

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\  
 Data File : VD062321.D  
 Acq On : 14 May 2019 00:12  
 Operator : FY/SY  
 Sample : VD0513SBS02  
 Misc : 5.00µ/5mL/MSVOA D/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS02

Quant Time: May 14 05:13:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 07 14:26:29 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.06  | 168  | 538368   | 50.00 | ug/l  | 0.04     |
| 34) 1,4-Difluorobenzene    | 8.23  | 114  | 728588   | 50.00 | ug/l  | 0.04     |
| 63) Chlorobenzene-d5       | 12.38 | 117  | 649361   | 50.00 | ug/l  | 0.02     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 345949   | 50.00 | ug/l  | 0.01     |

| System Monitoring Compounds | R.T.  | QIon | Response   | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|------------|---------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.46  | 65   | 317204     | 63.40   | ug/l  | 0.04     |
| Spiked Amount 50.000        |       |      | Recovery = | 126.80% |       |          |
| 35) Dibromofluoromethane    | 6.93  | 113  | 346712     | 57.35   | ug/l  | 0.04     |
| Spiked Amount 50.000        |       |      | Recovery = | 114.70% |       |          |
| 50) Toluene-d8              | 10.42 | 98   | 708400     | 48.60   | ug/l  | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery = | 97.20%  |       |          |
| 62) 4-Bromofluorobenzene    | 13.57 | 95   | 340155     | 58.12   | ug/l  | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery = | 116.24% |       |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85   | 108709   | 21.113  | ug/l   | 94     |
| 3) Chloromethane              | 1.76 | 50   | 71762    | 19.288  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.86 | 62   | 75243    | 20.578  | ug/l   | 96     |
| 5) Bromomethane               | 2.15 | 94   | 28904    | 33.736  | ug/l   | 97     |
| 6) Chloroethane               | 2.26 | 64   | 36282    | 23.647  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.53 | 101  | 199310   | 28.037  | ug/l   | 93     |
| 8) Diethyl Ether              | 2.88 | 74   | 26542    | 19.360  | ug/l   | 76     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101  | 124155   | 23.088  | ug/l   | 92     |
| 10) Methyl Iodide             | 3.31 | 142  | 126810   | 15.603  | ug/l # | 86     |
| 11) Tert butyl alcohol        | 4.09 | 59   | 34147    | 133.709 | ug/l # | 95     |
| 12) 1,1-Dichloroethene        | 3.13 | 96   | 81857    | 19.941  | ug/l # | 73     |
| 13) Acrolein                  | 3.05 | 56   | 15897    | 60.183  | ug/l # | 82     |
| 14) Allyl chloride            | 3.63 | 41   | 124342   | 20.833  | ug/l # | 77     |
| 15) Acrylonitrile             | 4.21 | 53   | 74173    | 110.498 | ug/l # | 84     |
| 16) Acetone                   | 3.23 | 43   | 124302   | 118.472 | ug/l # | 84     |
| 17) Carbon Disulfide          | 3.38 | 76   | 200972   | 17.019  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.65 | 43   | 56420    | 29.945  | ug/l # | 85     |
| 19) Methyl tert-butyl Ether   | 4.25 | 73   | 213032   | 24.212  | ug/l   | 91     |
| 20) Methylene Chloride        | 3.82 | 84   | 97653    | 22.291  | ug/l # | 84     |
| 21) trans-1,2-Dichloroethene  | 4.23 | 96   | 90298    | 19.768  | ug/l # | 82     |
| 22) Diisopropyl ether         | 5.14 | 45   | 269950   | 21.254  | ug/l   | 93     |
| 23) Vinyl Acetate             | 5.07 | 43   | 825202   | 123.142 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 5.00 | 63   | 174329   | 22.752  | ug/l   | 99     |
| 25) 2-Butanone                | 6.09 | 43   | 141919   | 124.008 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.04 | 77   | 191563   | 25.099  | ug/l   | 89     |
| 27) cis-1,2-Dichloroethene    | 6.05 | 96   | 112079   | 21.921  | ug/l   | 95     |
| 28) Bromochloromethane        | 6.45 | 49   | 80220    | 26.611  | ug/l   | 90     |
| 29) Tetrahydrofuran           | 6.47 | 42   | 64541    | 122.397 | ug/l   | 95     |
| 30) Chloroform                | 6.68 | 83   | 223917   | 24.249  | ug/l   | 97     |
| 31) Cyclohexane               | 6.97 | 56   | 100650   | 19.174  | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane     | 6.88 | 97   | 234010   | 26.811  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 7.16 | 75   | 150114   | 25.129  | ug/l   | 93     |
| 37) Ethyl Acetate             | 6.20 | 43   | 62454    | 24.652  | ug/l # | 85     |
| 38) Carbon Tetrachloride      | 7.12 | 117  | 222456   | 26.905  | ug/l   | 97     |

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 Misc : 5.00µ/5mL/MSVOA D/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS02

Quant Time: May 14 05:13:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 07 14:26:29 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.87  | 83   | 123040   | 21.497  | ug/l   | 87       |
| 40) Benzene                    | 7.46  | 78   | 292299   | 21.669  | ug/l   | 96       |
| 41) Methacrylonitrile          | 6.47  | 41   | 85750    | 27.698  | ug/l # | 78       |
| 42) 1,2-Dichloroethane         | 7.59  | 62   | 164215   | 28.733  | ug/l   | 91       |
| 43) Isopropyl Acetate          | 9.26  | 43   | 82913    | 23.077  | ug/l   | 90       |
| 44) Trichloroethene            | 8.55  | 130  | 111771   | 21.744  | ug/l   | 76       |
| 45) 1,2-Dichloropropane        | 8.95  | 63   | 76620    | 22.963  | ug/l   | 98       |
| 46) Dibromomethane             | 9.08  | 93   | 68780    | 25.349  | ug/l # | 87       |
| 47) Bromodichloromethane       | 9.38  | 83   | 171132   | 25.785  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.14  | 41   | 55770    | 25.200  | ug/l # | 87       |
| 49) 1,4-Dioxane                | 9.10  | 88   | 11970    | 501.297 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone       | 10.31 | 43   | 303440   | 131.385 | ug/l   | 89       |
| 52) Toluene                    | 10.52 | 92   | 204954   | 23.352  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.92 | 75   | 147150   | 25.654  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.05 | 75   | 145303   | 23.220  | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane      | 11.20 | 97   | 77095    | 24.826  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 11.06 | 69   | 78052    | 24.187  | ug/l # | 92       |
| 57) 1,3-Dichloropropane        | 11.42 | 76   | 109151   | 23.266  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 9.87  | 63   | 232837   | 132.092 | ug/l   | 97       |
| 59) 2-Hexanone                 | 11.54 | 43   | 231624   | 136.072 | ug/l   | 86       |
| 60) Dibromochloromethane       | 11.70 | 129  | 133301   | 24.838  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.81 | 107  | 89806    | 23.787  | ug/l   | 97       |
| 64) Tetrachloroethene          | 11.27 | 164  | 116390   | 22.922  | ug/l   | 89       |
| 65) Chlorobenzene              | 12.41 | 112  | 251856   | 20.824  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.52 | 131  | 124356   | 23.625  | ug/l   | 93       |
| 67) Ethyl Benzene              | 12.53 | 91   | 465412   | 22.986  | ug/l   | 95       |
| 68) m/p-Xylenes                | 12.67 | 106  | 310400   | 42.135  | ug/l   | 87       |
| 69) o-Xylene                   | 13.05 | 106  | 143021   | 20.883  | ug/l   | 74       |
| 70) Styrene                    | 13.07 | 104  | 243194   | 20.962  | ug/l # | 88       |
| 71) Bromoform                  | 13.24 | 173  | 87709    | 23.950  | ug/l # | 99       |
| 73) Isopropylbenzene           | 13.41 | 105  | 467126   | 22.526  | ug/l   | 95       |
| 74) N-amyl acetate             | 13.27 | 43   | 119966   | 22.065  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 88953    | 22.658  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 97017    | 23.597  | ug/l   | 97       |
| 77) Bromobenzene               | 13.67 | 156  | 137359   | 23.662  | ug/l   | 89       |
| 78) n-propylbenzene            | 13.78 | 91   | 601359   | 24.310  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 338463   | 23.890  | ug/l   | 84       |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 373113   | 21.367  | ug/l   | 89       |
| 81) trans-1,4-Dichloro-2-buten | 13.48 | 75   | 23301    | 20.076  | ug/l # | 72       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 380052   | 22.796  | ug/l   | 82       |
| 83) tert-Butylbenzene          | 14.20 | 119  | 456326   | 23.249  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene     | 14.25 | 105  | 390849   | 22.304  | ug/l   | 91       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 501127   | 23.287  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 422545   | 21.977  | ug/l   | 89       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 229062   | 21.600  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 230246   | 22.097  | ug/l   | 98       |
| 89) n-Butylbenzene             | 14.81 | 91   | 424728   | 24.611  | ug/l   | 96       |
| 90) Hexachloroethane           | 15.01 | 117  | 116649   | 22.310  | ug/l   | 85       |
| 91) 1,2-Dichlorobenzene        | 14.82 | 146  | 208323   | 23.853  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.39 | 75   | 16303    | 25.298  | ug/l   | 91       |

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Sample : VD0513SBS02  
Misc : 5.00µ/5mL/MSVOA D/SOIL  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

Quant Time: May 14 05:13:44 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 07 14:26:29 2019  
Response via : Initial Calibration

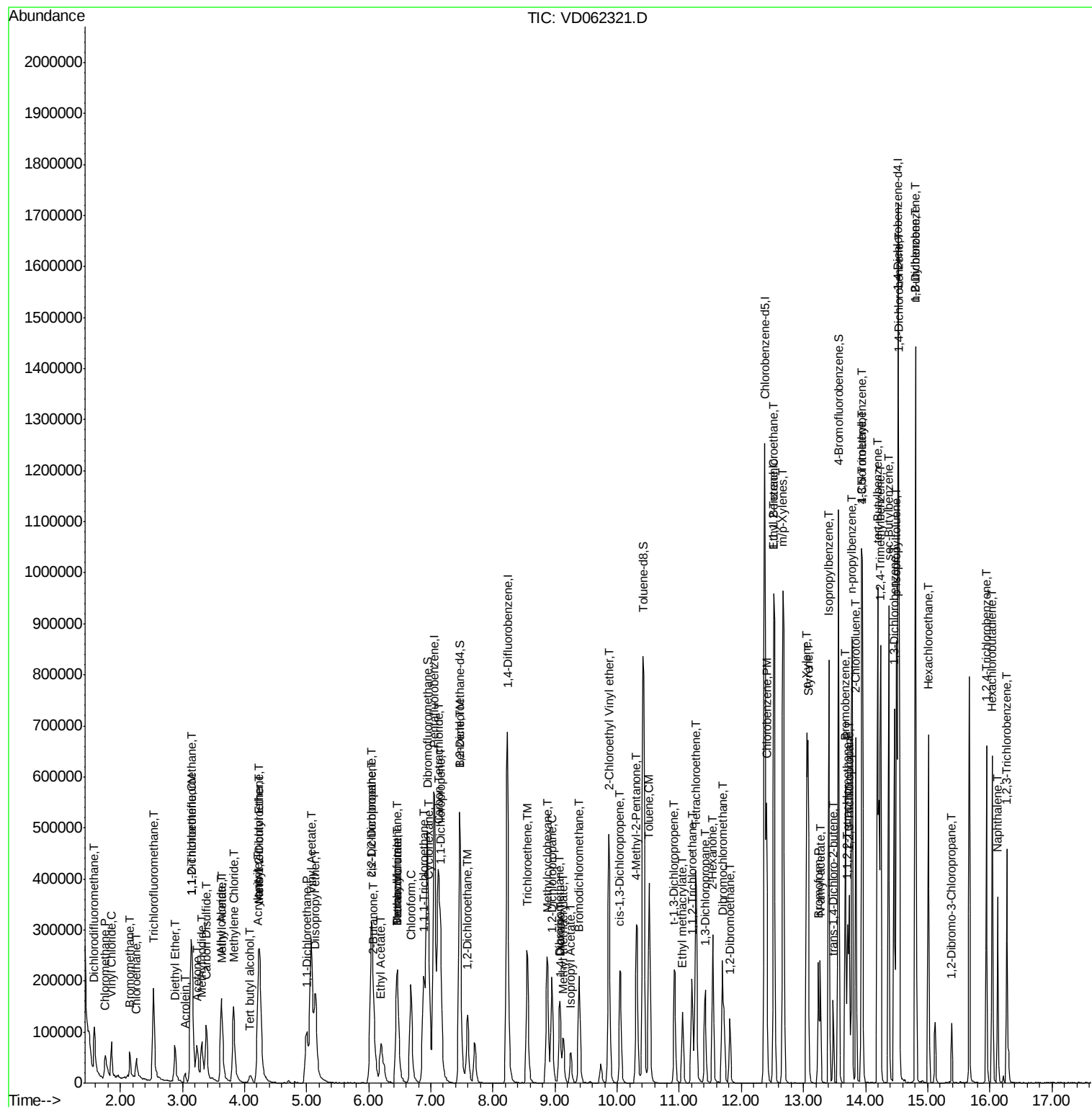
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180  | 150476   | 23.672 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 16.05 | 225  | 117507   | 24.854 | ug/l  | 98       |
| 95) Naphthalene            | 16.12 | 128  | 218545   | 24.625 | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 112151   | 28.060 | ug/l  | 96       |

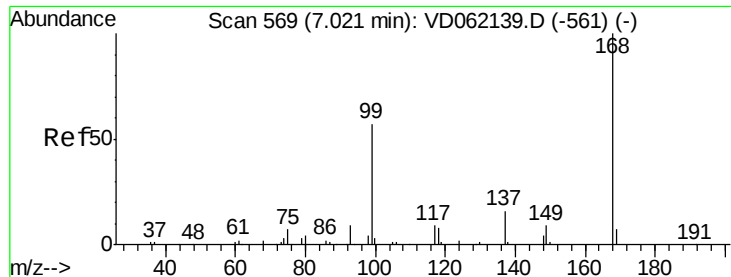
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051319\  
Data File : VD062321.D  
Acq On : 14 May 2019 00:12  
Operator : FY/SY  
Sample : VD0513SBS02  
Misc : 5.00q/5mL/MSVOA D/SOIL  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

Quant Time: May 14 05:13:44 2019  
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Quant Title : SW846 8260  
QLast Update : Tue May 07 14:26:29 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

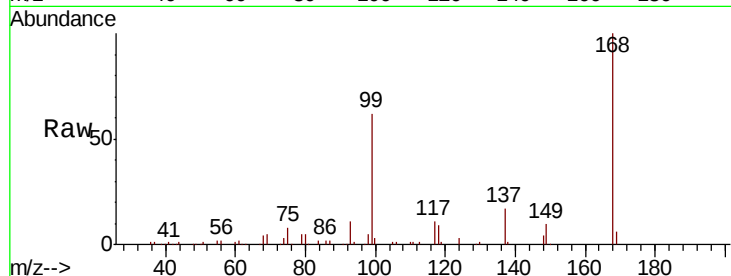
VD0513SBS02

Tot Ion:168 Resp: 538368

Ion Ratio Lower Upper

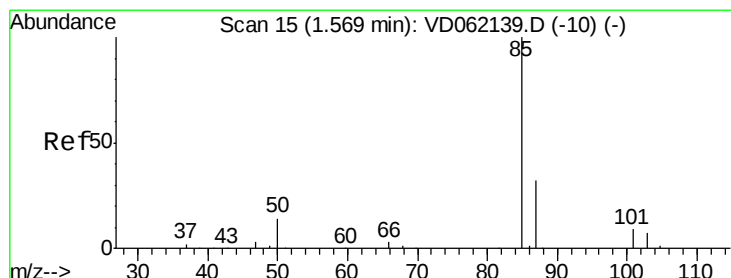
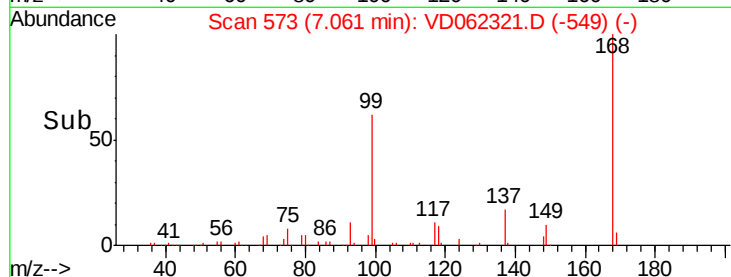
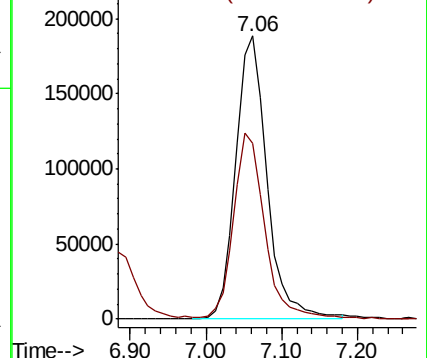
168 100

99 62.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 21.113 ug/l

RT: 1.58 min Scan# 16

Delta R.T. 0.01 min

Lab File: VD062321.D

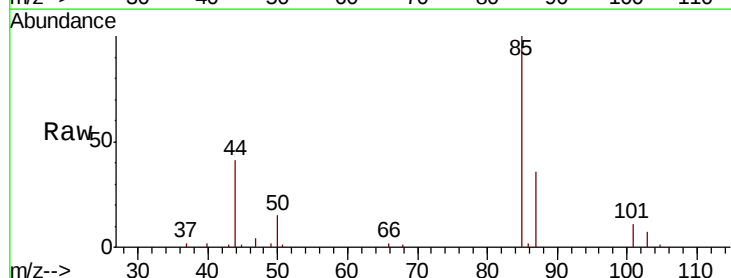
Acq: 14 May 2019 00:12

Tgt Ion: 85 Resp: 108709

Ion Ratio Lower Upper

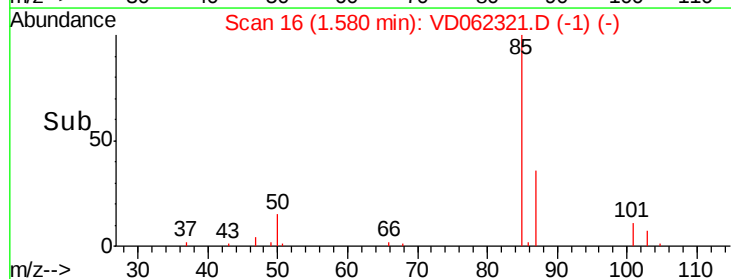
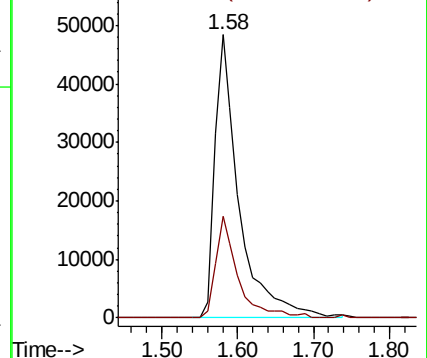
85 100

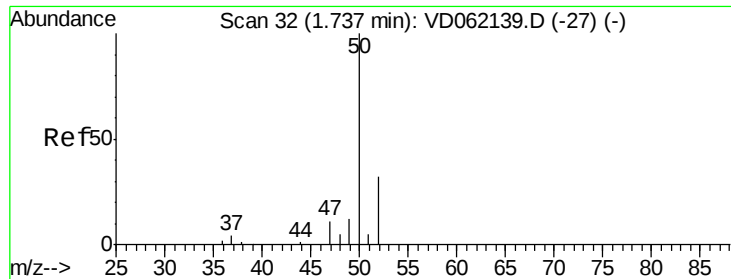
87 35.8 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.288 ug/l

RT: 1.76 min Scan# 34

Delta R.T. 0.02 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

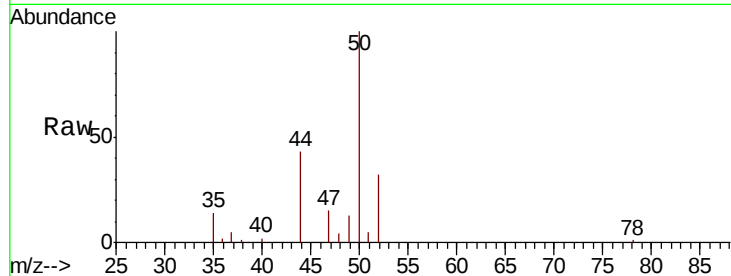
VD0513SBS02

Tot Ion: 50 Resp: 71762

Ion Ratio Lower Upper

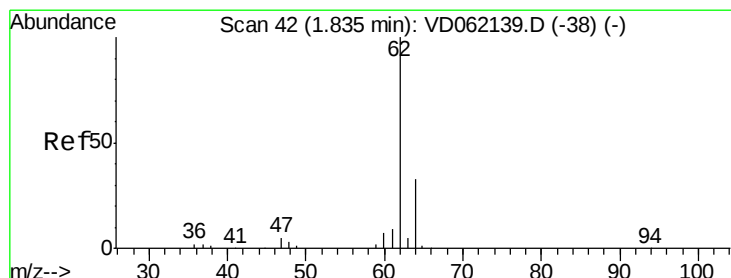
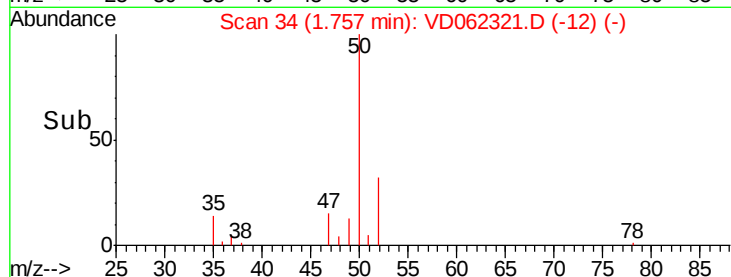
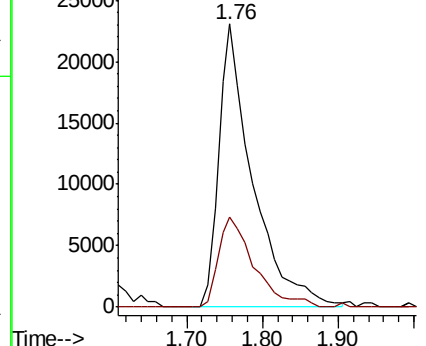
50 100

52 31.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.578 ug/l

RT: 1.86 min Scan# 44

Delta R.T. 0.02 min

Lab File: VD062321.D

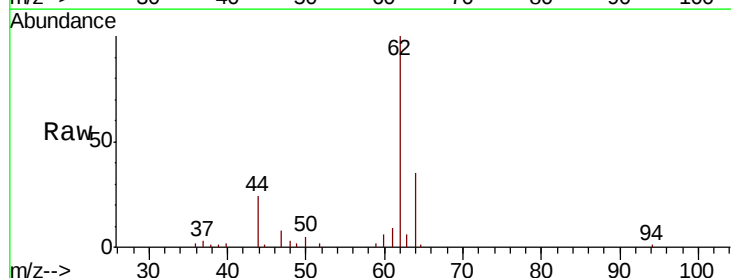
Acq: 14 May 2019 00:12

Tgt Ion: 62 Resp: 75243

Ion Ratio Lower Upper

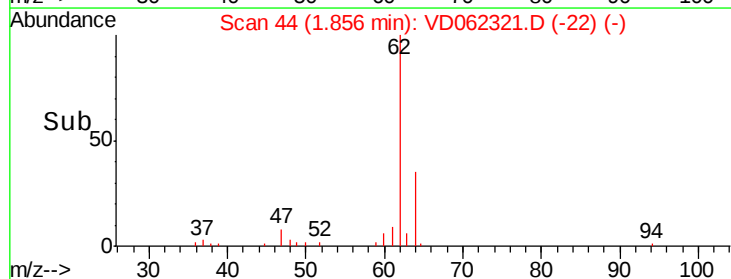
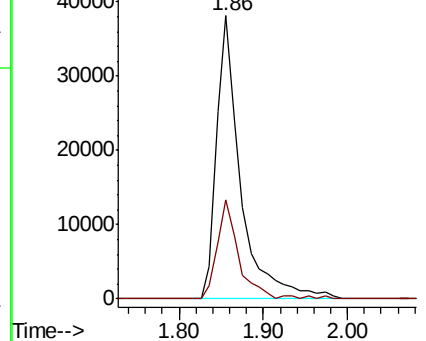
62 100

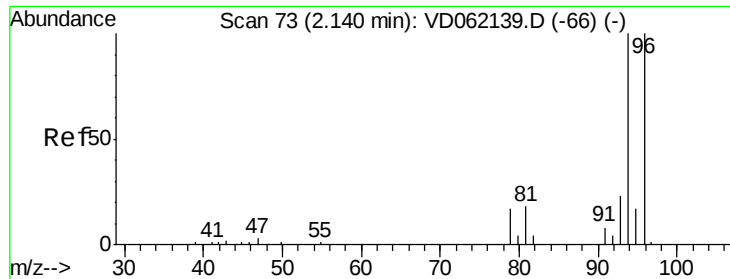
64 35.2 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

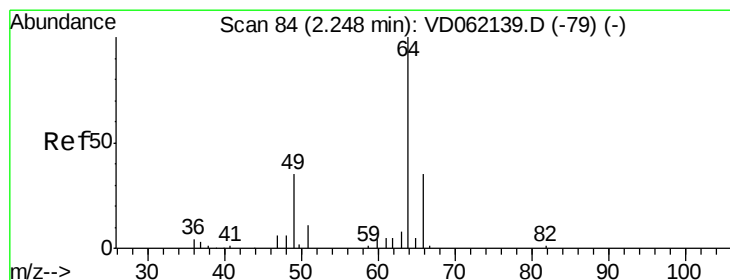
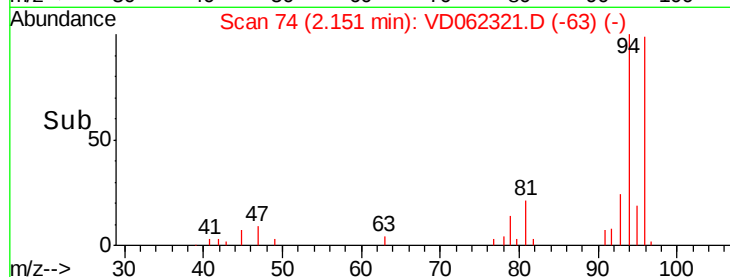
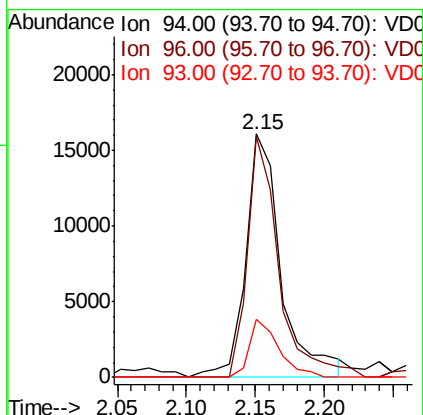
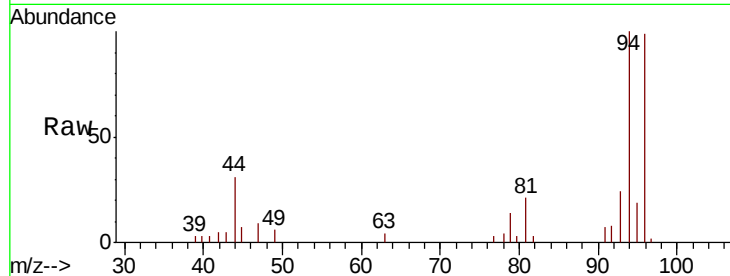




#5  
Bromomethane  
Concen: 33.736 ug/l  
RT: 2.15 min Scan# 74  
Delta R.T. 0.01 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

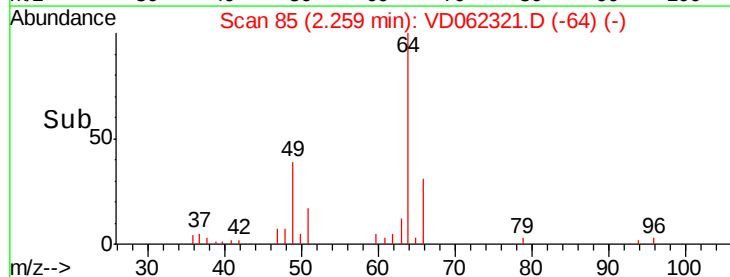
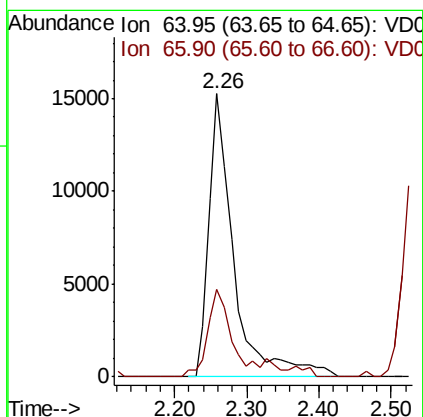
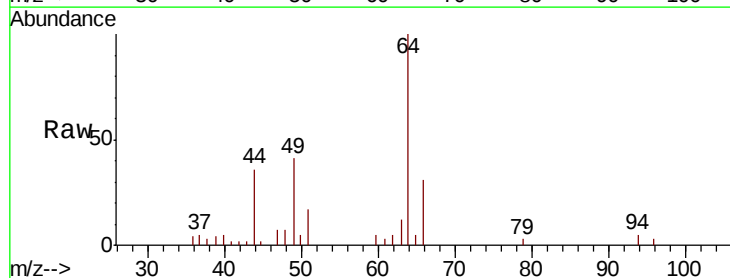
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

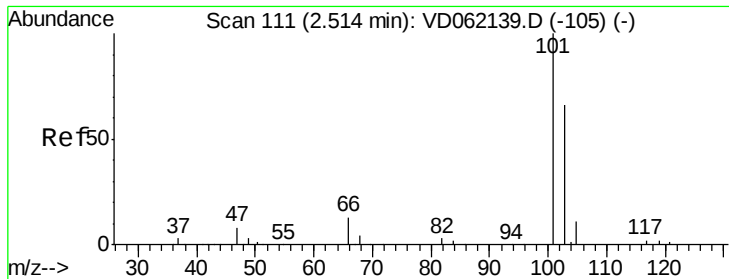
Tot Ion: 94 Resp: 28904  
Ion Ratio Lower Upper  
94 100  
96 98.8 76.6 115.0  
93 23.7 18.5 27.7



#6  
Chloroethane  
Concen: 23.647 ug/l  
RT: 2.26 min Scan# 85  
Delta R.T. 0.01 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion: 64 Resp: 36282  
Ion Ratio Lower Upper  
64 100  
66 31.0 25.6 38.4



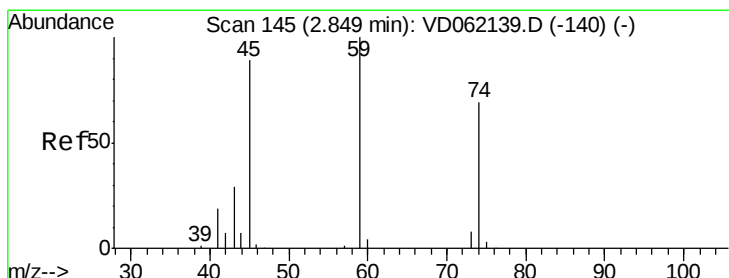
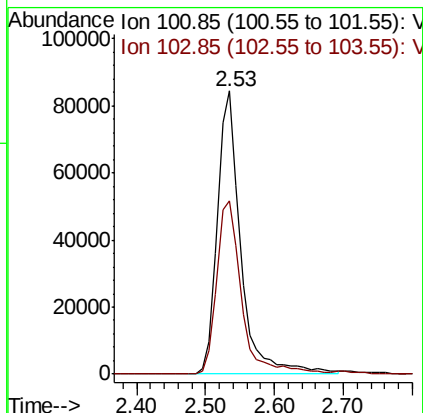
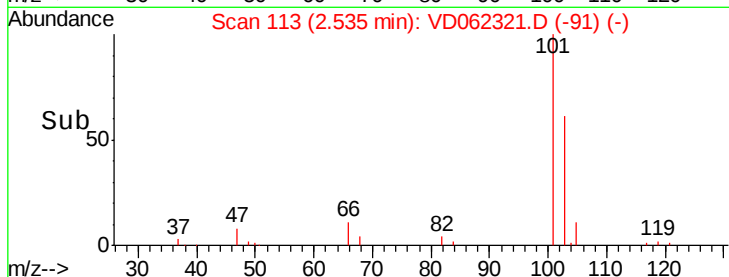
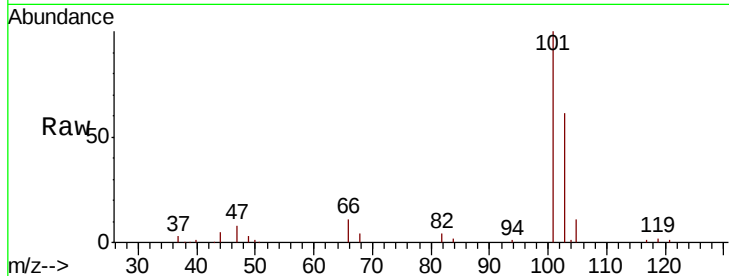


#7

Trichlorofluoromethane  
 Concen: 28.037 ug/l  
 RT: 2.53 min Scan# 113  
 Delta R.T. 0.02 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS02

