

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\  
 Data File : VD062951.D  
 Acq On : 28 Jun 2019 2:55  
 Operator : VA/AP  
 Sample : VD0627SBS03  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBS03

Quant Time: Jun 28 05:24:09 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:50:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.02  | 168  | 747448   | 50.00 | ug/l  | -0.03    |
| 34) 1,4-Difluorobenzene    | 8.19  | 114  | 1154846  | 50.00 | ug/l  | -0.03    |
| 63) Chlorobenzene-d5       | 12.35 | 117  | 985537   | 50.00 | ug/l  | -0.03    |
| 72) 1,4-Dichlorobenzene-d4 | 14.50 | 152  | 556709   | 50.00 | ug/l  | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.42  | 65   | 459549   | 56.56 | ug/l    | -0.04    |
| Spiked Amount               |       |      | Recovery | =     | 113.12% |          |
| 35) Dibromofluoromethane    | 6.89  | 113  | 465210   | 47.77 | ug/l    | -0.04    |
| Spiked Amount               |       |      | Recovery | =     | 95.54%  |          |
| 50) Toluene-d8              | 10.39 | 98   | 939173   | 44.31 | ug/l    | -0.03    |
| Spiked Amount               |       |      | Recovery | =     | 88.62%  |          |
| 62) 4-Bromofluorobenzene    | 13.54 | 95   | 448242   | 46.51 | ug/l    | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 93.02%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.56 | 85   | 203421   | 21.031  | ug/l   | 97     |
| 3) Chloromethane              | 1.74 | 50   | 149636   | 20.571  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.83 | 62   | 144752   | 20.070  | ug/l   | 95     |
| 5) Bromomethane               | 2.13 | 94   | 54429    | 16.115  | ug/l   | 98     |
| 6) Chloroethane               | 2.25 | 64   | 65549    | 20.075  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 2.51 | 101  | 290322   | 19.890  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.86 | 74   | 46711    | 25.187  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.12 | 101  | 153425   | 19.402  | ug/l   | 89     |
| 10) Methyl Iodide             | 3.28 | 142  | 206392   | 19.784  | ug/l   | 95     |
| 11) Tert butyl alcohol        | 4.07 | 59   | 48378    | 130.739 | ug/l # | 95     |
| 12) 1,1-Dichloroethene        | 3.10 | 96   | 117360   | 19.784  | ug/l   | 94     |
| 13) Acrolein                  | 3.01 | 56   | 27937    | 73.954  | ug/l   | 91     |
| 14) Allyl chloride            | 3.59 | 41   | 189880   | 21.663  | ug/l   | 94     |
| 15) Acrylonitrile             | 4.18 | 53   | 114987   | 132.248 | ug/l # | 90     |
| 16) Acetone                   | 3.20 | 43   | 176213   | 102.833 | ug/l # | 90     |
| 17) Carbon Disulfide          | 3.35 | 76   | 355988   | 18.777  | ug/l   | 97     |
| 18) Methyl Acetate            | 3.62 | 43   | 103284   | 42.112  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 4.21 | 73   | 319955   | 24.915  | ug/l   | 97     |
| 20) Methylene Chloride        | 3.78 | 84   | 155633   | 25.117  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 4.18 | 96   | 136747   | 21.650  | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.09 | 45   | 422970   | 23.729  | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.02 | 43   | 1209801  | 108.463 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 4.95 | 63   | 257214   | 22.163  | ug/l   | 98     |
| 25) 2-Butanone                | 6.05 | 43   | 181649   | 119.541 | ug/l # | 89     |
| 26) 2,2-Dichloropropane       | 6.00 | 77   | 218903   | 17.795  | ug/l   | 95     |
| 27) cis-1,2-Dichloroethene    | 6.01 | 96   | 155349   | 23.258  | ug/l   | 98     |
| 28) Bromochloromethane        | 6.41 | 49   | 101611   | 24.859  | ug/l   | 82     |
| 29) Tetrahydrofuran           | 6.43 | 42   | 101027   | 140.518 | ug/l   | 98     |
| 30) Chloroform                | 6.64 | 83   | 329001   | 23.310  | ug/l   | 95     |
| 31) Cyclohexane               | 6.92 | 56   | 148415   | 19.453  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 6.84 | 97   | 314972   | 21.425  | ug/l   | 92     |
| 36) 1,1-Dichloropropene       | 7.12 | 75   | 201060   | 18.391  | ug/l   | 97     |
| 37) Ethyl Acetate             | 6.14 | 43   | 98003    | 20.695  | ug/l # | 95     |
| 38) Carbon Tetrachloride      | 7.08 | 117  | 289187   | 17.589  | ug/l   | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\  
 Data File : VD062951.D  
 Acq On : 28 Jun 2019 2:55  
 Operator : VA/AP  
 Sample : VD0627SBS03  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBS03

Quant Time: Jun 28 05:24:09 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:50:56 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 8.84  | 83   | 174001   | 18.082  | ug/l   | 94       |
| 40) Benzene                    | 7.42  | 78   | 440412   | 20.069  | ug/l   | 98       |
| 41) Methacrylonitrile          | 6.42  | 41   | 129902   | 22.532  | ug/l # | 93       |
| 42) 1,2-Dichloroethane         | 7.55  | 62   | 254067   | 21.223  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 9.22  | 43   | 135723   | 23.681  | ug/l # | 97       |
| 44) Trichloroethene            | 8.52  | 130  | 167901   | 19.516  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 8.91  | 63   | 111710   | 20.472  | ug/l   | 93       |
| 46) Dibromomethane             | 9.04  | 93   | 94562    | 20.174  | ug/l   | 94       |
| 47) Bromodichloromethane       | 9.35  | 83   | 253149   | 20.795  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.10  | 41   | 89998    | 22.097  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.07  | 88   | 15553    | 458.990 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 10.28 | 43   | 460184   | 113.247 | ug/l   | 99       |
| 52) Toluene                    | 10.49 | 92   | 302257   | 20.491  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.89 | 75   | 196377   | 19.709  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.01 | 75   | 223909   | 20.675  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 11.16 | 97   | 111957   | 22.091  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 11.02 | 69   | 115174   | 21.265  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 11.38 | 76   | 162373   | 20.925  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.84  | 63   | 310224   | 111.572 | ug/l   | 98       |
| 59) 2-Hexanone                 | 11.51 | 43   | 306611   | 105.947 | ug/l   | 95       |
| 60) Dibromochloromethane       | 11.67 | 129  | 189525   | 20.077  | ug/l   | 93       |
| 61) 1,2-Dibromoethane          | 11.78 | 107  | 134116   | 22.407  | ug/l   | 88       |
| 64) Tetrachloroethene          | 11.23 | 164  | 174850   | 21.557  | ug/l   | 90       |
| 65) Chlorobenzene              | 12.39 | 112  | 374818   | 20.492  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.49 | 131  | 176234   | 20.603  | ug/l   | 97       |
| 67) Ethyl Benzene              | 12.50 | 91   | 618628   | 18.838  | ug/l   | 99       |
| 68) m/p-Xylenes                | 12.65 | 106  | 427691   | 37.394  | ug/l   | 97       |
| 69) o-Xylene                   | 13.03 | 106  | 211928   | 20.270  | ug/l   | 99       |
| 70) Styrene                    | 13.05 | 104  | 384774   | 20.952  | ug/l   | 96       |
| 71) Bromoform                  | 13.22 | 173  | 128869   | 21.989  | ug/l   | 91       |
| 73) Isopropylbenzene           | 13.39 | 105  | 653008   | 18.294  | ug/l   | 100      |
| 74) N-amyl acetate             | 13.25 | 43   | 170723   | 19.695  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.68 | 83   | 120178   | 20.664  | ug/l   | 89       |
| 76) 1,2,3-Trichloropropane     | 13.72 | 75   | 140256   | 21.824  | ug/l   | 97       |
| 77) Bromobenzene               | 13.66 | 156  | 191782   | 19.975  | ug/l   | 93       |
| 78) n-propylbenzene            | 13.76 | 91   | 757721   | 18.238  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 13.82 | 91   | 444410   | 18.718  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 13.92 | 105  | 548796   | 18.304  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 13.46 | 75   | 30444    | 18.074  | ug/l   | 89       |
| 82) 4-Chlorotoluene            | 13.93 | 91   | 523678   | 18.321  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 614965   | 18.401  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 553078   | 17.998  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 14.35 | 105  | 657622   | 18.105  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 14.48 | 119  | 615650   | 18.527  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 14.44 | 146  | 334323   | 19.426  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 14.52 | 146  | 350059   | 20.251  | ug/l   | 97       |
| 89) n-Butylbenzene             | 14.79 | 91   | 453378   | 14.577  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.99 | 117  | 157646   | 17.645  | ug/l   | 84       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 264010   | 17.930  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 24922    | 21.955  | ug/l   | 70       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062719\  
Data File : VD062951.D  
Acq On : 28 Jun 2019 2:55  
Operator : VA/AP  
Sample : VD0627SBSD03  
Misc : 5.00µl/5ml/MSVOA D/SOIL  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

Quant Time: Jun 28 05:24:09 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 20 01:50:56 2019  
Response via : Initial Calibration

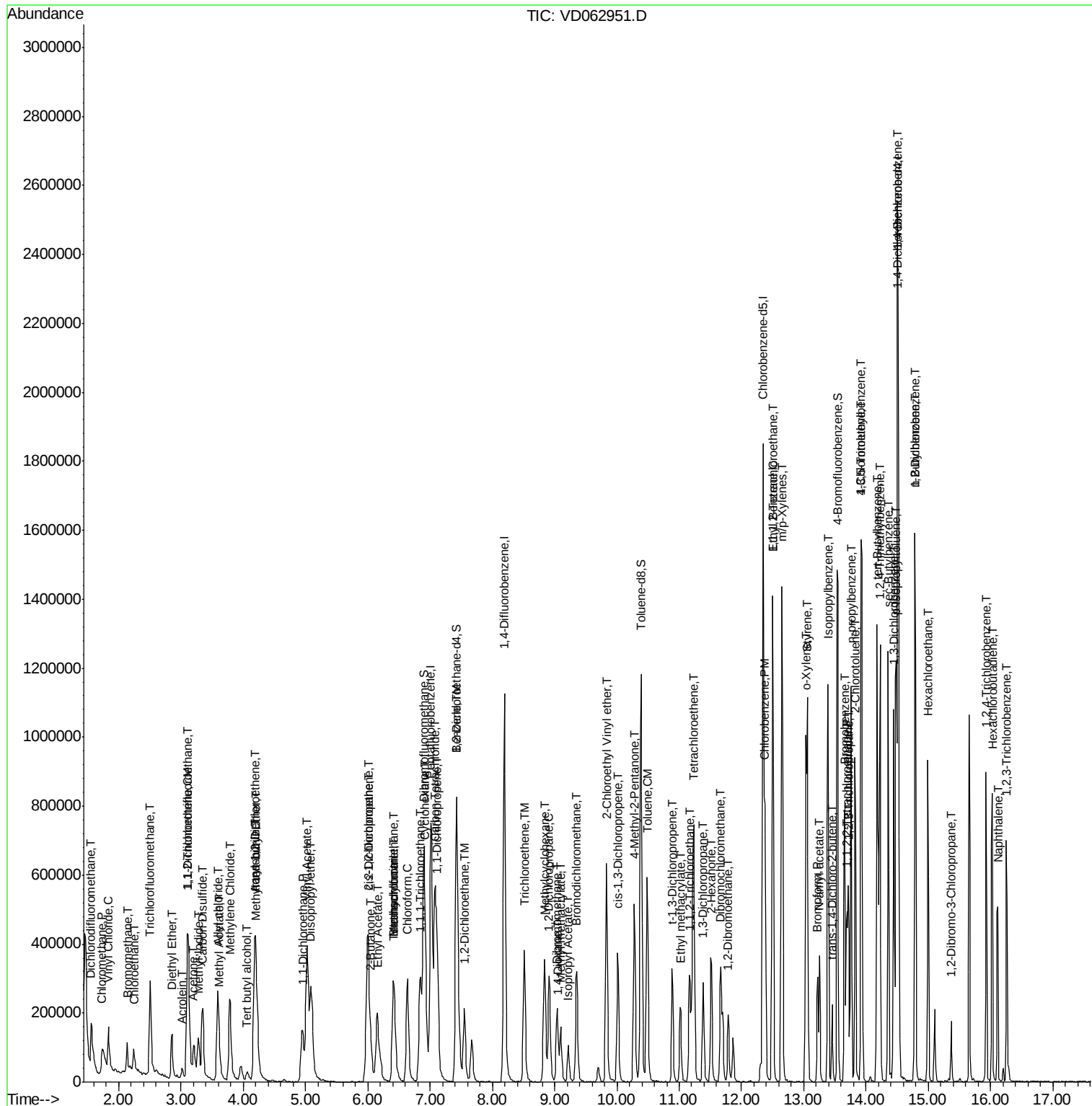
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.93 | 180  | 212712   | 18.493 | µg/l  | 96       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 143468   | 16.327 | µg/l  | 96       |
| 95) Naphthalene            | 16.12 | 128  | 337478   | 20.933 | µg/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.26 | 180  | 179455   | 20.305 | µg/l  | 92       |

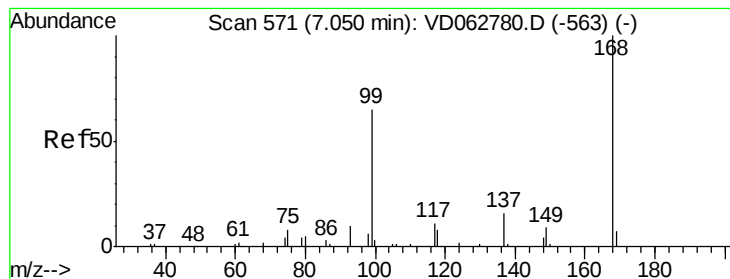
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062719\  
Data File : VD062951.D  
Acq On : 28 Jun 2019 2:55  
Operator : VA/AP  
Sample : VD0627SBSD03  
Misc : 5.00µl/5ml/MSVOA D/SOIL  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
Client Sample Id :  
VD0627SBSD03

Quant Time: Jun 28 05:24:09 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 20 01:50:56 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

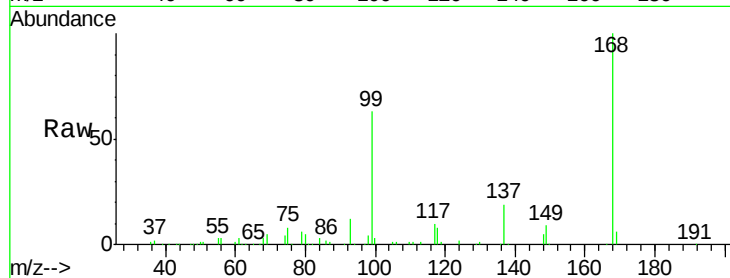
VD0627SBSD03

Tot Ion:168 Resp: 747448

Ion Ratio Lower Upper

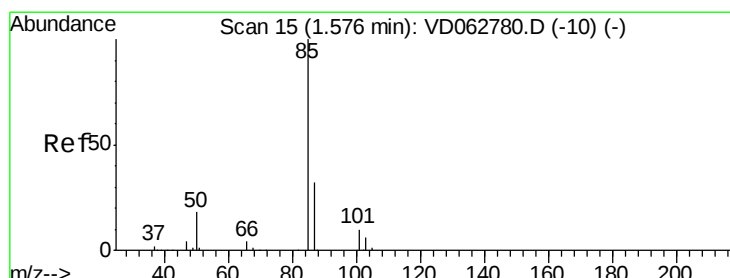
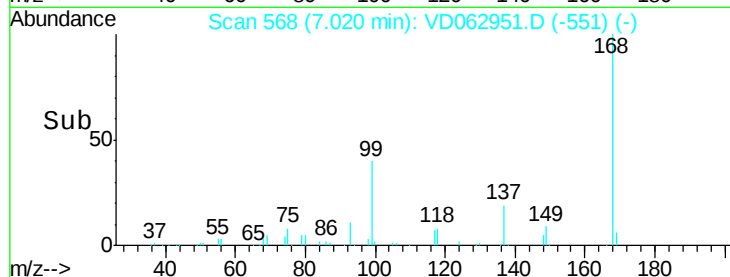
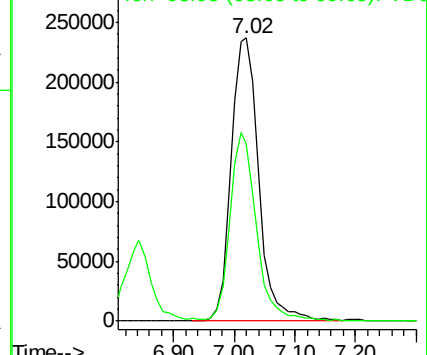
168 100

99 62.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 21.031 ug/l

RT: 1.56 min Scan# 13

Delta R.T. -0.02 min

Lab File: VD062951.D

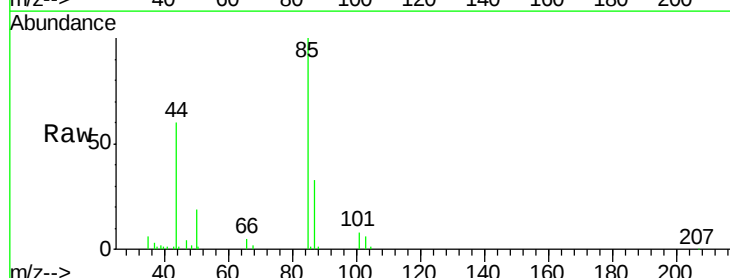
Acq: 28 Jun 2019 2:55

Tgt Ion: 85 Resp: 203421

Ion Ratio Lower Upper

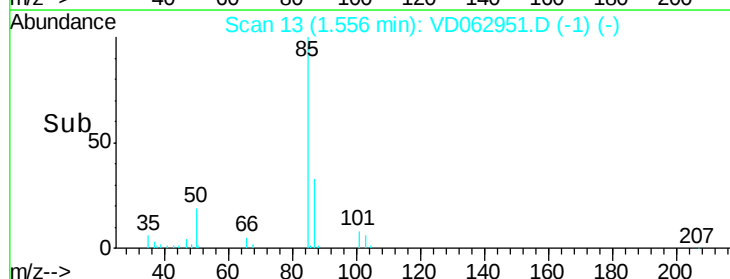
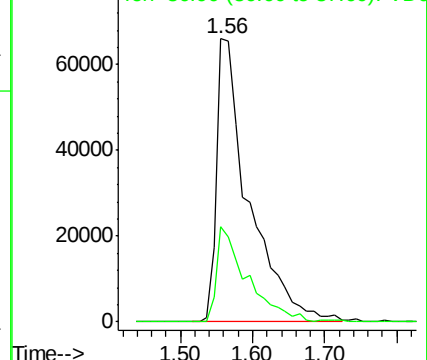
85 100

