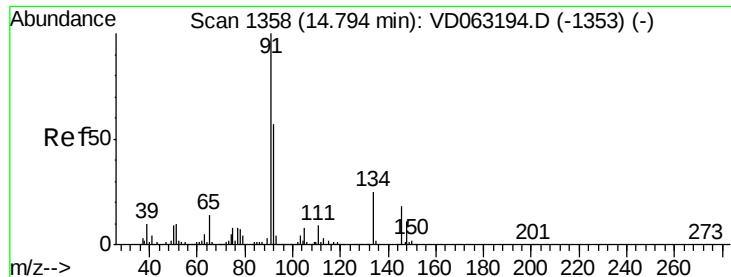
Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Tgt Ion:146 Resp: 390176

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 33.1  | 18.1  | 54.3  |
| 148 | 63.6  | 33.4  | 100.1 |

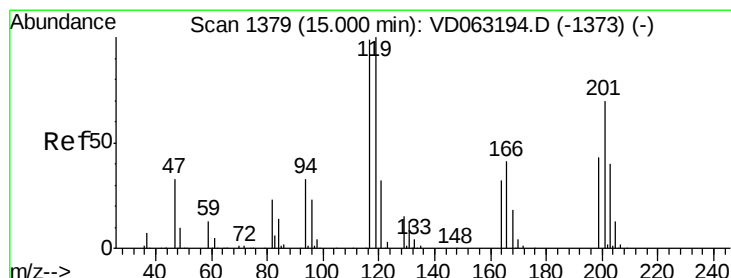
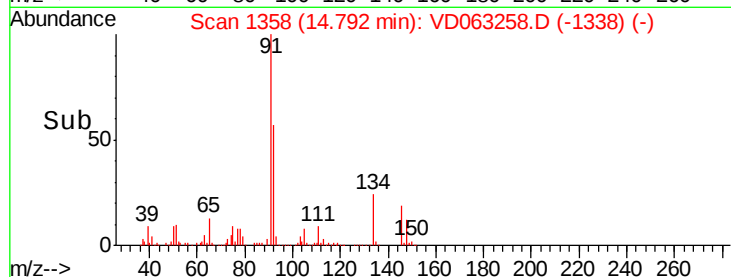
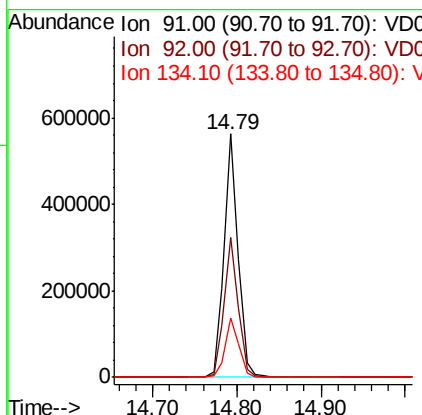
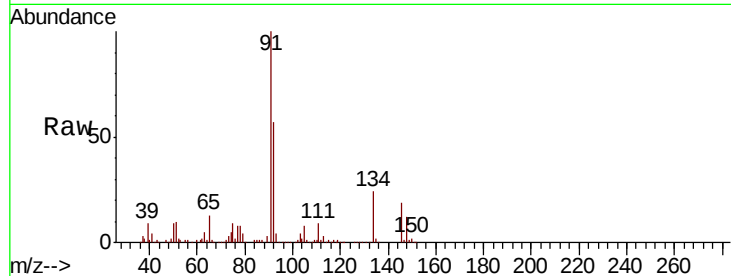




#89  
n-Butylbenzene  
Concen: 19.583 ug/l  
RT: 14.79 min Scan# 1358  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