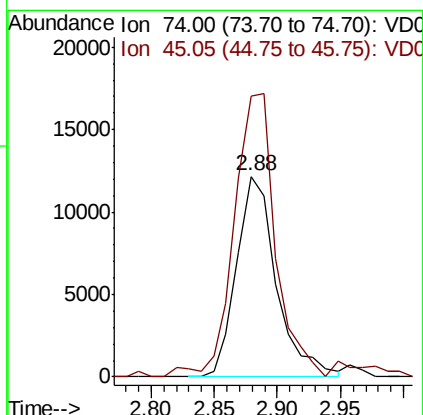
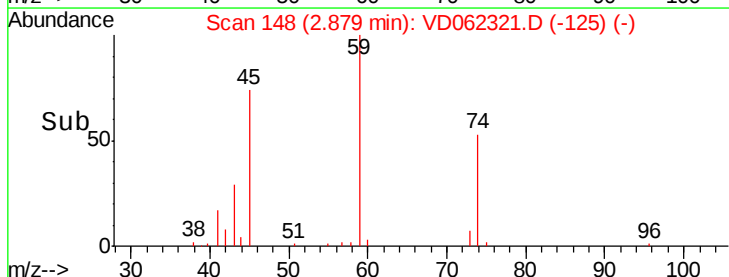
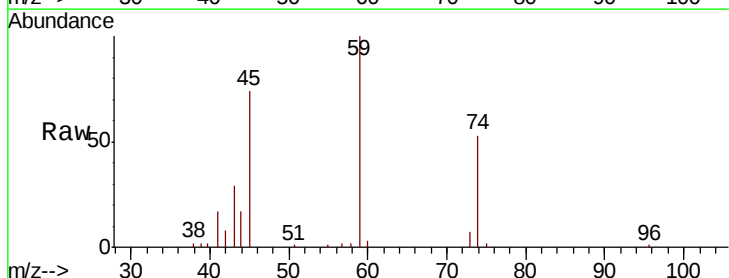
Tot Ion:101 Resp: 199310  
 Ion Ratio Lower Upper  
 101 100  
 103 61.1 53.6 80.4

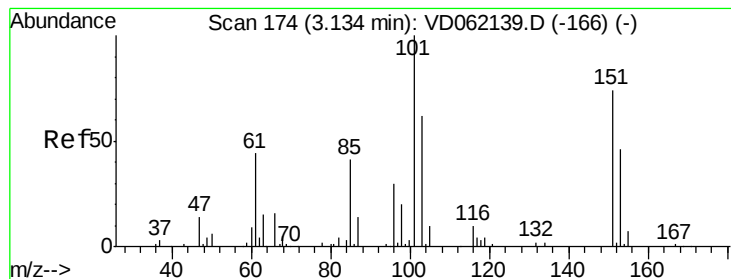


#8

Diethyl Ether  
 Concen: 19.360 ug/l  
 RT: 2.88 min Scan# 148  
 Delta R.T. 0.03 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

Tgt Ion: 74 Resp: 26542  
 Ion Ratio Lower Upper  
 74 100  
 45 139.9 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.088 ug/l

RT: 3.15 min Scan# 176

Delta R.T. 0.02 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS02

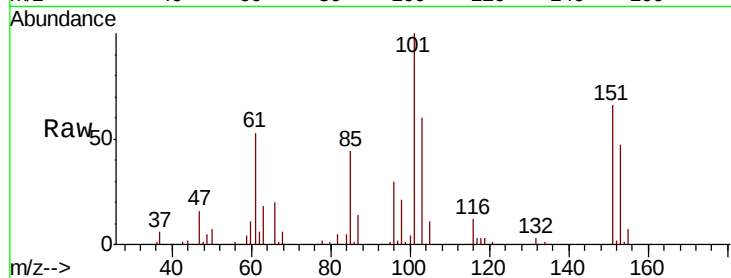
Tot Ion:101 Resp: 124155

Ion Ratio Lower Upper

101 100

85 43.8 32.4 48.6

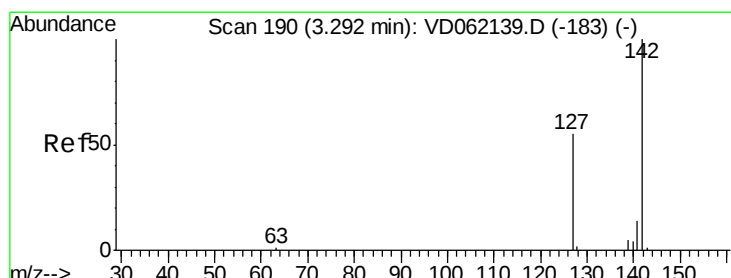
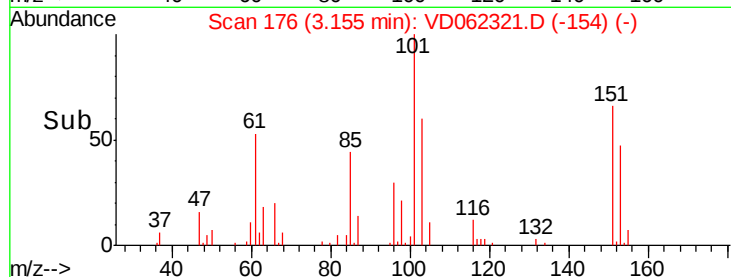
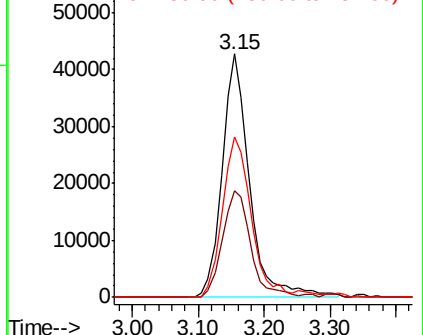
151 66.0 59.4 89.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 15.603 ug/l

RT: 3.31 min Scan# 192

Delta R.T. 0.02 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

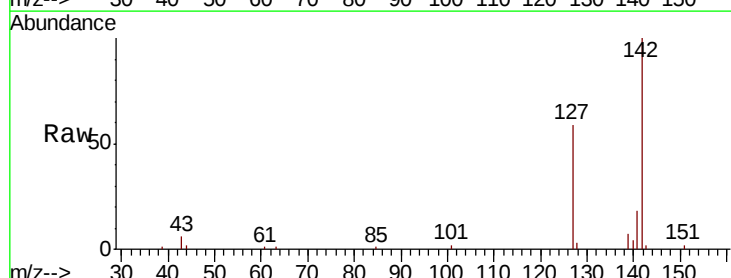
Tgt Ion:142 Resp: 126810

Ion Ratio Lower Upper

142 100

127 59.2 38.8 58.2#

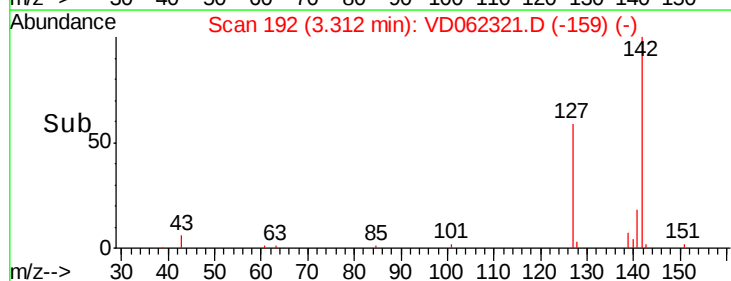
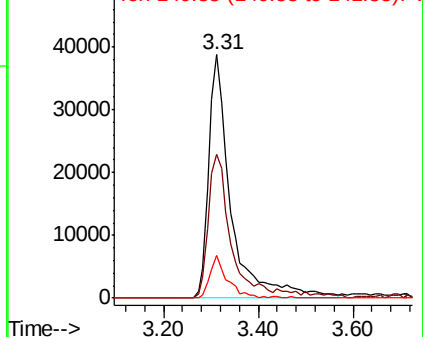
141 17.7 11.4 17.0#

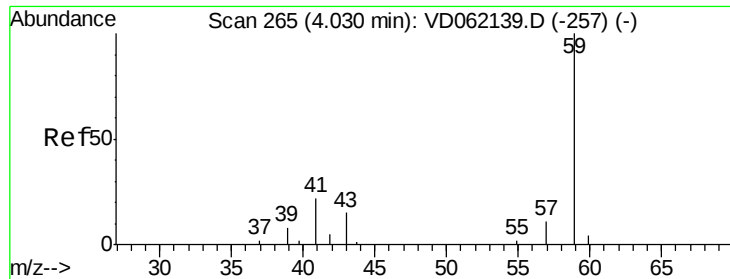


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



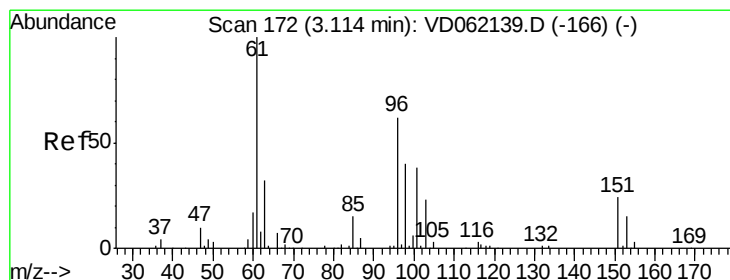
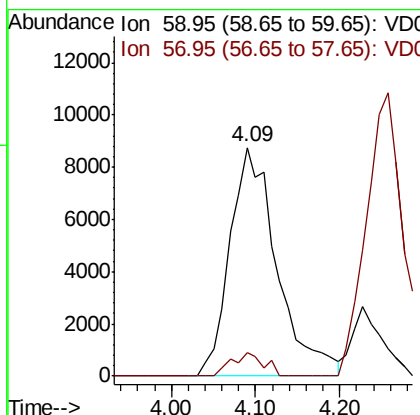
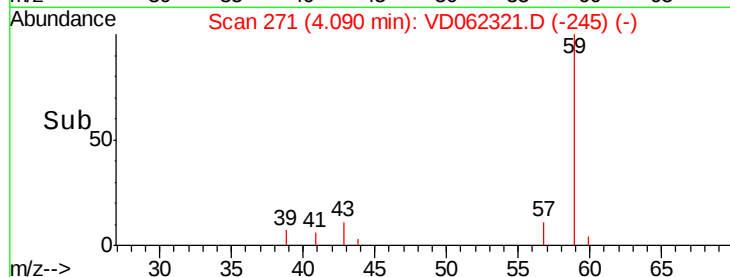
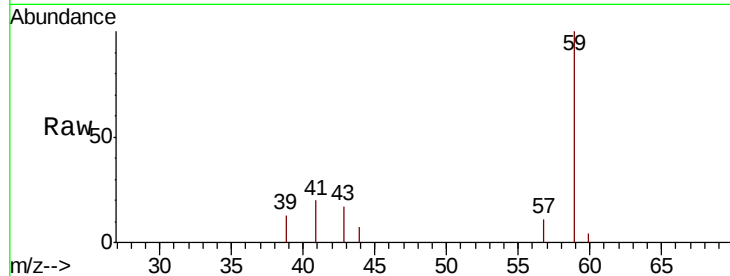


#11

Tert butyl alcohol  
 Concen: 133.709 ug/l  
 RT: 4.09 min Scan# 271  
 Delta R.T. 0.06 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS02

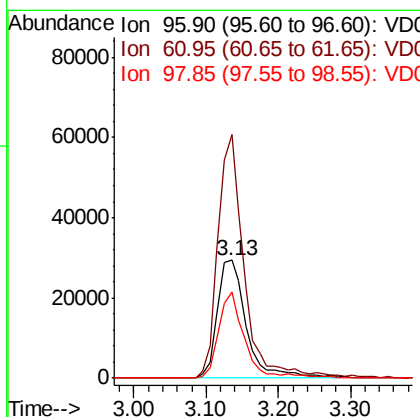
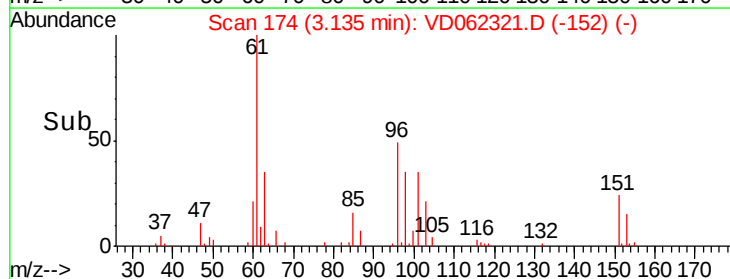
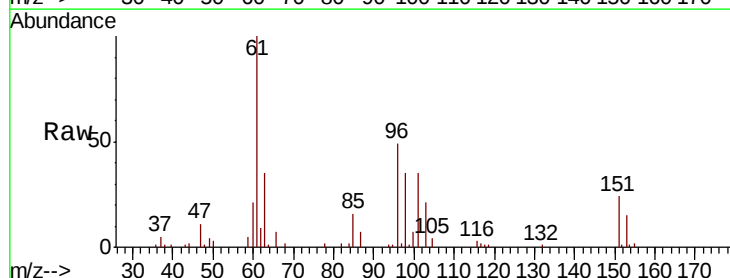
Tot Ion: 59 Resp: 34147  
 Ion Ratio Lower Upper  
 59 100  
 57 10.5 6.9 10.3#

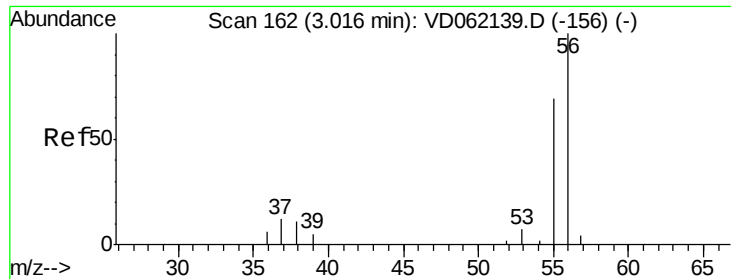


#12

1,1-Dichloroethene  
 Concen: 19.941 ug/l  
 RT: 3.13 min Scan# 174  
 Delta R.T. 0.02 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

Tgt Ion: 96 Resp: 81857  
 Ion Ratio Lower Upper  
 96 100  
 61 206.1 129.8 194.8#  
 98 72.5 51.2 76.8





#13

Acrolein

Concen: 60.183 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.03 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

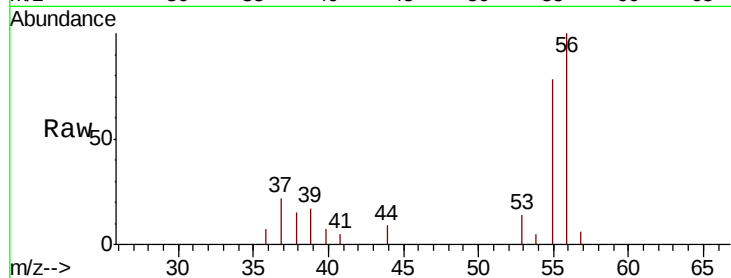
VD0513SBS02

Tot Ion: 56 Resp: 15897

Ion Ratio Lower Upper

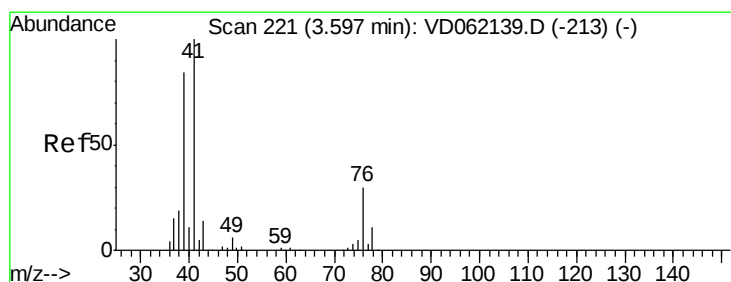
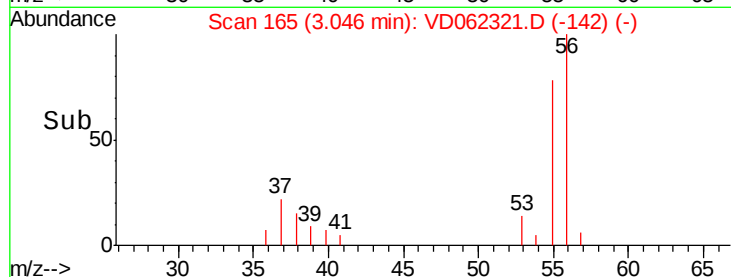
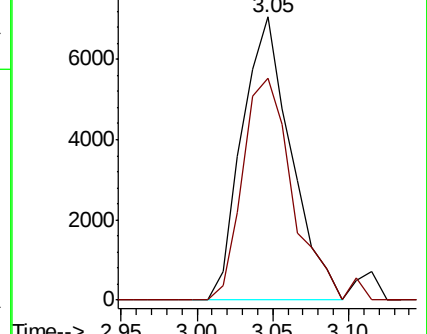
56 100

55 78.5 51.4 77.2#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.833 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.03 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

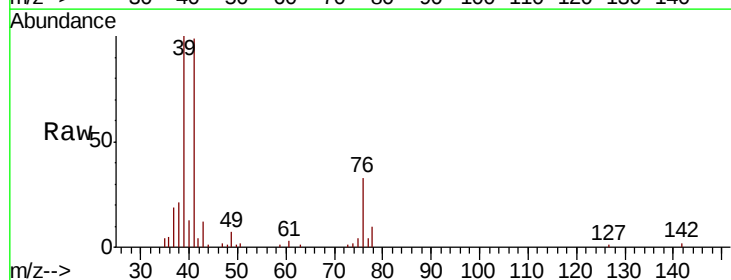
Tgt Ion: 41 Resp: 124342

Ion Ratio Lower Upper

41 100

39 101.4 60.5 90.7#

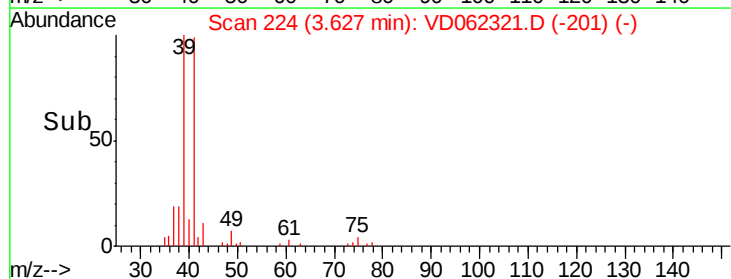
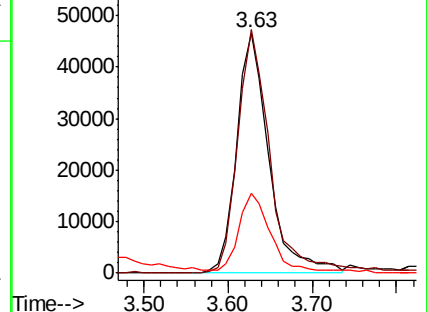
76 33.4 31.8 47.8

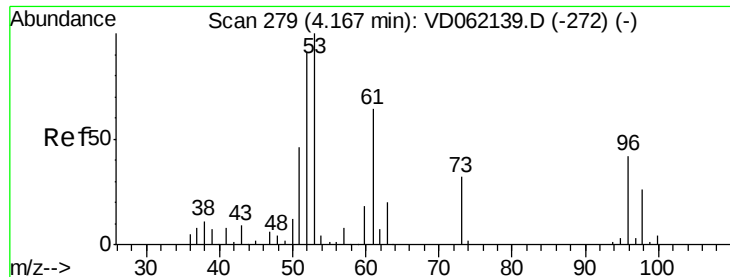


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 110.498 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.04 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS02

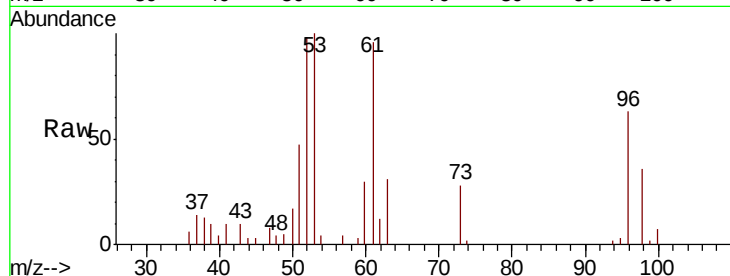
Tot Ion: 53 Resp: 74173

Ion Ratio Lower Upper

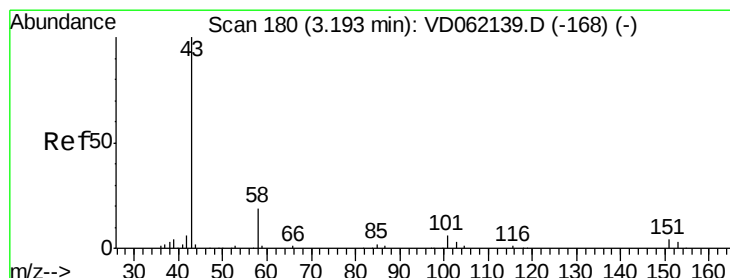
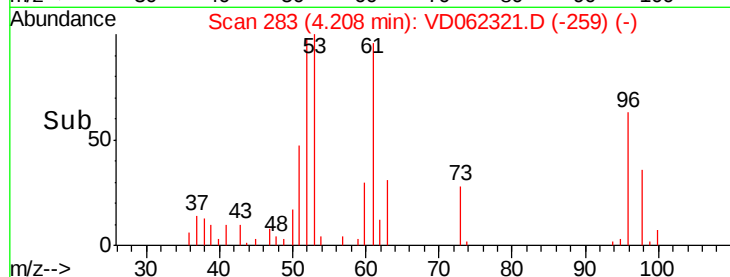
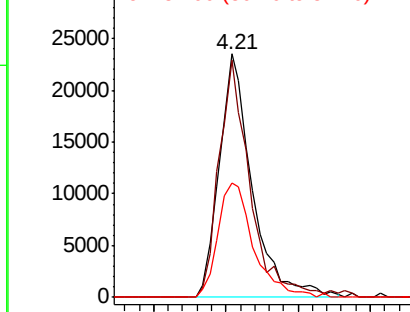
53 100

52 97.6 65.0 97.4#

51 47.1 32.6 48.8



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



#16

Acetone

Concen: 118.472 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062321.D

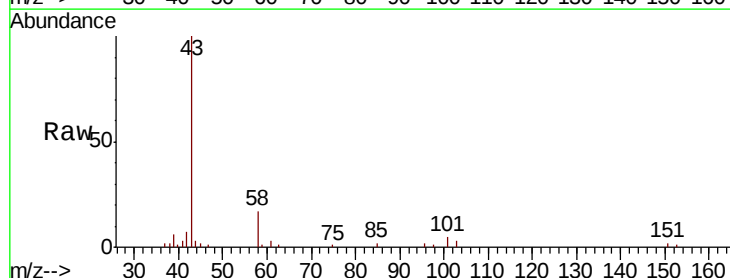
Acq: 14 May 2019 00:12

Tgt Ion: 43 Resp: 124302

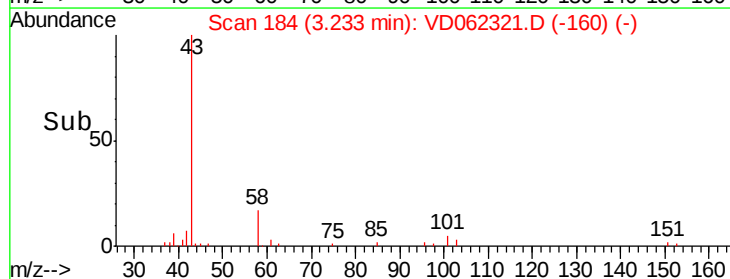
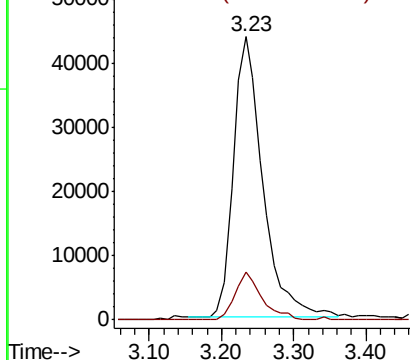
Ion Ratio Lower Upper

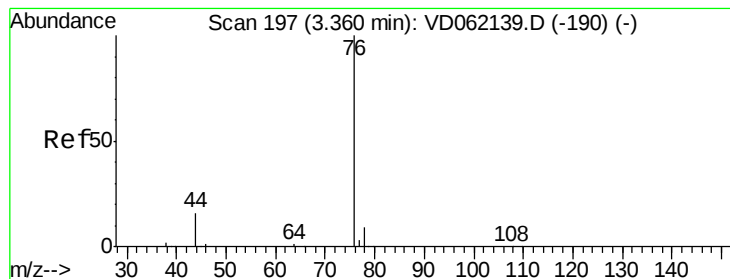
43 100

58 16.7 19.9 29.9#



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





#17

Carbon Disulfide

Concen: 17.019 ug/l

RT: 3.38 min Scan# 199

Delta R.T. 0.02 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

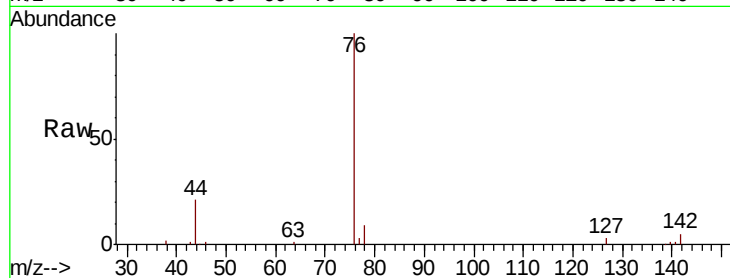
VD0513SBS02

Tot Ion: 76 Resp: 200972

Ion Ratio Lower Upper

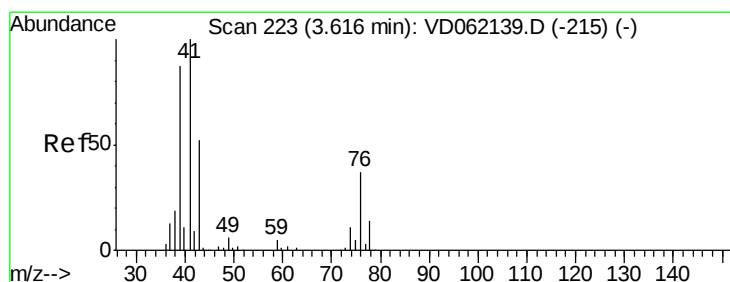
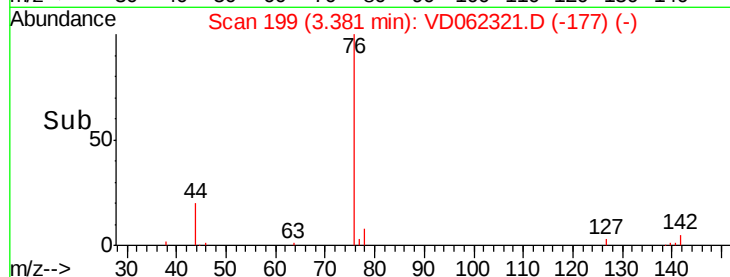
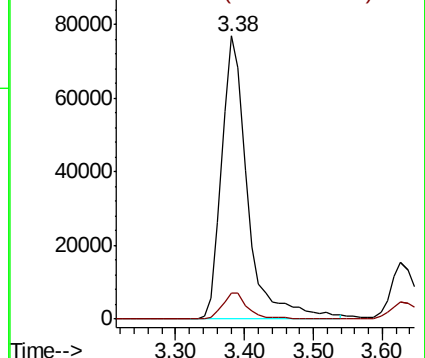
76 100

78 9.2 7.2 10.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 29.945 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.03 min

Lab File: VD062321.D

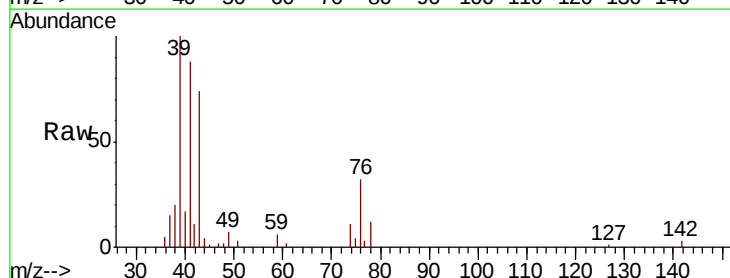
Acq: 14 May 2019 00:12

Tgt Ion: 43 Resp: 56420

Ion Ratio Lower Upper

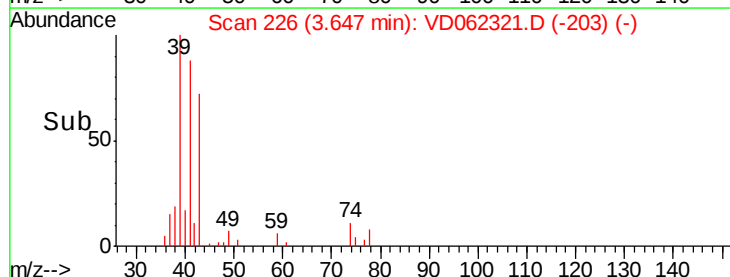
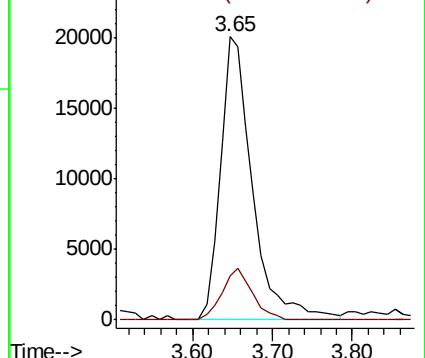
43 100

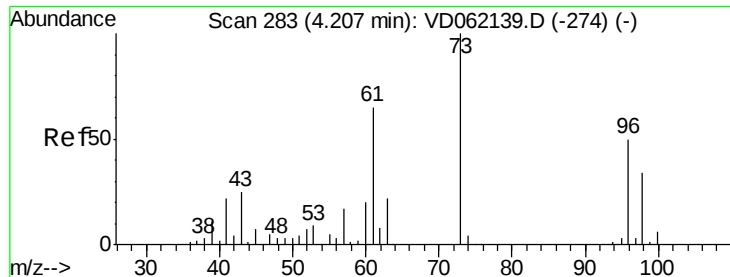
74 15.4 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

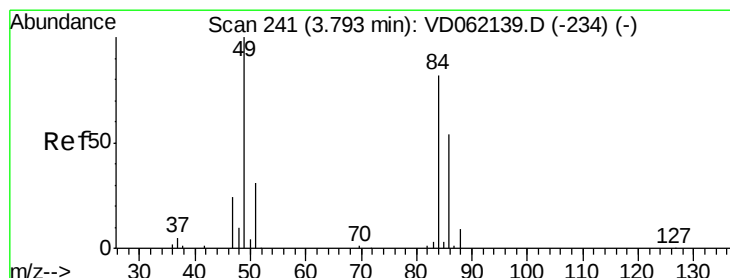
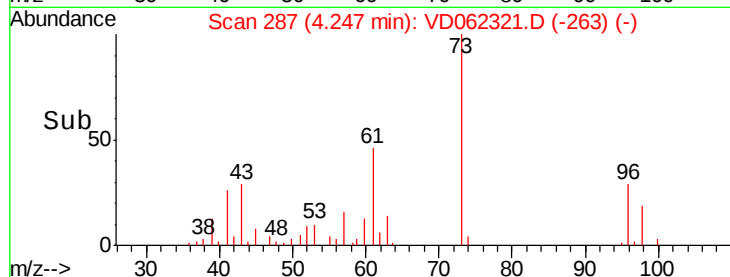
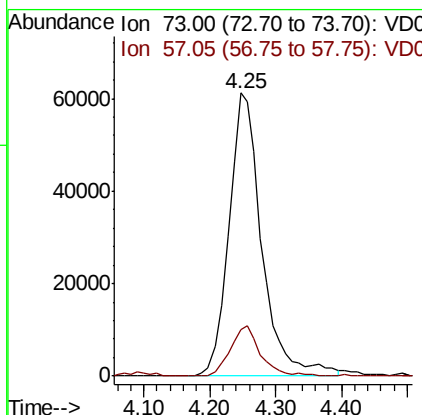
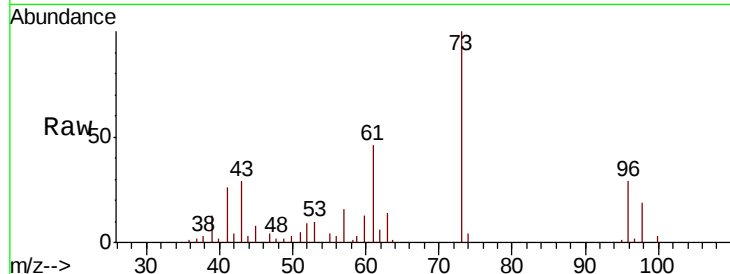




#19  
Methyl tert-butyl Ether  
Concen: 24.212 ug/l  
RT: 4.25 min Scan# 287  
Delta R.T. 0.04 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

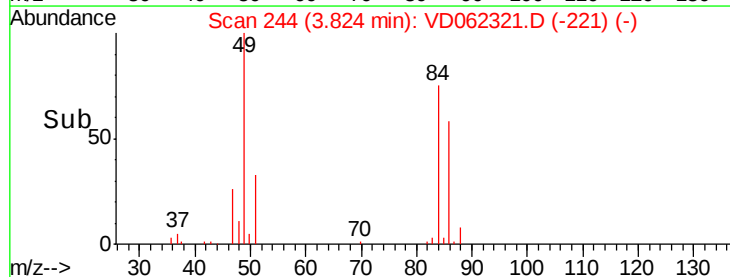
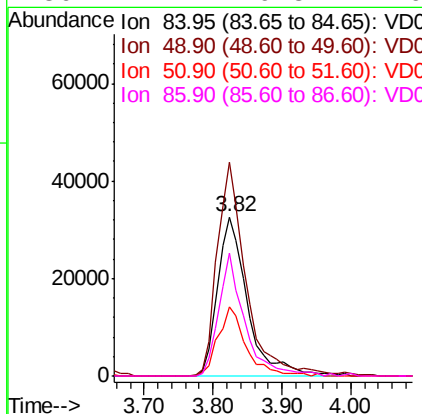
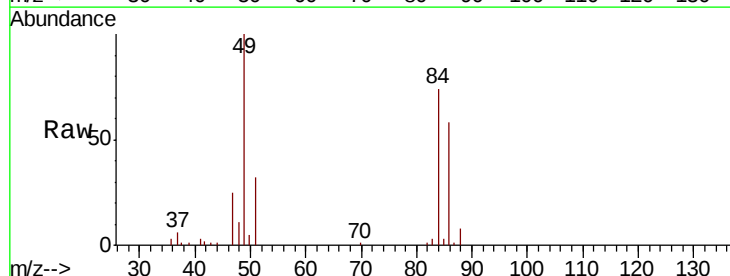
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

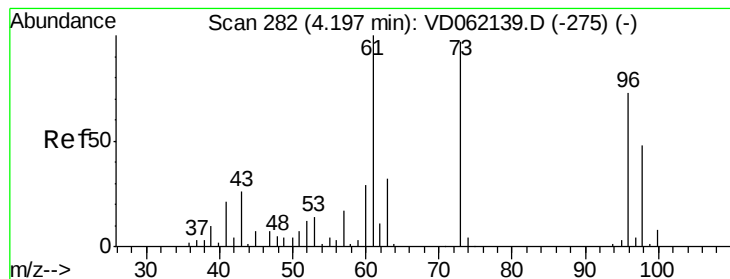
Tot Ion: 73 Resp: 213032  
Ion Ratio Lower Upper  
73 100  
57 16.4 16.3 24.5