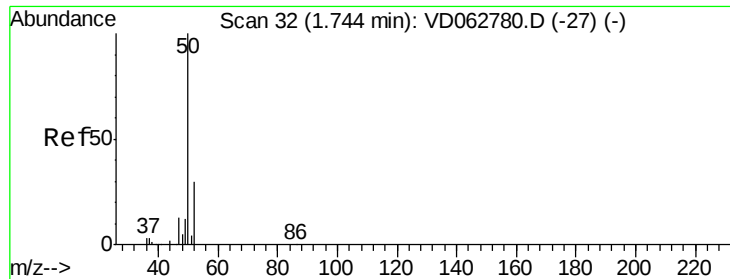
87 33.4 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.571 ug/l

RT: 1.74 min Scan# 32

Delta R.T. 0.00 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

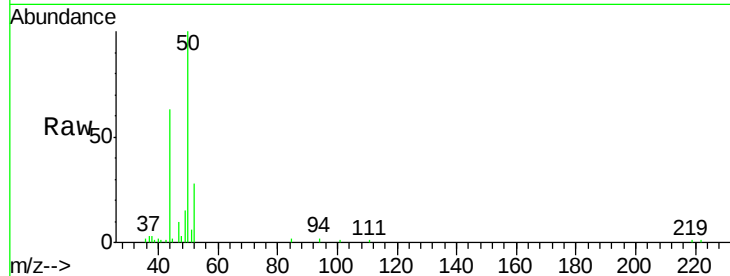
VD0627SBSD03

Tot Ion: 50 Resp: 149636

Ion Ratio Lower Upper

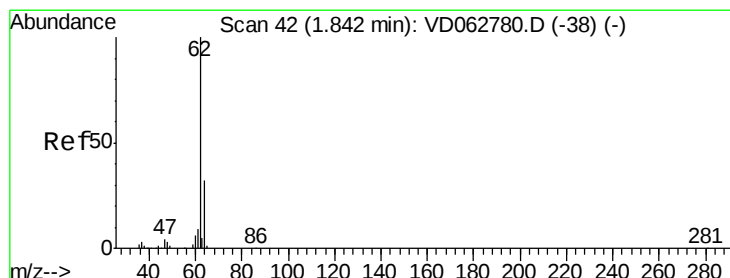
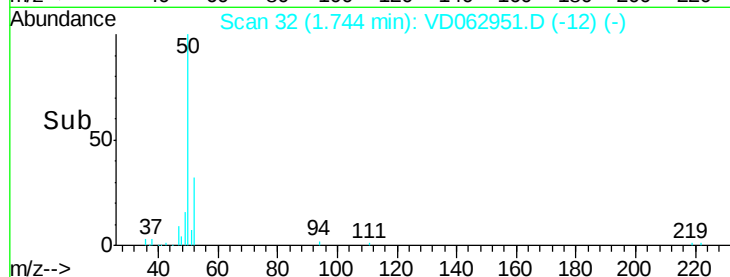
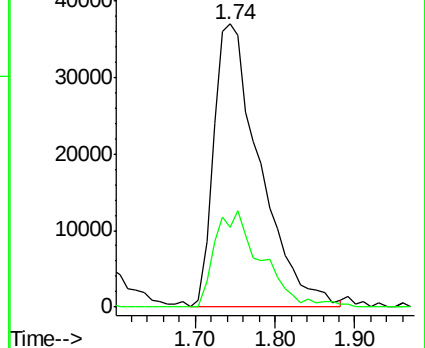
50 100

52 28.3 23.6 35.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.070 ug/l

RT: 1.83 min Scan# 41

Delta R.T. -0.01 min

Lab File: VD062951.D

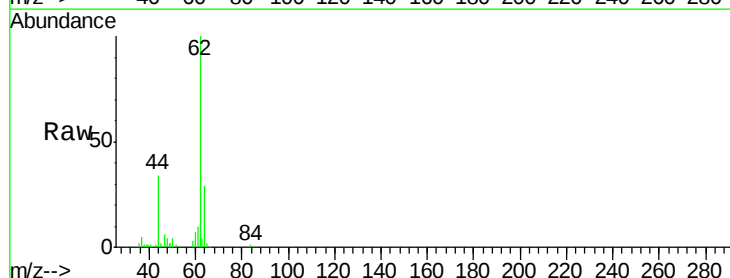
Acq: 28 Jun 2019 2:55

Tgt Ion: 62 Resp: 144752

Ion Ratio Lower Upper

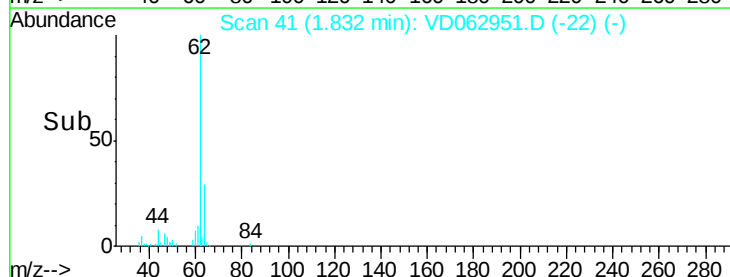
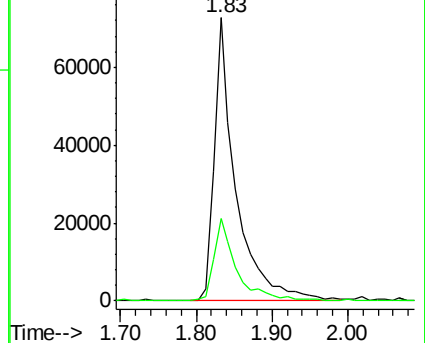
62 100

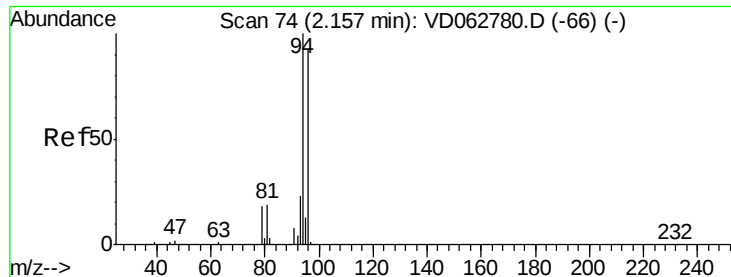
64 29.3 25.6 38.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 16.115 ug/l

RT: 2.13 min Scan# 71

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBS03

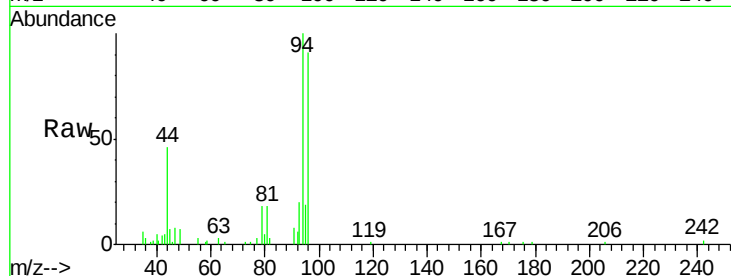
Tot Ion: 94 Resp: 54429

Ion Ratio Lower Upper

94 100

96 91.1 73.4 110.2

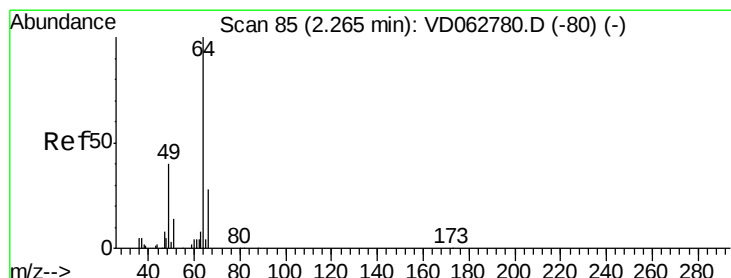
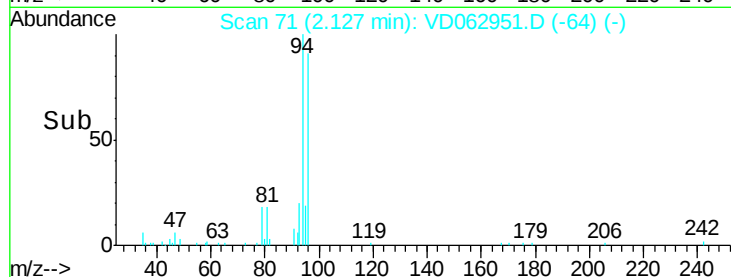
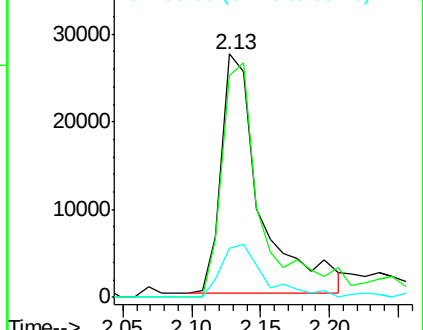
93 20.2 18.2 27.4



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 20.075 ug/l

RT: 2.25 min Scan# 83

Delta R.T. -0.02 min

Lab File: VD062951.D

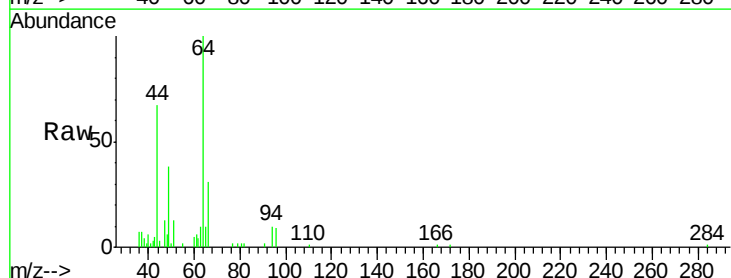
Acq: 28 Jun 2019 2:55

Tgt Ion: 64 Resp: 65549

Ion Ratio Lower Upper

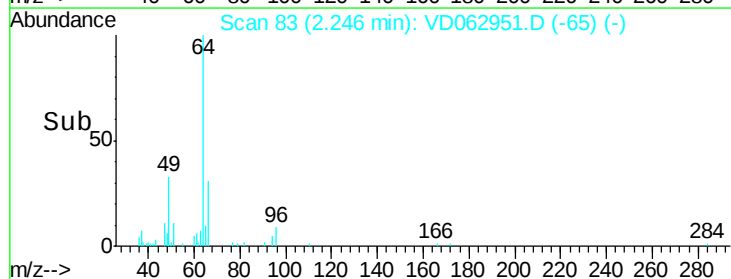
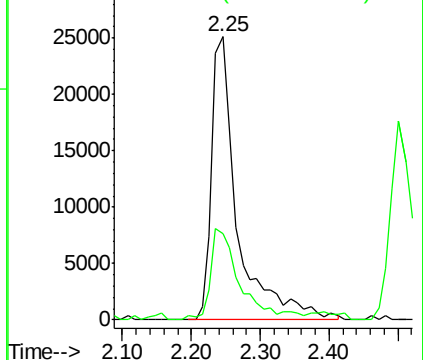
64 100

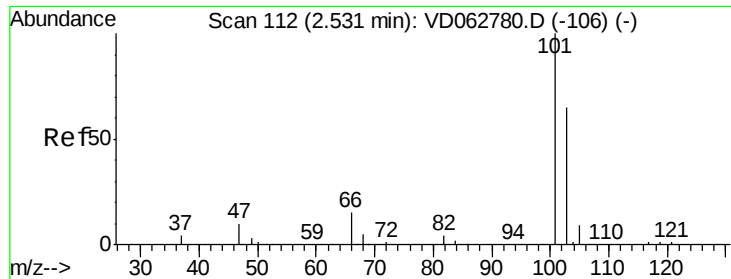
66 30.7 23.0 34.4



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



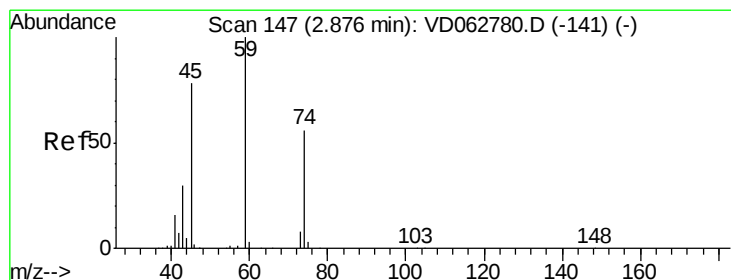
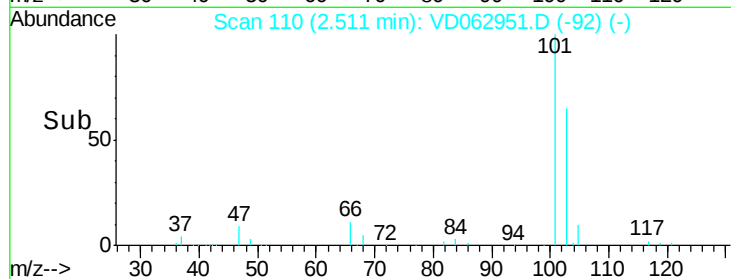
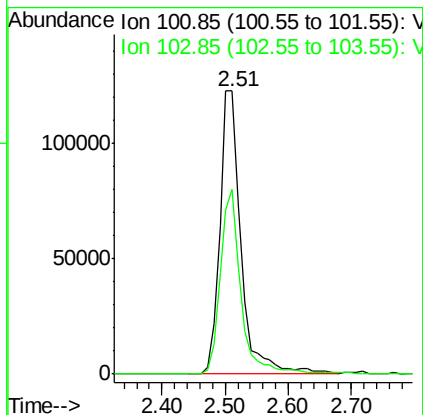
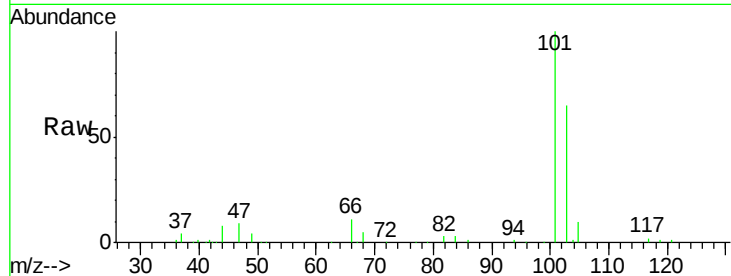


#7

Trichlorofluoromethane  
Concen: 19.890 ug/l  
RT: 2.51 min Scan# 110  
Delta R.T. -0.02 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

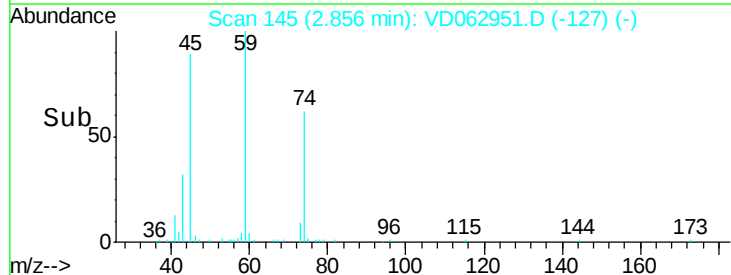
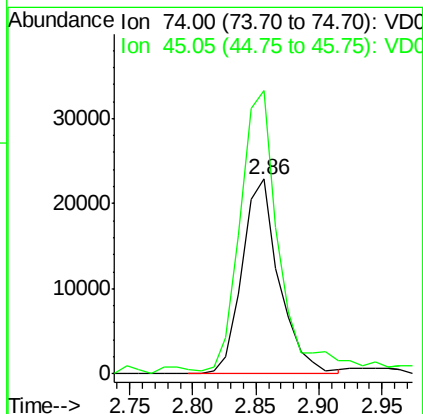
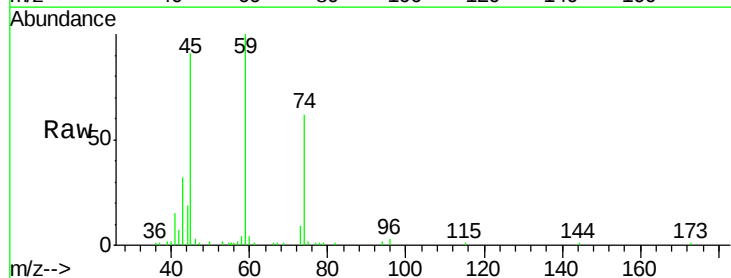
Tot Ion:101 Resp: 290322  
Ion Ratio Lower Upper  
101 100  
103 65.4 51.8 77.8

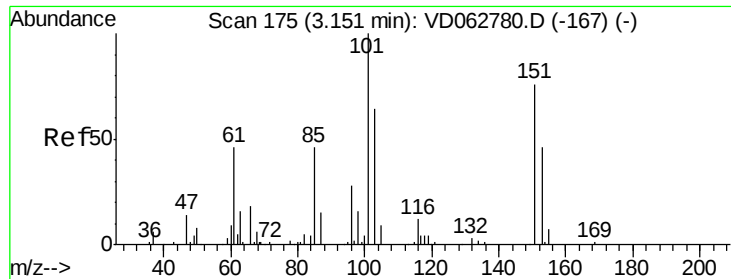


#8

Diethyl Ether  
Concen: 25.187 ug/l  
RT: 2.86 min Scan# 145  
Delta R.T. -0.02 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion: 74 Resp: 46711  
Ion Ratio Lower Upper  
74 100  
45 145.6 70.2 210.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.402 ug/l