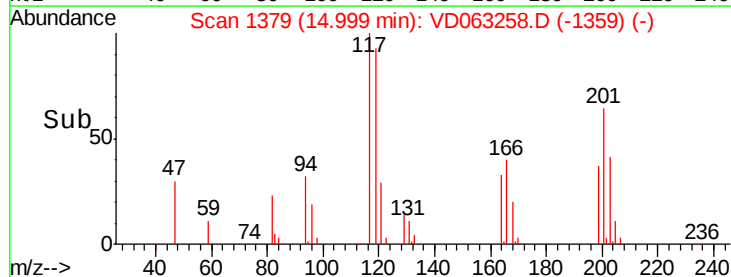
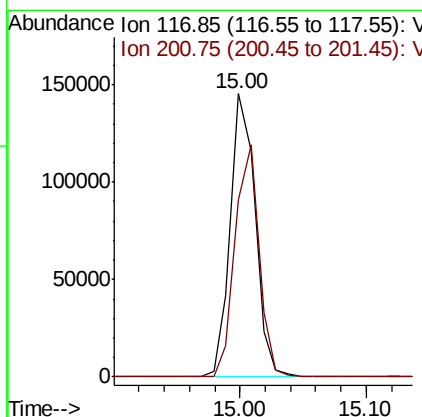
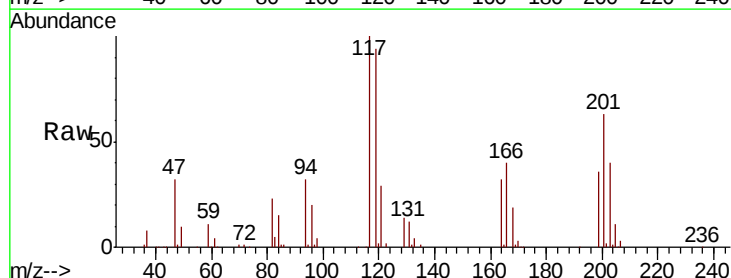
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0730SBS02

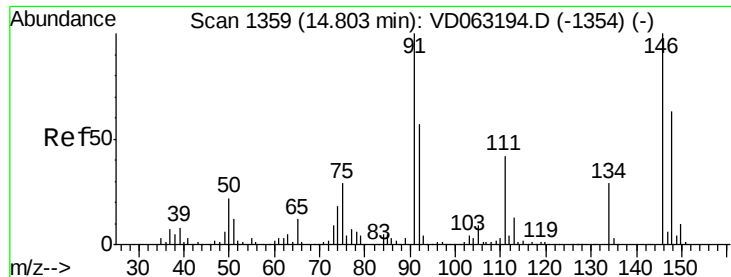
Tot Ion: 91 Resp: 653027  
Ion Ratio Lower Upper  
91 100  
92 57.4 28.3 85.0  
134 24.3 12.3 36.8



#90  
Hexachloroethane  
Concen: 19.659 ug/l  
RT: 15.00 min Scan# 1379  
Delta R.T. -0.00 min  
Lab File: VD063258.D  
Acq: 31 Jul 2019 1:05

Tgt Ion: 117 Resp: 197749  
Ion Ratio Lower Upper  
117 100  
201 62.8 35.2 105.6