#20  
Methylene Chloride  
Concen: 22.291 ug/l  
RT: 3.82 min Scan# 244  
Delta R.T. 0.03 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion: 84 Resp: 97653  
Ion Ratio Lower Upper  
84 100  
49 134.4 94.0 141.0  
51 43.6 29.0 43.4#  
86 77.4 49.8 74.6#





#21

trans-1,2-Dichloroethene

Concen: 19.768 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.03 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS02

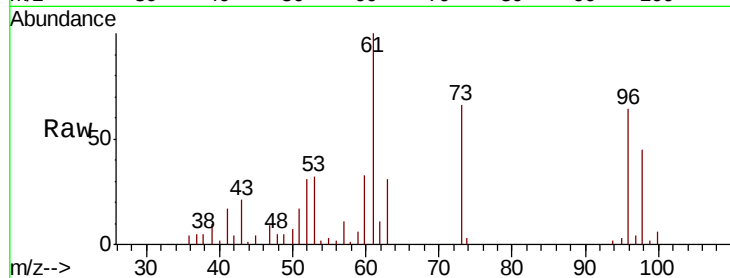
Tot Ion: 96 Resp: 90298

Ion Ratio Lower Upper

96 100

61 157.3 104.4 156.6#

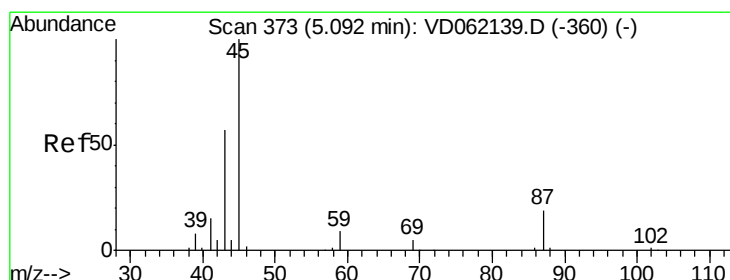
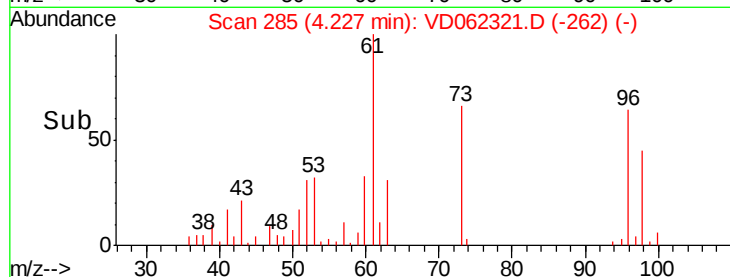
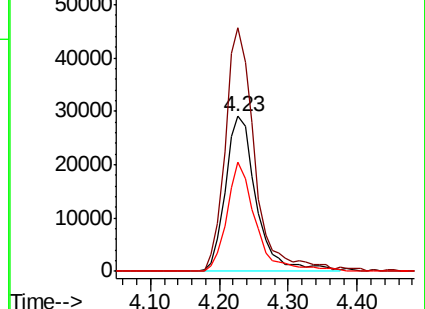
98 70.7 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 21.254 ug/l

RT: 5.14 min Scan# 378

Delta R.T. 0.05 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Tgt Ion: 45 Resp: 269950

Ion Ratio Lower Upper

45 100

43 64.9 46.2 69.2

87 19.0 15.9 23.9

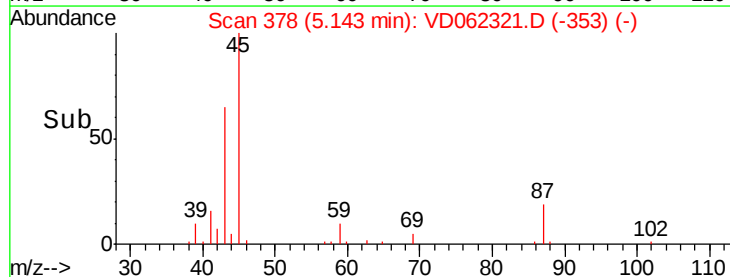
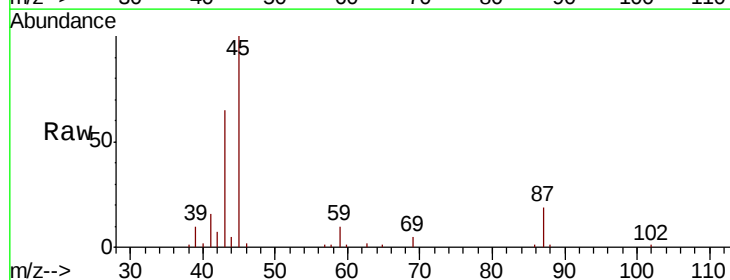
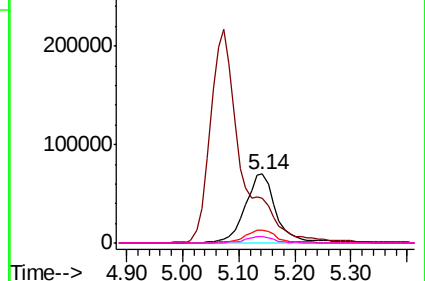
59 9.5 7.9 11.9

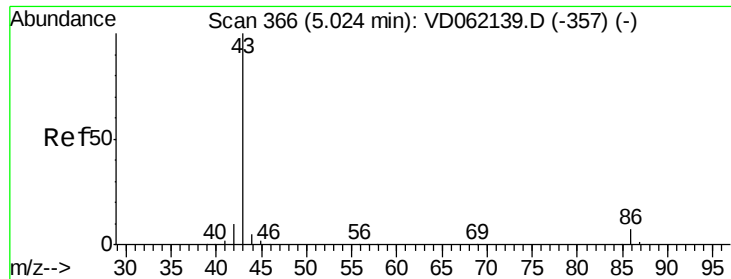
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 123.142 ug/l

RT: 5.07 min Scan# 371

Delta R.T. 0.05 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

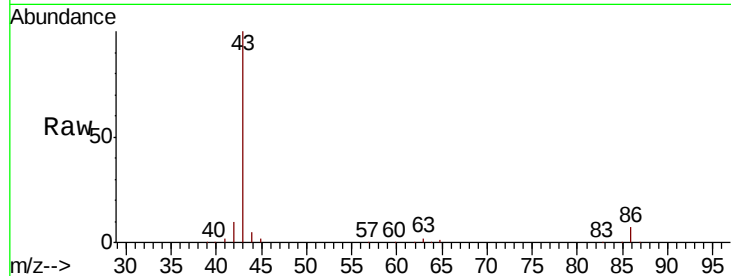
VD0513SBS02

Tot Ion: 43 Resp: 825202

Ion Ratio Lower Upper

43 100

86 6.8 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

250000

200000

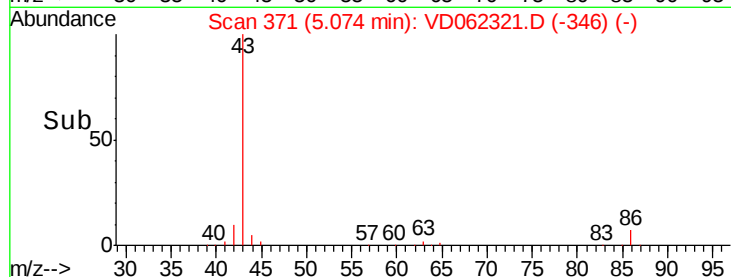
150000

100000

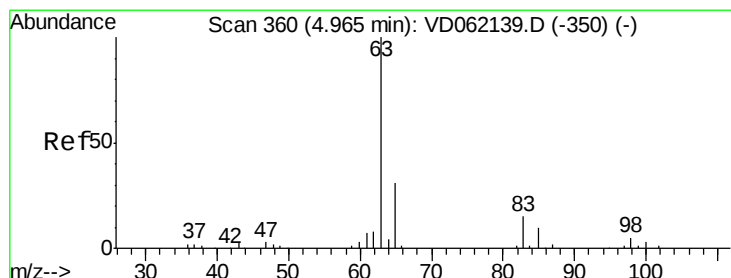
50000

0

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 22.752 ug/l

RT: 5.00 min Scan# 364

Delta R.T. 0.04 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

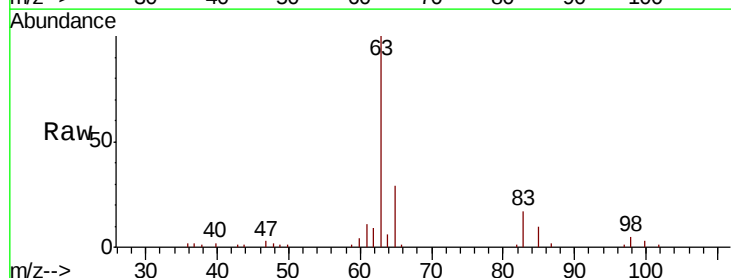
Tgt Ion: 63 Resp: 174329

Ion Ratio Lower Upper

63 100

98 5.2 2.8 8.4

100 3.4 1.8 5.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

60000

50000

40000

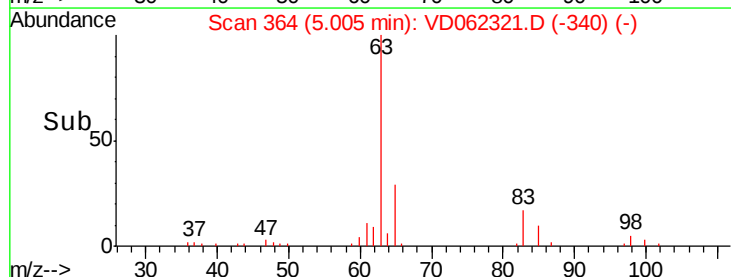
30000

20000

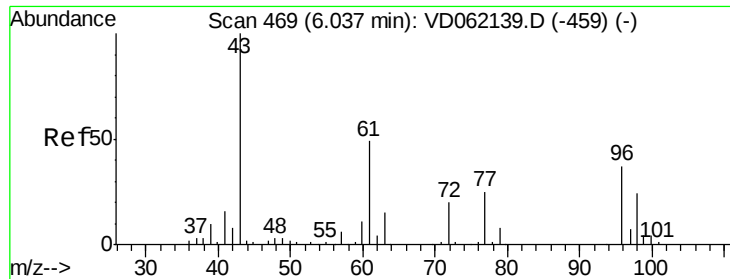
10000

0

Time-->



Time-->



#25

2-Butanone

Concen: 124.008 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.05 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

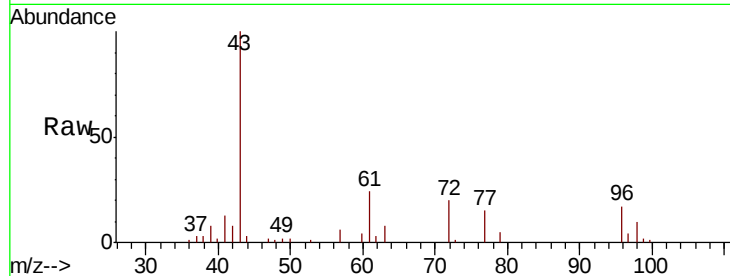
VD0513SBS02

Tot Ion: 43 Resp: 141919

Ion Ratio Lower Upper

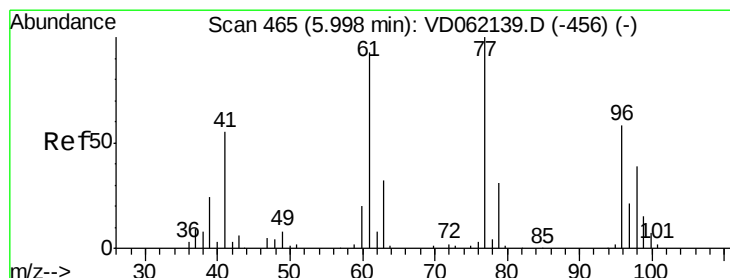
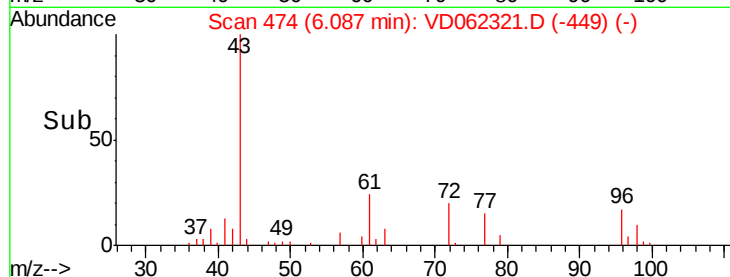
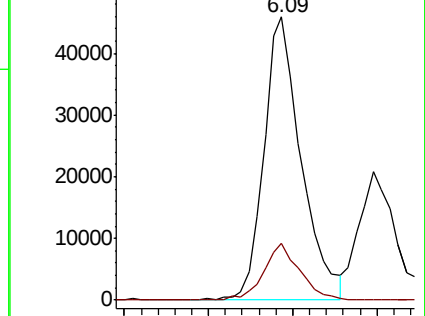
43 100

72 20.0 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 25.099 ug/l

RT: 6.04 min Scan# 469

Delta R.T. 0.04 min

Lab File: VD062321.D

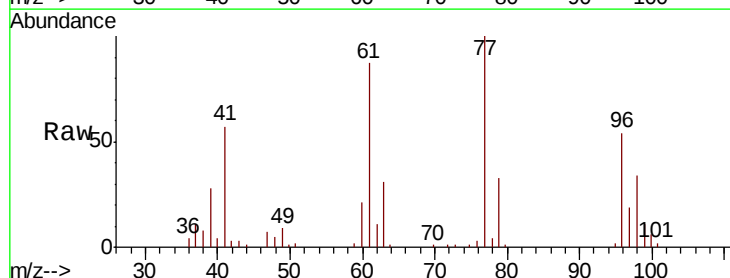
Acq: 14 May 2019 00:12

Tgt Ion: 77 Resp: 191563

Ion Ratio Lower Upper

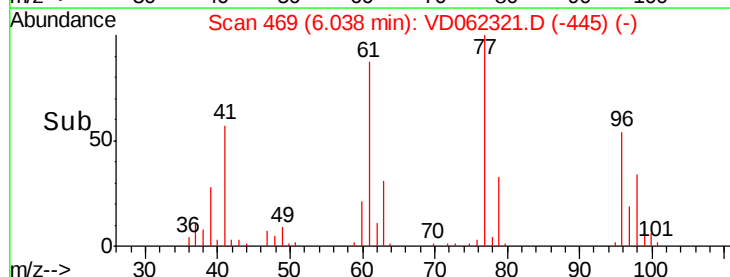
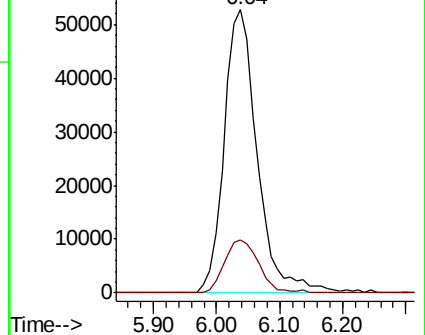
77 100

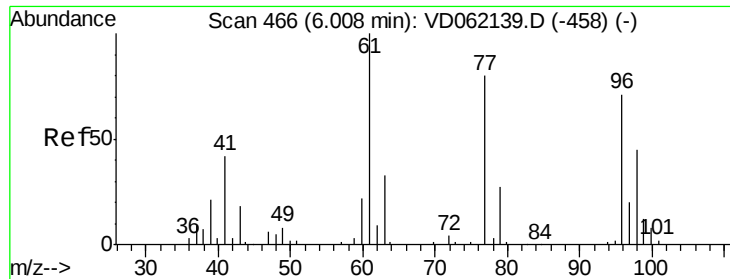
97 18.5 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



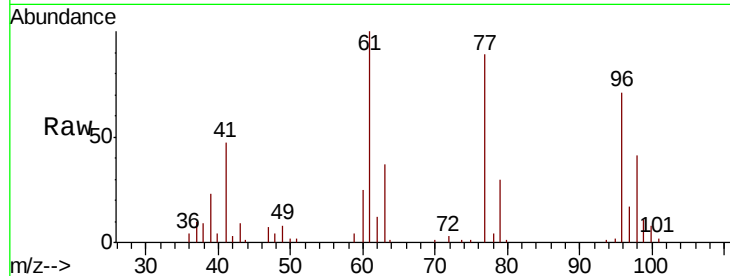


#27

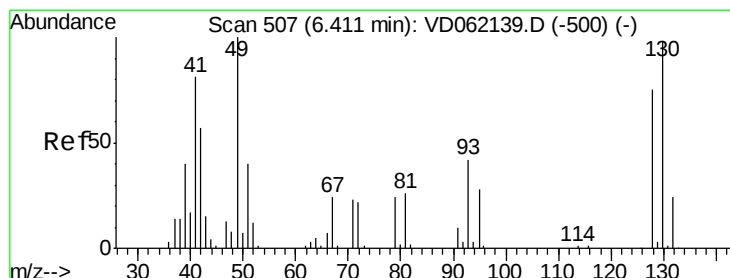
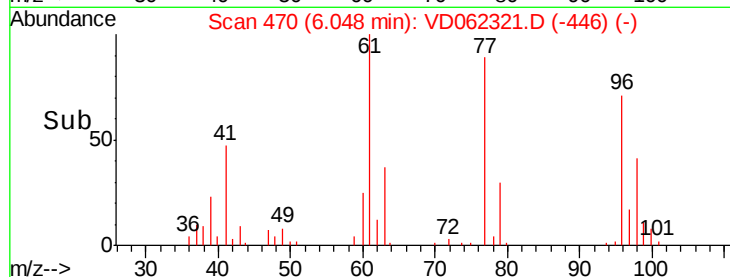
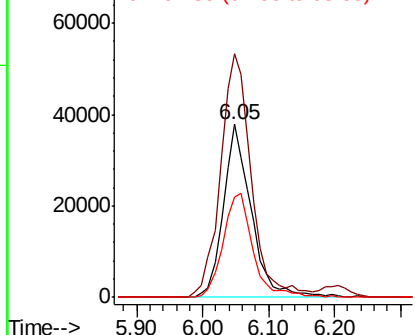
cis-1,2-Dichloroethene  
Concen: 21.921 ug/l  
RT: 6.05 min Scan# 470  
Delta R.T. 0.04 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

Tot Ion: 96 Resp: 112079  
Ion Ratio Lower Upper  
96 100  
61 141.0 0.0 279.8  
98 58.3 0.0 136.0



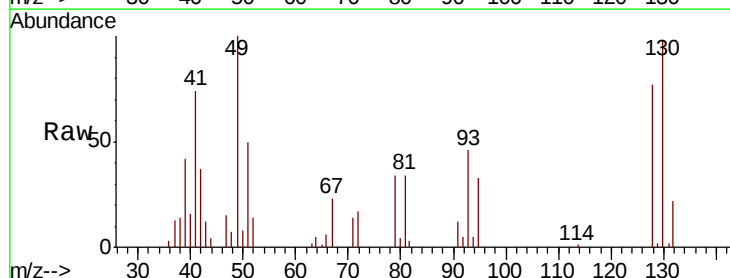
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



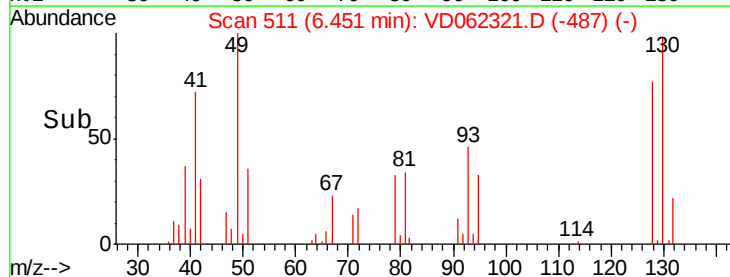
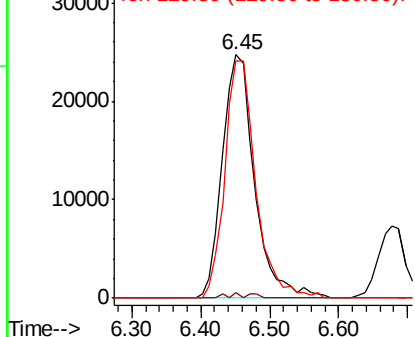
#28

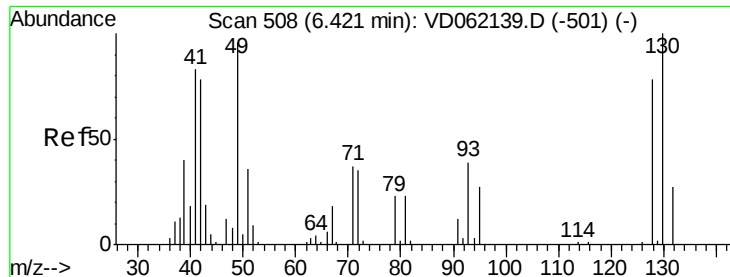
Bromochloromethane  
Concen: 26.611 ug/l  
RT: 6.45 min Scan# 511  
Delta R.T. 0.04 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion: 49 Resp: 80220  
Ion Ratio Lower Upper  
49 100  
129 2.4 0.0 6.6  
130 97.6 86.7 130.1



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

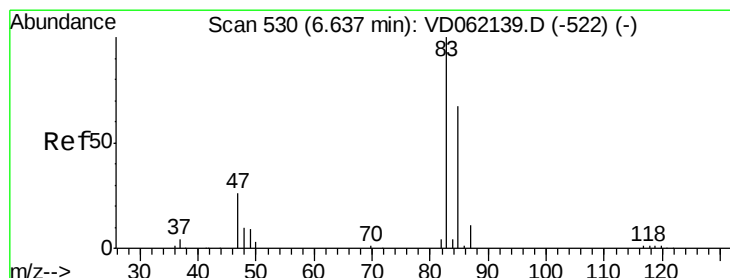
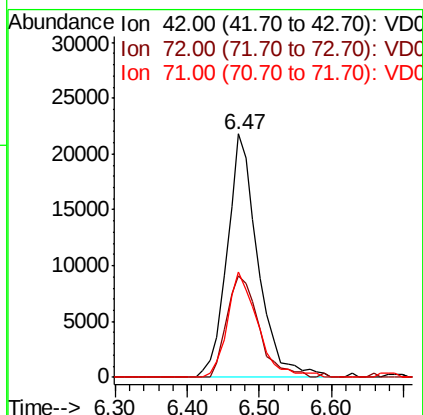
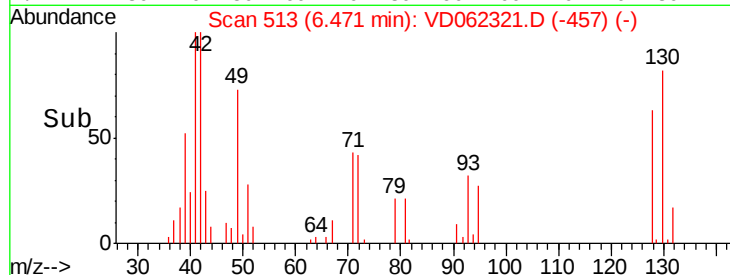
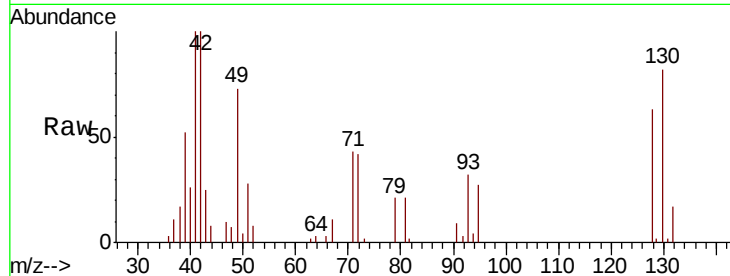




#29  
Tetrahydrofuran  
Concen: 122.397 ug/l  
RT: 6.47 min Scan# 513  
Delta R.T. 0.05 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

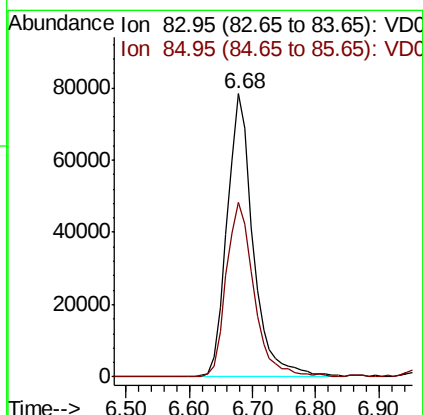
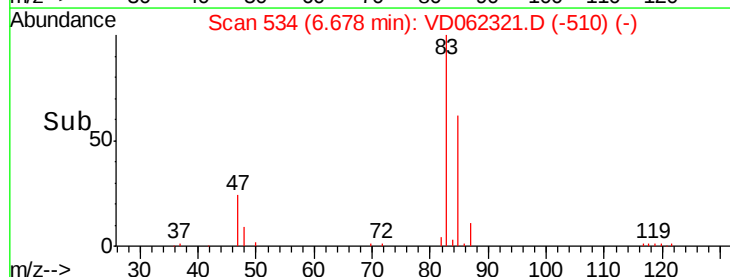
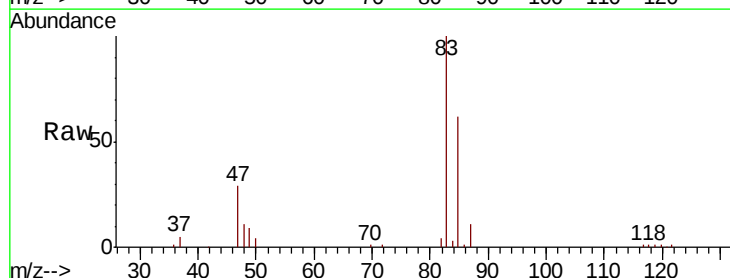
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

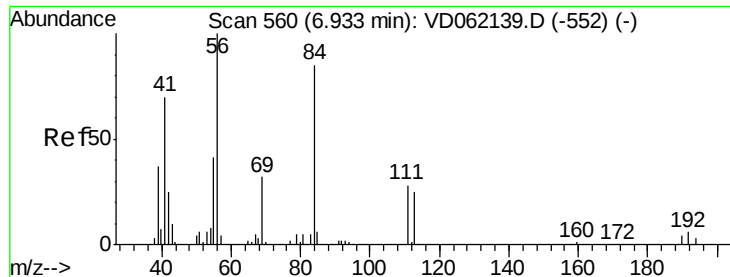
Tot Ion: 42 Resp: 64541  
Ion Ratio Lower Upper  
42 100  
72 43.5 37.8 56.6  
71 42.9 36.7 55.1



#30  
Chloroform  
Concen: 24.249 ug/l  
RT: 6.68 min Scan# 534  
Delta R.T. 0.04 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion: 83 Resp: 223917  
Ion Ratio Lower Upper  
83 100  
85 61.9 51.7 77.5

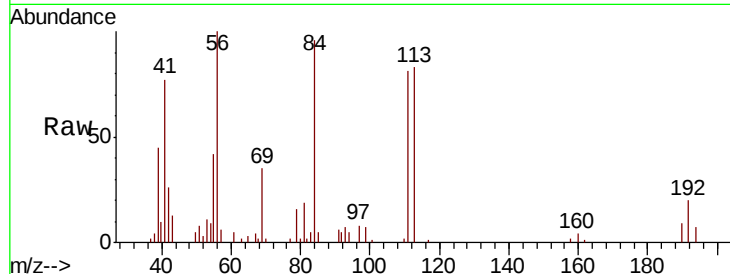




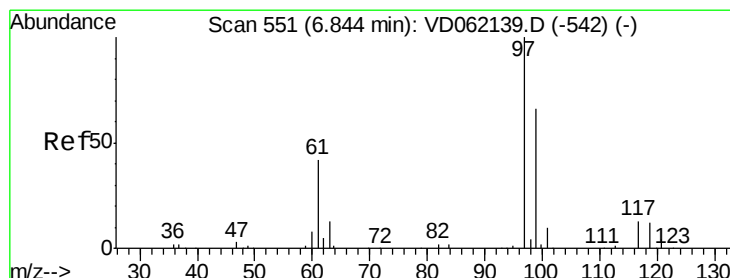
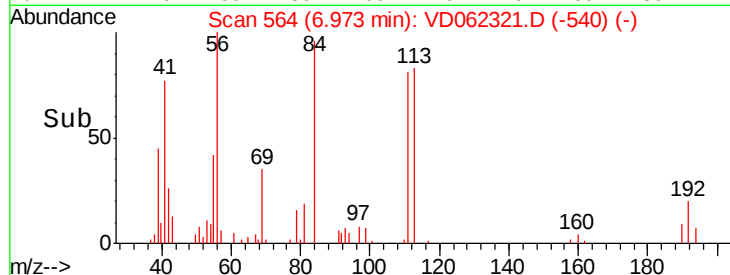
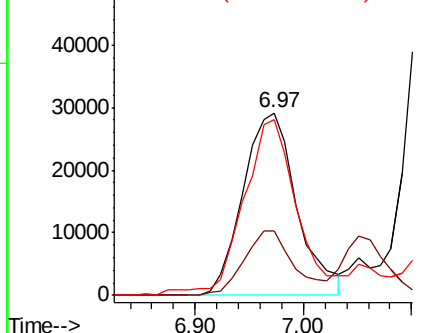
#31  
Cyclohexane  
Concen: 19.174 ug/l  
RT: 6.97 min Scan# 564  
Delta R.T. 0.04 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

Tot Ion: 56 Resp: 100650  
Ion Ratio Lower Upper  
56 100  
69 35.4 25.8 38.6  
84 96.2 72.2 108.4

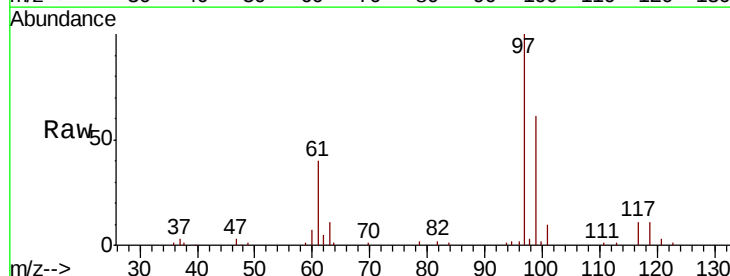


Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC

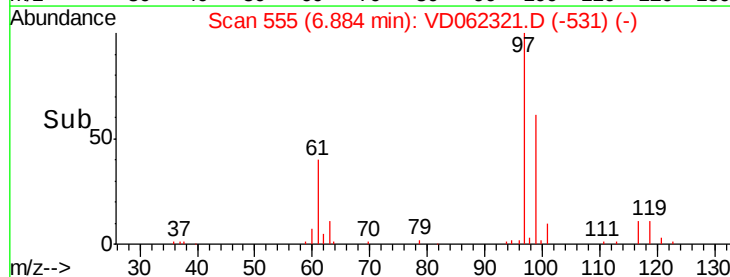
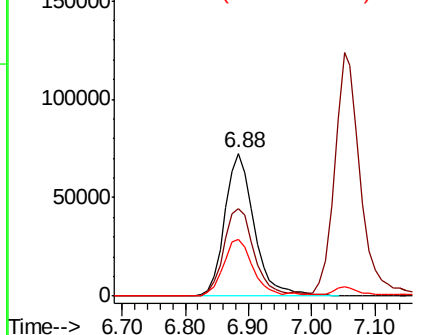


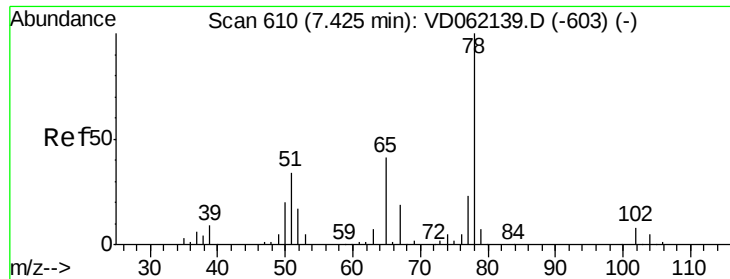
#32  
1,1,1-Trichloroethane  
Concen: 26.811 ug/l  
RT: 6.88 min Scan# 555  
Delta R.T. 0.04 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion: 97 Resp: 234010  
Ion Ratio Lower Upper  
97 100  
99 61.4 52.2 78.2  
61 39.7 32.4 48.6



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: 63.401 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

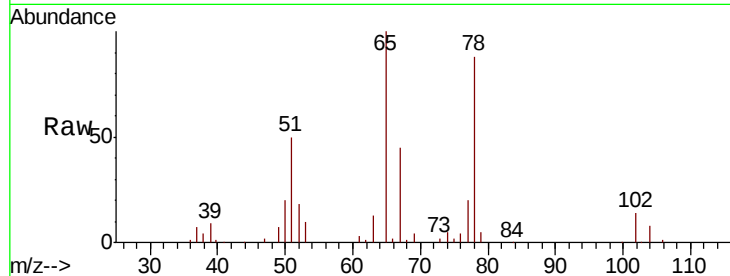
VD0513SBS02

Tot Ion: 65 Resp: 317204

Ion Ratio Lower Upper

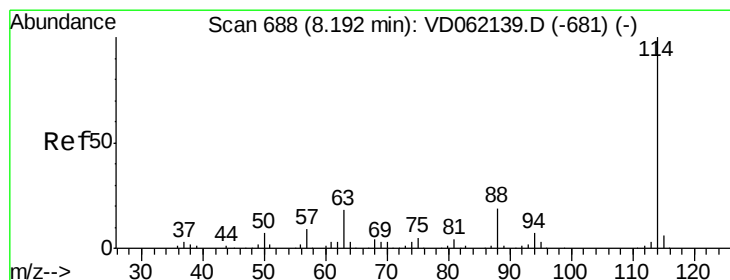
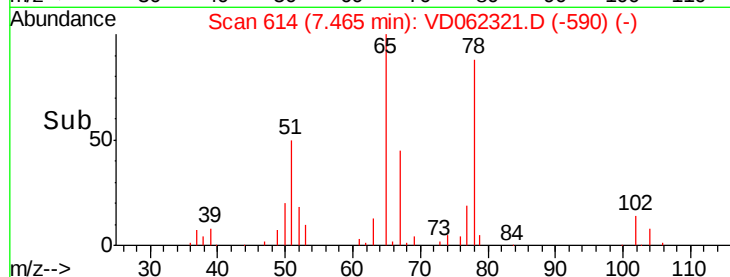
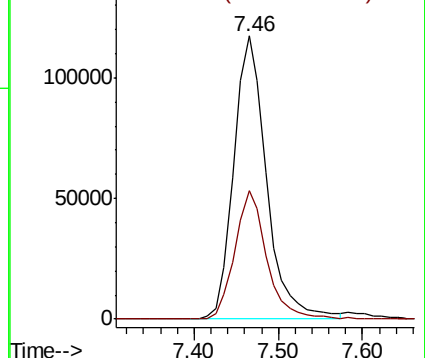
65 100