RT: 3.12 min Scan# 172

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD03

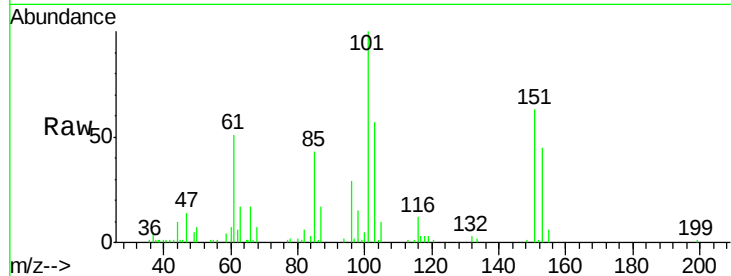
Tot Ion:101 Resp: 153425

Ion Ratio Lower Upper

101 100

85 42.7 37.0 55.4

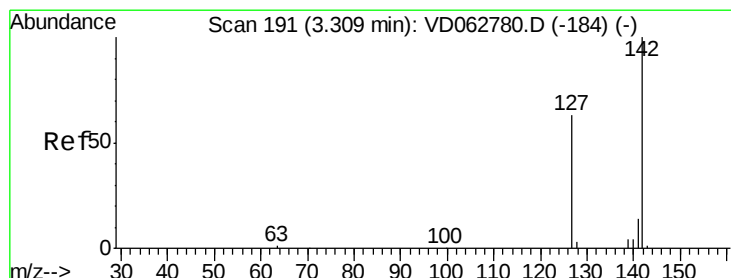
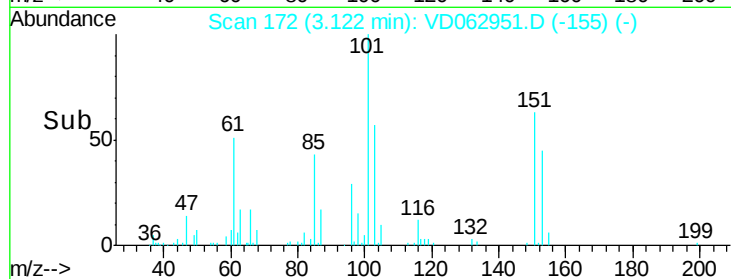
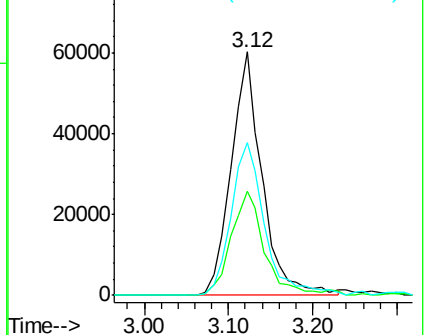
151 62.7 60.5 90.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 19.784 ug/l

RT: 3.28 min Scan# 188

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

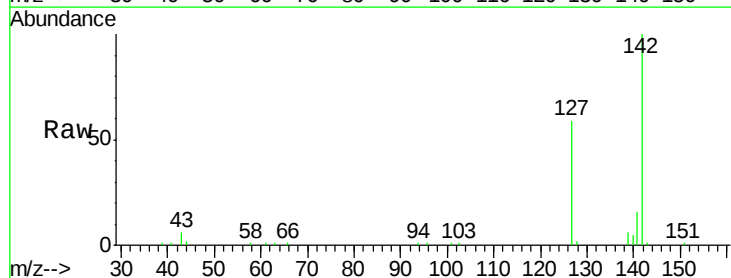
Tgt Ion:142 Resp: 206392

Ion Ratio Lower Upper

142 100

127 58.8 50.1 75.1

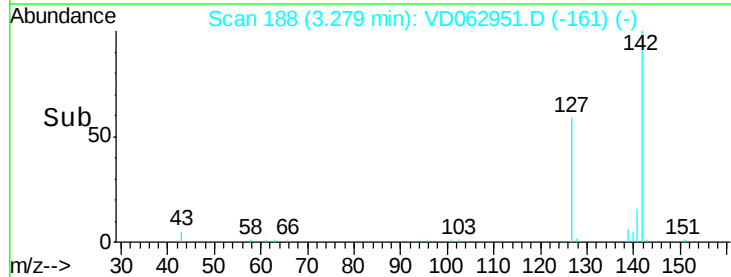
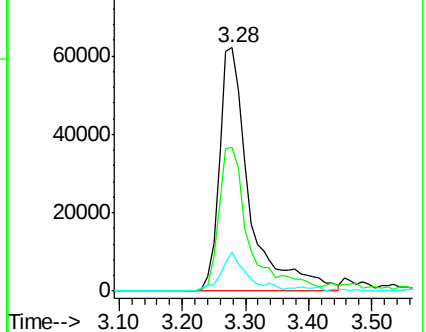
141 16.0 11.0 16.4

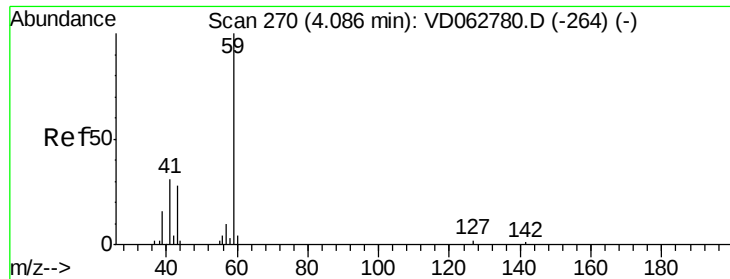


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



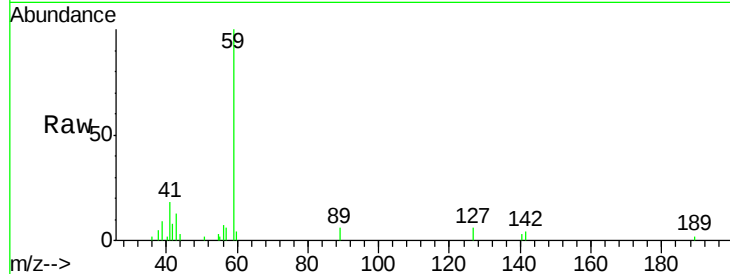


#11

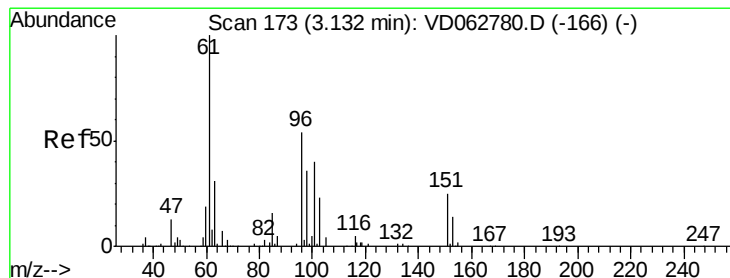
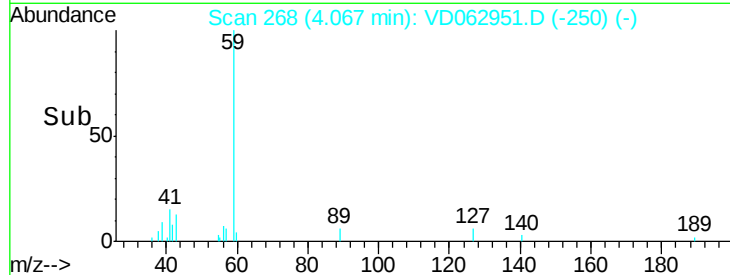
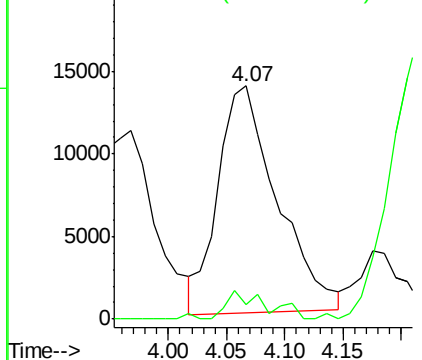
Tert butyl alcohol  
 Concen: 130.739 ug/l  
 RT: 4.07 min Scan# 268  
 Delta R.T. -0.02 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD03

Tot Ion: 59 Resp: 48378  
 Ion Ratio Lower Upper  
 59 100  
 57 6.5 6.6 10.0#



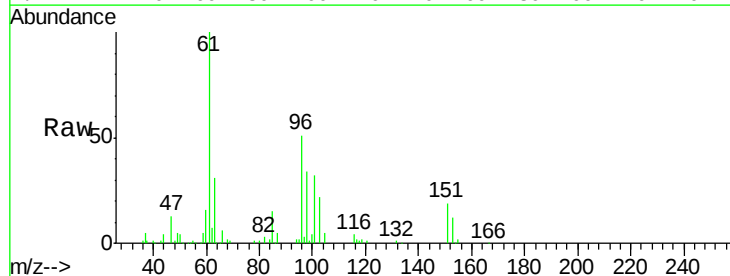
Abundance Ion 58.95 (58.65 to 59.65): VDC  
 Ion 56.95 (56.65 to 57.65): VDC



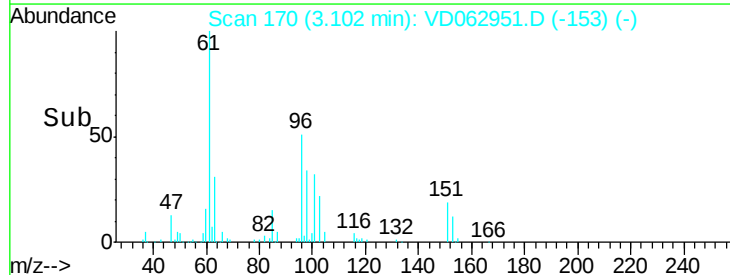
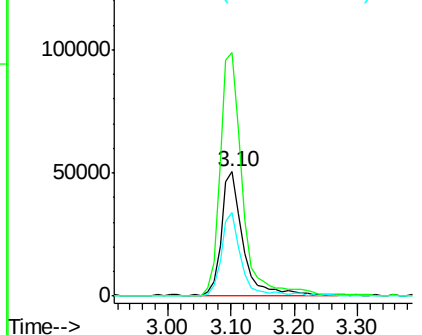
#12

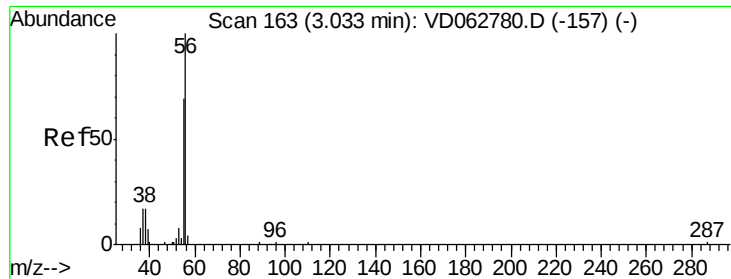
1,1-Dichloroethene  
 Concen: 19.784 ug/l  
 RT: 3.10 min Scan# 170  
 Delta R.T. -0.03 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

Tgt Ion: 96 Resp: 117360  
 Ion Ratio Lower Upper  
 96 100  
 61 195.7 147.1 220.7  
 98 66.8 52.6 79.0



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





#13

Acrolein

Concen: 73.954 ug/l

RT: 3.01 min Scan# 161

Delta R.T. -0.02 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

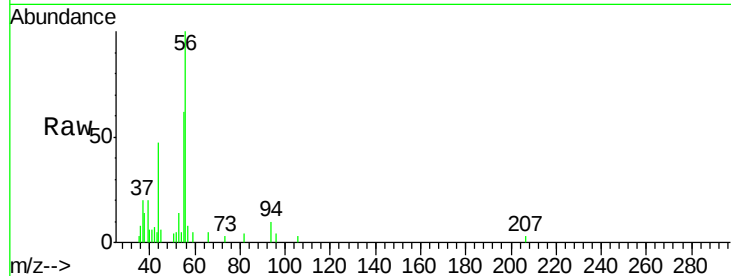
VD0627SBSD03

Tot Ion: 56 Resp: 27937

Ion Ratio Lower Upper

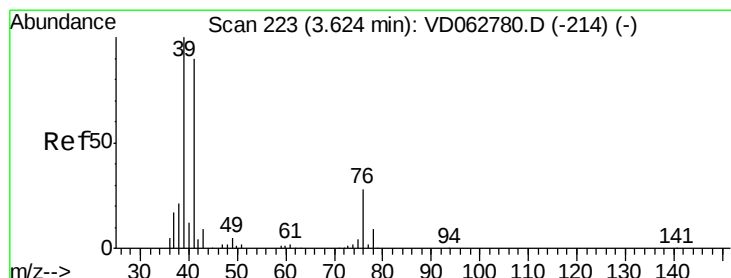
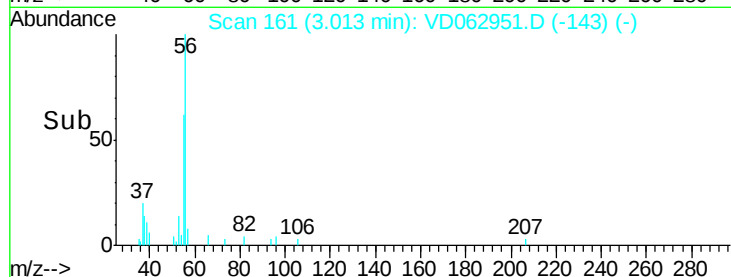
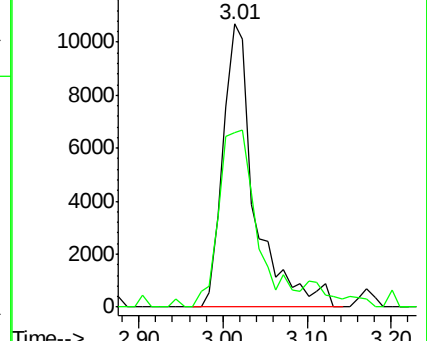
56 100

55 61.6 55.4 83.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.663 ug/l

RT: 3.59 min Scan# 220

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

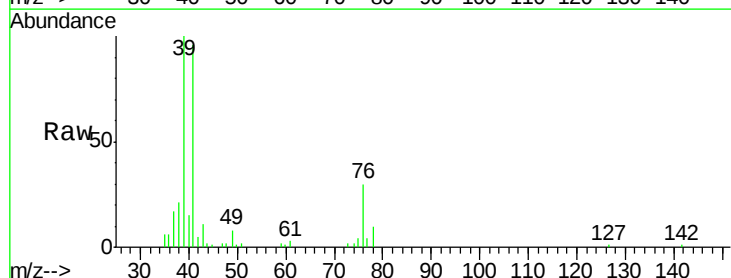
Tgt Ion: 41 Resp: 189880

Ion Ratio Lower Upper

41 100

39 104.1 88.8 133.2

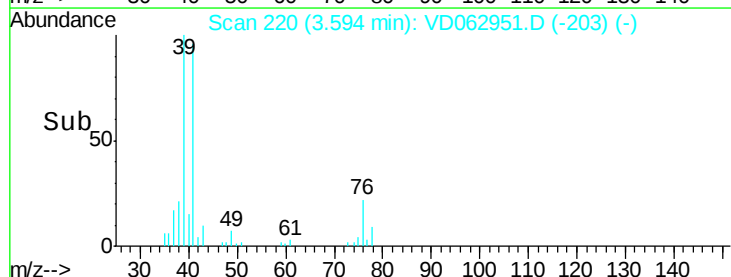
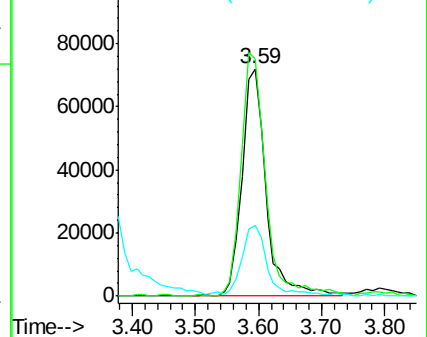
76 31.4 26.7 40.1

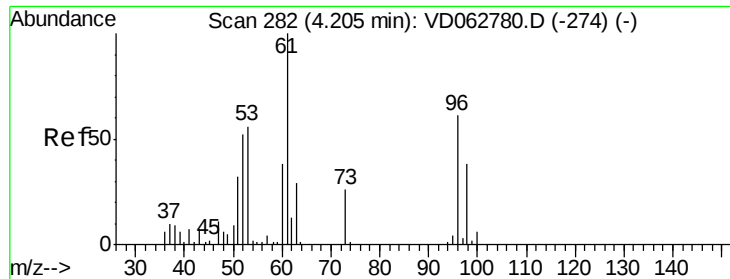


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 132.248 ug/l

RT: 4.18 min Scan# 279

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD03

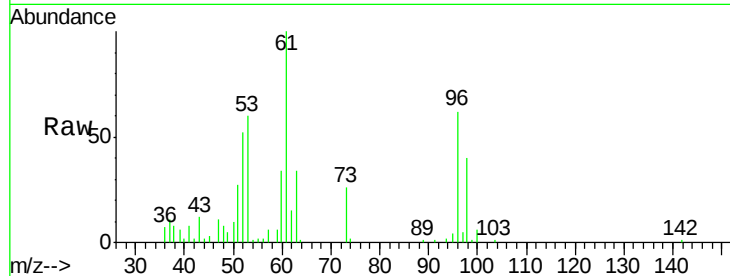
Tot Ion: 53 Resp: 114987

Ion Ratio Lower Upper

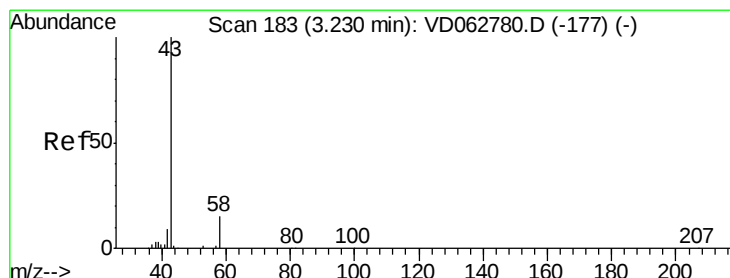
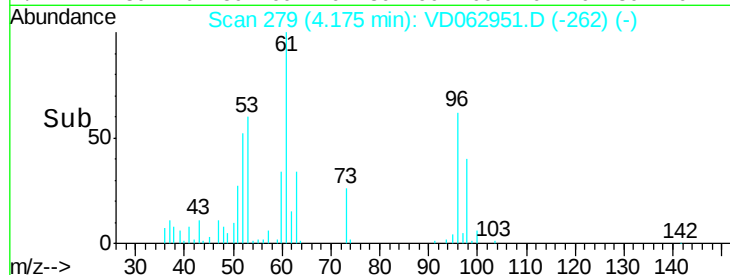
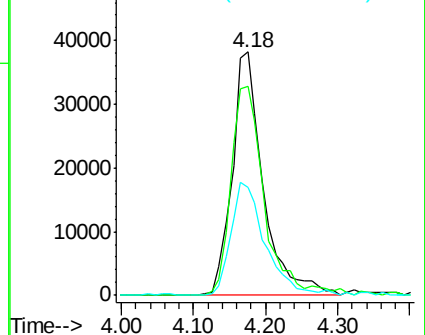
53 100