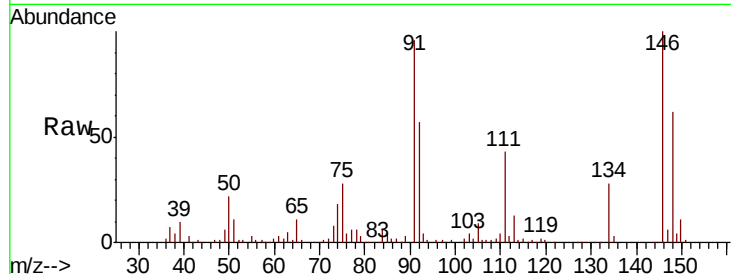




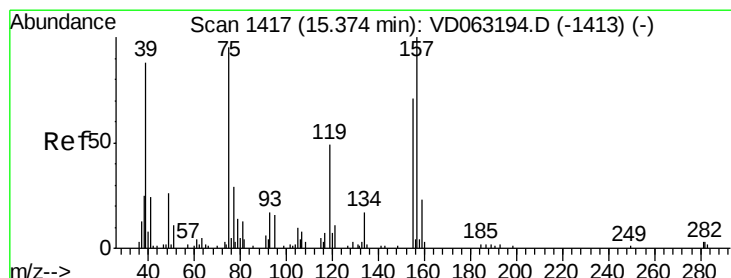
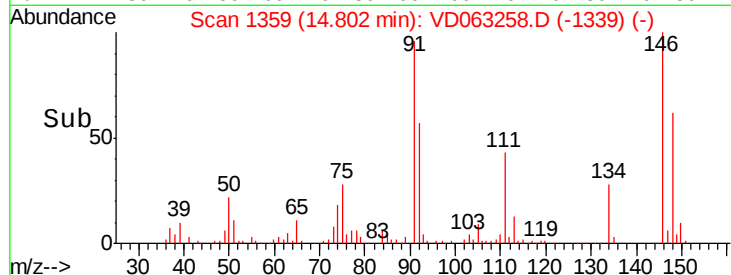
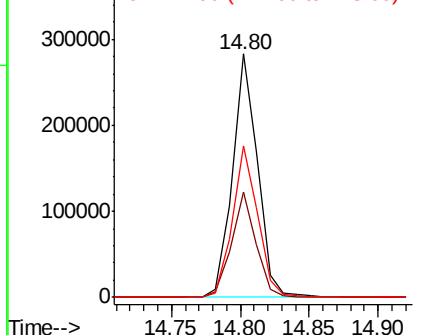
#91  
 1,2-Dichlorobenzene  
 Concen: 20.768 ug/l  
 RT: 14.80 min Scan# 1359  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0730SBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.4  | 21.1  | 63.3  |
| 148     | 62.0  | 31.6  | 94.8  |

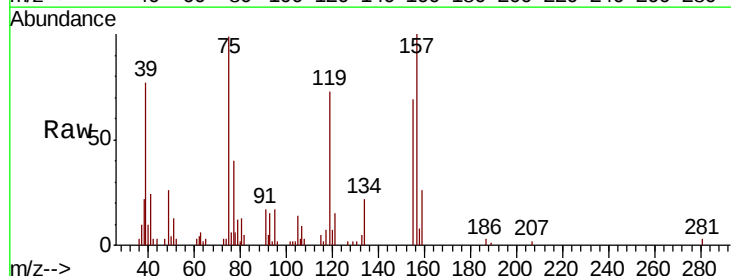


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

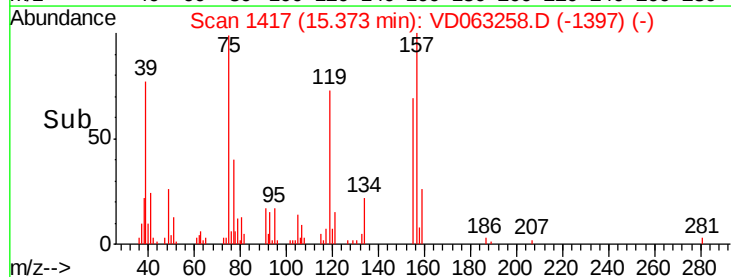
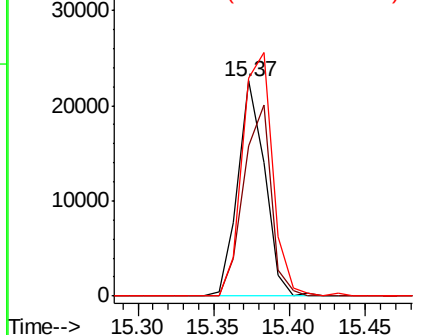


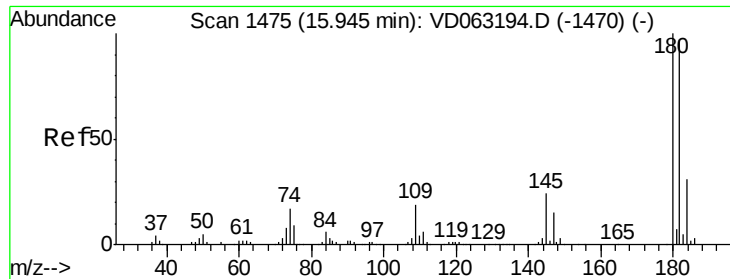
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.696 ug/l  
 RT: 15.37 min Scan# 1417  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 70.0  | 37.0  | 111.0 |
| 157     | 101.5 | 52.4  | 157.2 |