67 45.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

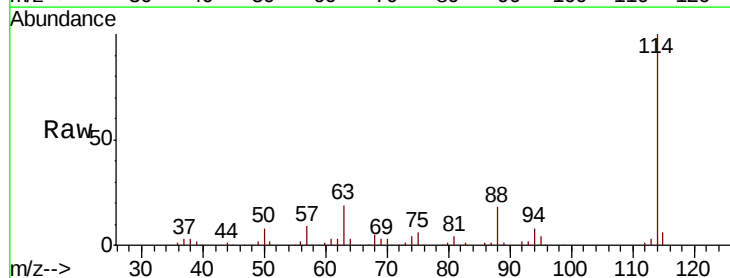
Tgt Ion: 114 Resp: 728588

Ion Ratio Lower Upper

114 100

63 19.1 0.0 32.4

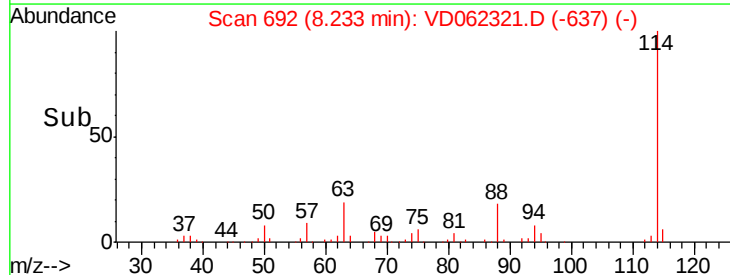
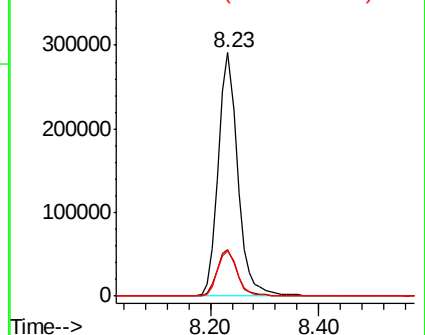
88 18.4 0.0 33.6

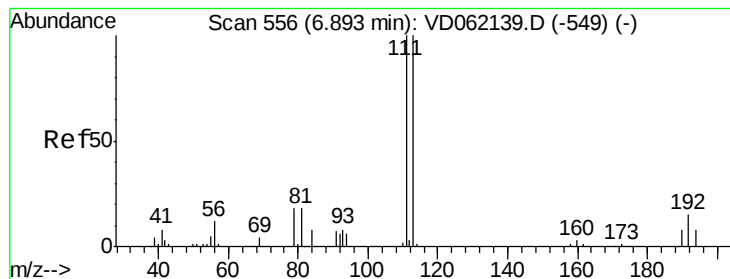


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 57.353 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.04 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS02

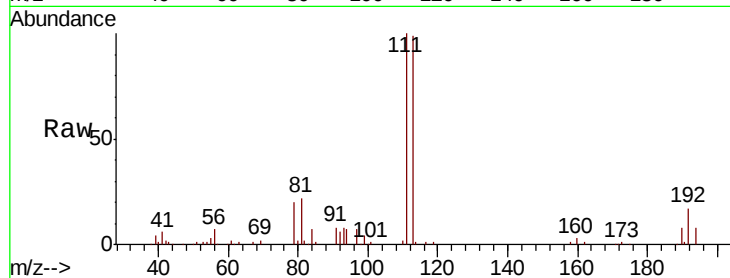
Tot Ion:113 Resp: 346712

Ion Ratio Lower Upper

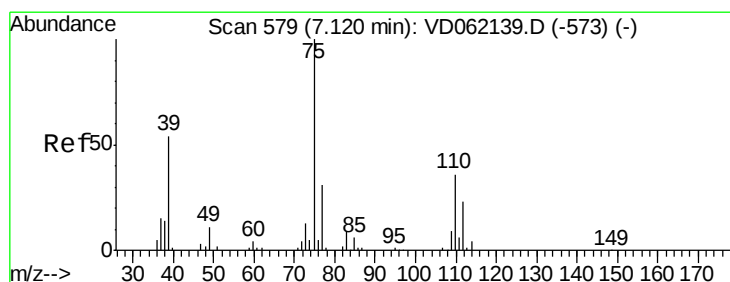
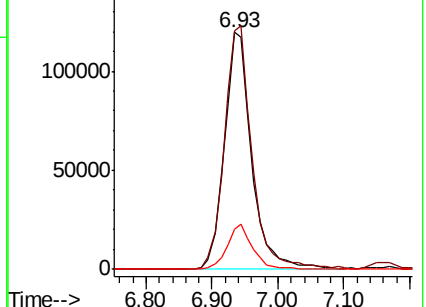
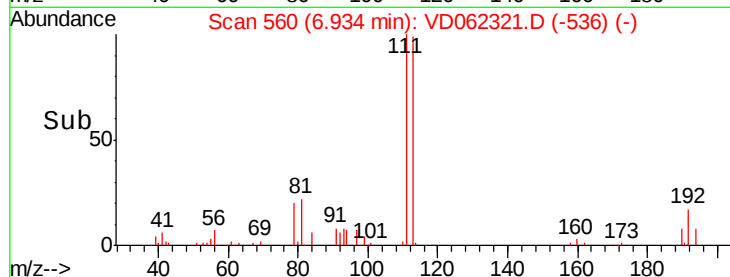
113 100

111 100.9 78.5 117.7

192 16.7 13.0 19.4



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: 25.129 ug/l

RT: 7.16 min Scan# 583

Delta R.T. 0.04 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

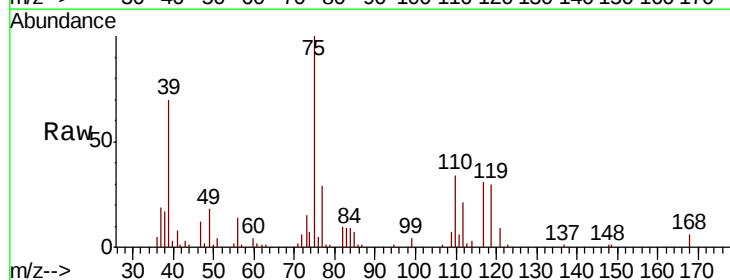
Tgt Ion: 75 Resp: 150114

Ion Ratio Lower Upper

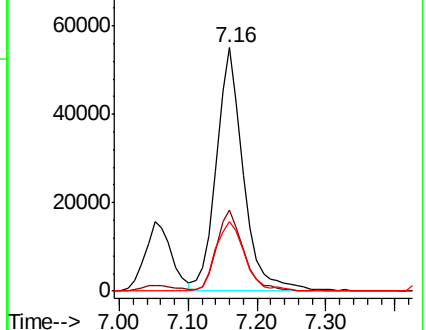
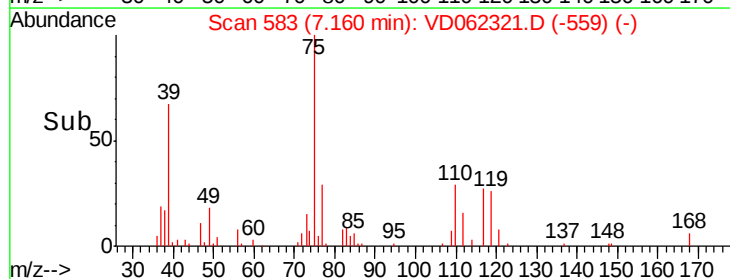
75 100

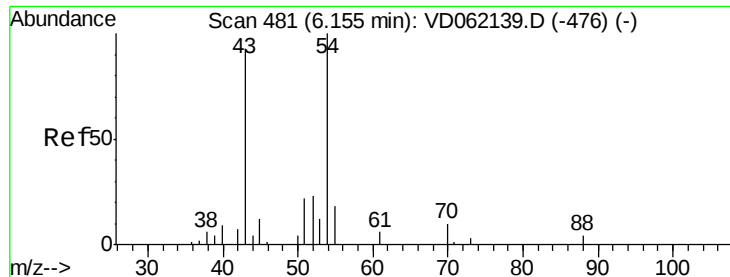
110 33.5 19.1 57.1

77 28.6 25.6 38.4



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

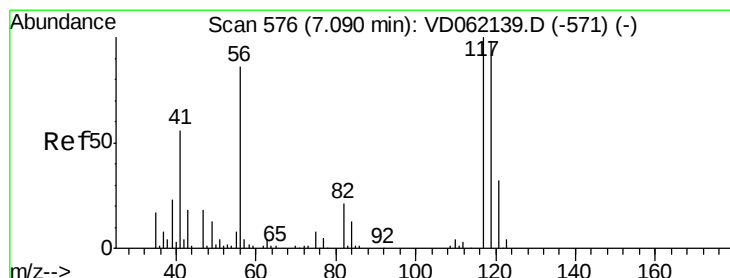
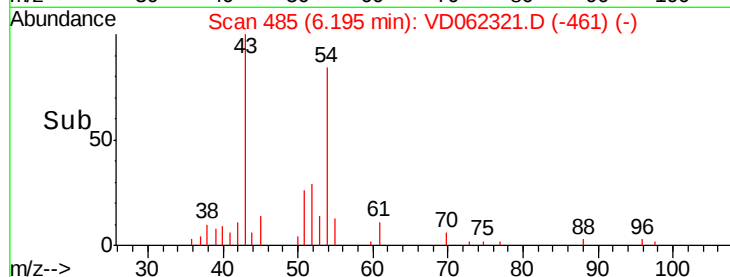
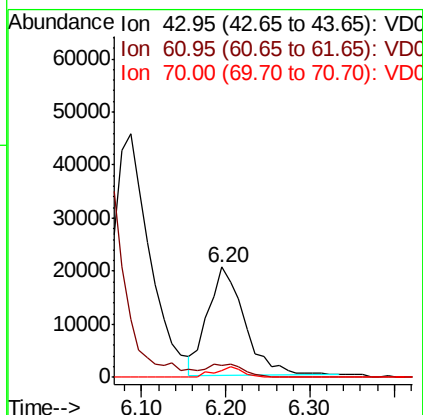
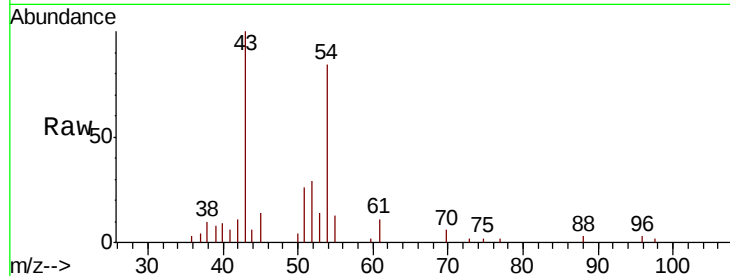




#37  
Ethyl Acetate  
Concen: 24.652 ug/l  
RT: 6.20 min Scan# 485  
Delta R.T. 0.04 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

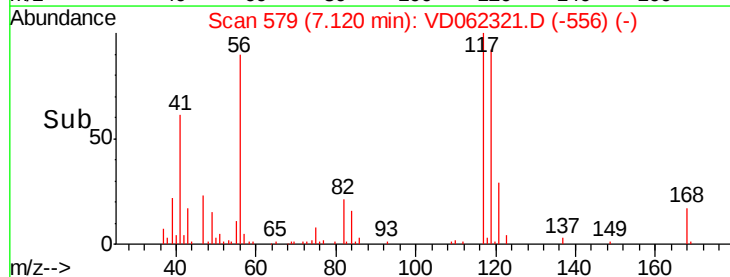
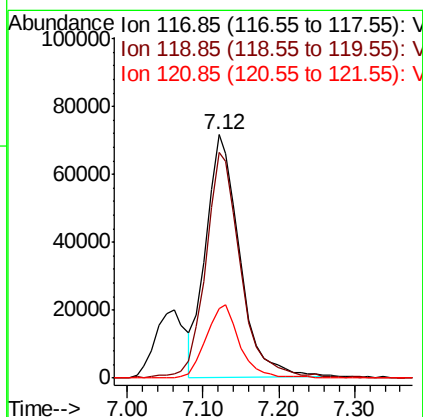
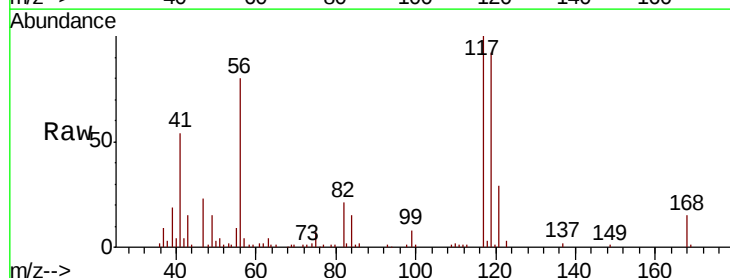
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

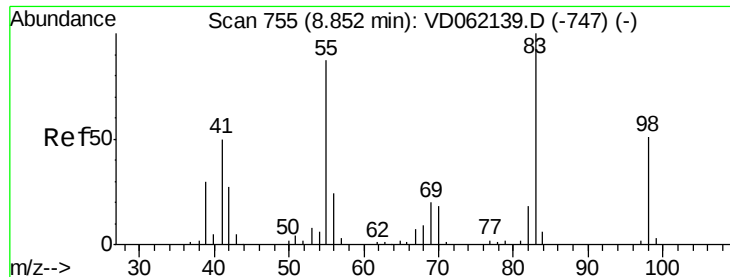
Tot Ion: 43 Resp: 62454  
Ion Ratio Lower Upper  
43 100  
61 10.9 14.7 22.1#  
70 5.7 7.8 11.6#



#38  
Carbon Tetrachloride  
Concen: 26.905 ug/l  
RT: 7.12 min Scan# 579  
Delta R.T. 0.03 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion: 117 Resp: 222456  
Ion Ratio Lower Upper  
117 100  
119 92.5 75.8 113.8  
121 28.7 25.9 38.9

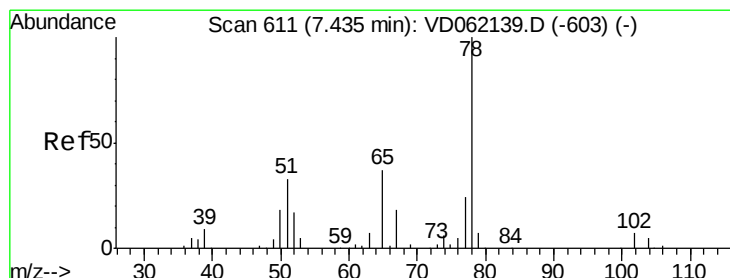
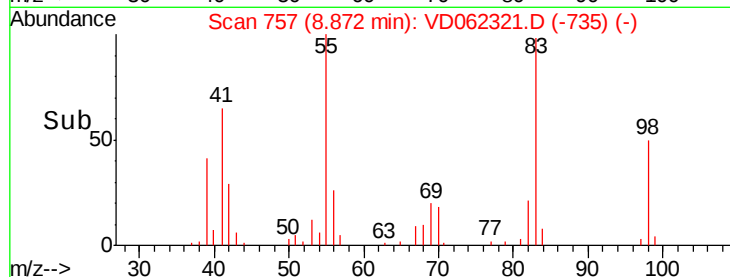
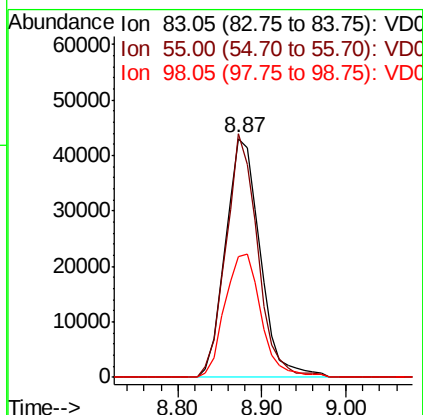
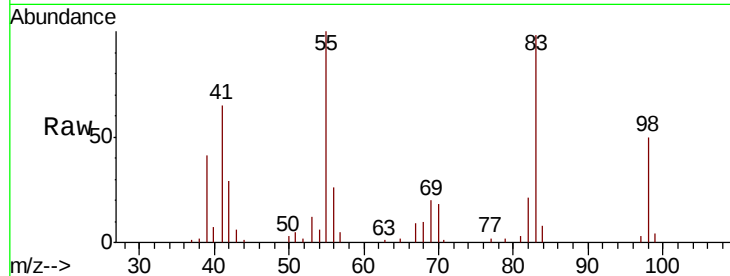




#39  
Methvlcvclohexane  
Concen: 21.497 ug/l  
RT: 8.87 min Scan# 757  
Delta R.T. 0.02 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

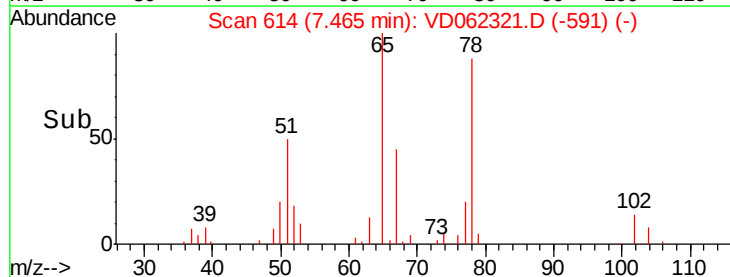
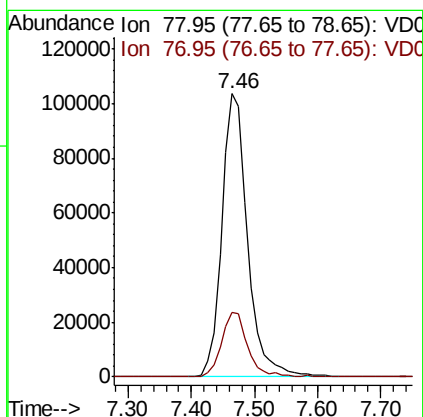
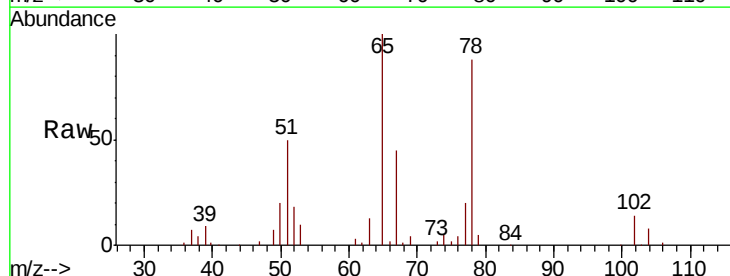
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

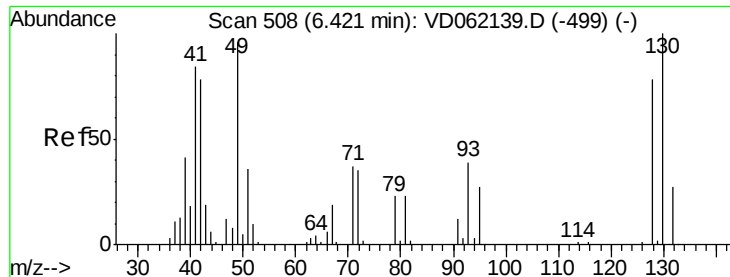
Tot Ion: 83 Resp: 123040  
Ion Ratio Lower Upper  
83 100  
55 101.9 68.2 102.4  
98 50.5 38.2 57.4



#40  
Benzene  
Concen: 21.669 ug/l  
RT: 7.46 min Scan# 614  
Delta R.T. 0.03 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion: 78 Resp: 292299  
Ion Ratio Lower Upper  
78 100  
77 22.7 19.7 29.5

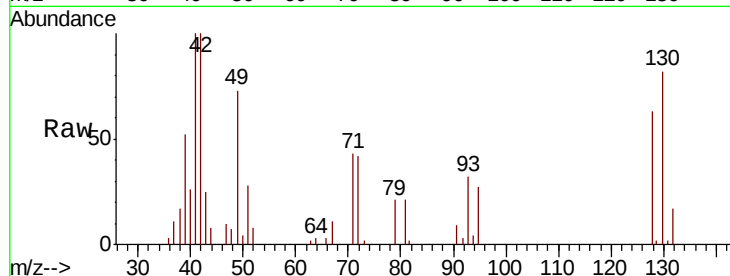




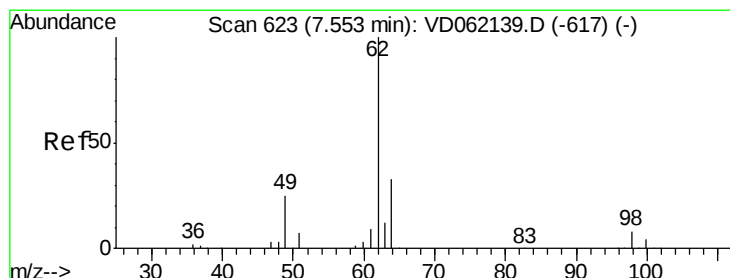
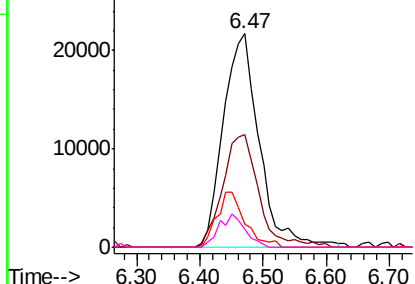
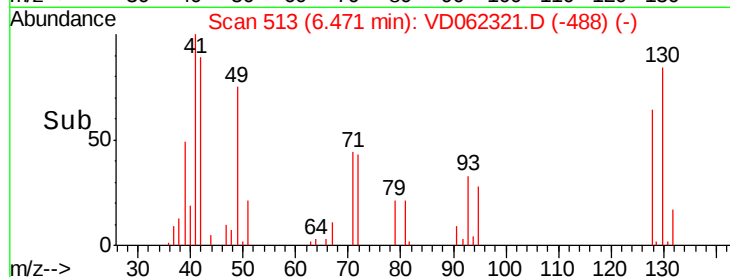
#41  
Methacrylonitrile  
Concen: 27.698 ug/l  
RT: 6.47 min Scan# 513  
Delta R.T. 0.05 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

Tot Ion: 41 Resp: 85750  
Ion Ratio Lower Upper  
41 100  
39 52.7 34.1 51.1#  
67 10.9 23.8 35.6#  
52 8.2 8.8 13.2#

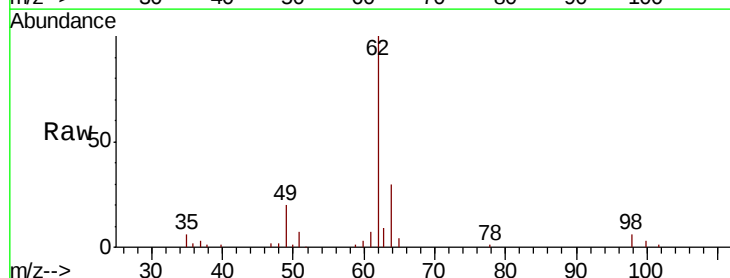


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

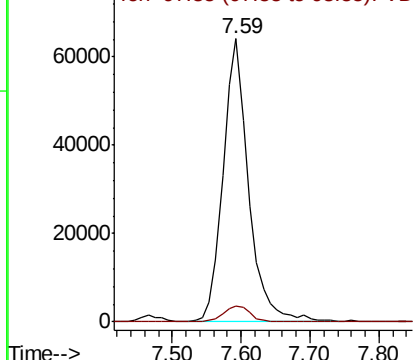
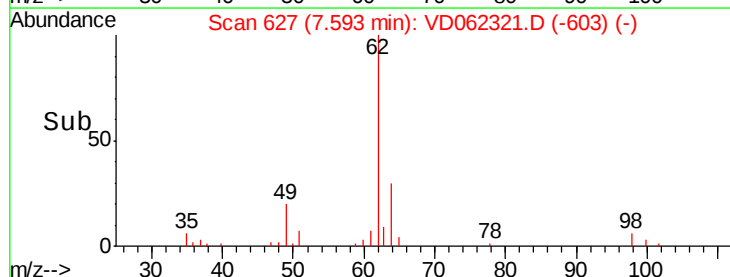


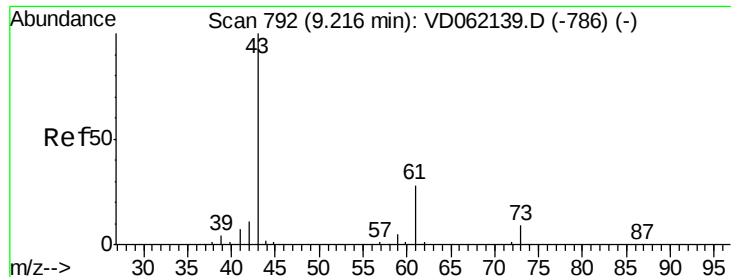
#42  
1,2-Dichloroethane  
Concen: 28.733 ug/l  
RT: 7.59 min Scan# 627  
Delta R.T. 0.04 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion: 62 Resp: 164215  
Ion Ratio Lower Upper  
62 100  
98 5.7 0.0 17.8



Abundance Ion 61.95 (61.65 to 62.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



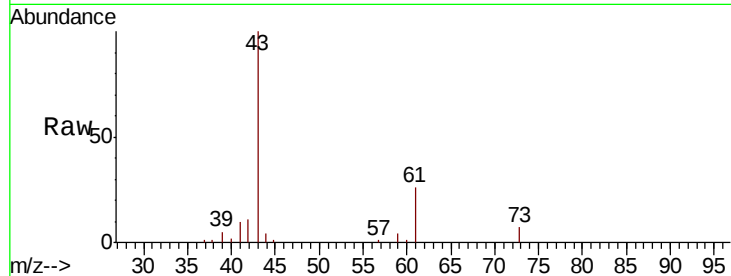


#43

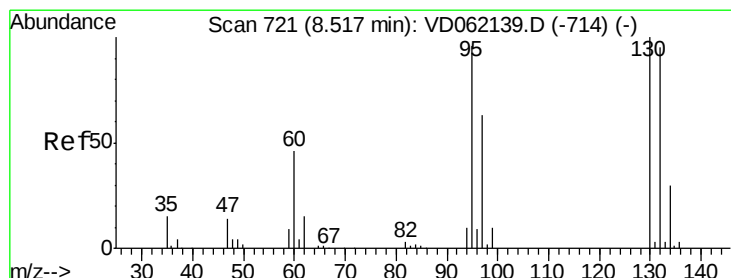
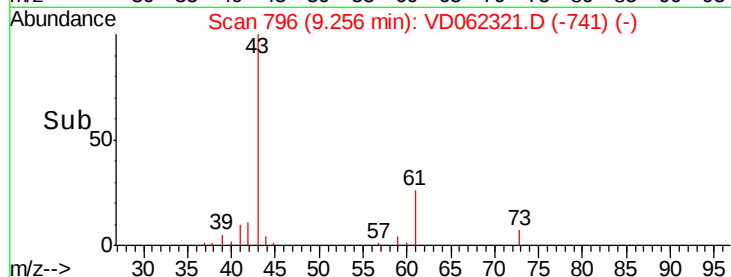
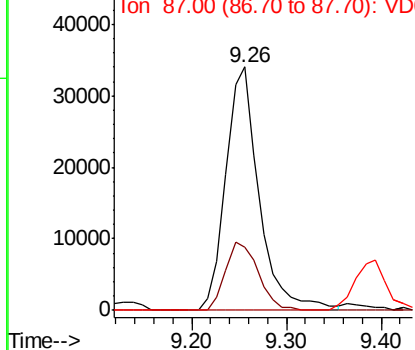
Isopropyl Acetate  
 Concen: 23.077 ug/l  
 RT: 9.26 min Scan# 796  
 Delta R.T. 0.04 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS02

Tot Ion: 43 Resp: 82913  
 Ion Ratio Lower Upper  
 43 100  
 61 26.0 25.1 37.7  
 87 0.0 0.0 0.0



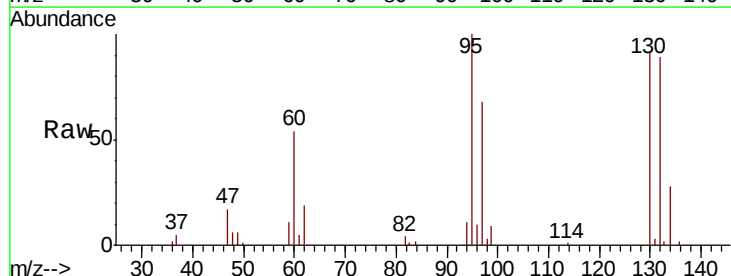
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



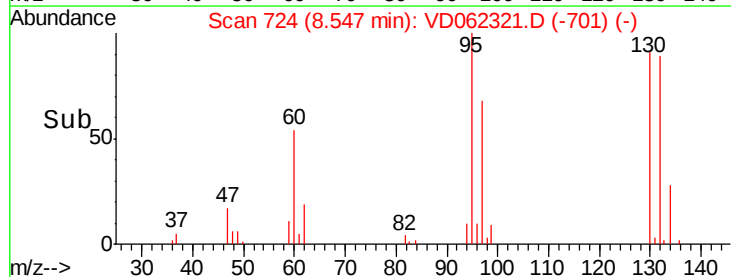
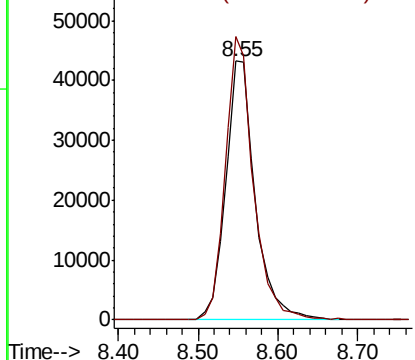
#44

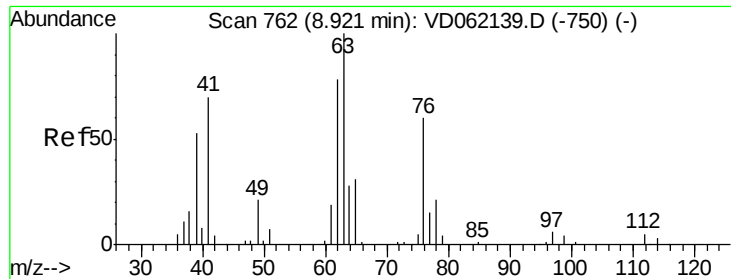
Trichloroethene  
 Concen: 21.744 ug/l  
 RT: 8.55 min Scan# 724  
 Delta R.T. 0.03 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

Tgt Ion: 130 Resp: 111771  
 Ion Ratio Lower Upper  
 130 100  
 95 109.5 0.0 174.0



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





#45

1,2-Dichloropropane

Concen: 22.963 ug/l

RT: 8.95 min Scan# 765

Delta R.T. 0.03 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

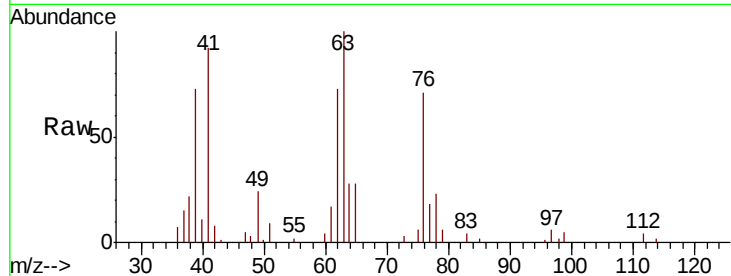
VD0513SBS02

Tot Ion: 63 Resp: 76620

Ion Ratio Lower Upper

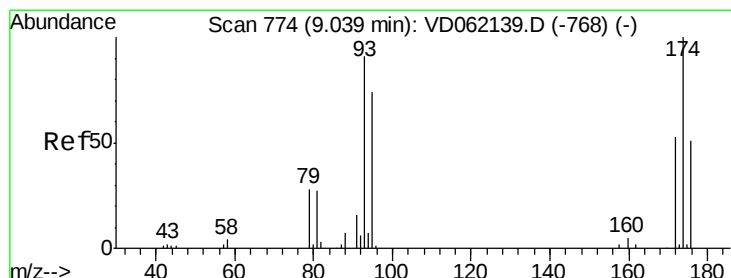
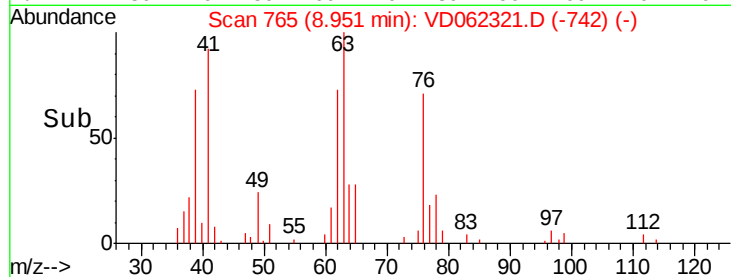
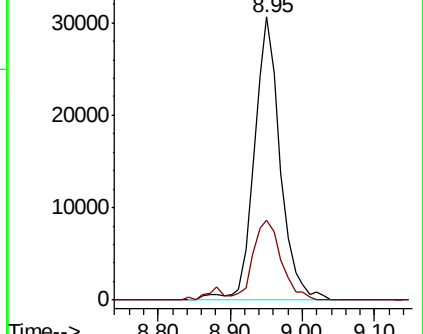
63 100

65 28.4 23.8 35.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 25.349 ug/l