52 86.0 73.3 109.9

51 44.4 44.8 67.2#



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



#16

Acetone

Concen: 102.833 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062951.D

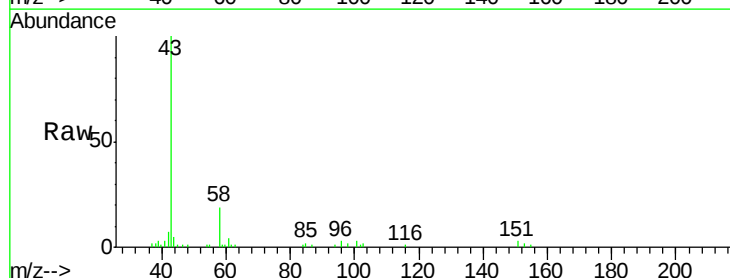
Acq: 28 Jun 2019 2:55

Tgt Ion: 43 Resp: 176213

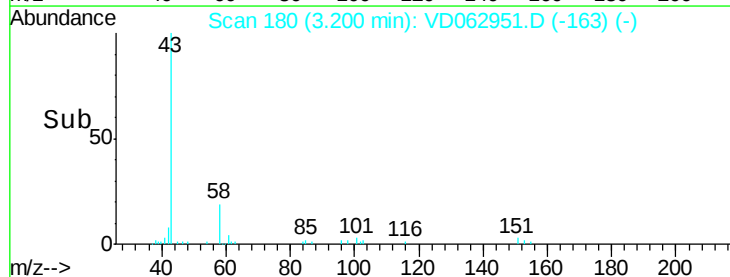
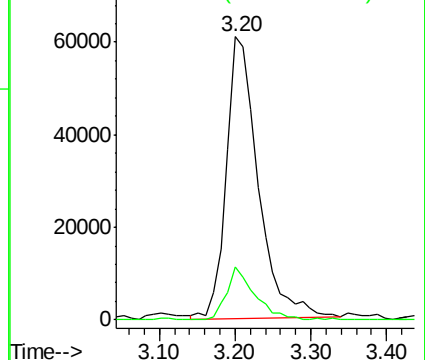
Ion Ratio Lower Upper

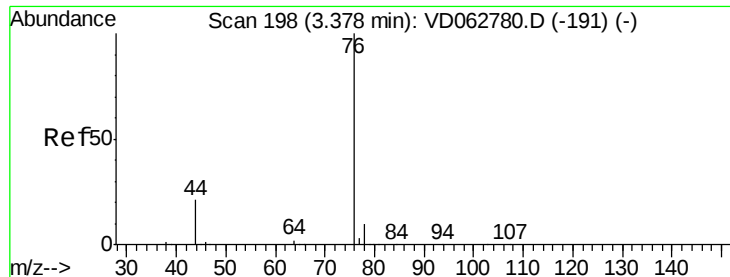
43 100

58 18.9 11.9 17.9#



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

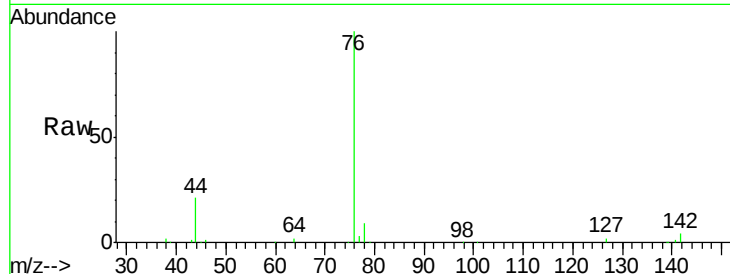




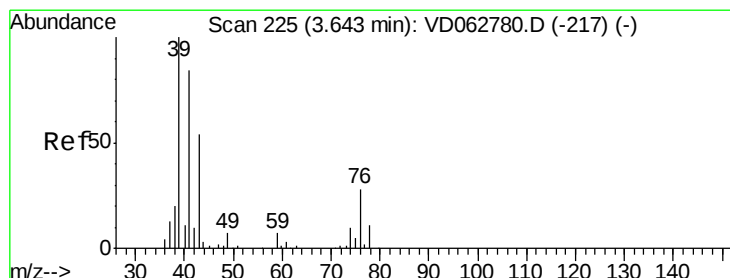
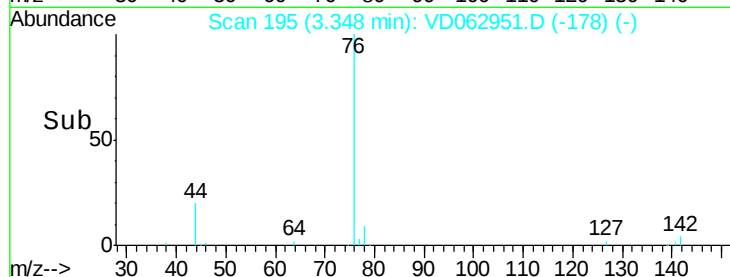
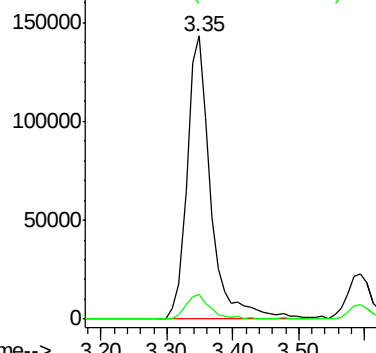
#17  
Carbon Disulfide  
Concen: 18.777 ug/l  
RT: 3.35 min Scan# 195  
Delta R.T. -0.03 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

Tot Ion: 76 Resp: 355988  
Ion Ratio Lower Upper  
76 100  
78 8.7 8.0 12.0

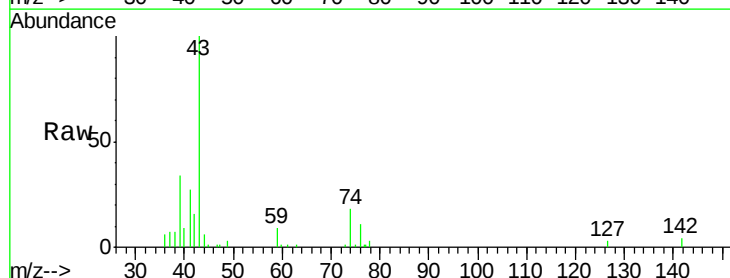


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

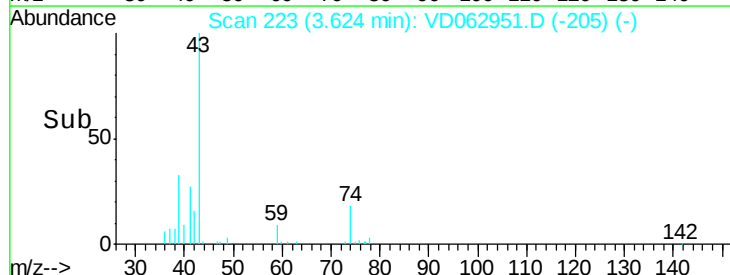
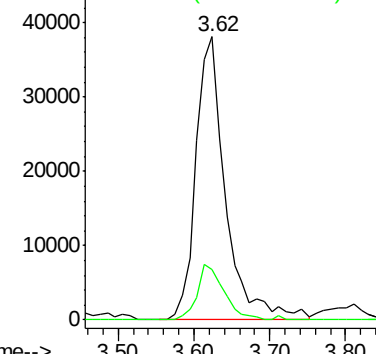


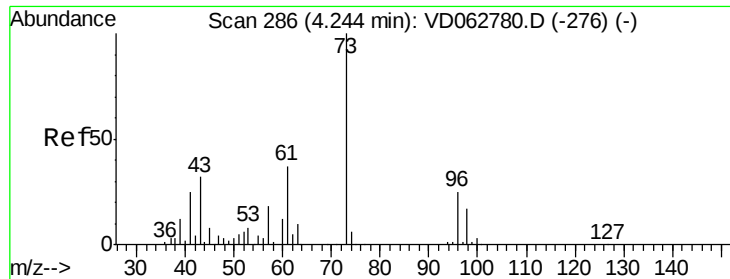
#18  
Methyl Acetate  
Concen: 42.112 ug/l  
RT: 3.62 min Scan# 223  
Delta R.T. -0.02 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion: 43 Resp: 103284  
Ion Ratio Lower Upper  
43 100  
74 17.8 15.2 22.8



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



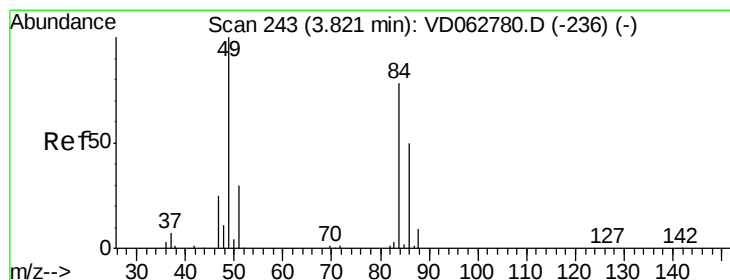
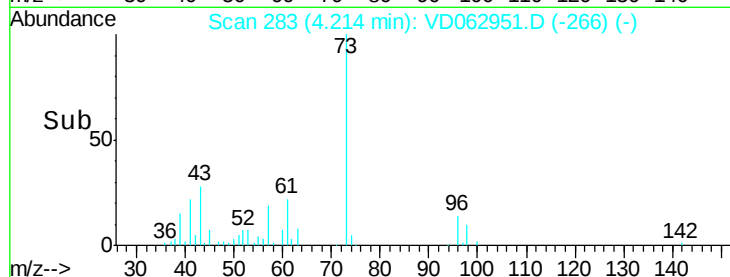
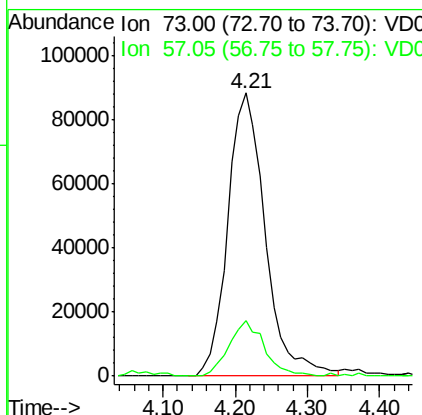
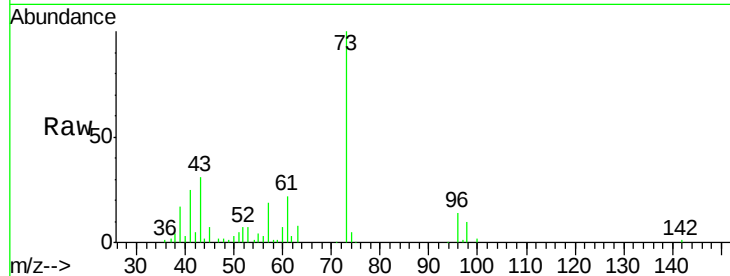


#19

Methyl tert-butyl Ether  
 Concen: 24.915 ug/l  
 RT: 4.21 min Scan# 283  
 Delta R.T. -0.03 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0627SBSD03

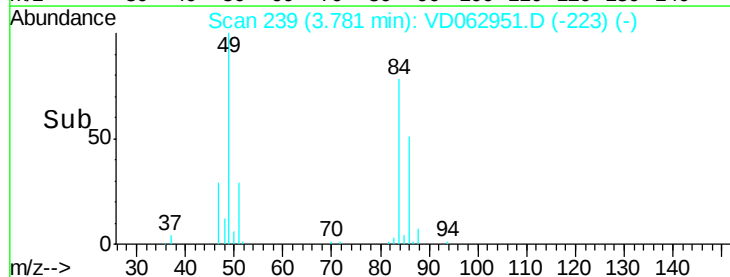
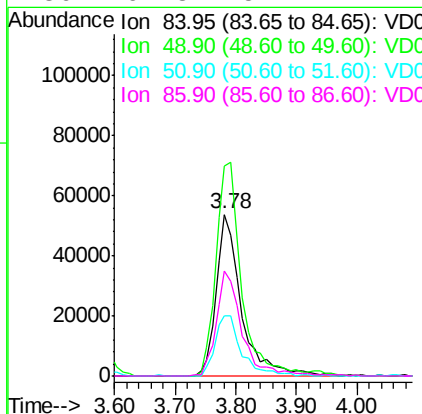
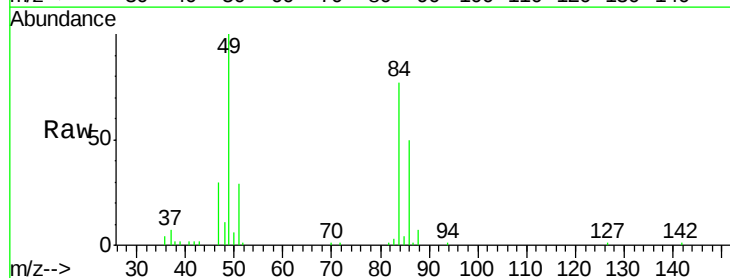
Tot Ion: 73 Resp: 319955  
 Ion Ratio Lower Upper  
 73 100  
 57 19.4 14.3 21.5

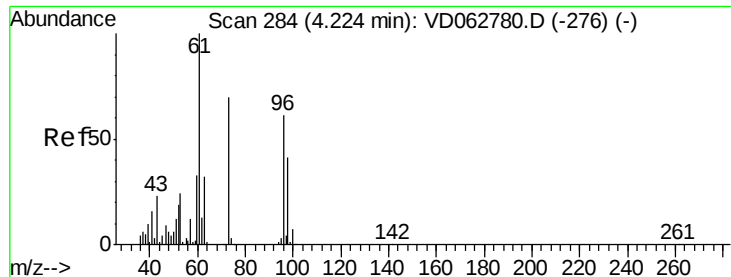


#20

Methylene Chloride  
 Concen: 25.117 ug/l  
 RT: 3.78 min Scan# 239  
 Delta R.T. -0.04 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

Tgt Ion: 84 Resp: 155633  
 Ion Ratio Lower Upper  
 84 100  
 49 130.0 102.9 154.3  
 51 37.1 31.2 46.8  
 86 64.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 21.650 ug/l

RT: 4.18 min Scan# 280

Delta R.T. -0.04 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD03

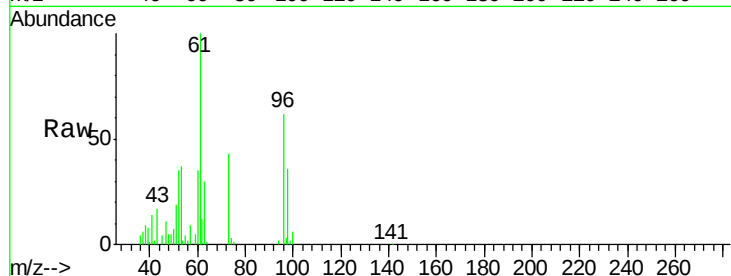
Tot Ion: 96 Resp: 136747

Ion Ratio Lower Upper

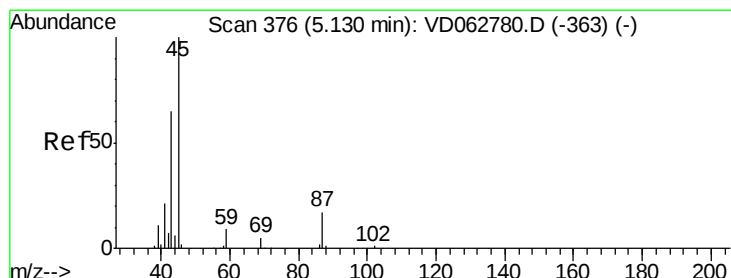
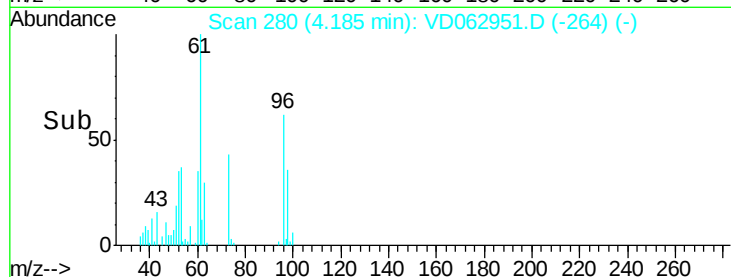
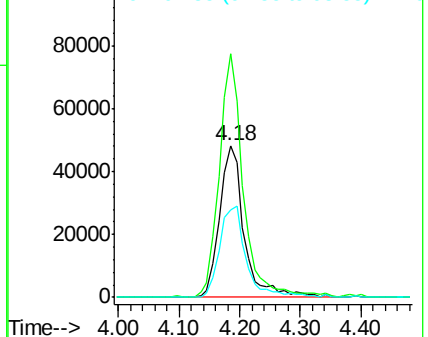
96 100

61 160.5 131.0 196.4

98 57.8 53.2 79.8



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: 23.729 ug/l

RT: 5.09 min Scan# 372

Delta R.T. -0.04 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Tgt Ion: 45 Resp: 422970

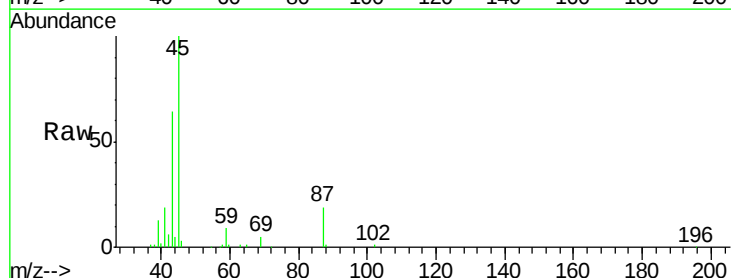
Ion Ratio Lower Upper

45 100

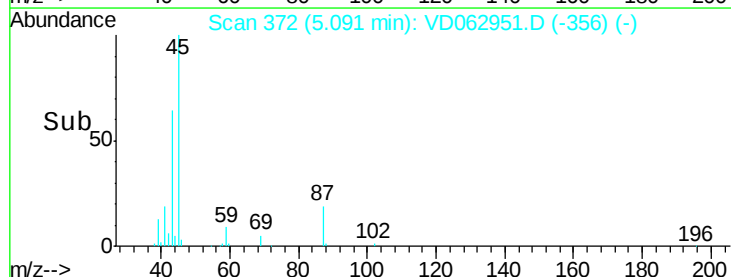
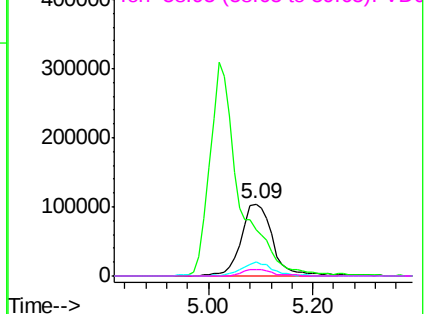
43 63.9 53.4 80.0