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

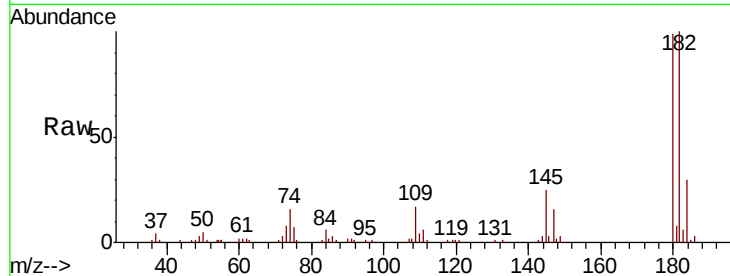




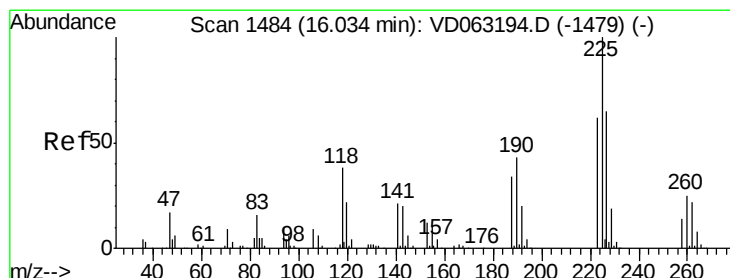
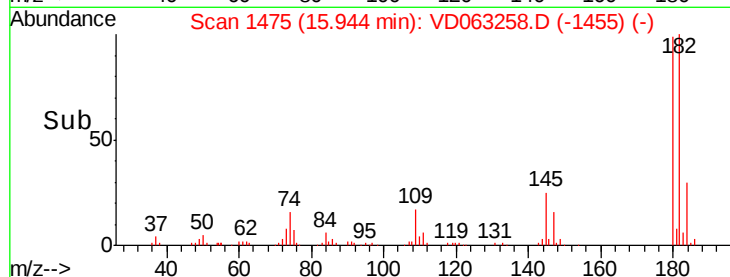
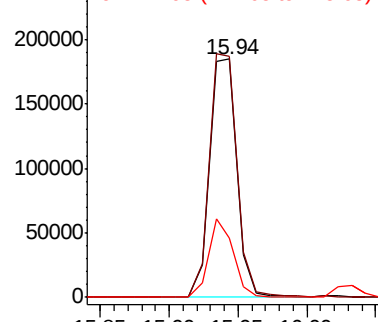
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.906 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0730SBSD02

Tot Ion:180 Resp: 257014  
 Ion Ratio Lower Upper  
 180 100  
 182 101.1 48.6 145.8  
 145 25.0 12.2 36.6

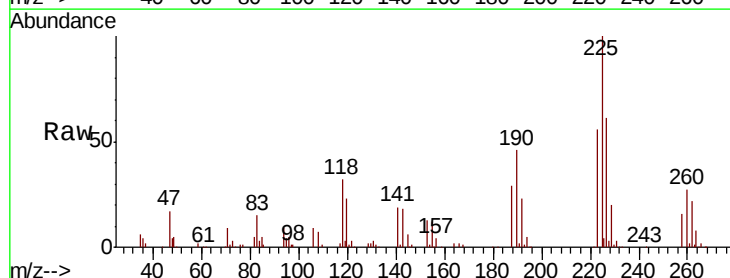


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

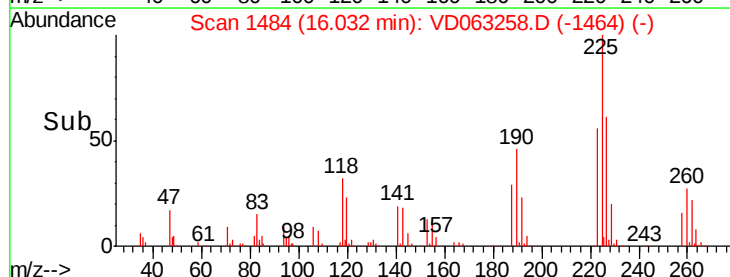
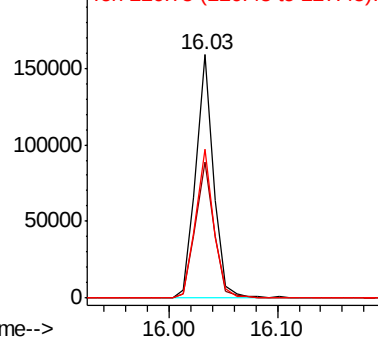