RT: 9.08 min Scan# 778

Delta R.T. 0.04 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

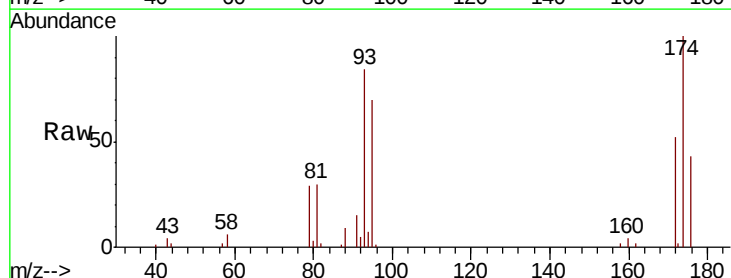
Tgt Ion: 93 Resp: 68780

Ion Ratio Lower Upper

93 100

95 83.3 64.8 97.2

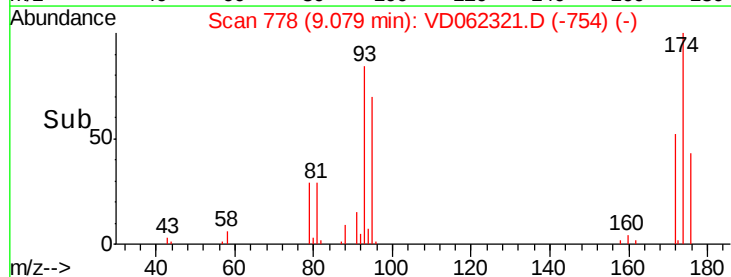
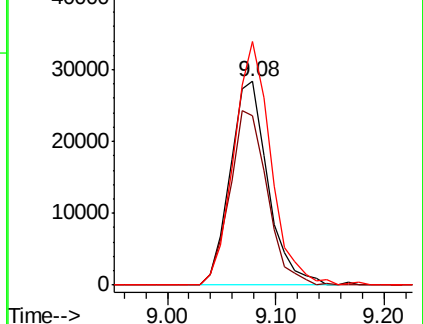
174 119.8 79.3 118.9#

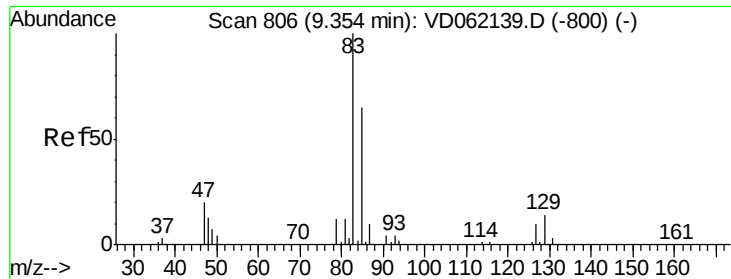


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 25.785 ug/l

RT: 9.38 min Scan# 809

Delta R.T. 0.03 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS02

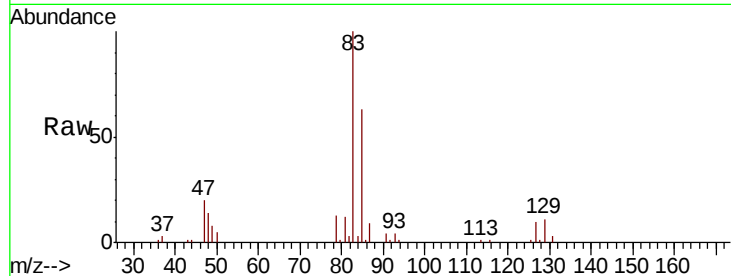
Tot Ion: 83 Resp: 171132

Ion Ratio Lower Upper

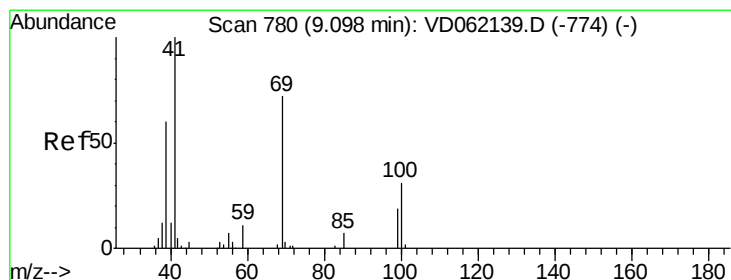
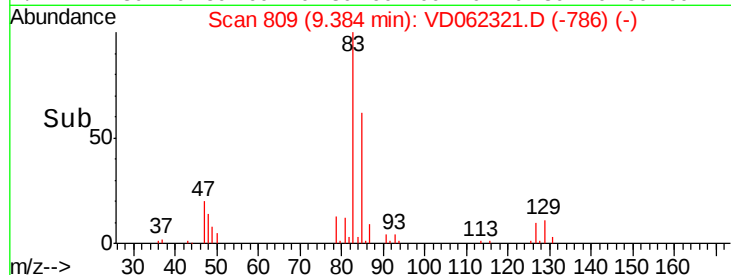
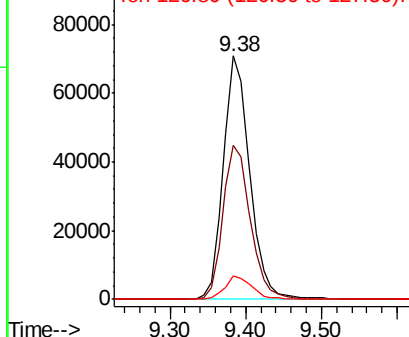
83 100

85 64.3 50.9 76.3

127 9.6 8.1 12.1



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: 25.200 ug/l

RT: 9.14 min Scan# 784

Delta R.T. 0.04 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

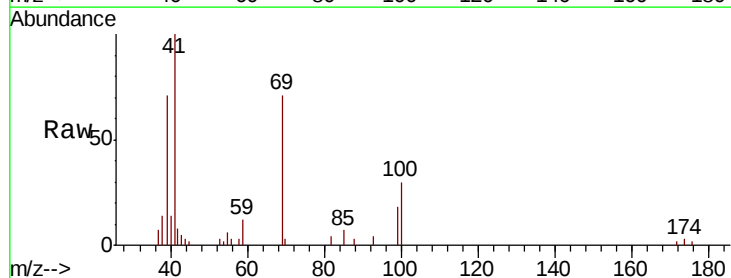
Tgt Ion: 41 Resp: 55770

Ion Ratio Lower Upper

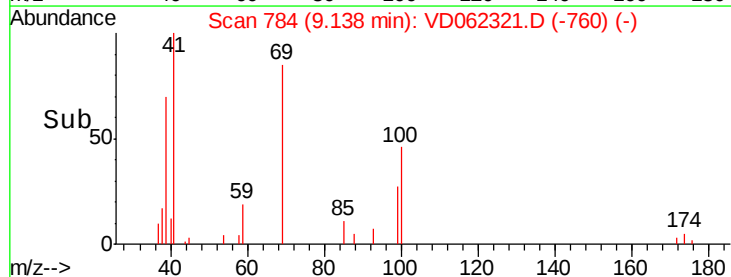
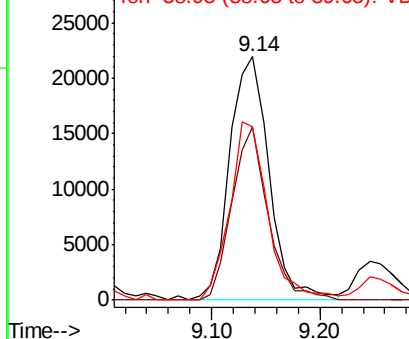
41 100

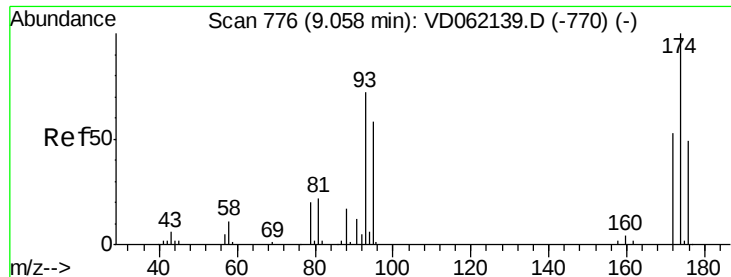
69 71.0 64.2 96.2

39 71.2 46.8 70.2#



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

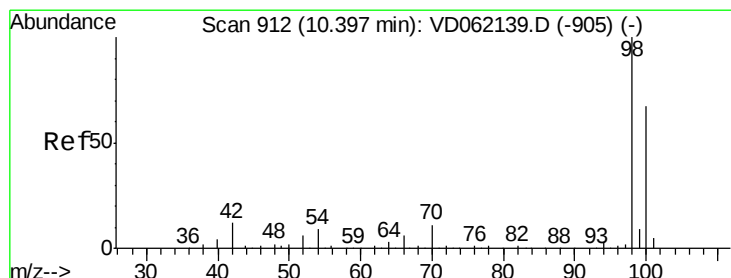
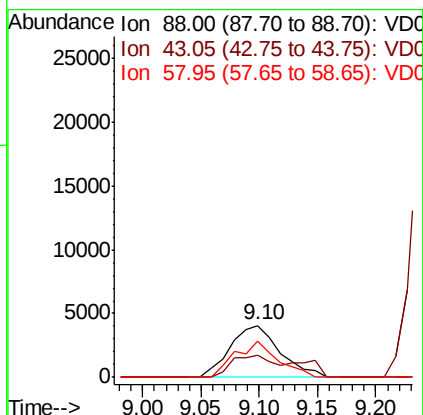
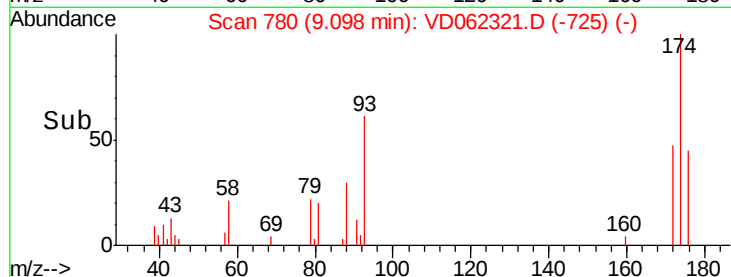
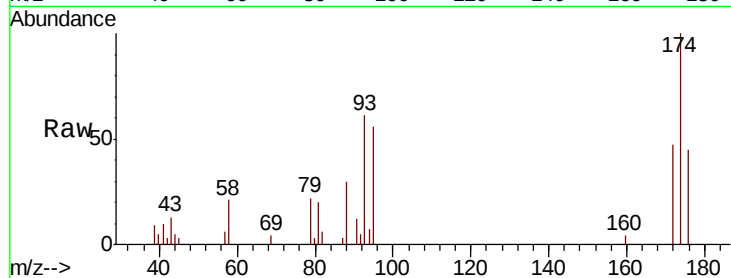




#49  
1,4-Dioxane  
Concen: 501.297 ug/l  
RT: 9.10 min Scan# 780  
Delta R.T. 0.04 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

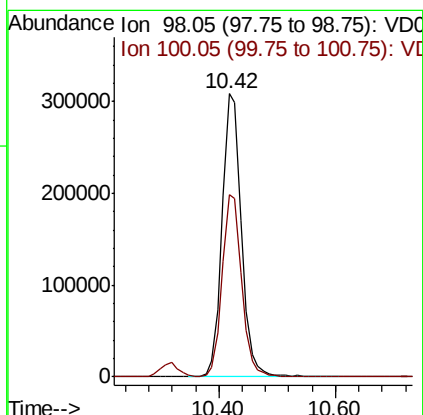
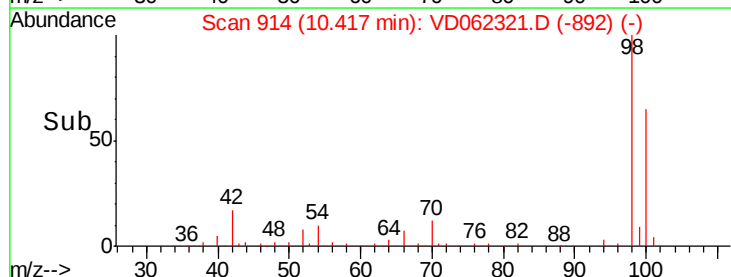
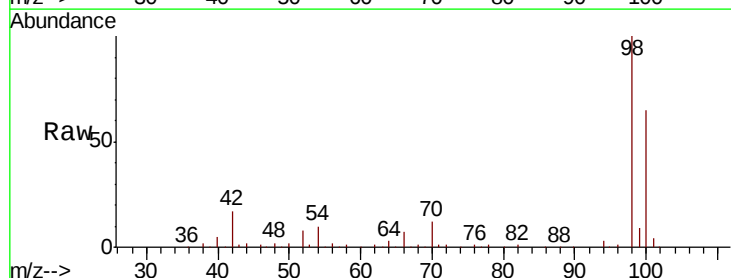
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

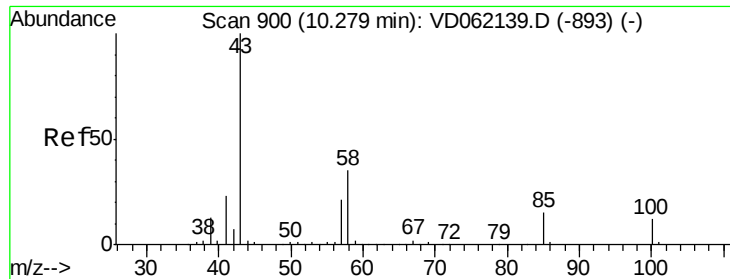
Tot Ion: 88 Resp: 11970  
Ion Ratio Lower Upper  
88 100  
43 42.9 23.4 35.0#  
58 69.1 44.0 66.0#



#50  
Toluene-d8  
Concen: 48.603 ug/l  
RT: 10.42 min Scan# 914  
Delta R.T. 0.02 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion: 98 Resp: 708400  
Ion Ratio Lower Upper  
98 100  
100 64.6 53.8 80.8





#51

4-Methyl-2-Pentanone

Concen: 131.385 ug/l

RT: 10.31 min Scan# 903

Delta R.T. 0.03 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

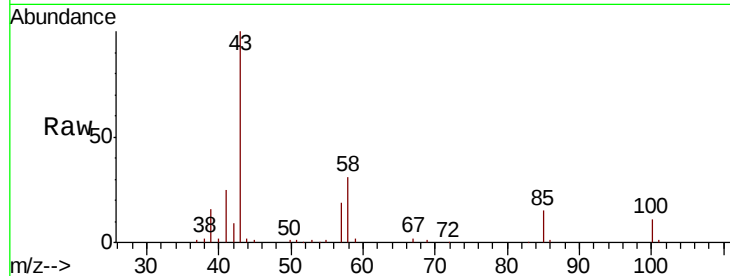
VD0513SBS02

Tot Ion: 43 Resp: 303440

Ion Ratio Lower Upper

43 100

58 31.4 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.31

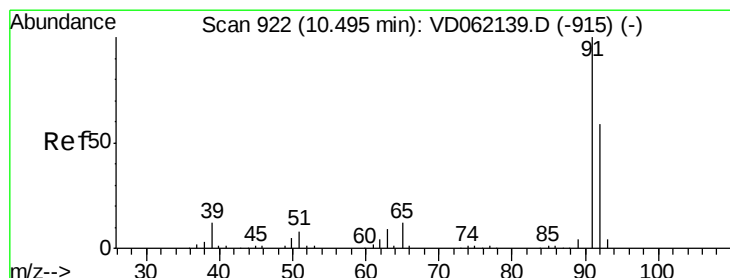
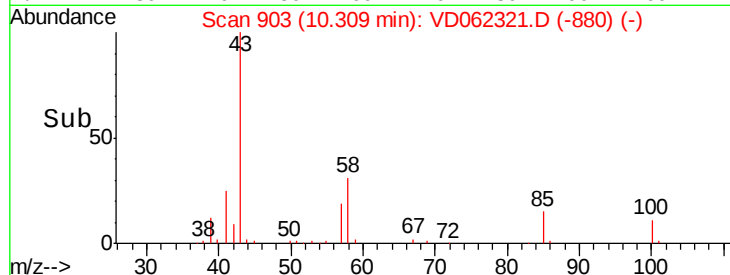
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 23.352 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.02 min

Lab File: VD062321.D

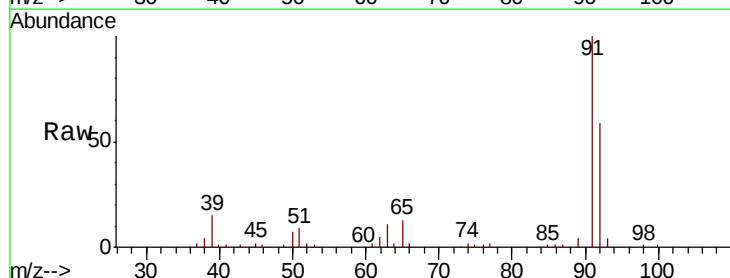
Acq: 14 May 2019 00:12

Tgt Ion: 92 Resp: 204954

Ion Ratio Lower Upper

92 100

91 169.1 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.52

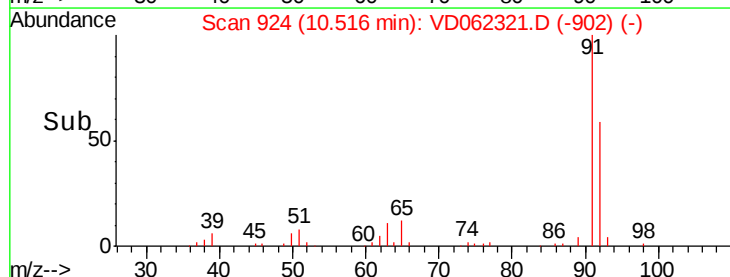
150000

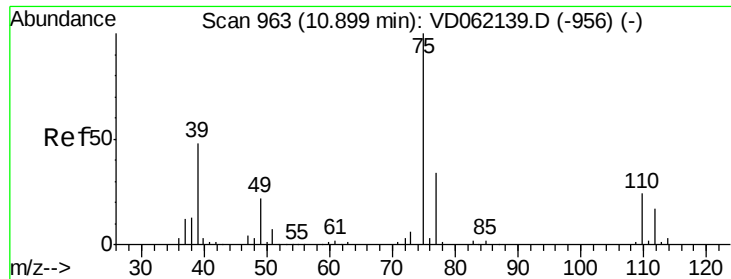
100000

50000

0

Time-->

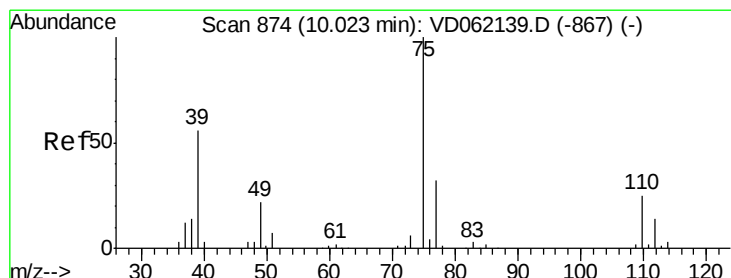
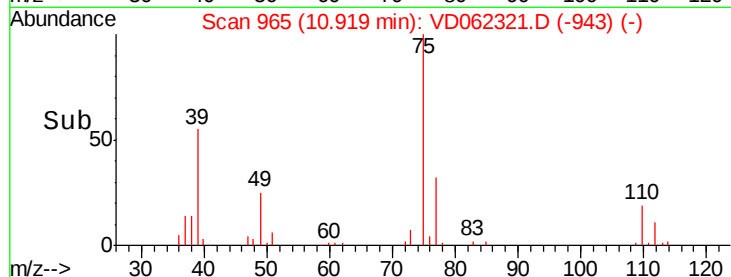
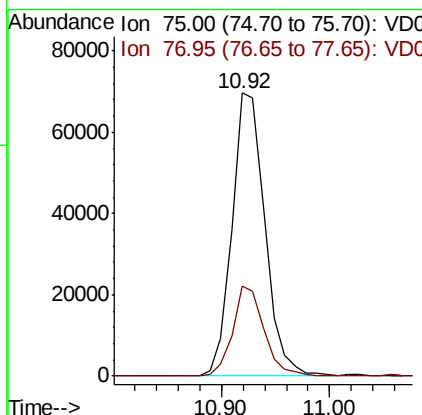
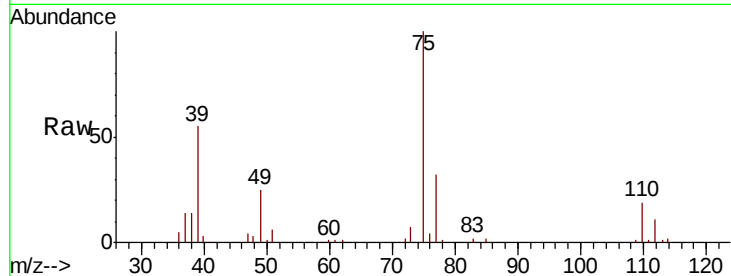




#53  
t-1,3-Dichloropropene  
Concen: 25.654 ug/l  
RT: 10.92 min Scan# 965  
Delta R.T. 0.02 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

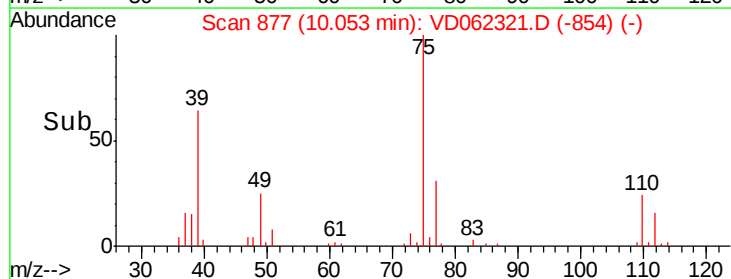
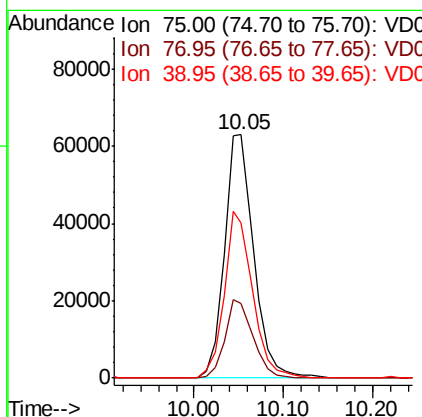
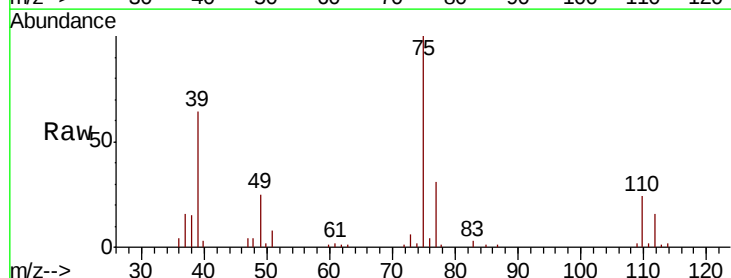
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

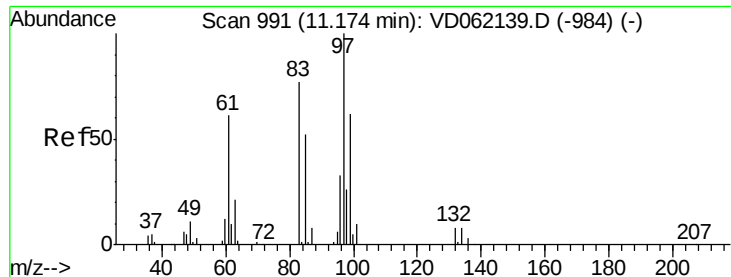
Tot Ion: 75 Resp: 147150  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.8 38.8



#54  
cis-1,3-Dichloropropene  
Concen: 23.220 ug/l  
RT: 10.05 min Scan# 877  
Delta R.T. 0.03 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion: 75 Resp: 145303  
Ion Ratio Lower Upper  
75 100  
77 30.6 25.5 38.3  
39 63.7 39.4 59.2#

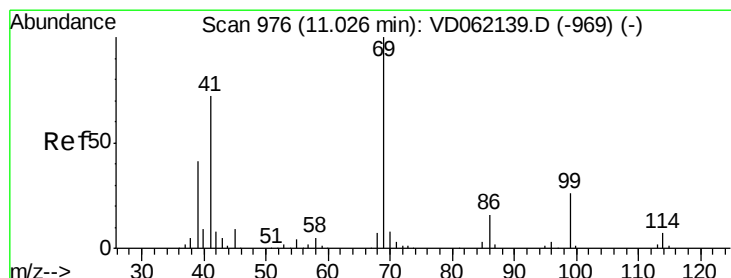
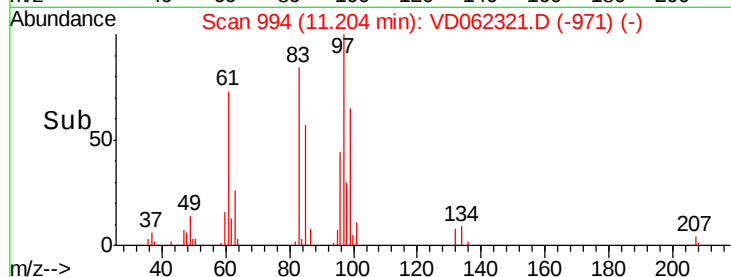
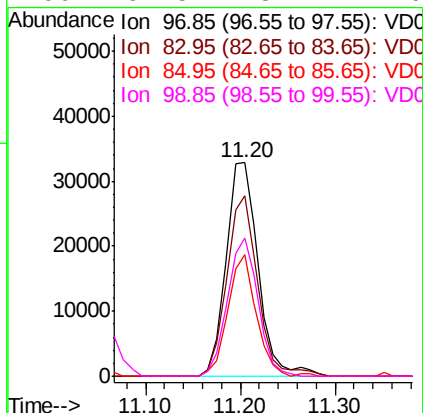
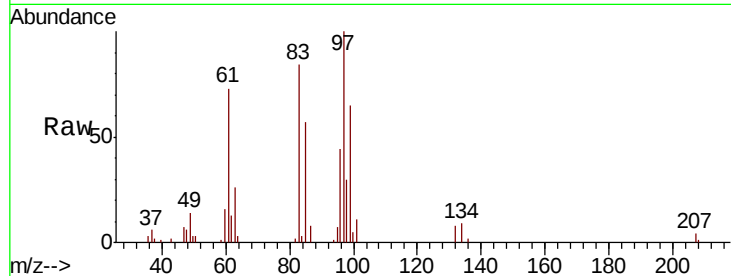




#55  
 1,1,2-Trichloroethane  
 Concen: 24.826 ug/l  
 RT: 11.20 min Scan# 994  
 Delta R.T. 0.03 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

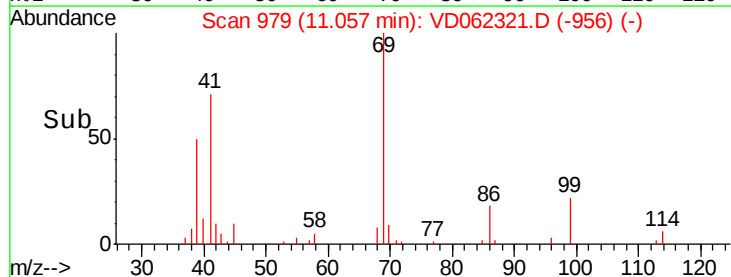
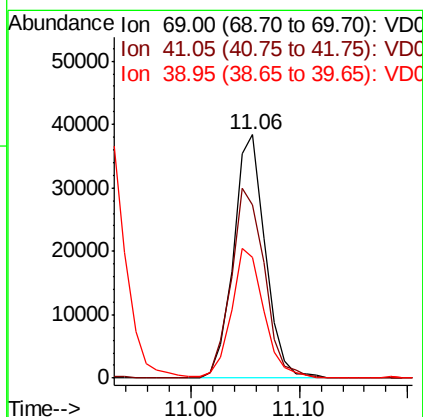
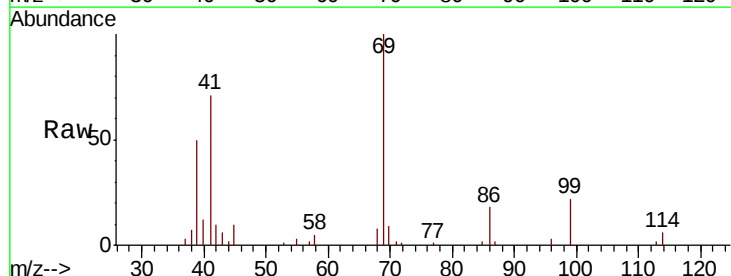
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS02

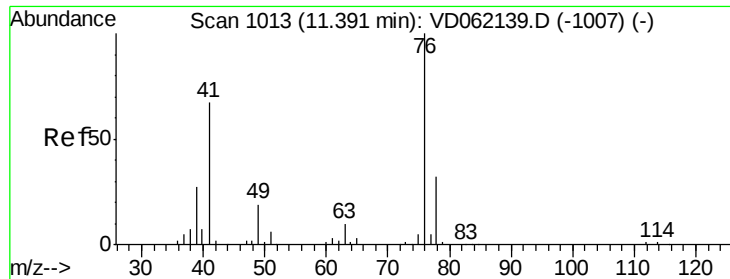
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 77095 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.3  | 65.7  | 98.5  |
| 85       | 57.0  | 45.6  | 68.4  |
| 99       | 64.5  | 48.4  | 72.6  |



#56  
 Ethyl methacrylate  
 Concen: 24.187 ug/l  
 RT: 11.06 min Scan# 979  
 Delta R.T. 0.03 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 78052 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 71.2  | 56.3  | 84.5  |
| 39       | 49.8  | 29.4  | 44.2# |

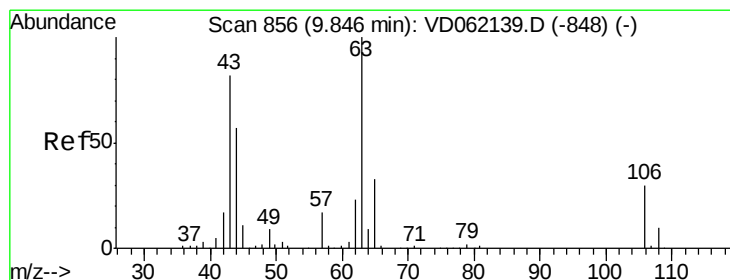
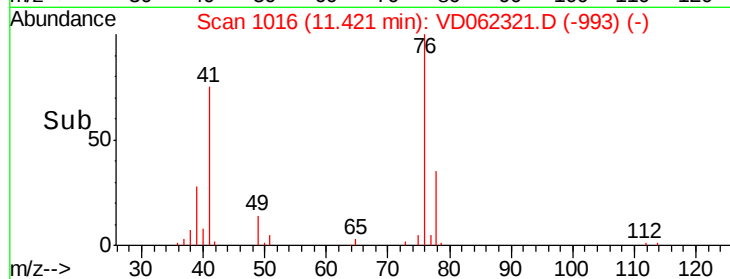
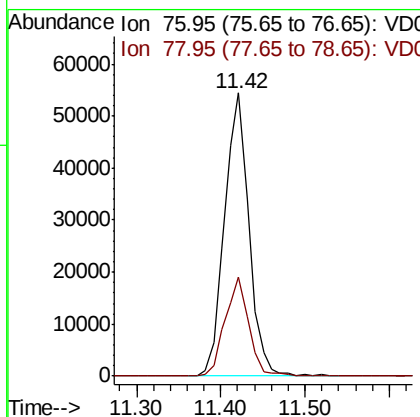
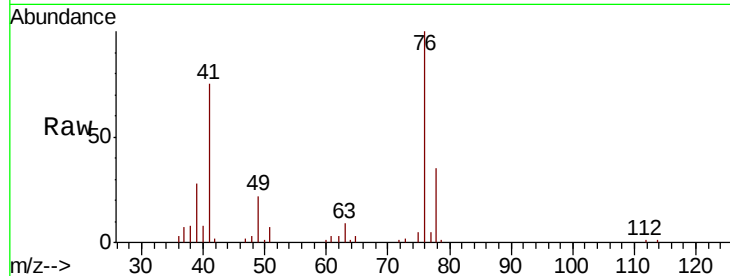




#57  
 1,3-Dichloropropane  
 Concen: 23.266 ug/l  
 RT: 11.42 min Scan# 1016  
 Delta R.T. 0.03 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

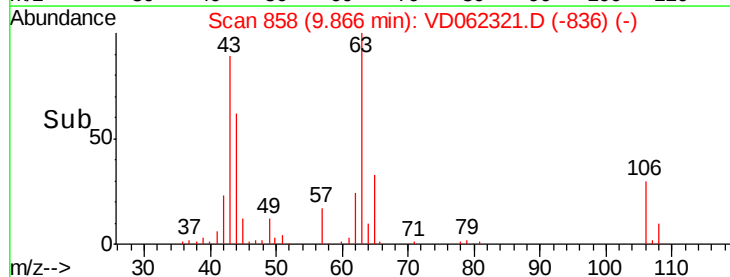
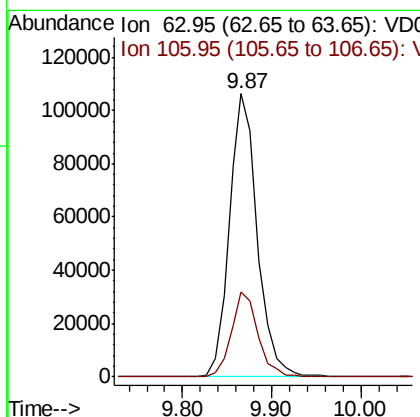
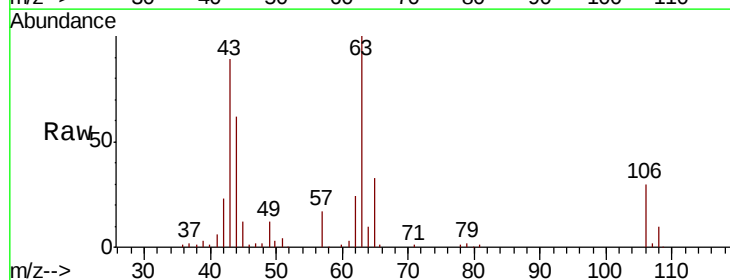
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS02

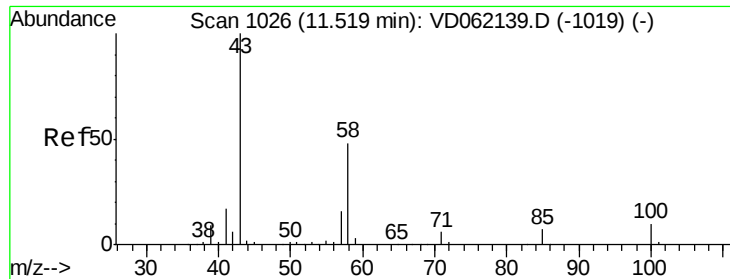
Tot Ion: 76 Resp: 109151  
 Ion Ratio Lower Upper  
 76 100  
 78 35.1 26.2 39.2