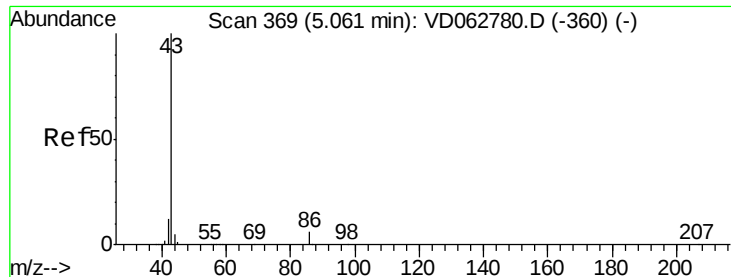
87 18.8 14.6 22.0

59 9.2 7.8 11.8



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: 108.463 ug/l

RT: 5.02 min Scan# 365

Delta R.T. -0.04 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

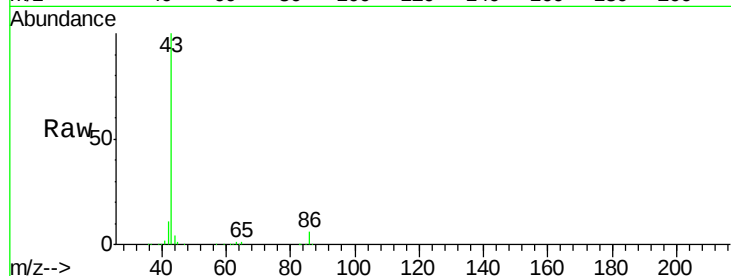
VD0627SBS03

Tot Ion: 43 Resp: 1209801

Ion Ratio Lower Upper

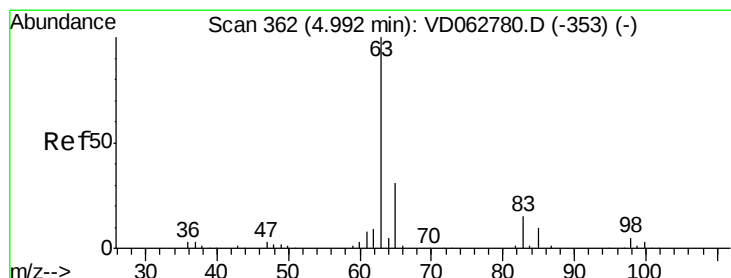
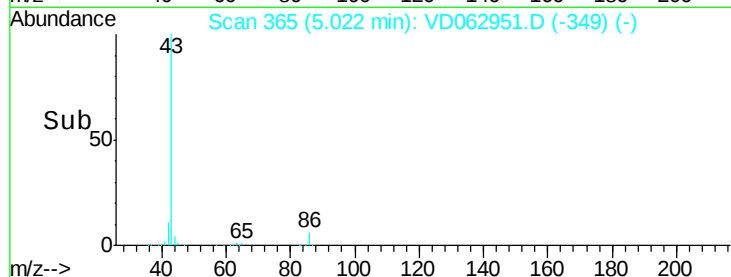
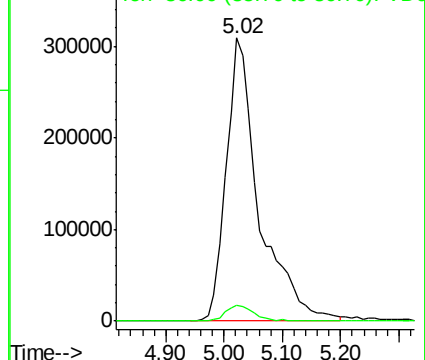
43 100

86 5.6 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.163 ug/l

RT: 4.95 min Scan# 358

Delta R.T. -0.04 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

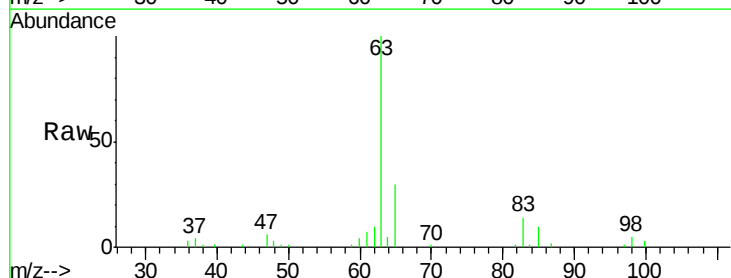
Tgt Ion: 63 Resp: 257214

Ion Ratio Lower Upper

63 100

98 5.3 2.3 6.9

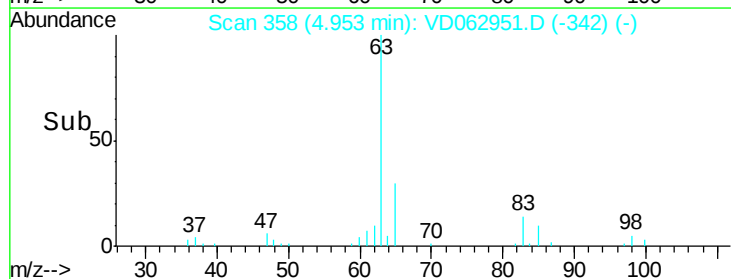
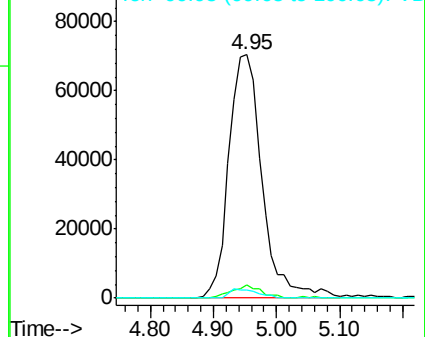
100 3.1 1.7 5.1

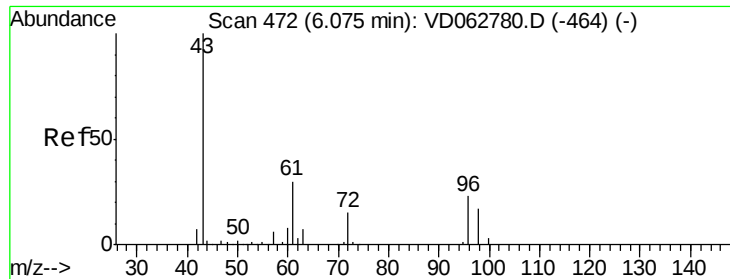


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 119.541 ug/l

RT: 6.05 min Scan# 469

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

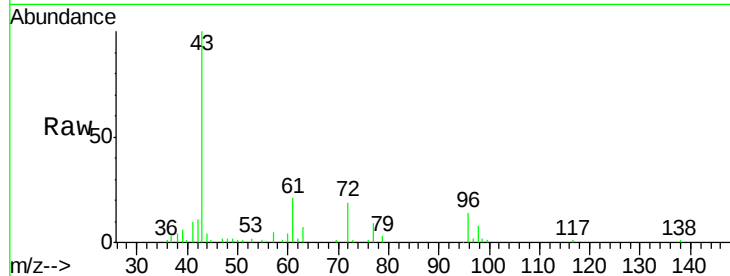
VD0627SBSD03

Tot Ion: 43 Resp: 181649

Ion Ratio Lower Upper

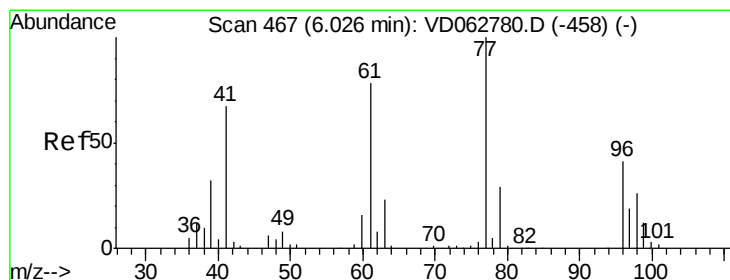
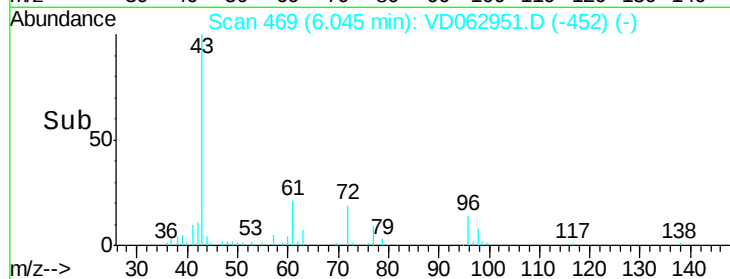
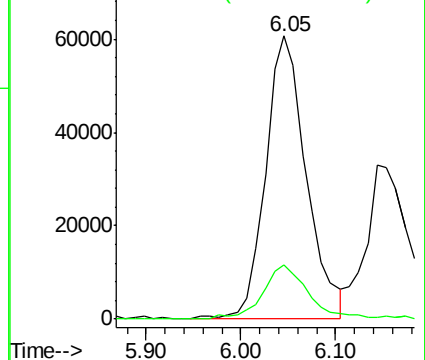
43 100

72 19.3 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 17.795 ug/l

RT: 6.00 min Scan# 464

Delta R.T. -0.03 min

Lab File: VD062951.D

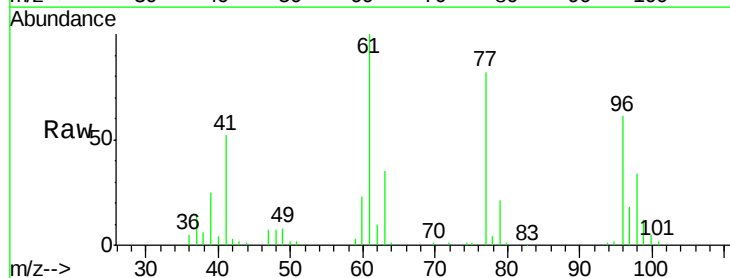
Acq: 28 Jun 2019 2:55

Tgt Ion: 77 Resp: 218903

Ion Ratio Lower Upper

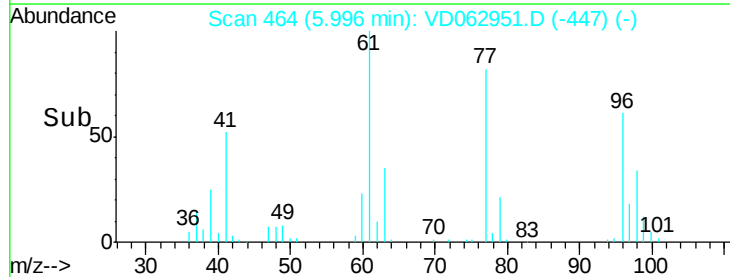
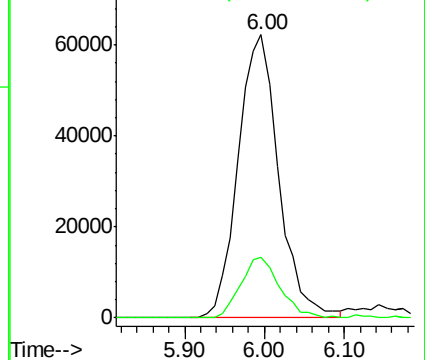
77 100

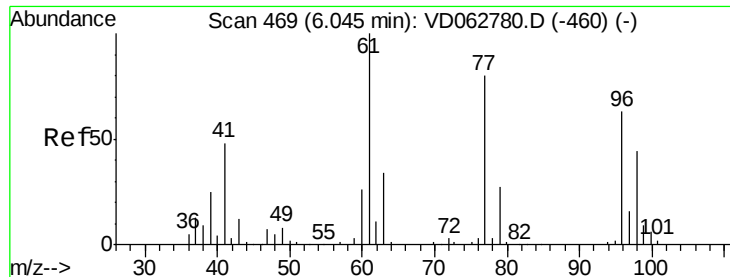
97 21.4 9.5 28.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



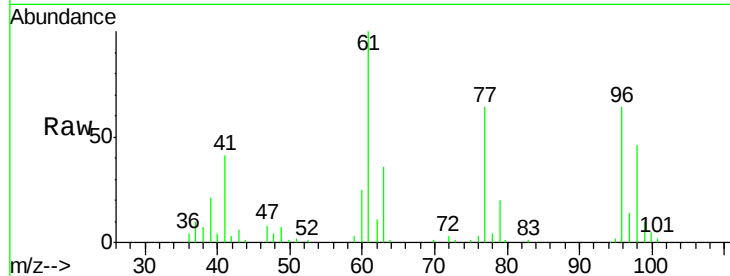


#27

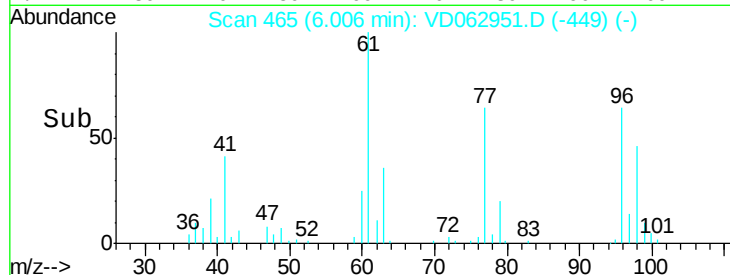
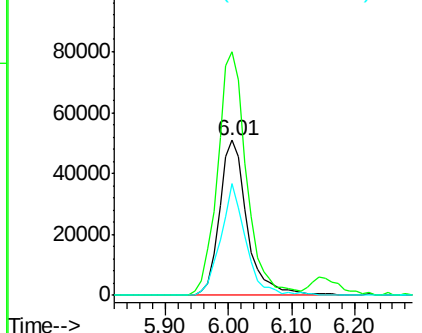
cis-1,2-Dichloroethene  
Concen: 23.258 ug/l  
RT: 6.01 min Scan# 465  
Delta R.T. -0.04 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

Tot Ion: 96 Resp: 155349  
Ion Ratio Lower Upper  
96 100  
61 157.1 0.0 316.0  
98 72.1 0.0 138.4



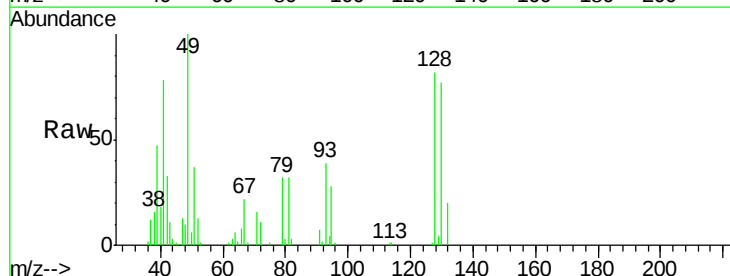
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



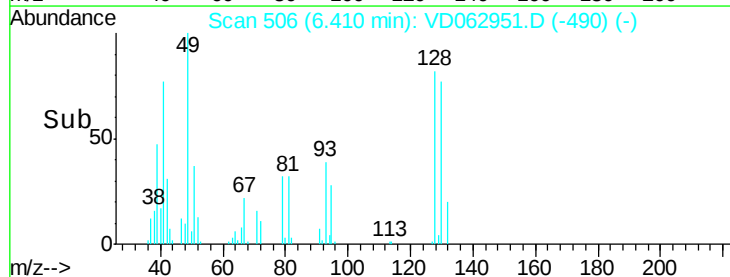
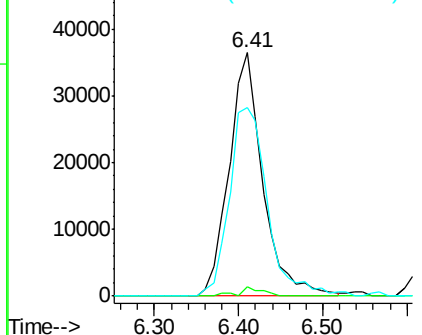
#28

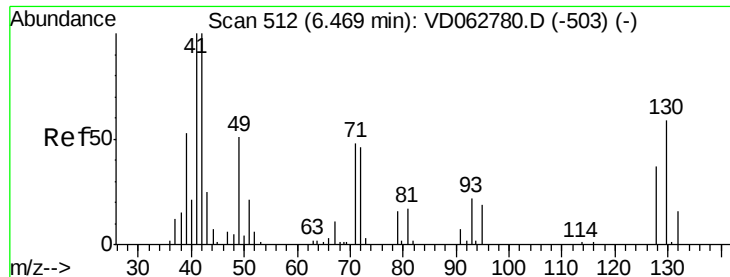
Bromochloromethane  
Concen: 24.859 ug/l  
RT: 6.41 min Scan# 506  
Delta R.T. -0.04 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion: 49 Resp: 101611  
Ion Ratio Lower Upper  
49 100  
129 4.0 0.0 5.6  
130 77.3 76.6 114.8



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





#29

Tetrahydrofuran

Concen: 140.518 ug/l

RT: 6.43 min Scan# 508

Delta R.T. -0.04 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBS03

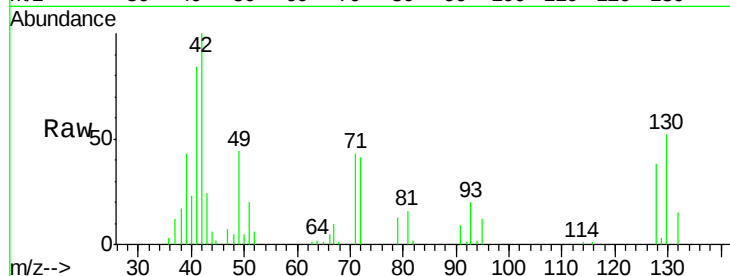
Tot Ion: 42 Resp: 101027

Ion Ratio Lower Upper

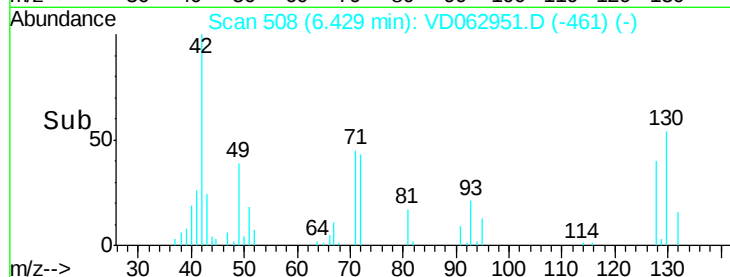
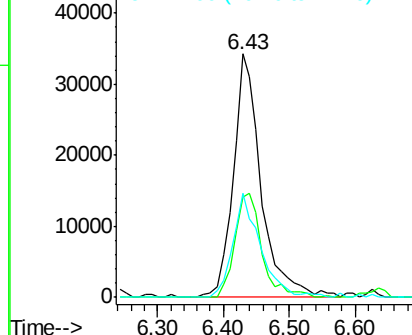
42 100