#94  
 Hexachlorobutadiene  
 Concen: 18.466 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. -0.00 min  
 Lab File: VD063258.D  
 Acq: 31 Jul 2019 1:05

Tgt Ion:225 Resp: 181918  
 Ion Ratio Lower Upper  
 225 100  
 223 55.7 30.9 92.5  
 227 61.4 32.6 97.7



Abundance Ion 224.75 (224.45 to 225.45): V  
 Ion 222.75 (222.45 to 223.45): V  
 Ion 226.75 (226.45 to 227.45): V





#95

Naphthalene

Concen: 21.212 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

Instrument :

MSVOA\_D

ClientSampleId :

VD0730SBSD02

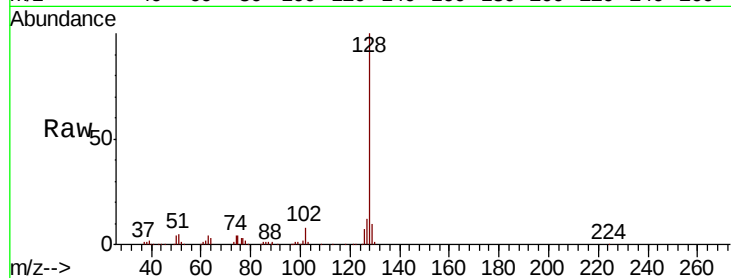
Tot Ion:128 Resp: 407582

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

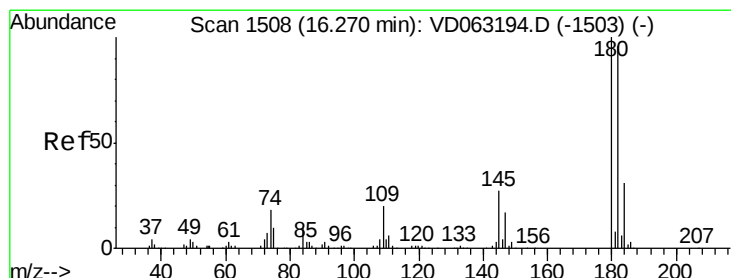
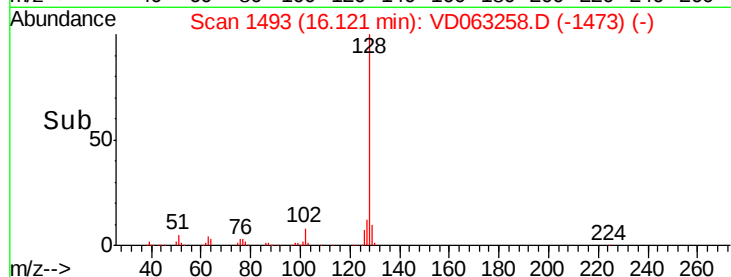
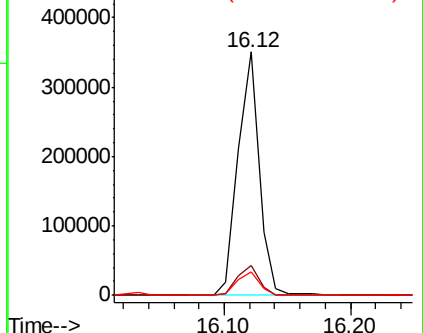
129 9.6 7.8 11.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.877 ug/l

RT: 16.27 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VD063258.D

Acq: 31 Jul 2019 1:05

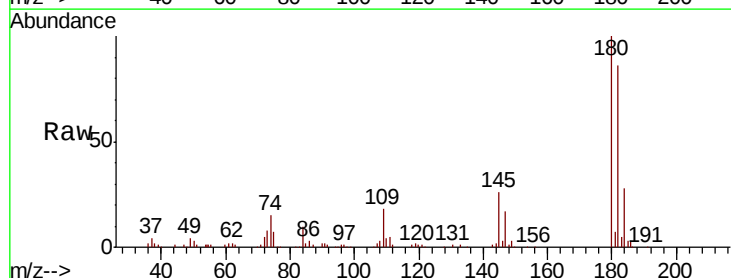
Tgt Ion:180 Resp: 213471

Ion Ratio Lower Upper

180 100

182 85.6 48.3 144.9

145 25.9 13.6 40.7



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