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 132.092 ug/l  
 RT: 9.87 min Scan# 858  
 Delta R.T. 0.02 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

Tgt Ion: 63 Resp: 232837  
 Ion Ratio Lower Upper  
 63 100  
 106 30.0 22.6 34.0

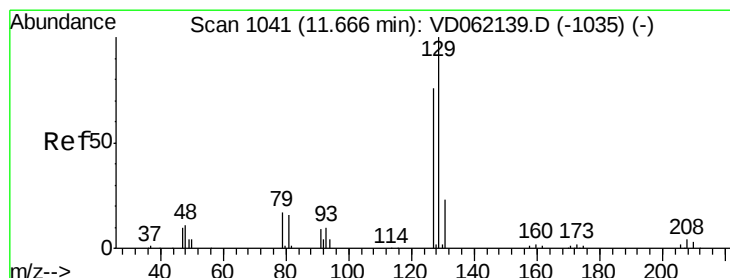
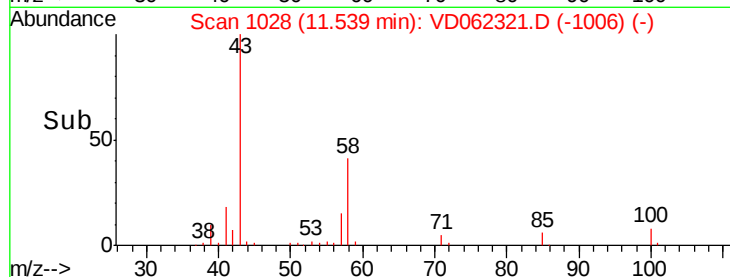
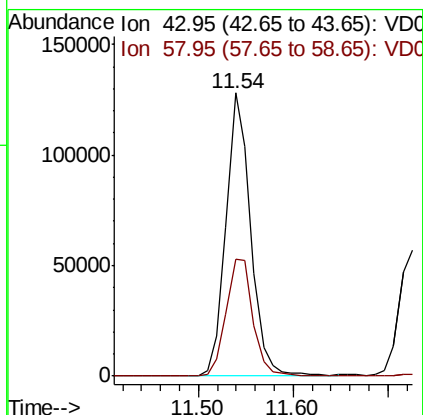
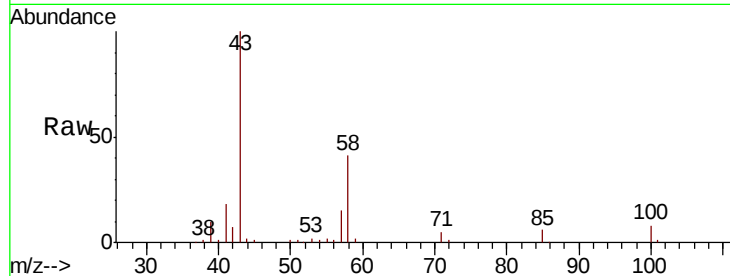




#59  
2-Hexanone  
Concen: 136.072 ug/l  
RT: 11.54 min Scan# 1028  
Delta R.T. 0.02 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

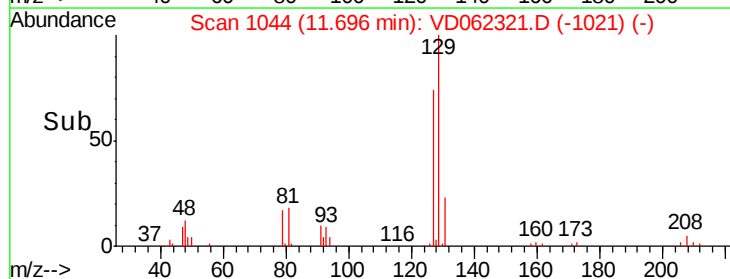
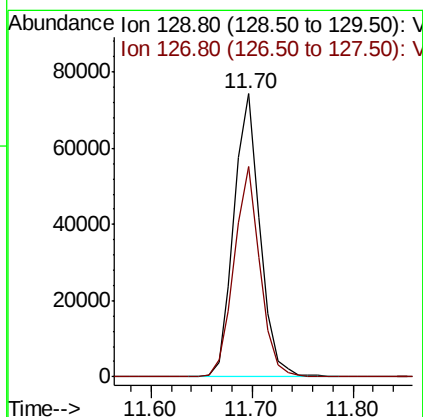
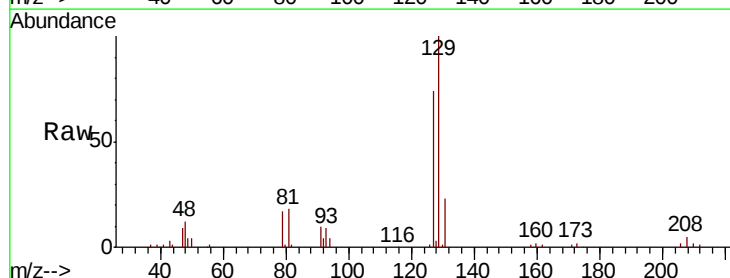
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

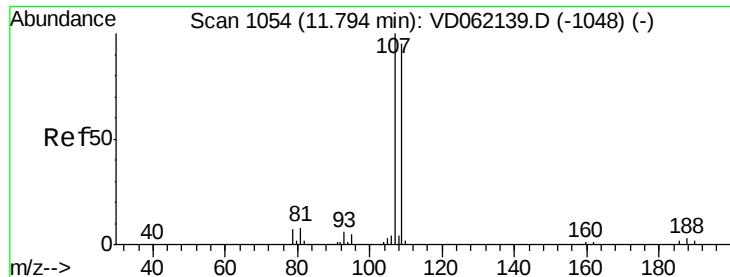
Tot Ion: 43 Resp: 231624  
Ion Ratio Lower Upper  
43 100  
58 41.4 25.4 76.4



#60  
Dibromochloromethane  
Concen: 24.838 ug/l  
RT: 11.70 min Scan# 1044  
Delta R.T. 0.03 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion: 129 Resp: 133301  
Ion Ratio Lower Upper  
129 100  
127 74.5 38.0 113.9





#61

1,2-Dibromoethane

Concen: 23.787 ug/l

RT: 11.81 min Scan# 1056

Delta R.T. 0.02 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

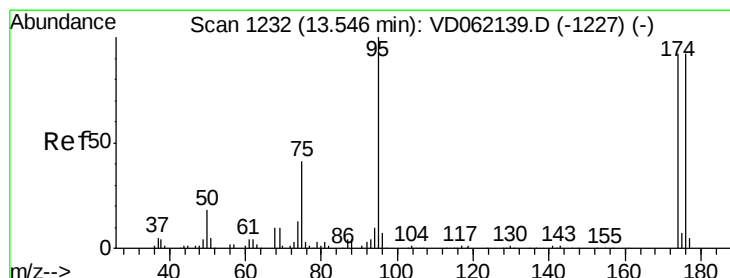
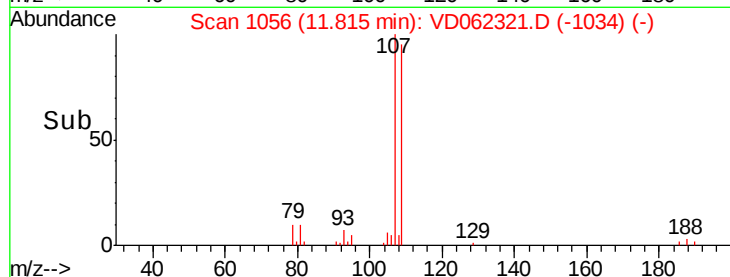
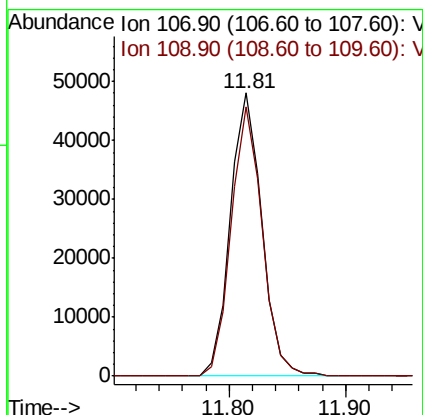
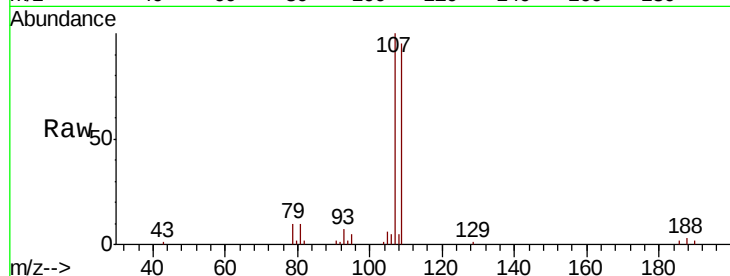
VD0513SBS02

Tot Ion:107 Resp: 89806

Ion Ratio Lower Upper

107 100

109 95.3 78.3 117.5



#62

4-Bromofluorobenzene

Concen: 58.117 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

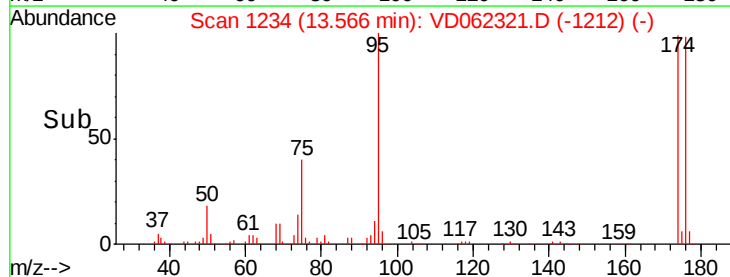
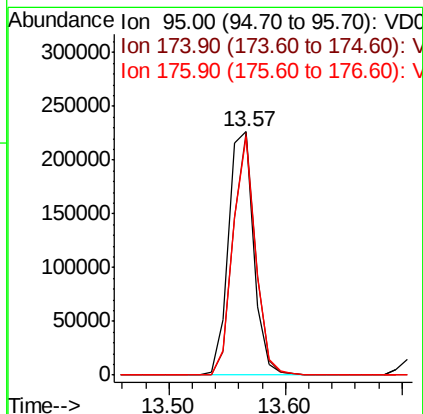
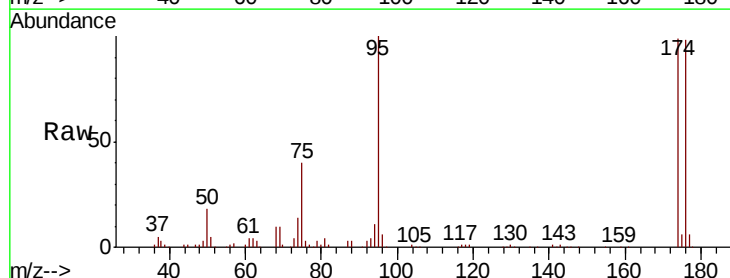
Tgt Ion: 95 Resp: 340155

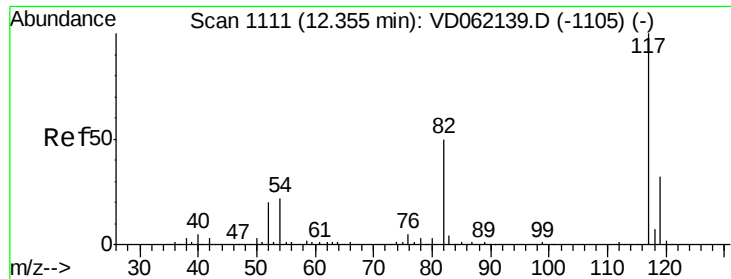
Ion Ratio Lower Upper

95 100

174 99.5 0.0 181.8

176 98.1 0.0 174.4

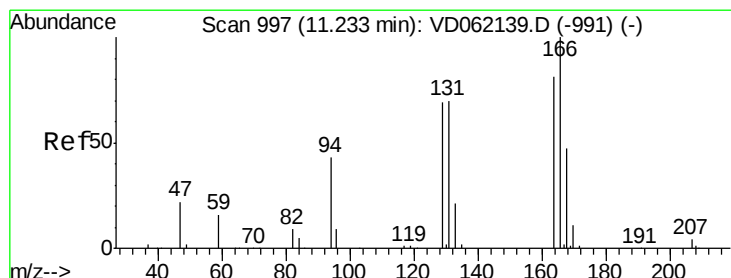
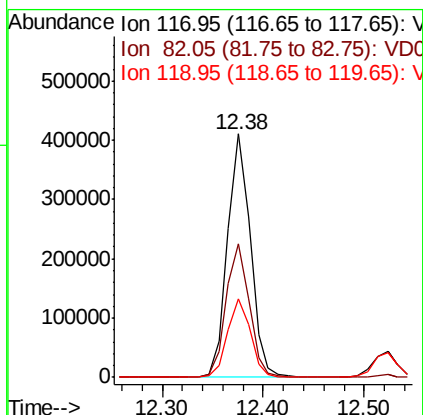
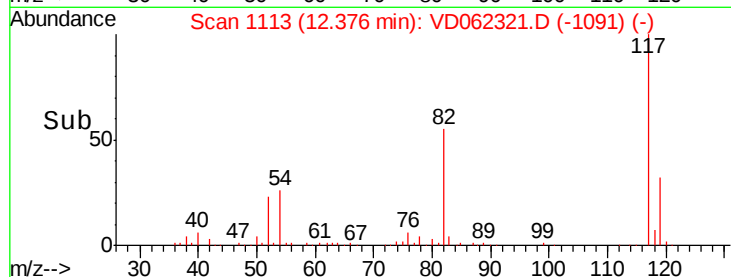
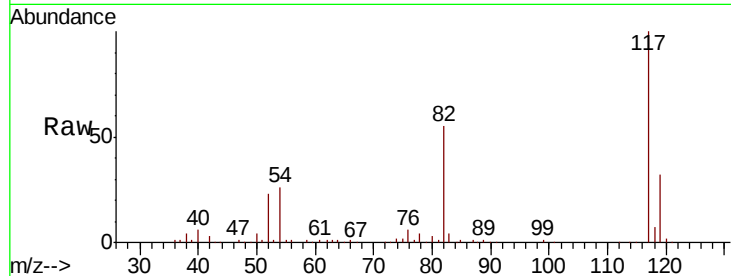




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.38 min Scan# 1113  
Delta R.T. 0.02 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

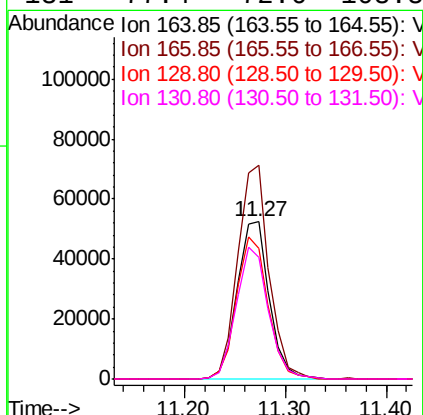
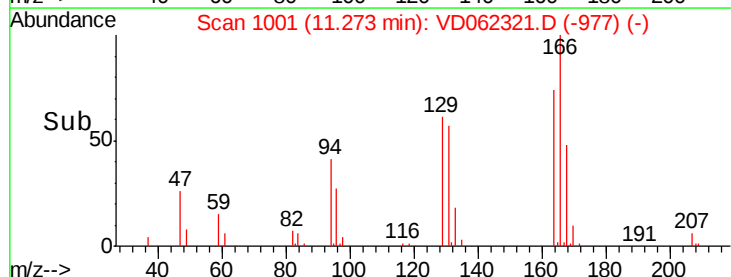
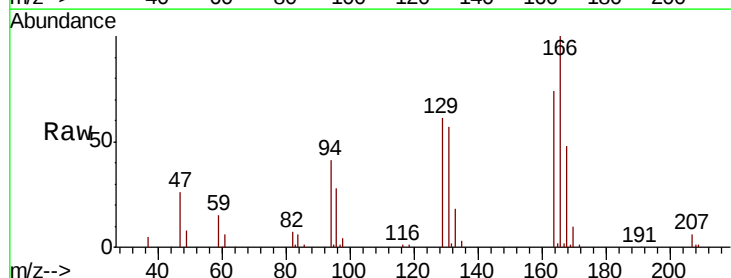
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

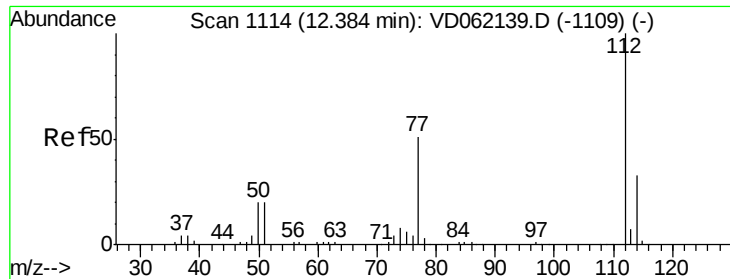
Tot Ion:117 Resp: 649361  
Ion Ratio Lower Upper  
117 100  
82 54.9 36.2 54.2#  
119 32.2 26.2 39.4



#64  
Tetrachloroethene  
Concen: 22.922 ug/l  
RT: 11.27 min Scan# 1001  
Delta R.T. 0.04 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion:164 Resp: 116390  
Ion Ratio Lower Upper  
164 100  
166 135.9 101.5 152.3  
129 82.7 74.6 112.0  
131 77.4 72.6 108.8

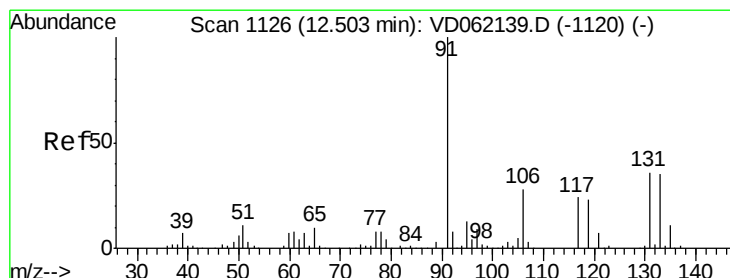
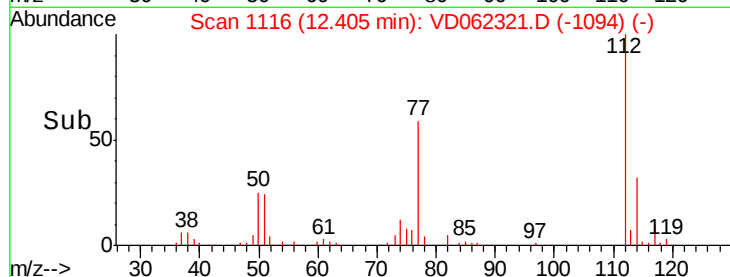
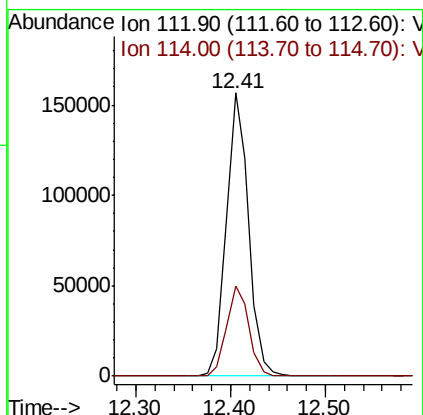
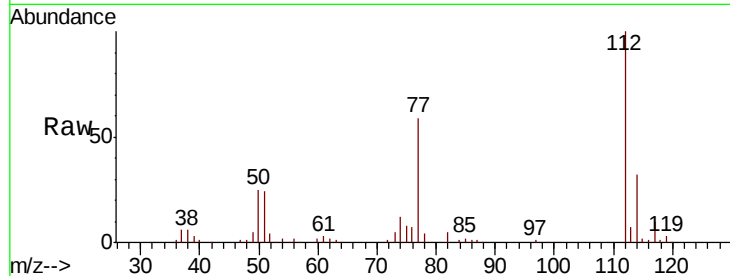




#65  
Chlorobenzene  
Concen: 20.824 ug/l  
RT: 12.41 min Scan# 1116  
Delta R.T. 0.02 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

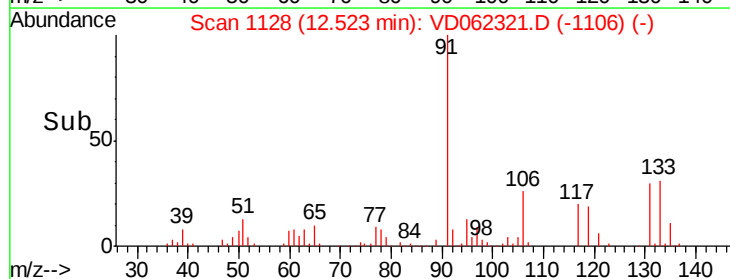
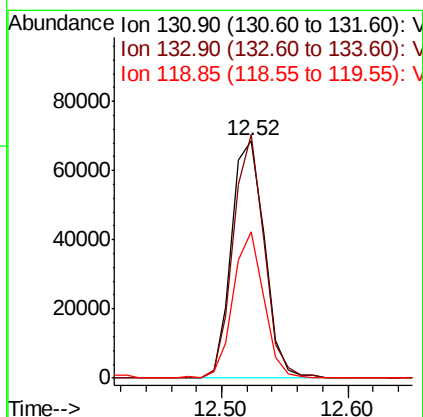
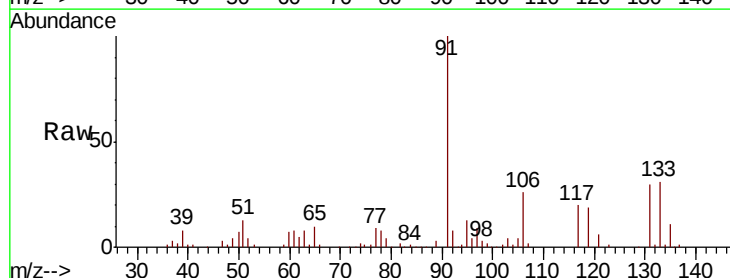
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

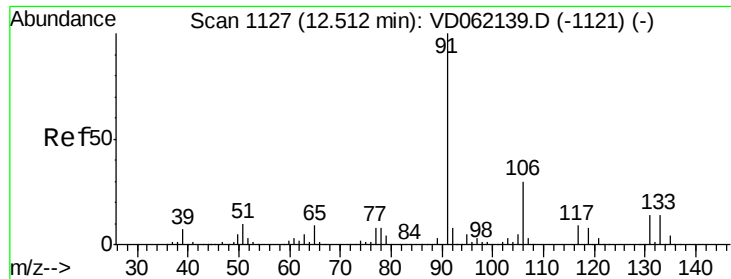
Tot Ion:112 Resp: 251856  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.625 ug/l  
RT: 12.52 min Scan# 1128  
Delta R.T. 0.02 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion:131 Resp: 124356  
Ion Ratio Lower Upper  
131 100  
133 102.6 48.6 145.8  
119 61.6 34.7 104.1

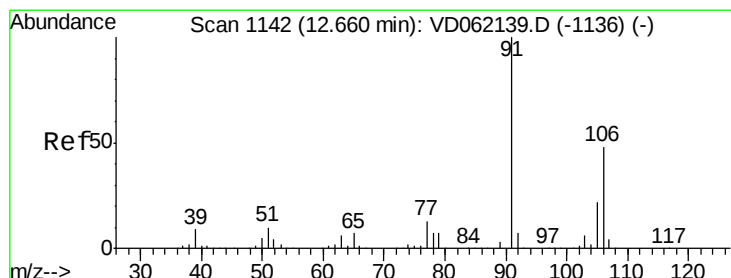
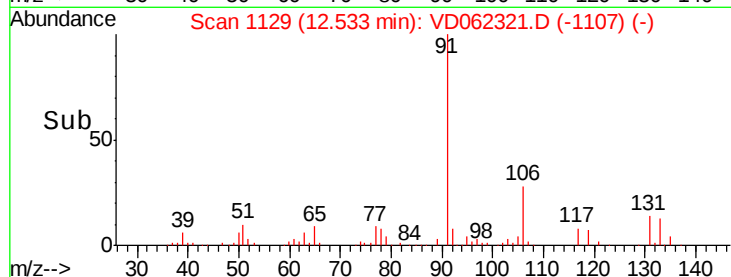
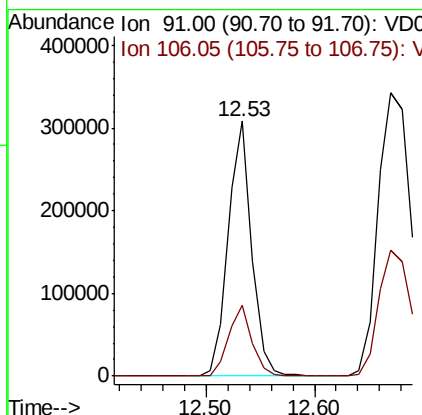
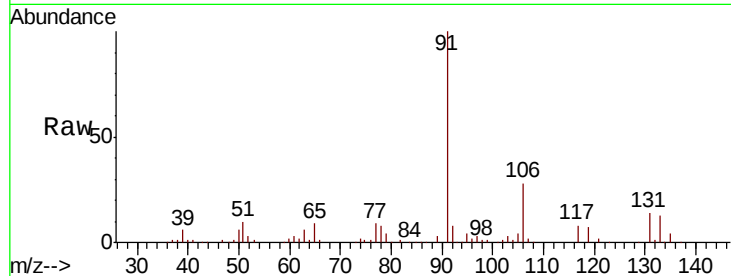




#67  
Ethyl Benzene  
Concen: 22.986 ug/l  
RT: 12.53 min Scan# 1129  
Delta R.T. 0.02 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

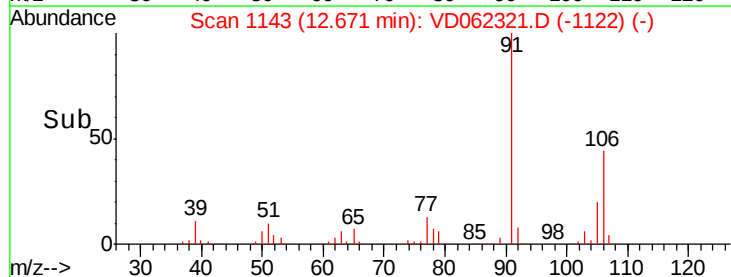
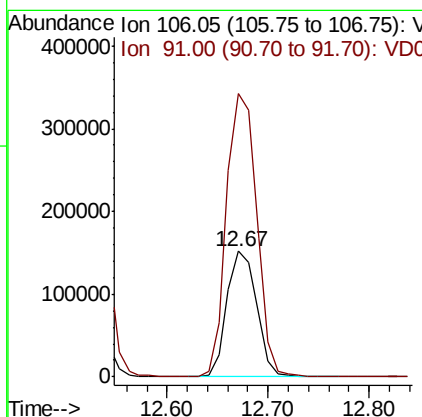
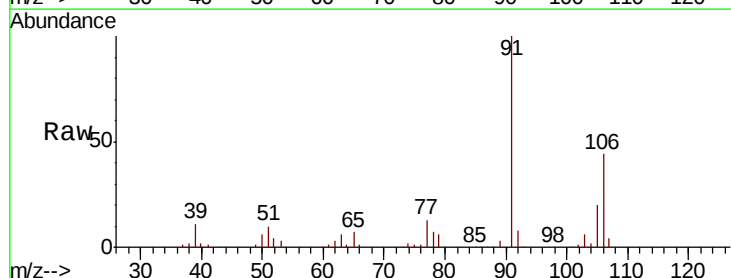
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

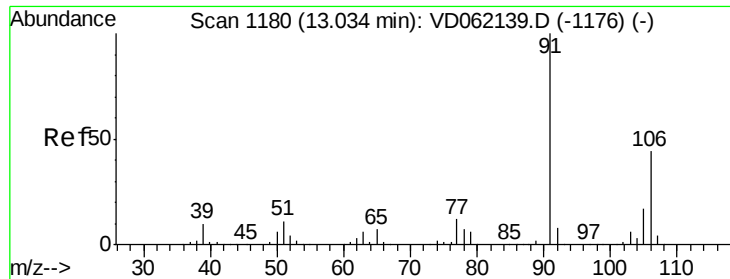
Tot Ion: 91 Resp: 465412  
Ion Ratio Lower Upper  
91 100  
106 27.9 24.7 37.1



#68  
m/p-Xylenes  
Concen: 42.135 ug/l  
RT: 12.67 min Scan# 1143  
Delta R.T. 0.01 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion: 106 Resp: 310400  
Ion Ratio Lower Upper  
106 100  
91 225.1 164.0 246.0

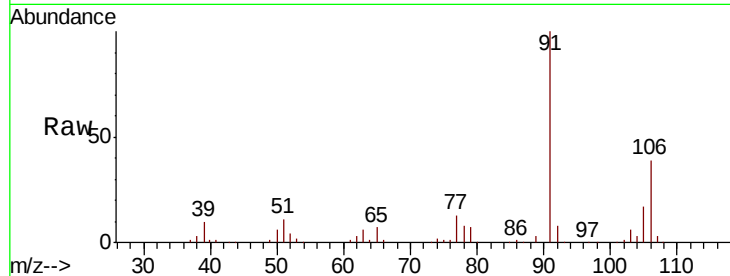




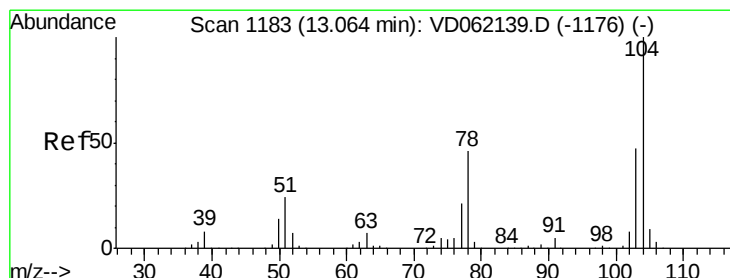
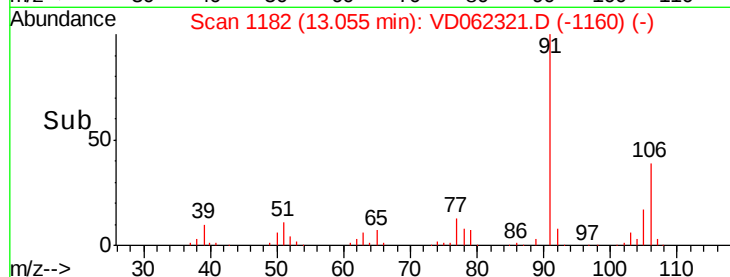
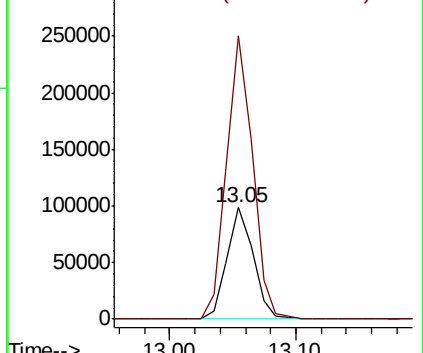
#69  
o-Xylene  
Concen: 20.883 ug/l  
RT: 13.05 min Scan# 1182  
Delta R.T. 0.02 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Instrument :  
MSVOA\_D  
ClientSampleID :  
VD0513SBS02

Tot Ion:106 Resp: 143021  
Ion Ratio Lower Upper  
106 100  
91 253.9 106.7 319.9

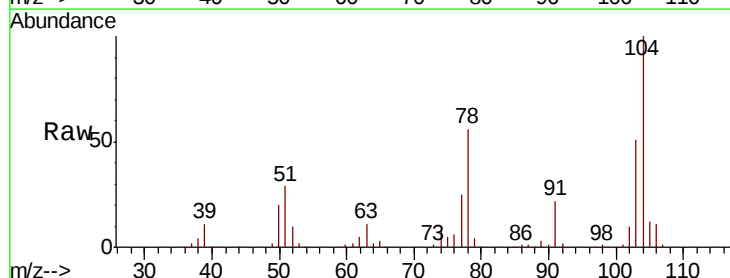


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

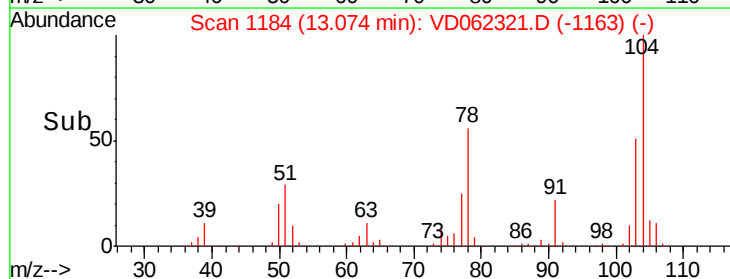
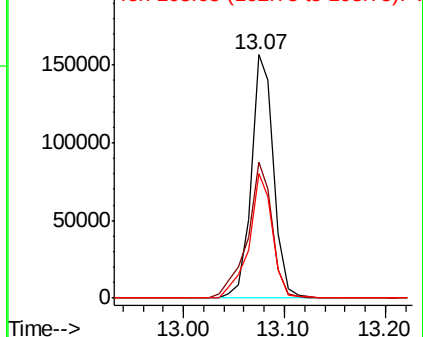


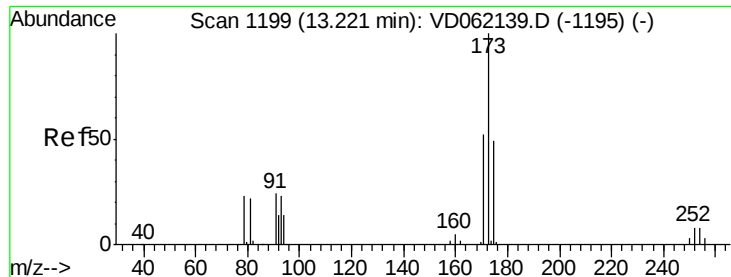
#70  
Styrene  
Concen: 20.962 ug/l  
RT: 13.07 min Scan# 1184  
Delta R.T. 0.01 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion:104 Resp: 243194  
Ion Ratio Lower Upper  
104 100  
78 55.9 35.4 53.2#  
103 51.3 37.5 56.3