72 41.7 35.0 52.6

71 41.9 33.3 49.9



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



#30

Chloroform

Concen: 23.310 ug/l

RT: 6.64 min Scan# 529

Delta R.T. -0.04 min

Lab File: VD062951.D

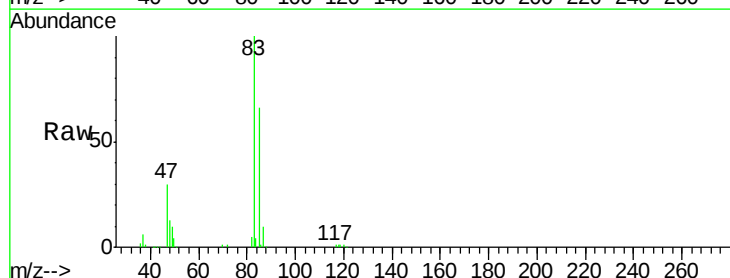
Acq: 28 Jun 2019 2:55

Tgt Ion: 83 Resp: 329001

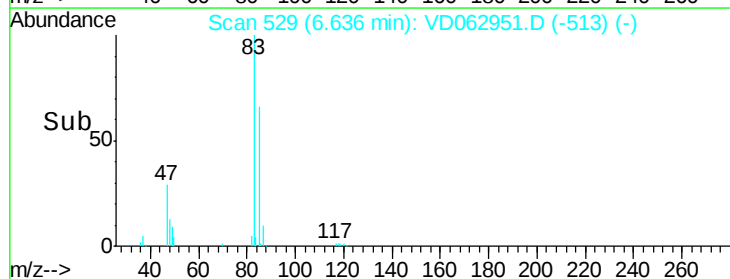
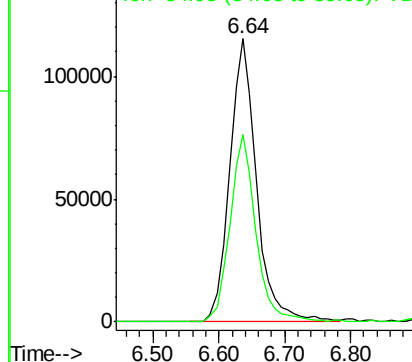
Ion Ratio Lower Upper

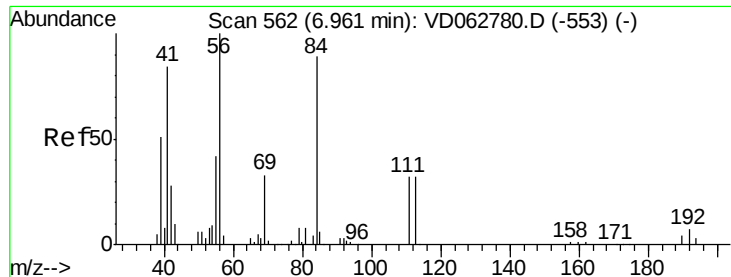
83 100

85 66.3 49.8 74.6



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

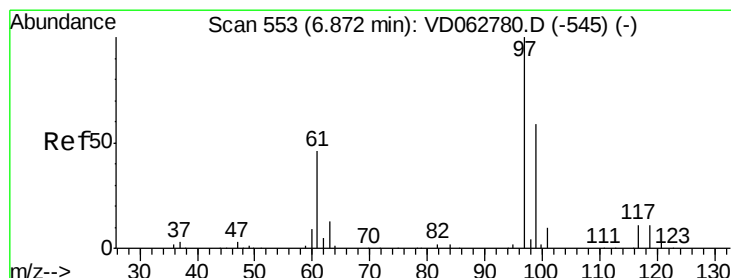
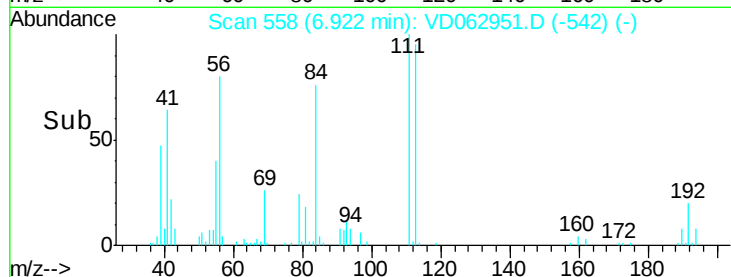
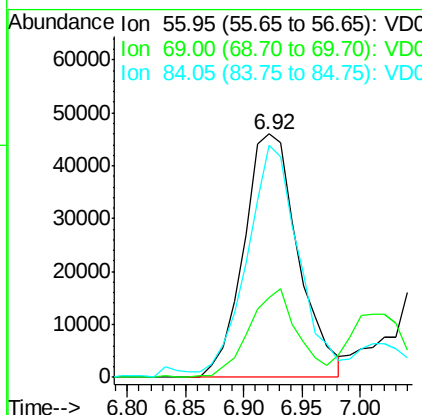
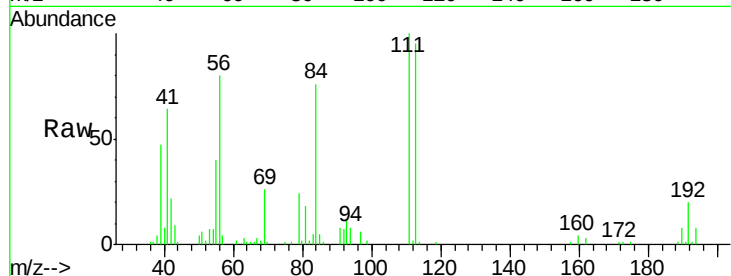




#31  
Cvclohexane  
Concen: 19.453 ug/l  
RT: 6.92 min Scan# 558  
Delta R.T. -0.04 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

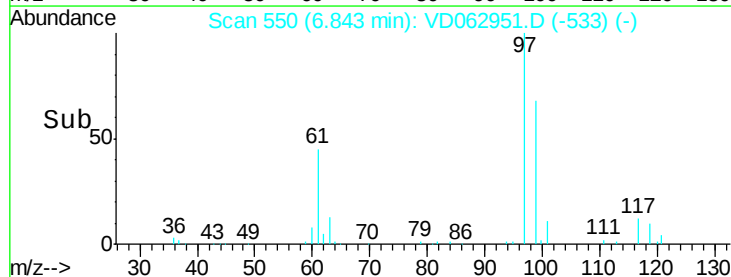
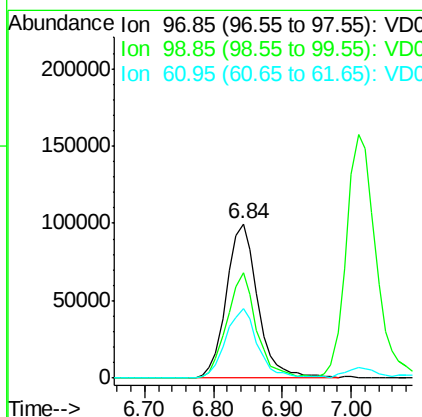
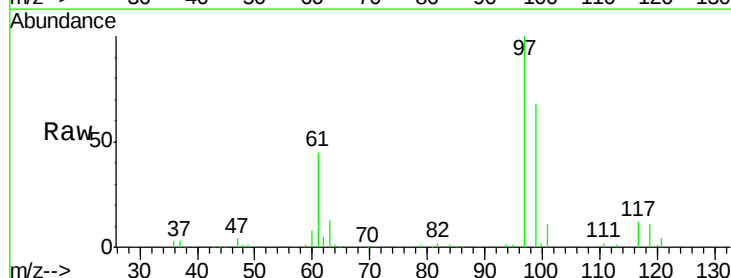
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

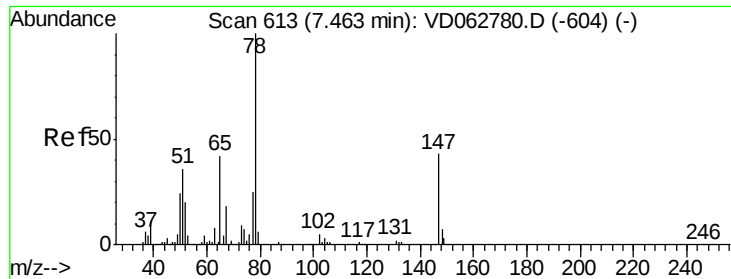
Tot Ion: 56 Resp: 148415  
Ion Ratio Lower Upper  
56 100  
69 32.7 26.6 39.8  
84 95.3 75.5 113.3



#32  
1,1,1-Trichloroethane  
Concen: 21.425 ug/l  
RT: 6.84 min Scan# 550  
Delta R.T. -0.03 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion: 97 Resp: 314972  
Ion Ratio Lower Upper  
97 100  
99 68.3 47.4 71.2  
61 44.7 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 56.562 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

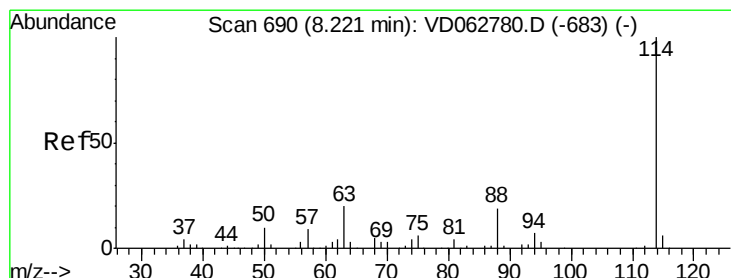
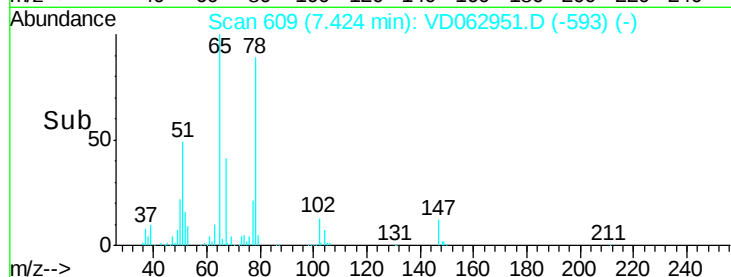
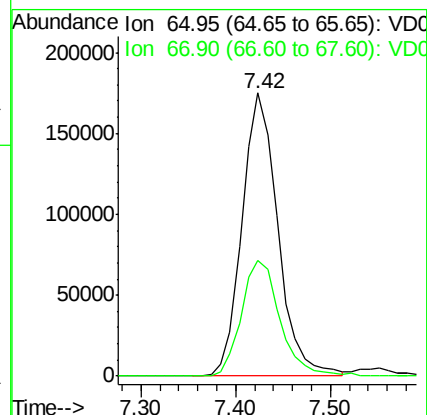
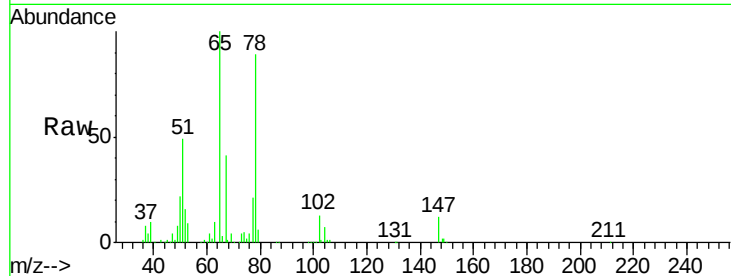
VD0627SBSD03

Tot Ion: 65 Resp: 459549

Ion Ratio Lower Upper

65 100

67 40.9 0.0 87.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

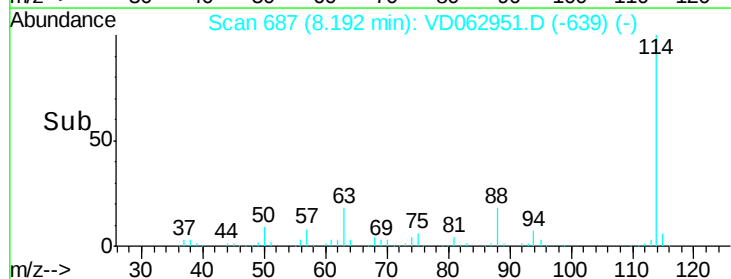
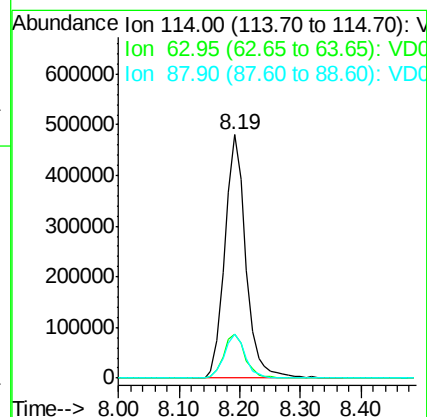
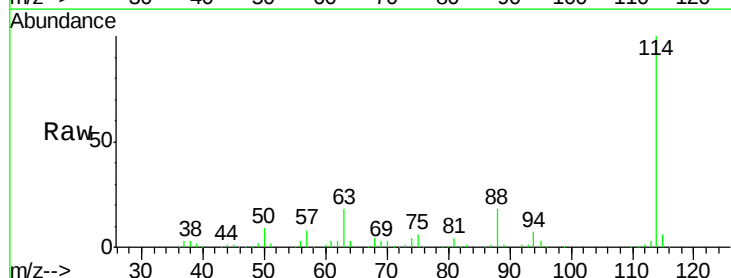
Tgt Ion: 114 Resp: 1154846

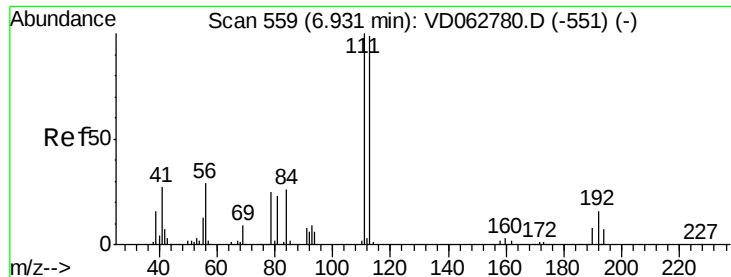
Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

88 18.0 0.0 38.8

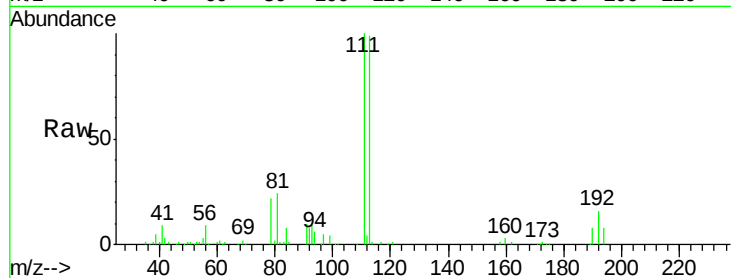




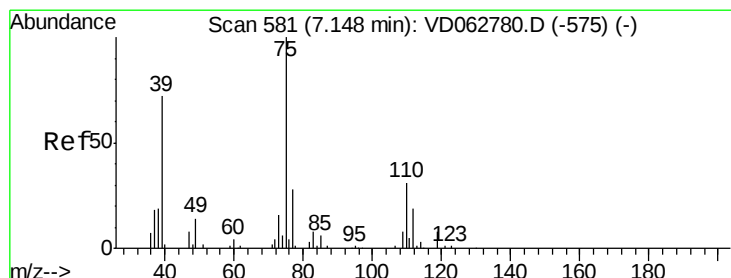
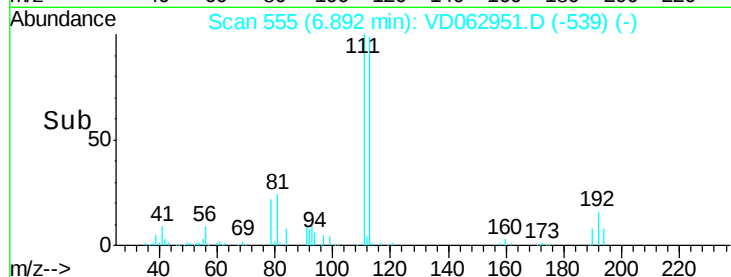
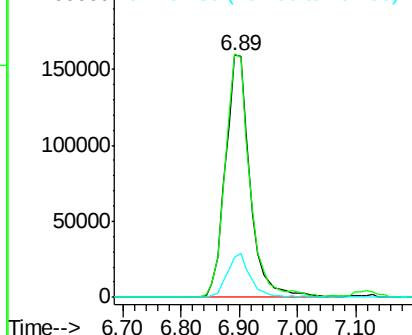
#35  
Dibromofluoromethane  
Concen: 47.775 ug/l  
RT: 6.89 min Scan# 555  
Delta R.T. -0.04 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

Tot Ion:113 Resp: 465210  
Ion Ratio Lower Upper  
113 100  
111 100.6 81.2 121.8  
192 16.5 12.9 19.3

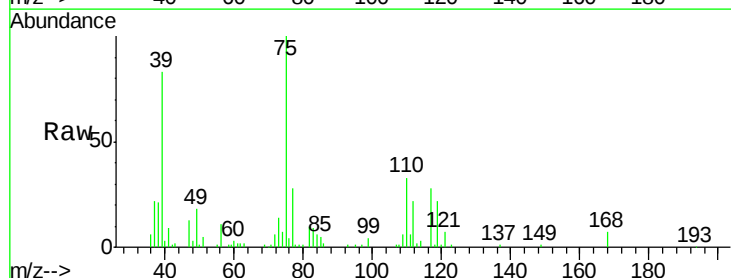


Abundance Ion 112.90 (112.60 to 113.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 191.80 (191.50 to 192.50): V

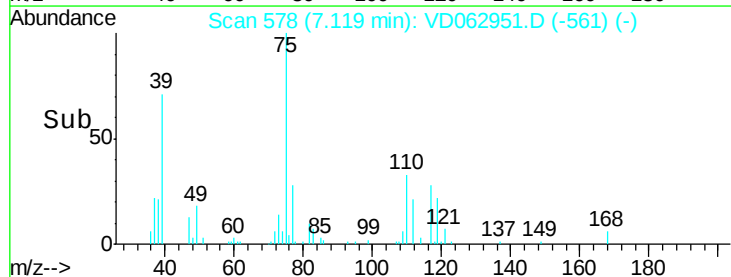
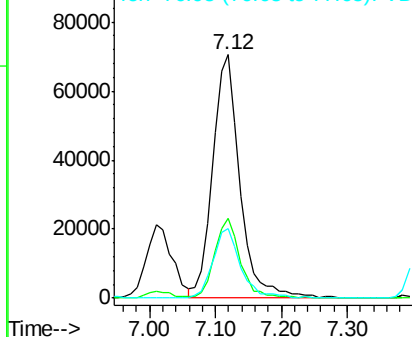


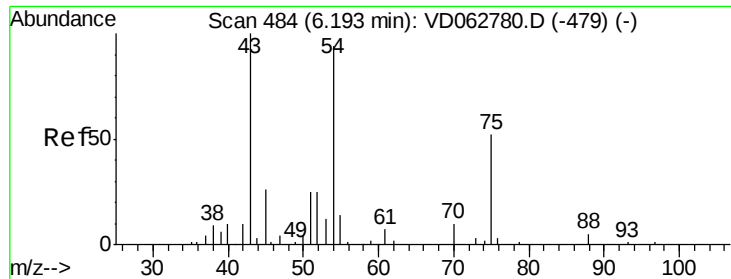
#36  
1,1-Dichloropropene  
Concen: 18.391 ug/l  
RT: 7.12 min Scan# 578  
Delta R.T. -0.03 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion: 75 Resp: 201060  
Ion Ratio Lower Upper  
75 100  
110 32.8 15.0 45.1  
77 28.4 22.2 33.2



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

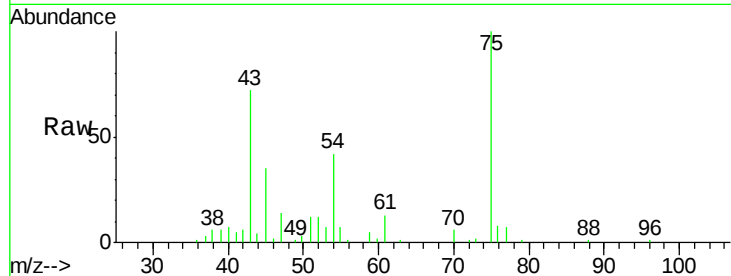




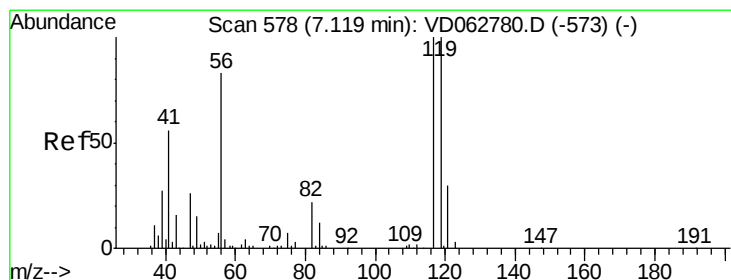
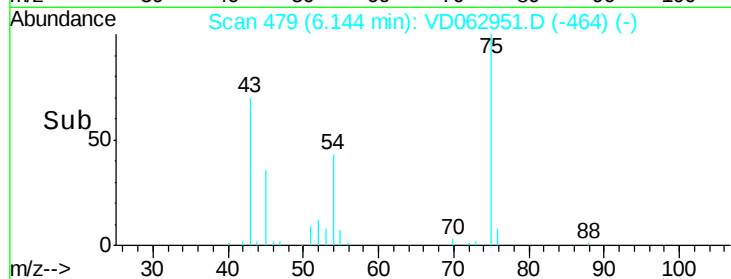
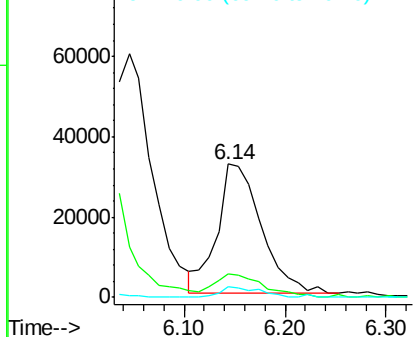
#37  
Ethyl Acetate  
Concen: 20.695 ug/l  
RT: 6.14 min Scan# 479  
Delta R.T. -0.05 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Instrument :  
MSVOA\_D  
ClientSampleID :  
VD0627SBSD03

Tot Ion: 43 Resp: 98003  
Ion Ratio Lower Upper  
43 100  
61 17.6 11.6 17.4#  
70 7.7 6.4 9.6

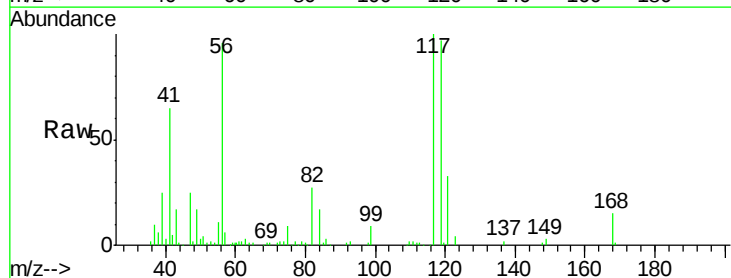


Abundance Ion 42.95 (42.65 to 43.65): VD062780.D (-479) (-)  
Ion 60.95 (60.65 to 61.65): VD062780.D (-479) (-)  
Ion 70.00 (69.70 to 70.70): VD062780.D (-479) (-)

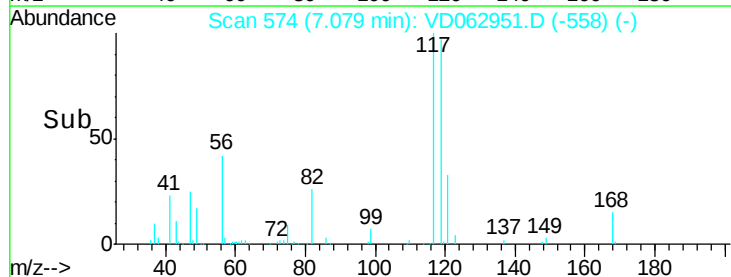
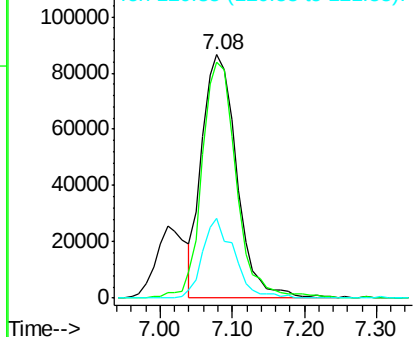


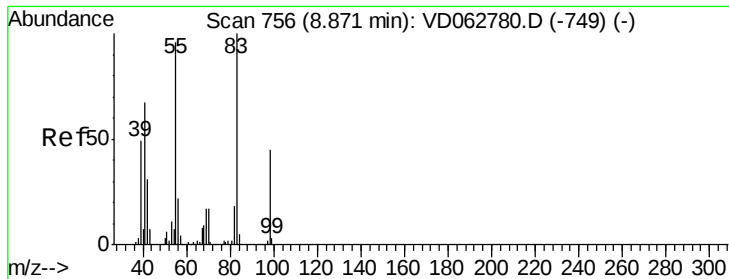
#38  
Carbon Tetrachloride  
Concen: 17.589 ug/l  
RT: 7.08 min Scan# 574  
Delta R.T. -0.04 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion: 117 Resp: 289187  
Ion Ratio Lower Upper  
117 100  
119 97.0 75.4 113.2  
121 32.9 22.3 33.5



Abundance Ion 116.85 (116.55 to 117.55): VD062780.D (-573) (-)  
Ion 118.85 (118.55 to 119.55): VD062780.D (-573) (-)  
Ion 120.85 (120.55 to 121.55): VD062780.D (-573) (-)

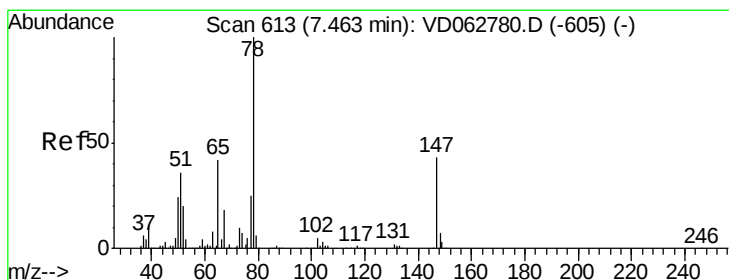
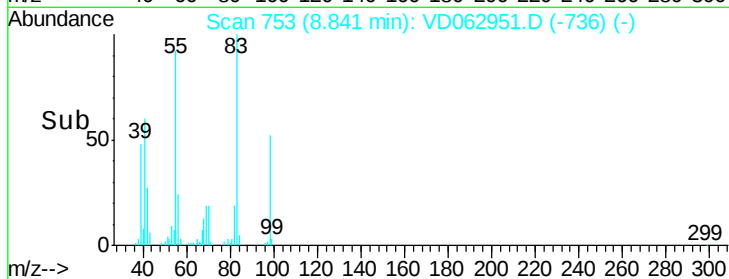
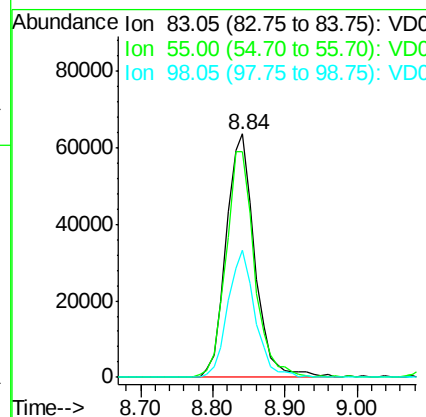
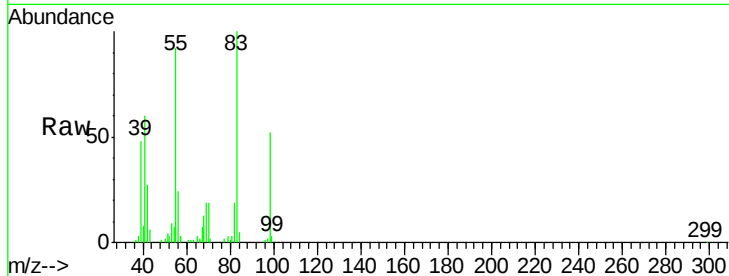




#39  
Methvlcvclohexane  
Concen: 18.082 ug/l  
RT: 8.84 min Scan# 753  
Delta R.T. -0.03 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

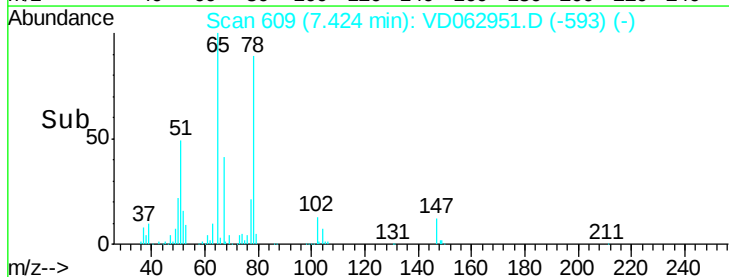
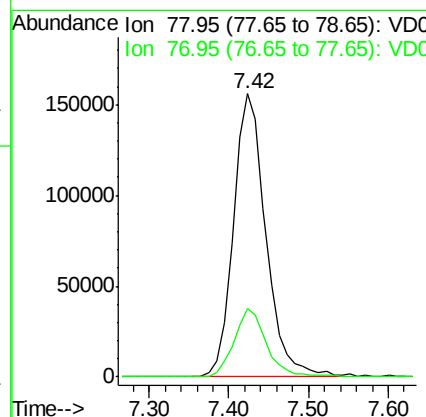
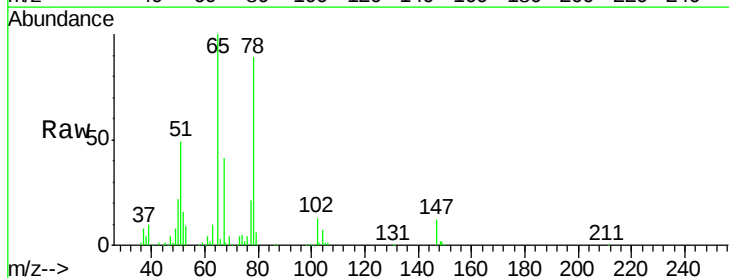
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

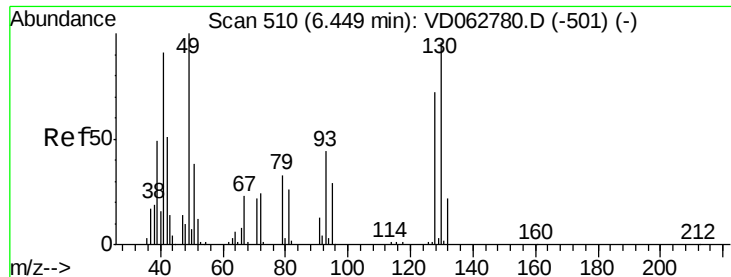
Tot Ion: 83 Resp: 174001  
Ion Ratio Lower Upper  
83 100  
55 92.5 76.6 115.0  
98 52.1 35.7 53.5



#40  
Benzene  
Concen: 20.069 ug/l  
RT: 7.42 min Scan# 609  
Delta R.T. -0.04 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion: 78 Resp: 440412  
Ion Ratio Lower Upper  
78 100  
77 24.0 20.2 30.2





#41

Methacrylonitrile

Concen: 22.532 ug/l

RT: 6.42 min Scan# 507

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD03

Tot Ion: 41 Resp: 129902

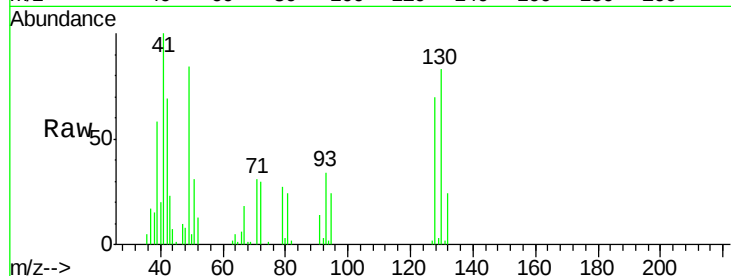
Ion Ratio Lower Upper

41 100

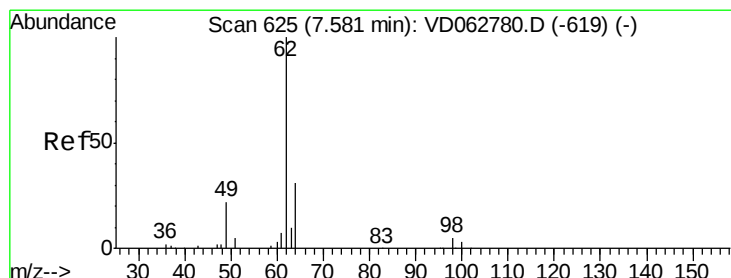
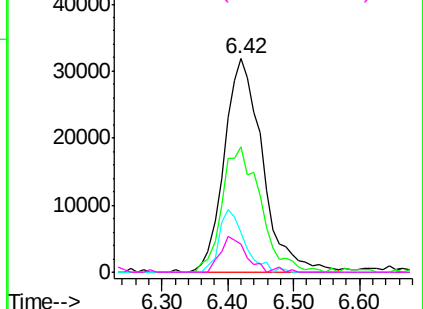
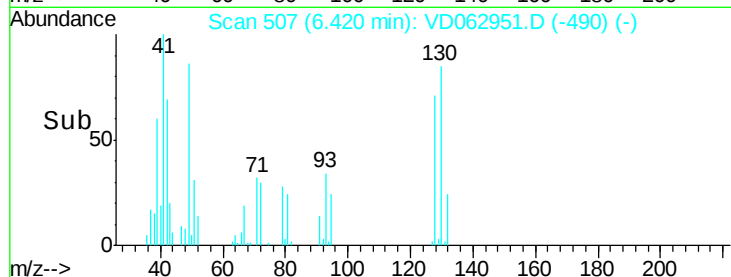
39 58.5 43.2 64.8

67 18.4 19.9 29.9#

52 13.3 10.2 15.4



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: 21.223 ug/l

RT: 7.55 min Scan# 622

Delta R.T. -0.03 min

Lab File: VD062951.D

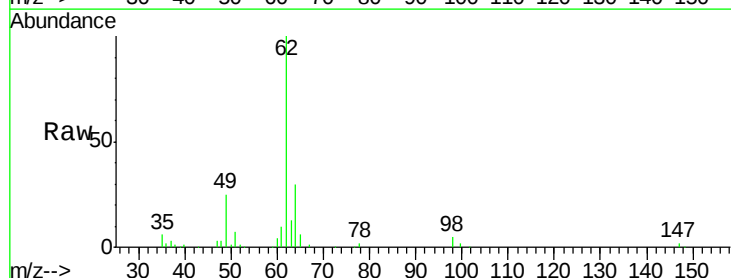
Acq: 28 Jun 2019 2:55

Tgt Ion: 62 Resp: 254067

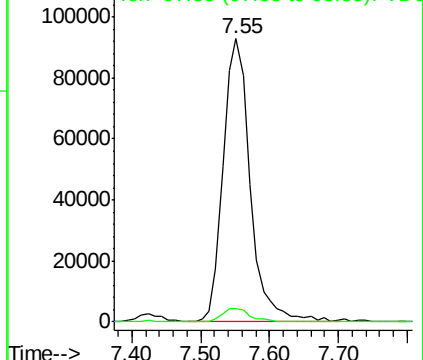
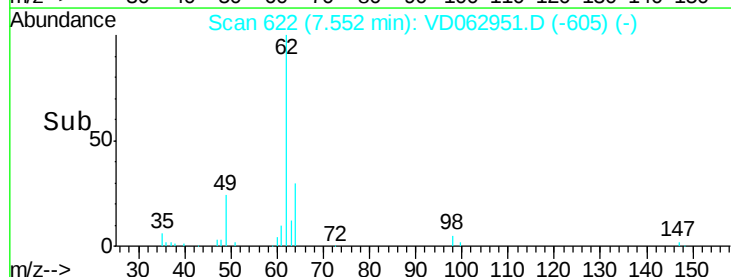
Ion Ratio Lower Upper