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





#71

Bromoform

Concen: 23.950 ug/l

RT: 13.24 min Scan# 1201

Delta R.T. 0.02 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS02

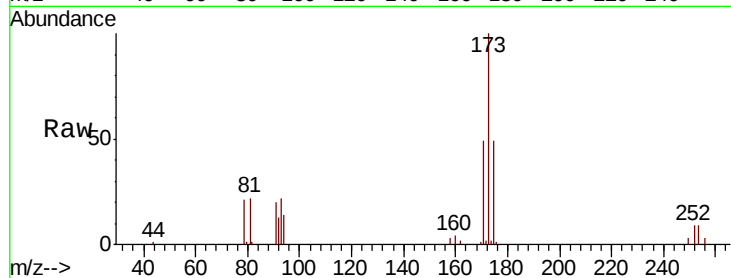
Tot Ion:173 Resp: 87709

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.4

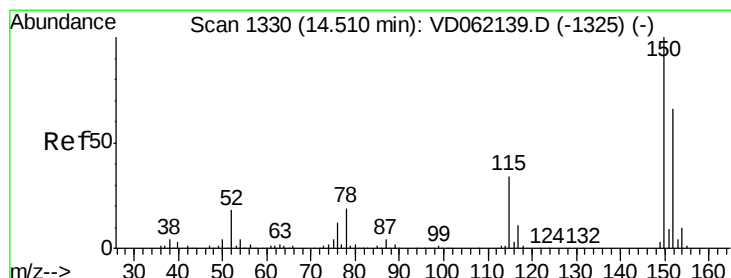
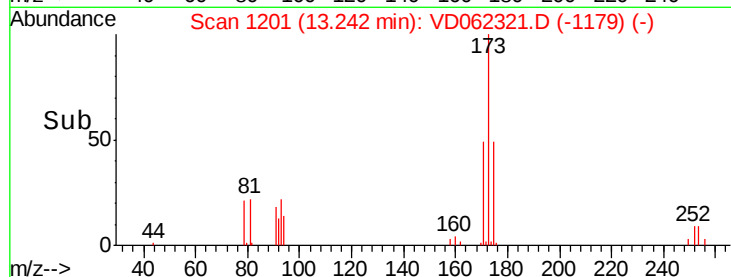
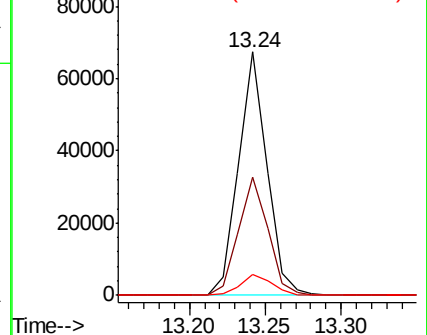
254 8.6 5.4 8.2#



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# 1331

Delta R.T. 0.01 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

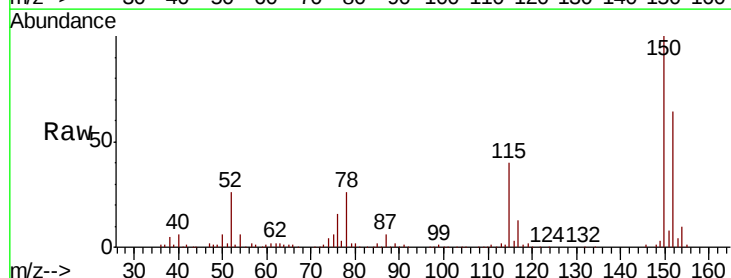
Tgt Ion:152 Resp: 345949

Ion Ratio Lower Upper

152 100

115 63.0 30.9 92.7

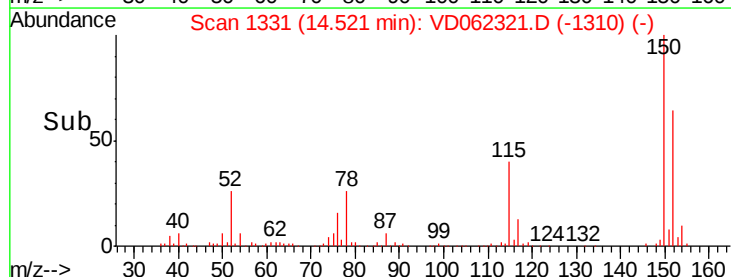
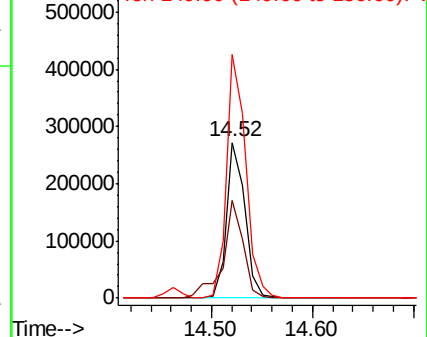
150 156.4 0.0 314.8

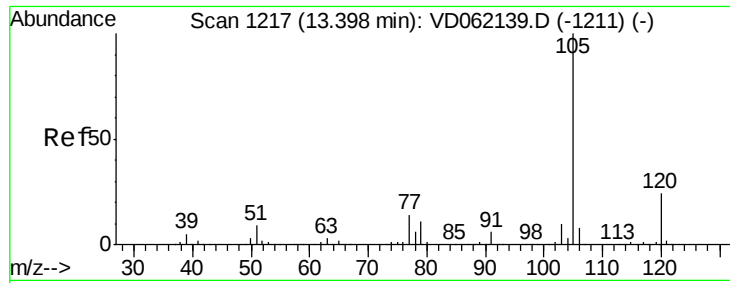


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.526 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

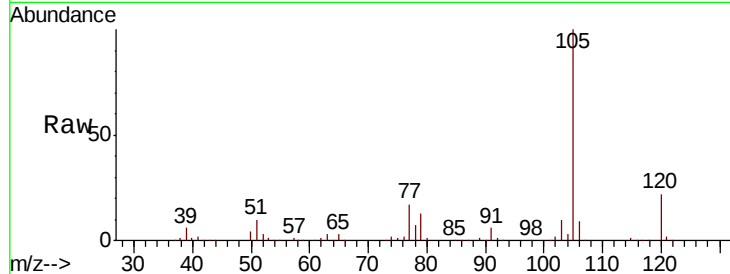
VD0513SBS02

Tot Ion:105 Resp: 467126

Ion Ratio Lower Upper

105 100

120 21.6 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.41

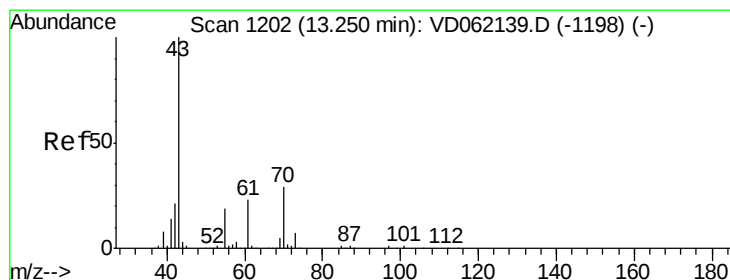
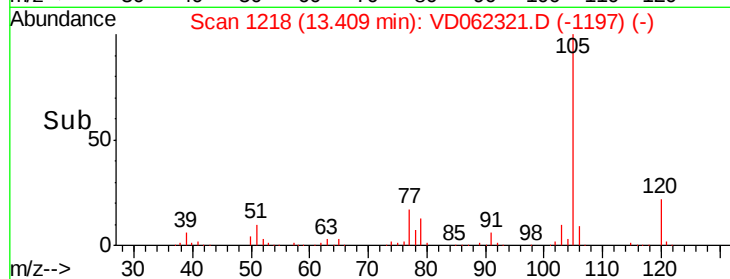
300000

200000

100000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 22.065 ug/l

RT: 13.27 min Scan# 1204

Delta R.T. 0.02 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Tgt Ion: 43 Resp: 119966

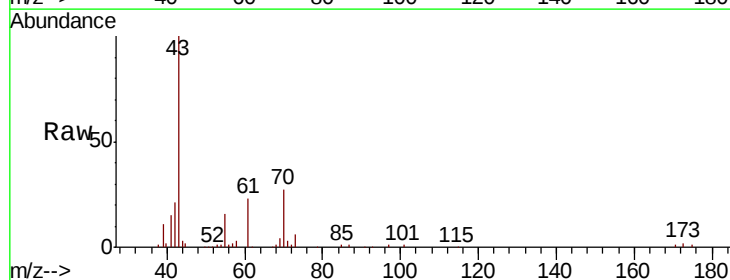
Ion Ratio Lower Upper

43 100

70 27.4 24.2 36.4

55 16.1 16.0 24.0

61 22.5 21.6 32.4



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

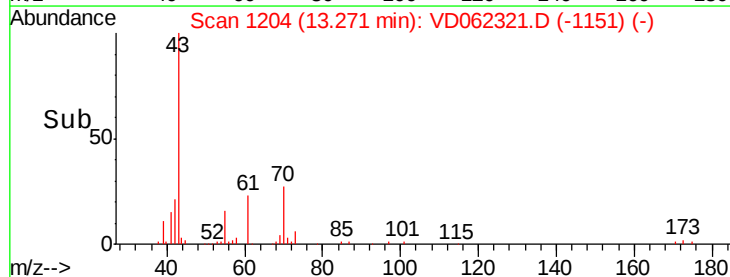
13.27

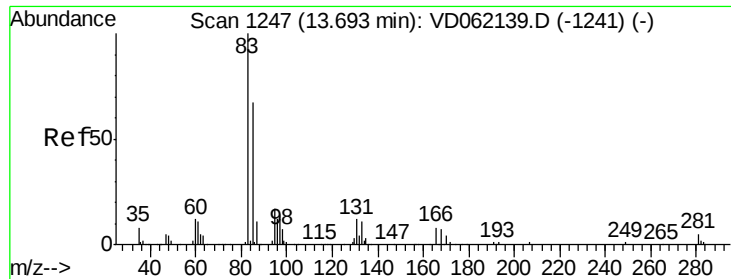
100000

50000

0

Time--> 13.20 13.25 13.30 13.35





#75

1,1,2,2-Tetrachloroethane

Concen: 22.658 ug/l

RT: 13.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS02

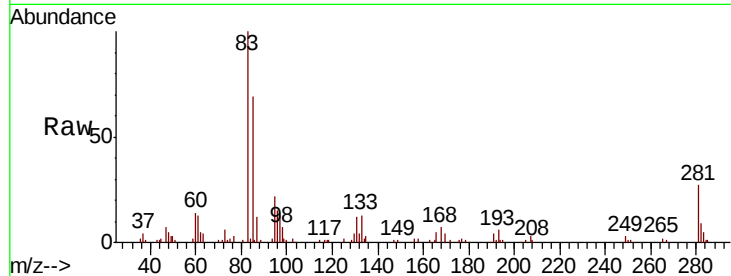
Tot Ion: 83 Resp: 88953

Ion Ratio Lower Upper

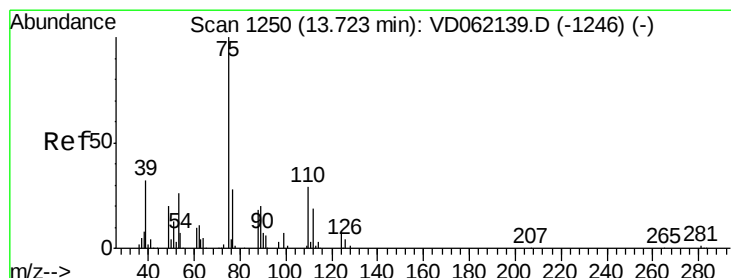
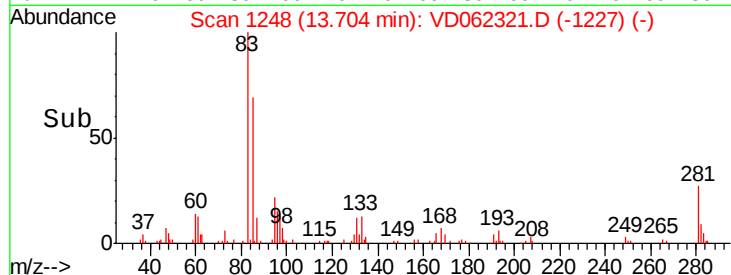
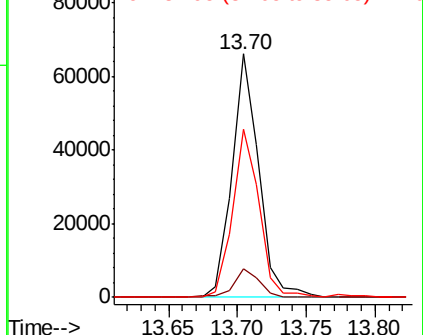
83 100

131 11.9 5.0 14.9

85 68.8 32.6 97.7



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: 23.597 ug/l

RT: 13.73 min Scan# 1251

Delta R.T. 0.01 min

Lab File: VD062321.D

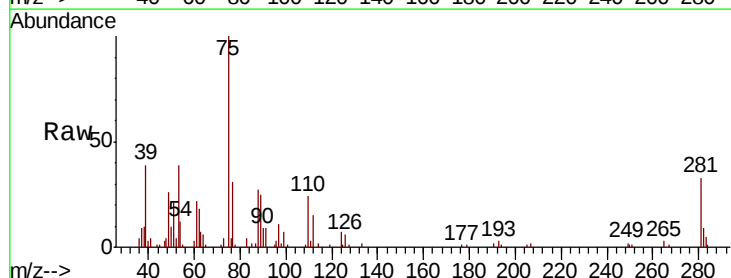
Acq: 14 May 2019 00:12

Tgt Ion: 75 Resp: 97017

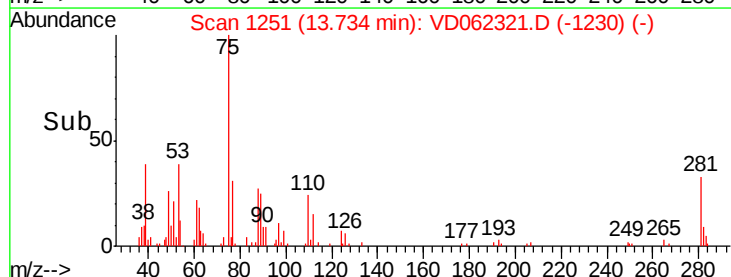
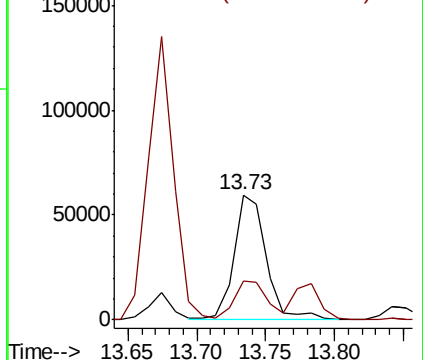
Ion Ratio Lower Upper

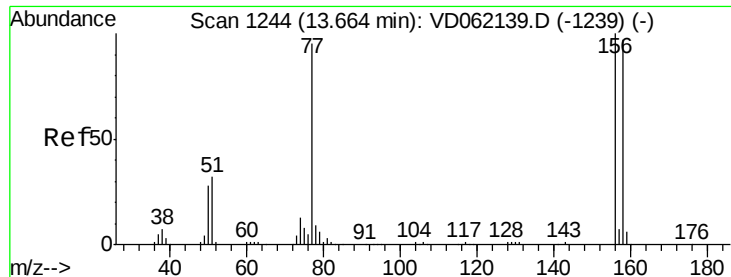
75 100

77 31.2 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 23.662 ug/l

RT: 13.67 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS02

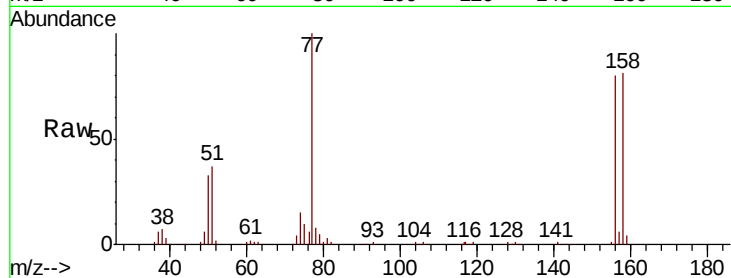
Tot Ion:156 Resp: 137359

Ion Ratio Lower Upper

156 100

77 125.3 53.1 159.4

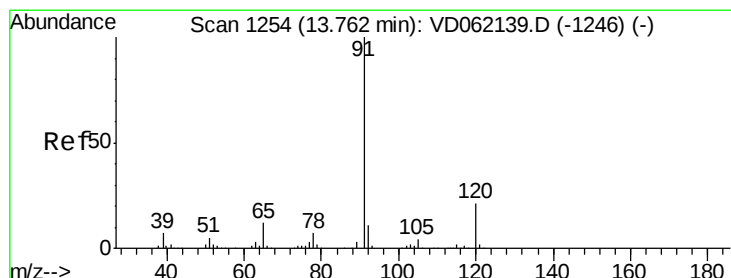
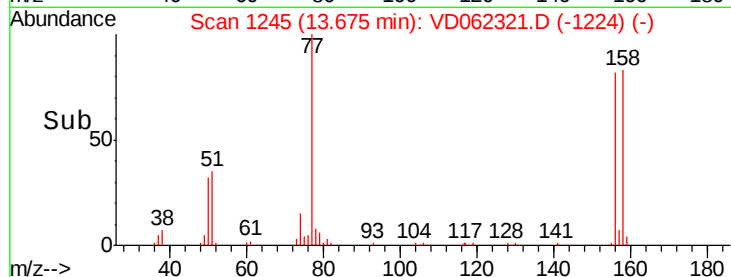
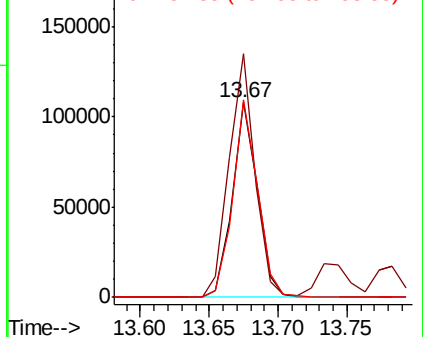
158 101.8 49.4 148.0



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: 24.310 ug/l

RT: 13.78 min Scan# 1256

Delta R.T. 0.02 min

Lab File: VD062321.D

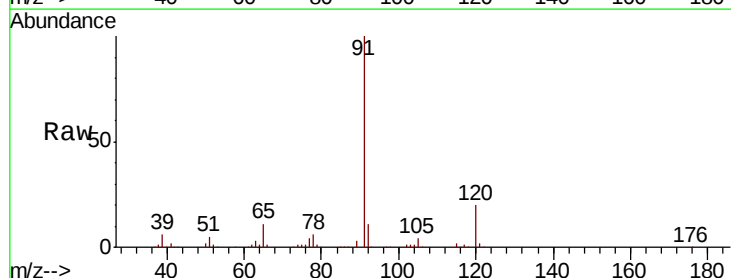
Acq: 14 May 2019 00:12

Tgt Ion: 91 Resp: 601359

Ion Ratio Lower Upper

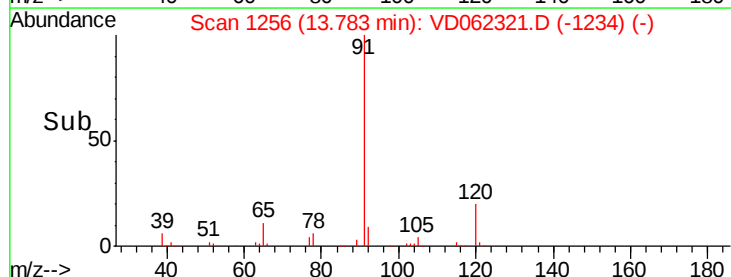
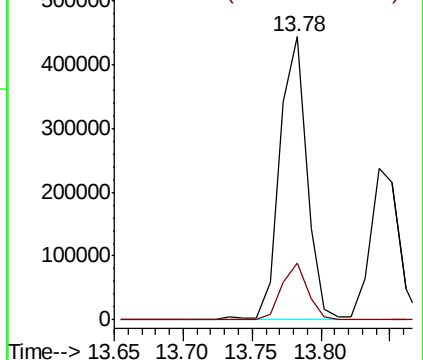
91 100

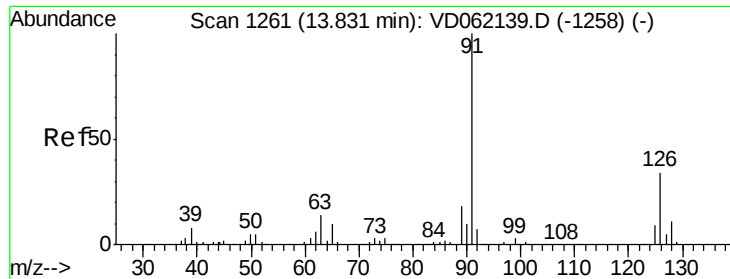
120 20.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

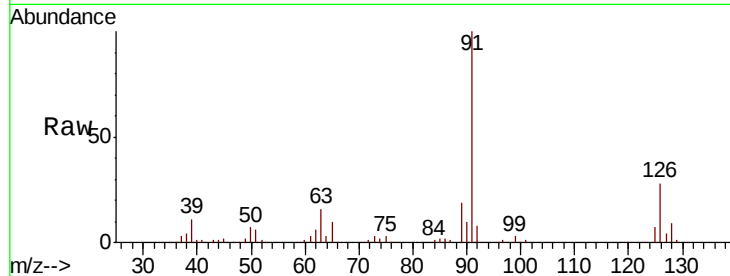




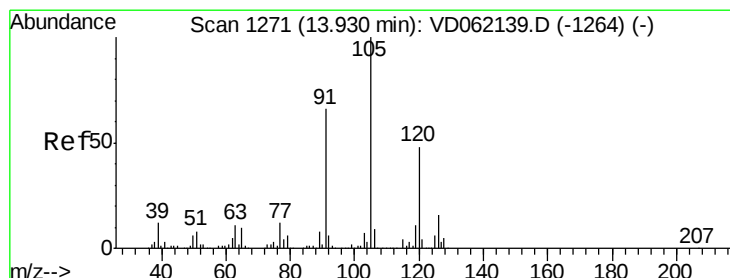
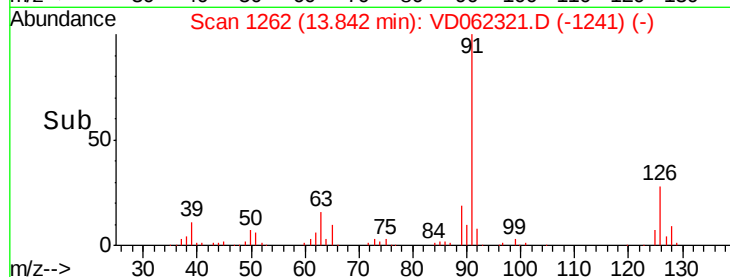
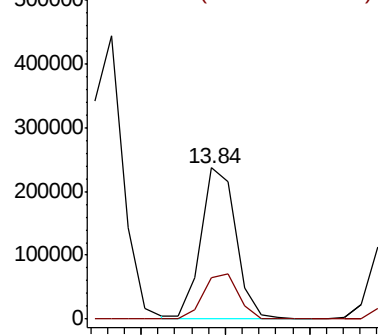
#79  
 2-Chlorotoluene  
 Concen: 23.890 ug/l  
 RT: 13.84 min Scan# 1262  
 Delta R.T. 0.01 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS02

Tot Ion: 91 Resp: 338463  
 Ion Ratio Lower Upper  
 91 100  
 126 27.9 18.6 55.8

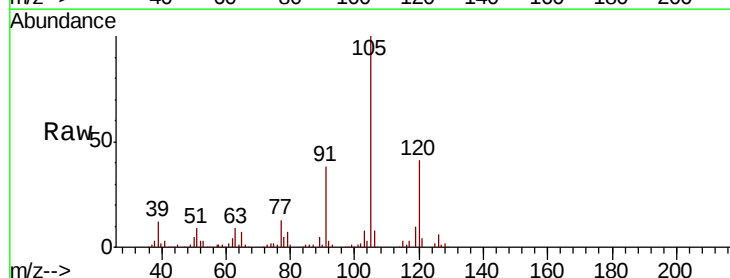


Abundance Ion 91.00 (90.70 to 91.70): V  
 Ion 125.95 (125.65 to 126.65): V

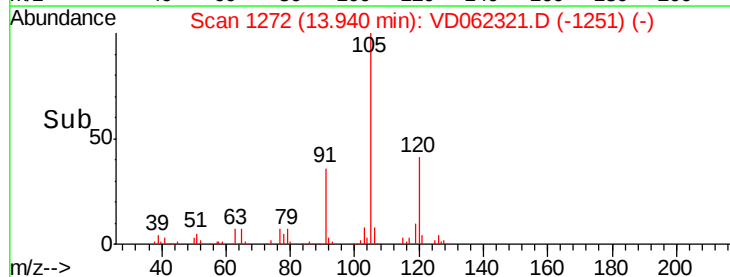
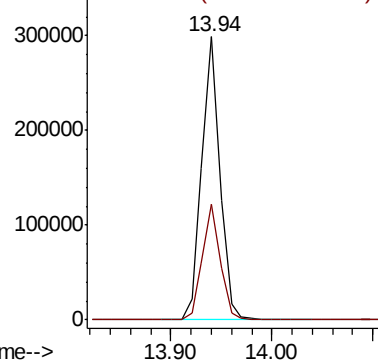


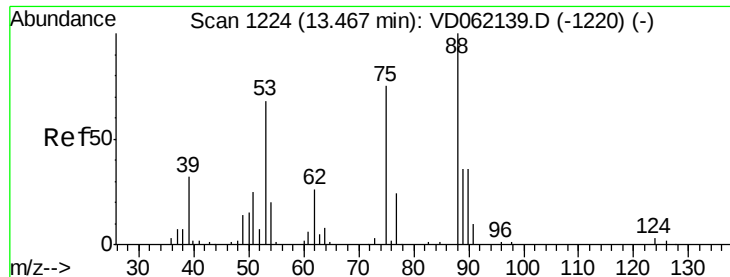
#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.367 ug/l  
 RT: 13.94 min Scan# 1272  
 Delta R.T. 0.01 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

Tgt Ion: 105 Resp: 373113  
 Ion Ratio Lower Upper  
 105 100  
 120 40.7 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): V  
 Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.076 ug/l

RT: 13.48 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VD062321.D

Acq: 14 May 2019 00:12

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS02

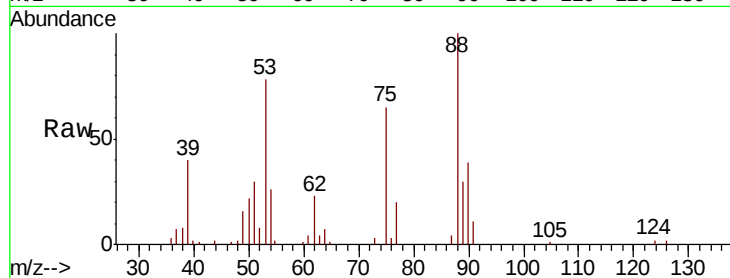
Tot Ion: 75 Resp: 23301

Ion Ratio Lower Upper

75 100

53 119.5 65.8 98.8#

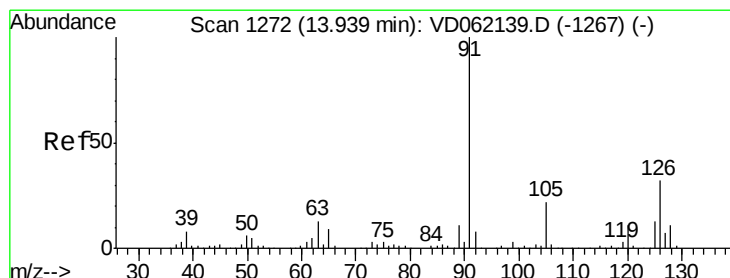
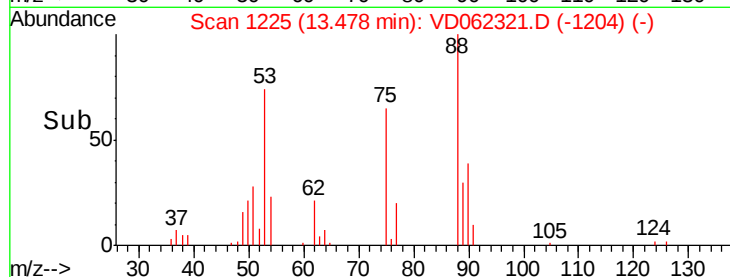
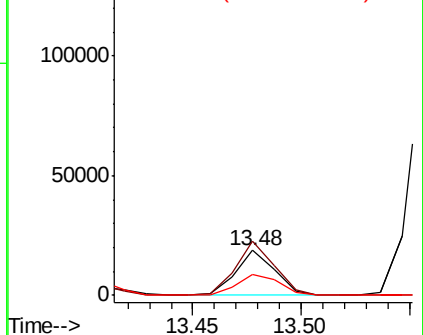
89 45.4 35.0 52.6



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 22.796 ug/l

RT: 13.95 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VD062321.D

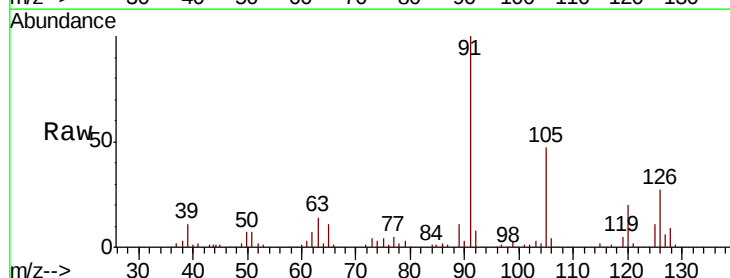
Acq: 14 May 2019 00:12

Tgt Ion: 91 Resp: 380052

Ion Ratio Lower Upper

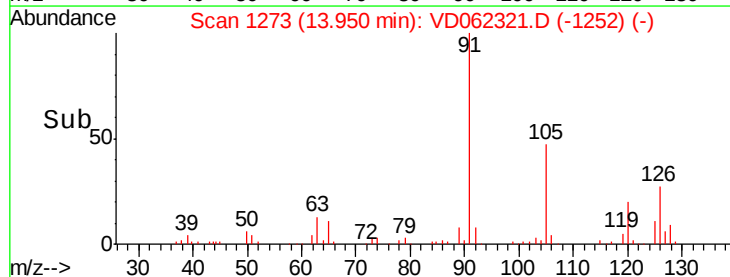
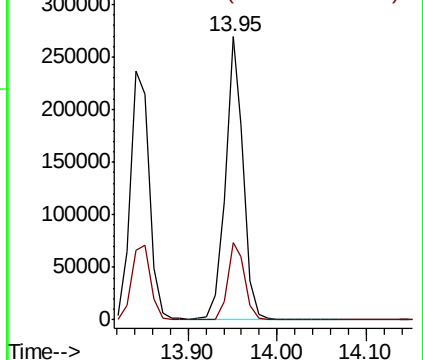
91 100

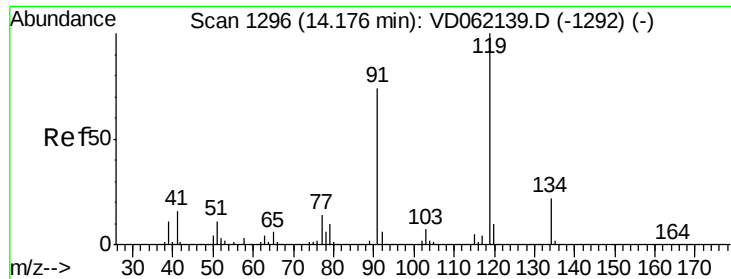
126 27.4 19.1 57.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

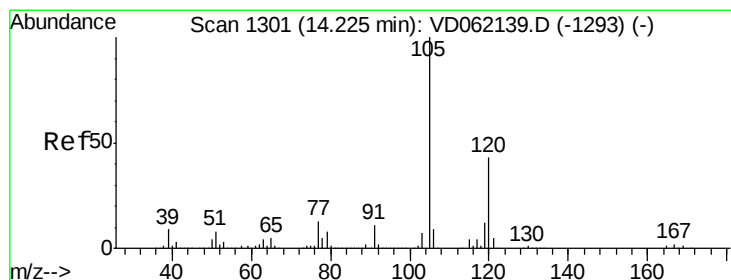
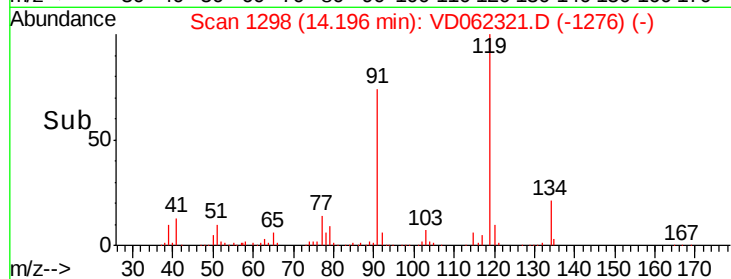
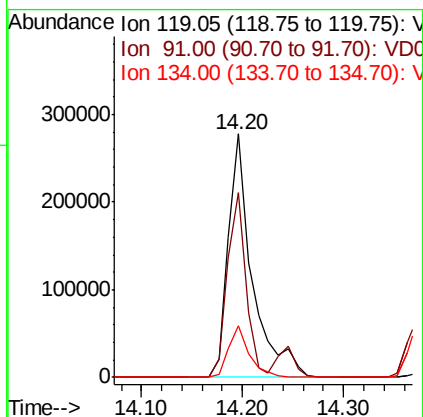
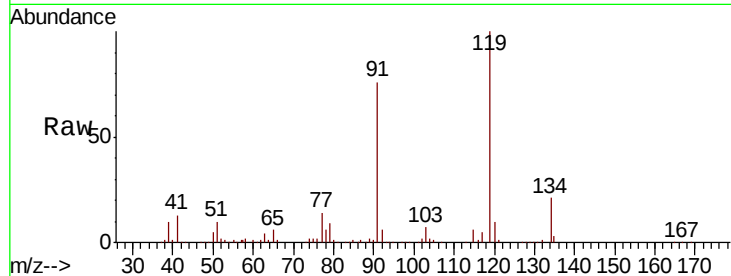




#83  
tert-Butylbenzene  
Concen: 23.249 ug/l  
RT: 14.20 min Scan# 1298  
Delta R.T. 0.02 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

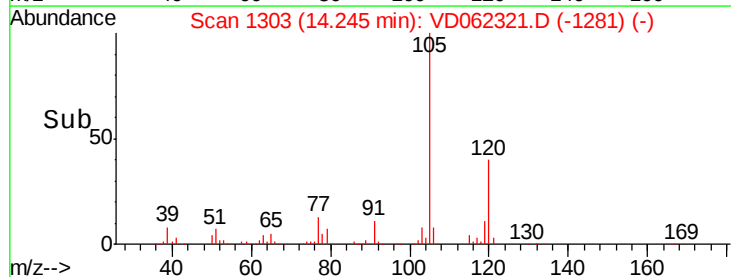
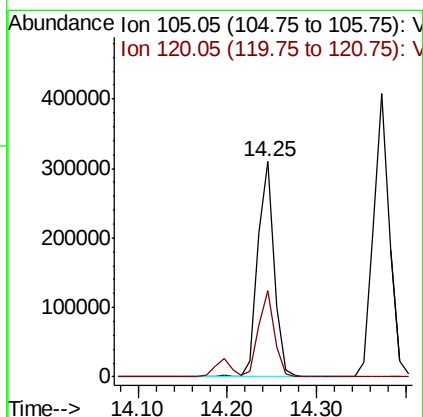
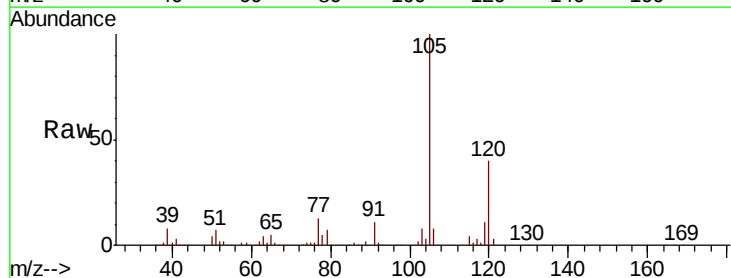
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

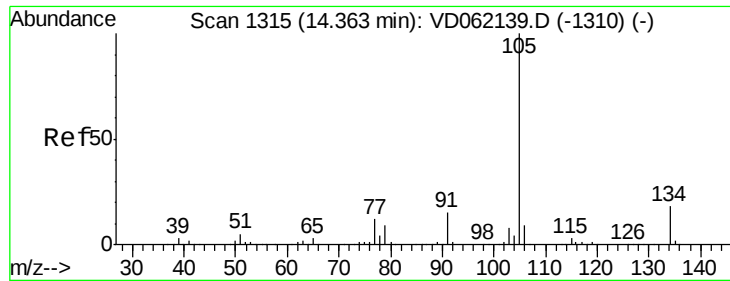
Tot Ion:119 Resp: 456326  
Ion Ratio Lower Upper  
119 100  
91 75.9 34.2 102.6  
134 21.2 12.0 36.0



#84  
1,2,4-Trimethylbenzene  
Concen: 22.304 ug/l  
RT: 14.25 min Scan# 1303  
Delta R.T. 0.02 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion:105 Resp: 390849  
Ion Ratio Lower Upper  
105 100  
120 39.9 23.1 69.2

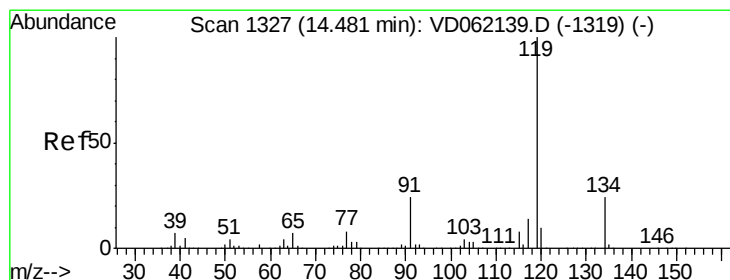
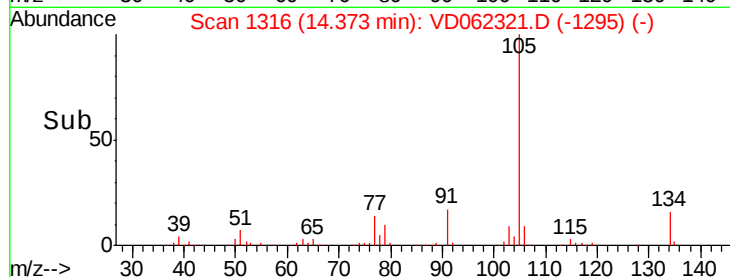
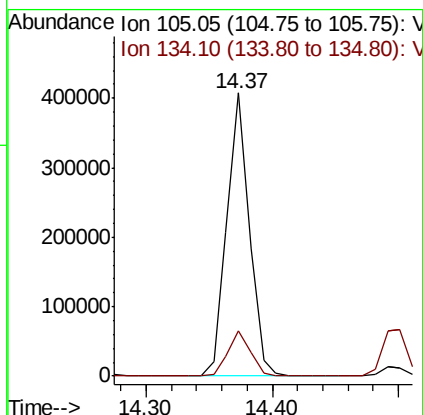
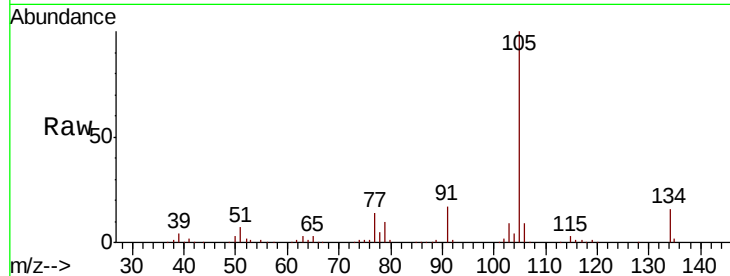




#85  
 sec-Butylbenzene  
 Concen: 23.287 ug/l  
 RT: 14.37 min Scan# 1316  
 Delta R.T. 0.01 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

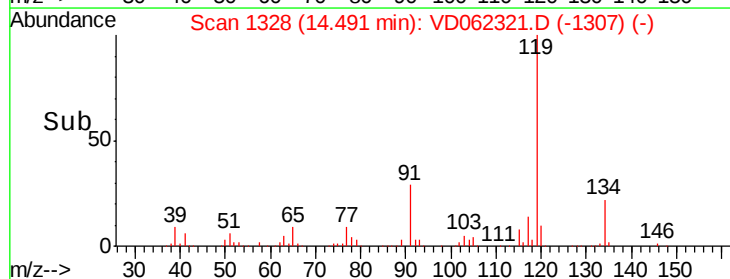
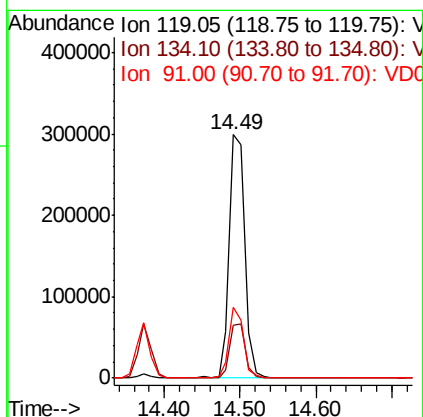
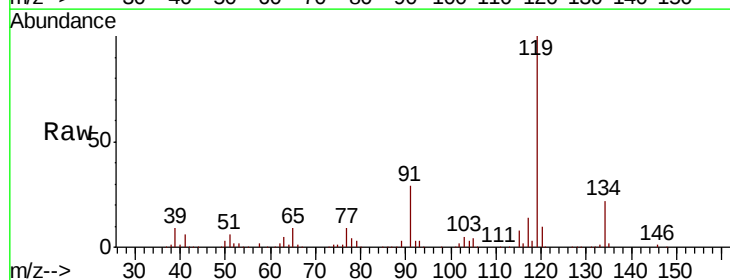
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS02

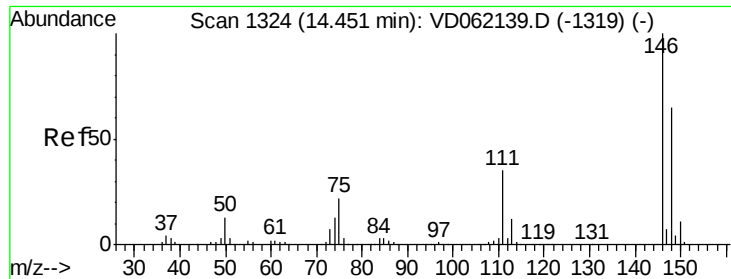
Tot Ion:105 Resp: 501127  
 Ion Ratio Lower Upper  
 105 100  
 134 16.2 8.9 26.7



#86  
 p-Isopropyltoluene  
 Concen: 21.977 ug/l  
 RT: 14.49 min Scan# 1328  
 Delta R.T. 0.01 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

Tgt Ion:119 Resp: 422545  
 Ion Ratio Lower Upper  
 119 100  
 134 21.8 12.8 38.3  
 91 28.8 10.7 32.1

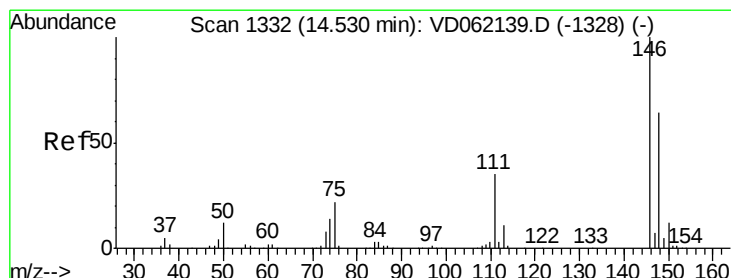
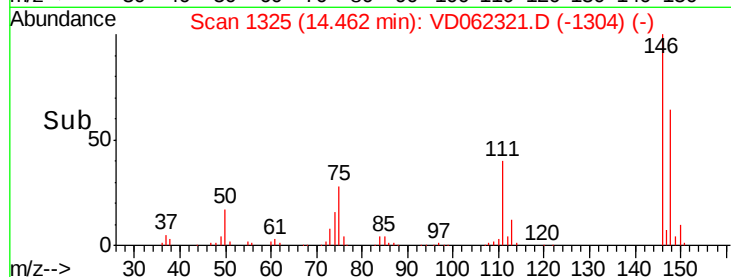
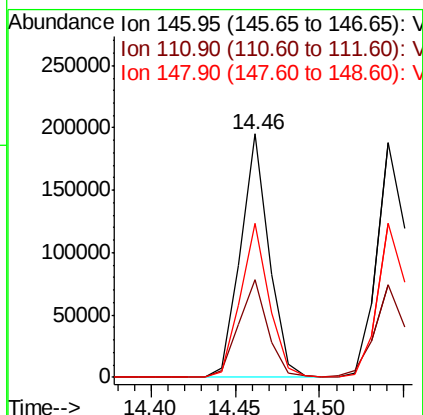
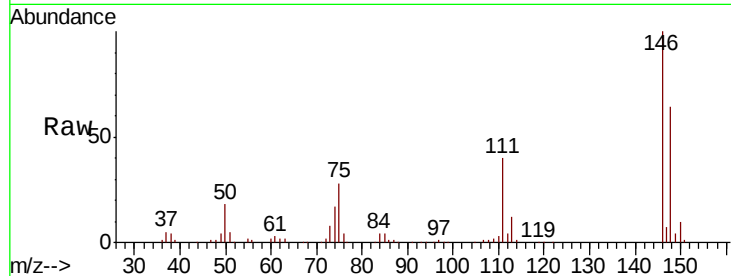




#87  
 1,3-Dichlorobenzene  
 Concen: 21.600 ug/l  
 RT: 14.46 min Scan# 1325  
 Delta R.T. 0.01 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

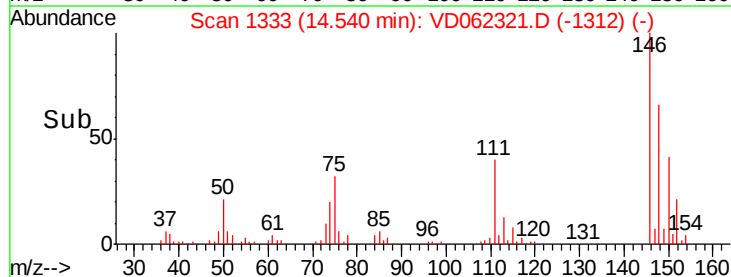
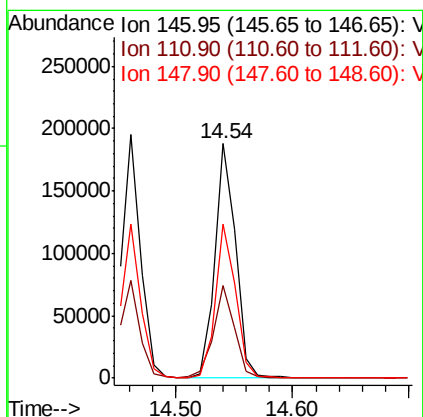
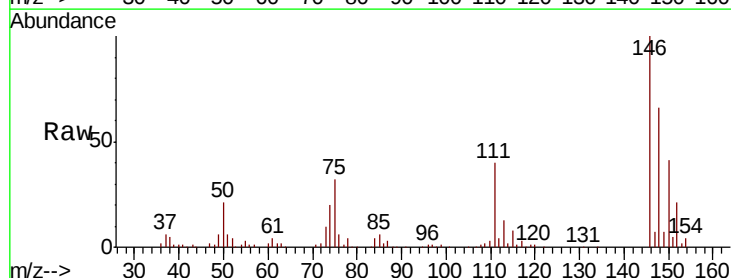
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS02

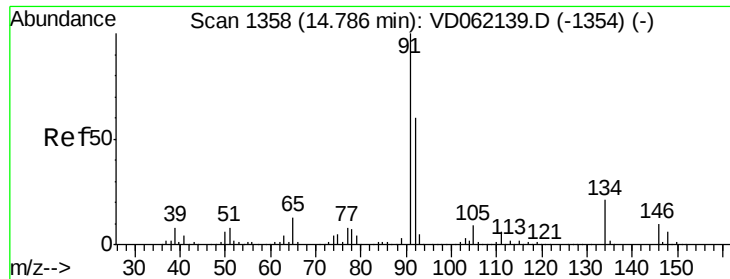
Tot Ion:146 Resp: 229062  
 Ion Ratio Lower Upper  
 146 100  
 111 40.2 20.0 60.0  
 148 63.5 31.8 95.4



#88  
 1,4-Dichlorobenzene  
 Concen: 22.097 ug/l  
 RT: 14.54 min Scan# 1333  
 Delta R.T. 0.01 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

Tgt Ion:146 Resp: 230246  
 Ion Ratio Lower Upper  
 146 100  
 111 39.7 20.2 60.5  
 148 66.0 32.0 96.2

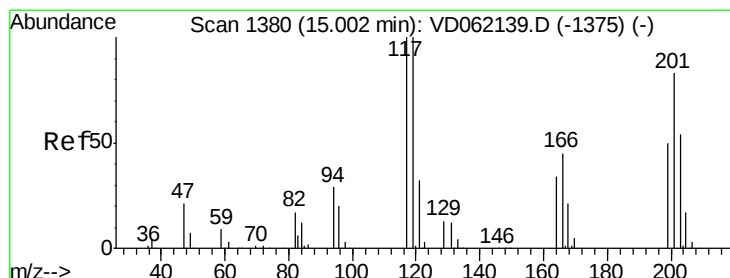
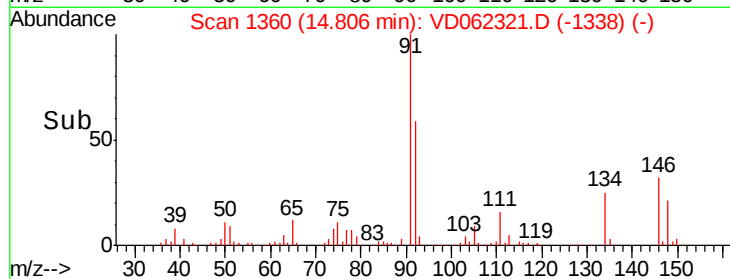
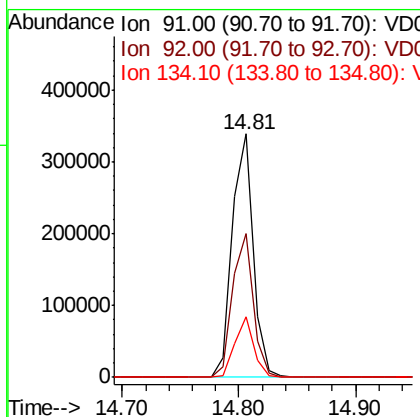
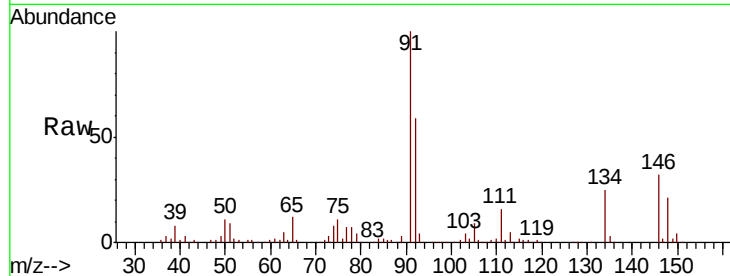




#89  
n-Butylbenzene  
Concen: 24.611 ug/l  
RT: 14.81 min Scan# 1360  
Delta R.T. 0.02 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

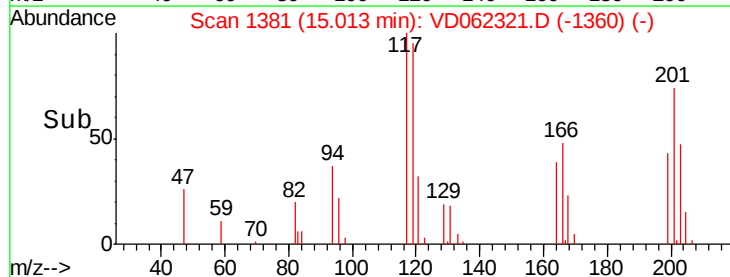
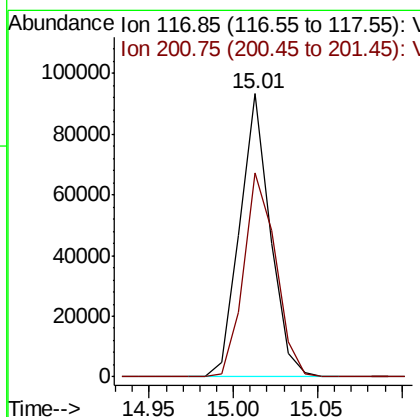
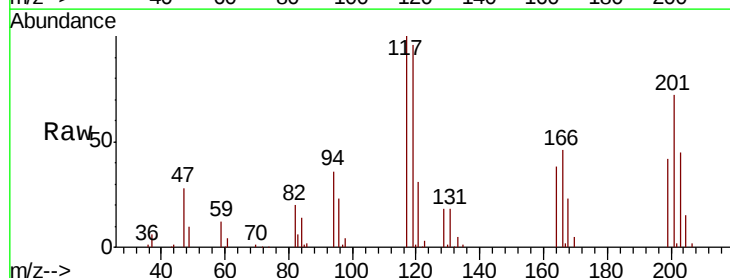
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

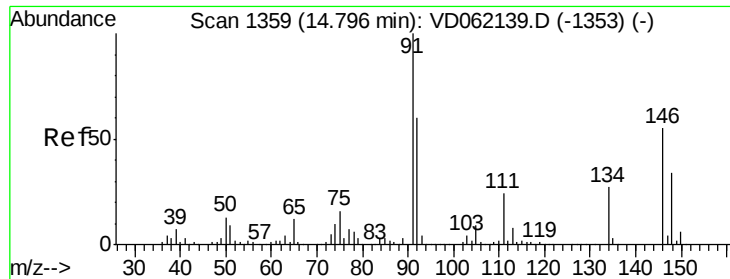
Tot Ion: 91 Resp: 424728  
Ion Ratio Lower Upper  
91 100  
92 58.9 30.3 91.0  
134 24.6 14.5 43.6



#90  
Hexachloroethane  
Concen: 22.310 ug/l  
RT: 15.01 min Scan# 1381  
Delta R.T. 0.01 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion: 117 Resp: 116649  
Ion Ratio Lower Upper  
117 100  
201 71.9 30.2 90.6

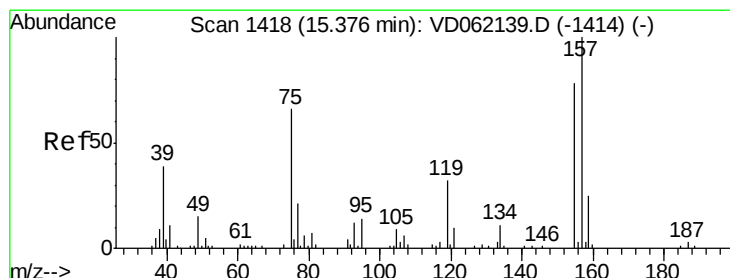
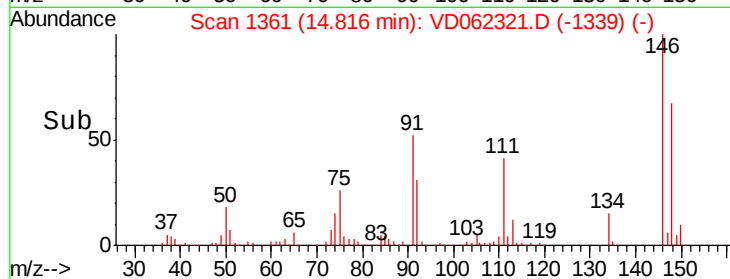
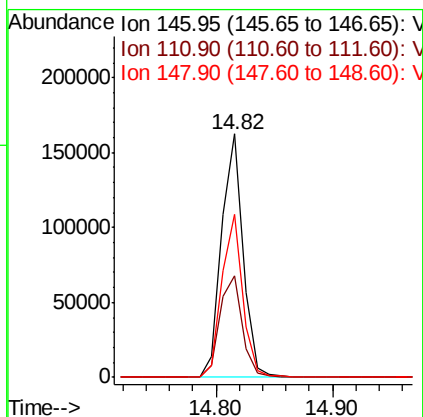
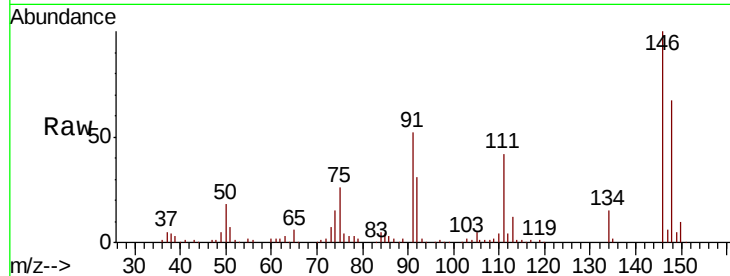




#91  
 1,2-Dichlorobenzene  
 Concen: 23.853 ug/l  
 RT: 14.82 min Scan# 1361  
 Delta R.T. 0.02 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

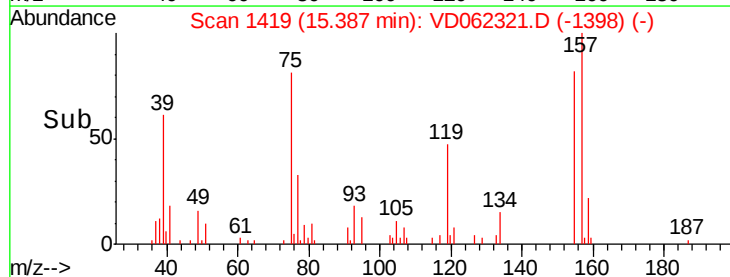
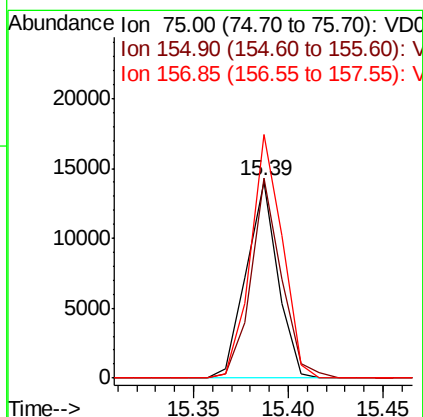
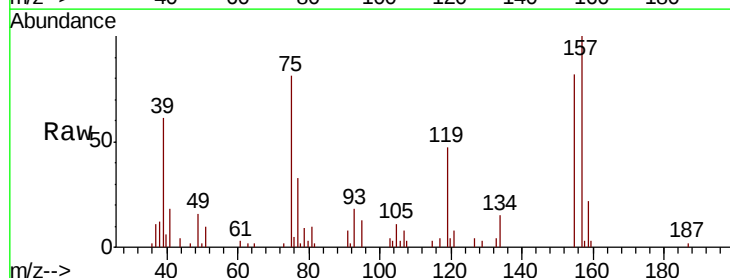
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS02

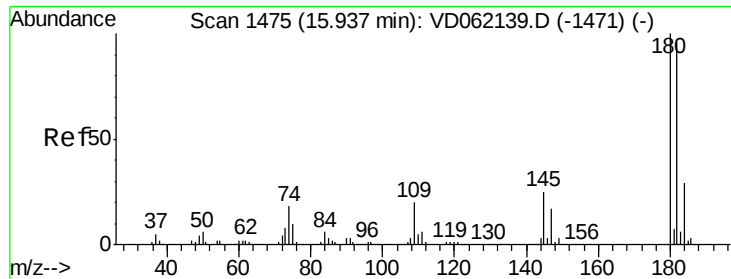
Tot Ion:146 Resp: 208323  
 Ion Ratio Lower Upper  
 146 100  
 111 41.7 20.0 59.9  
 148 67.1 32.3 96.8



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 25.298 ug/l  
 RT: 15.39 min Scan# 1419  
 Delta R.T. 0.01 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

Tgt Ion: 75 Resp: 16303  
 Ion Ratio Lower Upper  
 75 100  
 155 101.7 55.3 165.8  
 157 123.8 67.8 203.2

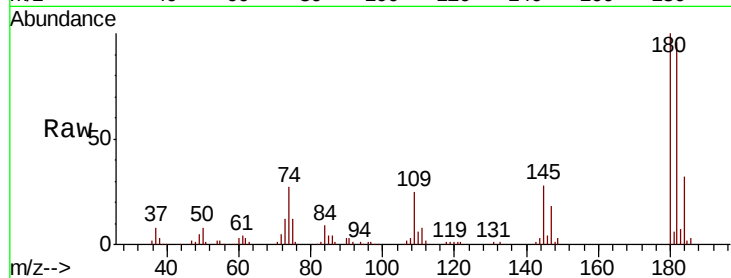




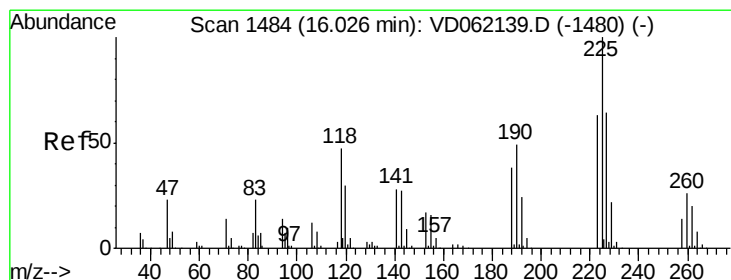
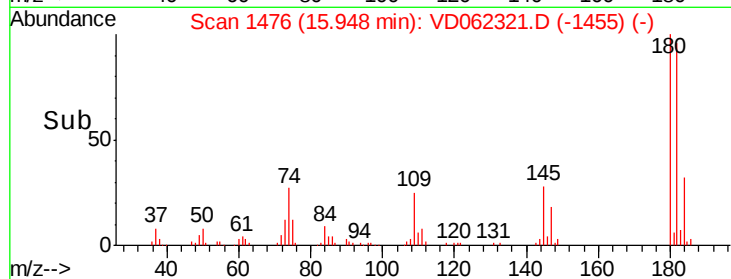
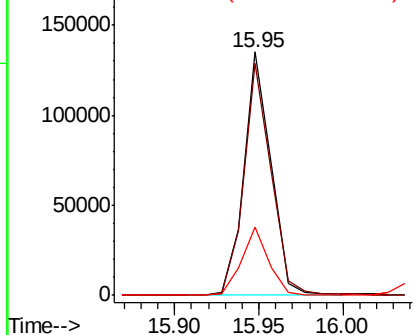
#93  
 1,2,4-Trichlorobenzene  
 Concen: 23.672 ug/l  
 RT: 15.95 min Scan# 1476  
 Delta R.T. 0.01 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.6  | 49.3  | 147.8 |
| 145     | 28.2  | 16.2  | 48.6  |

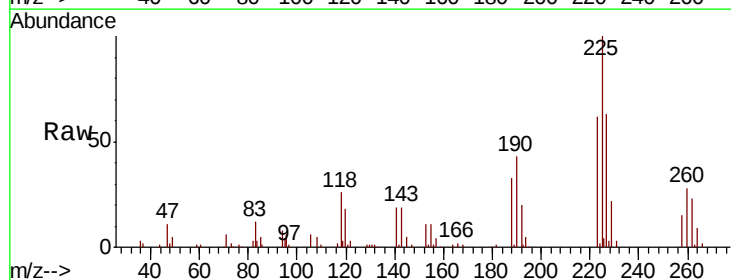


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

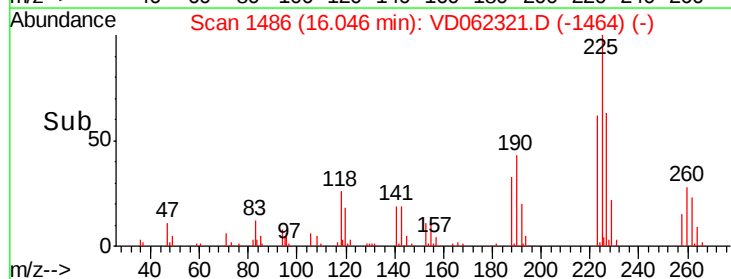
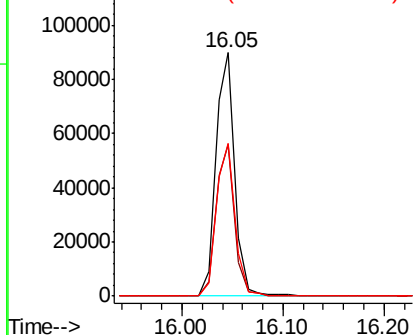


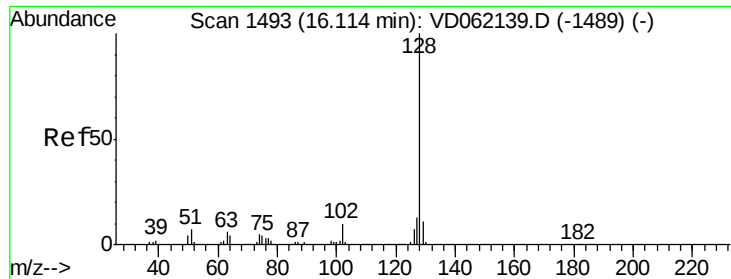
#94  
 Hexachlorobutadiene  
 Concen: 24.854 ug/l  
 RT: 16.05 min Scan# 1486  
 Delta R.T. 0.02 min  
 Lab File: VD062321.D  
 Acq: 14 May 2019 00:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 30.6  | 92.0  |
| 227     | 62.6  | 32.0  | 96.2  |



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

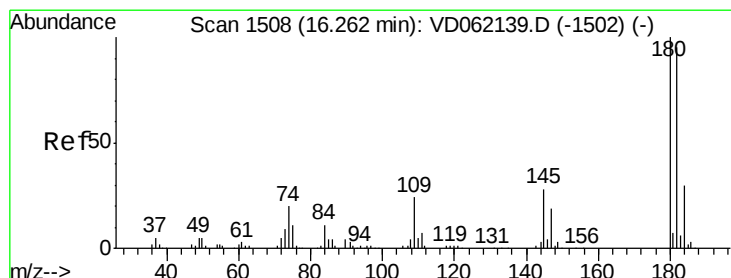
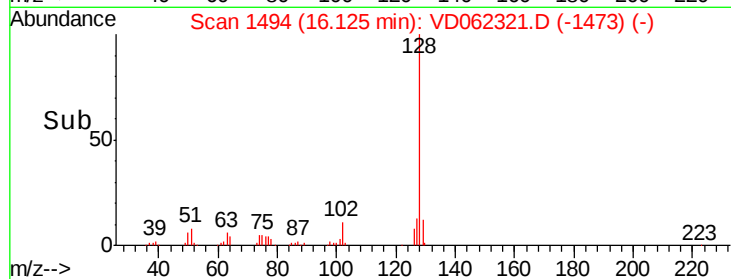
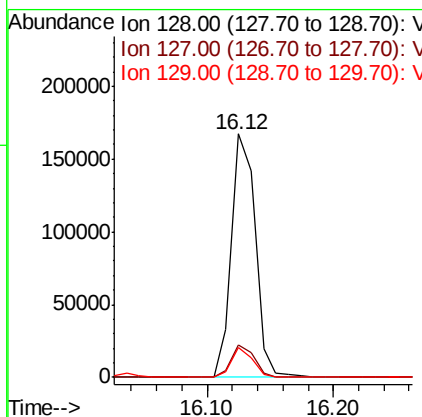
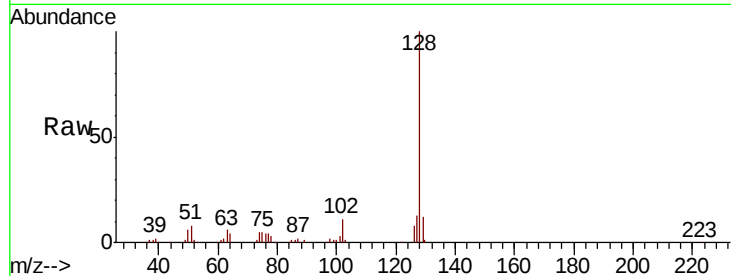




#95  
Naphthalene  
Concen: 24.625 ug/l  
RT: 16.12 min Scan# 1494  
Delta R.T. 0.01 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS02

Tot Ion:128 Resp: 218545  
Ion Ratio Lower Upper  
128 100  
127 13.2 9.8 14.8  
129 12.2 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 28.060 ug/l  
RT: 16.27 min Scan# 1509  
Delta R.T. 0.01 min  
Lab File: VD062321.D  
Acq: 14 May 2019 00:12

Tgt Ion:180 Resp: 112151  
Ion Ratio Lower Upper  
180 100  
182 90.3 47.0 141.0  
145 32.4 17.0 51.0