62 100

98 4.9 0.0 10.0



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



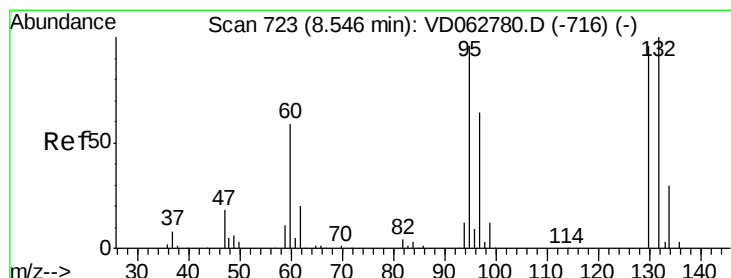
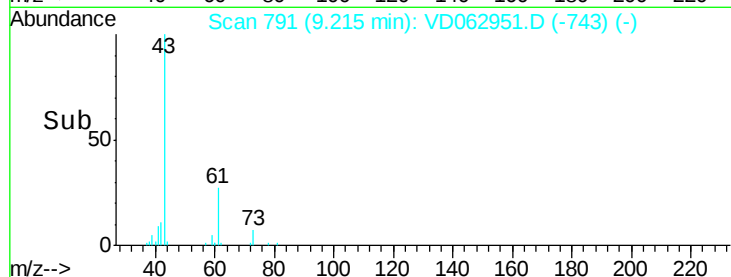
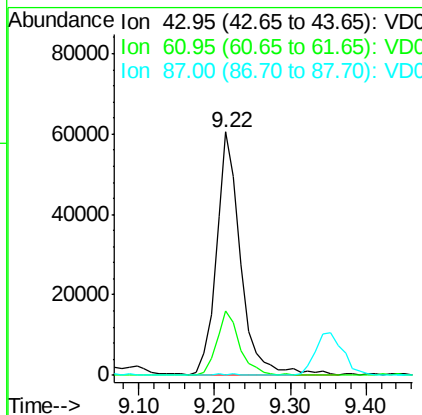
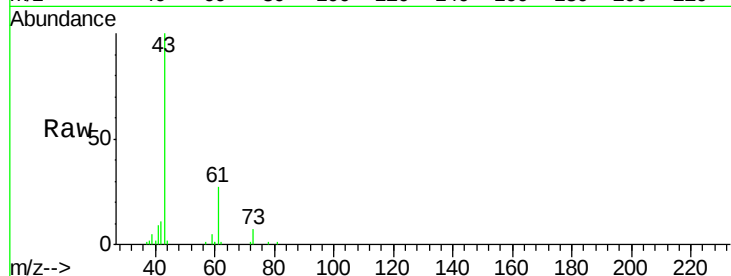


#43

Isopropyl Acetate  
 Concen: 23.681 ug/l  
 RT: 9.22 min Scan# 791  
 Delta R.T. -0.03 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD03

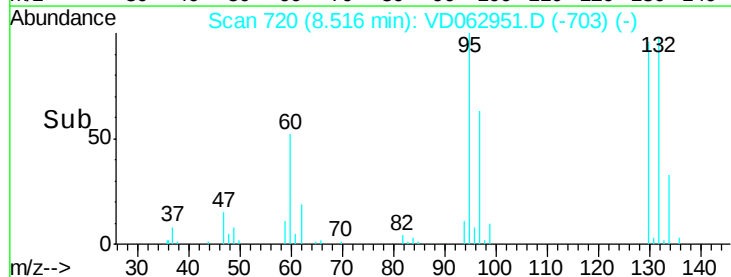
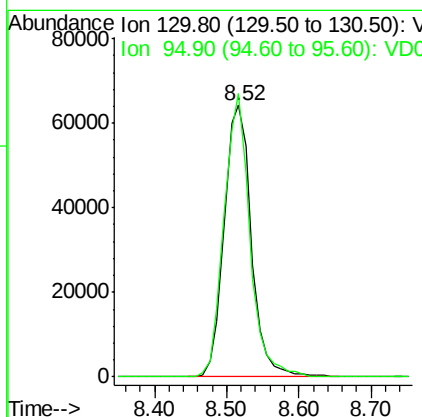
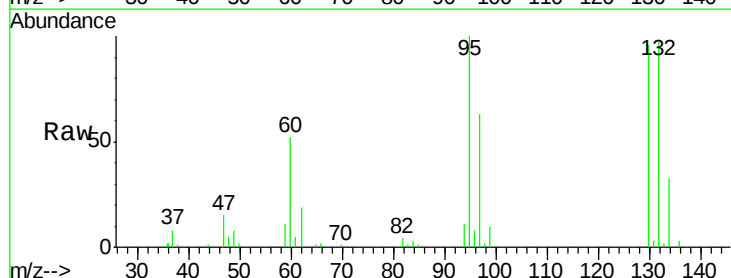
Tot Ion: 43 Resp: 135723  
 Ion Ratio Lower Upper  
 43 100  
 61 26.6 22.4 33.6  
 87 0.0 0.3 0.5#



#44

Trichloroethene  
 Concen: 19.516 ug/l  
 RT: 8.52 min Scan# 720  
 Delta R.T. -0.03 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

Tgt Ion: 130 Resp: 167901  
 Ion Ratio Lower Upper  
 130 100  
 95 104.2 0.0 201.6





#45

1,2-Dichloropropane

Concen: 20.472 ug/l

RT: 8.91 min Scan# 760

Delta R.T. -0.04 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

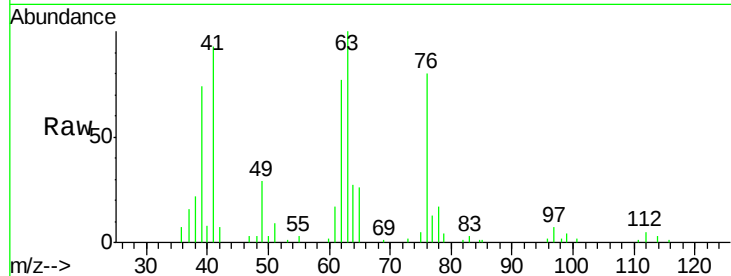
VD0627SBSD03

Tot Ion: 63 Resp: 111710

Ion Ratio Lower Upper

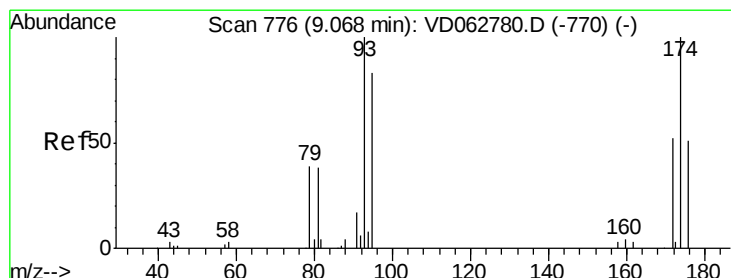
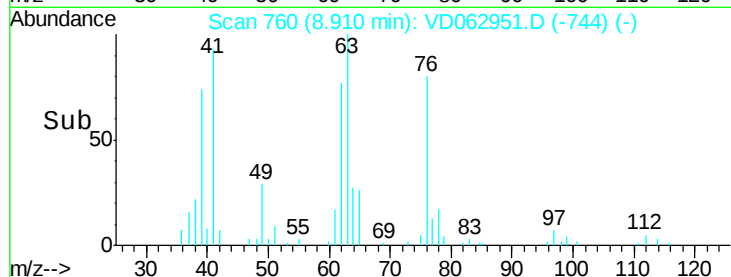
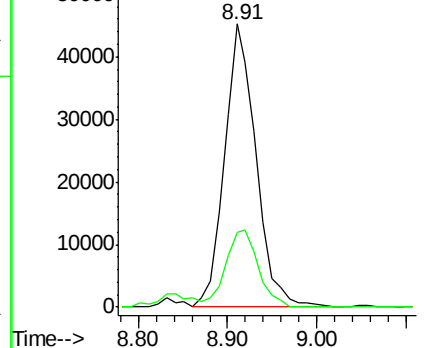
63 100

65 26.2 24.2 36.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 20.174 ug/l

RT: 9.04 min Scan# 773

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

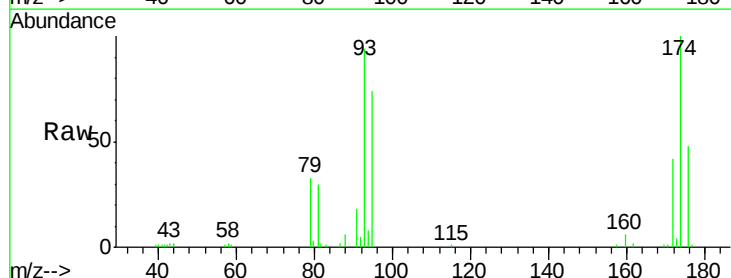
Tgt Ion: 93 Resp: 94562

Ion Ratio Lower Upper

93 100

95 78.5 66.6 100.0

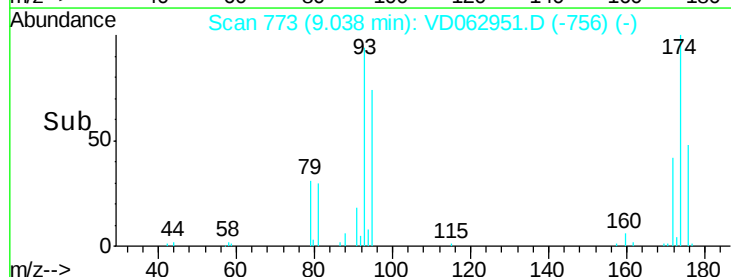
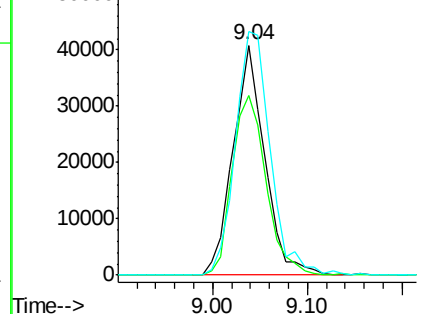
174 106.1 79.7 119.5



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: 20.795 ug/l

RT: 9.35 min Scan# 805

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD03

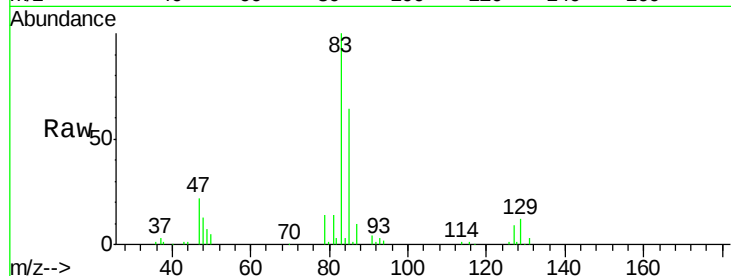
Tot Ion: 83 Resp: 253149

Ion Ratio Lower Upper

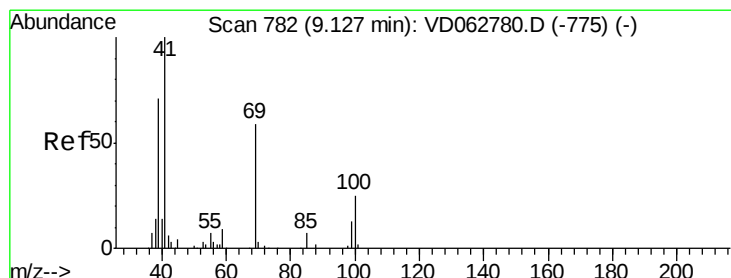
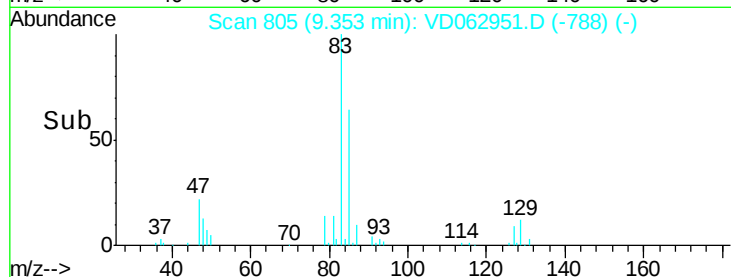
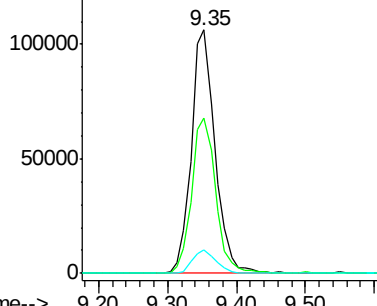
83 100

85 63.8 51.6 77.4

127 9.4 7.8 11.6



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): V



#48

Methyl methacrylate

Concen: 22.097 ug/l

RT: 9.10 min Scan# 779

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

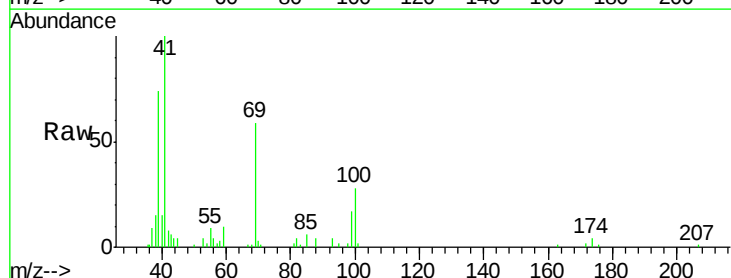
Tgt Ion: 41 Resp: 89998

Ion Ratio Lower Upper

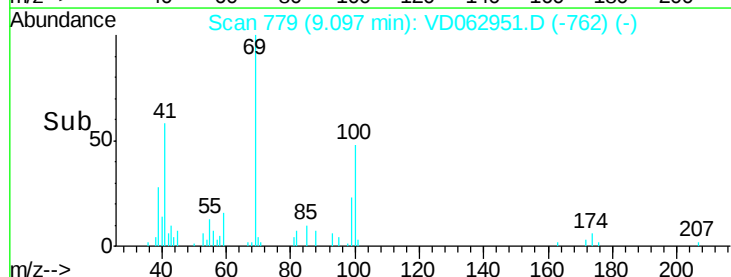
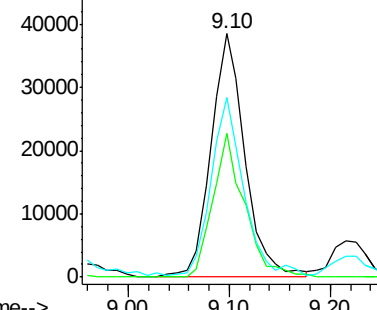
41 100

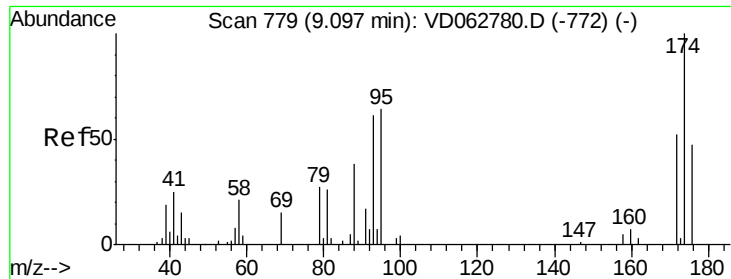
69 58.8 47.2 70.8

39 73.8 57.4 86.2



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

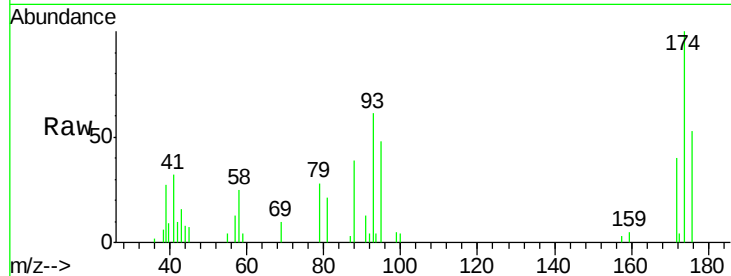




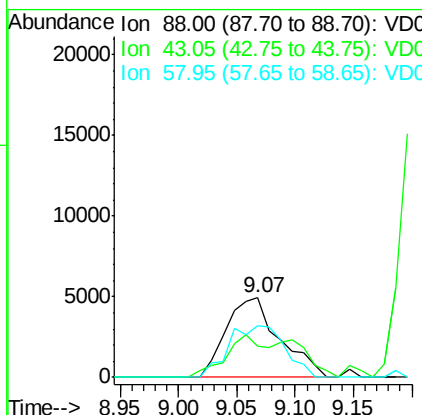
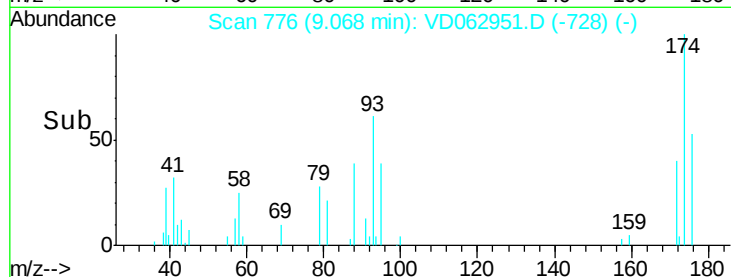
#49  
1,4-Dioxane  
Concen: 458.990 ug/l  
RT: 9.07 min Scan# 776  
Delta R.T. -0.03 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

Tot Ion: 88 Resp: 15553  
Ion Ratio Lower Upper  
88 100  
43 39.9 32.1 48.1  
58 64.2 44.1 66.1

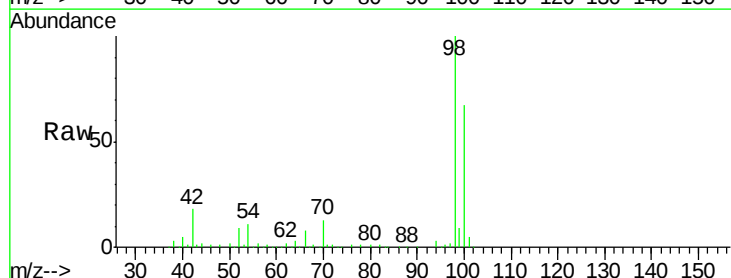


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

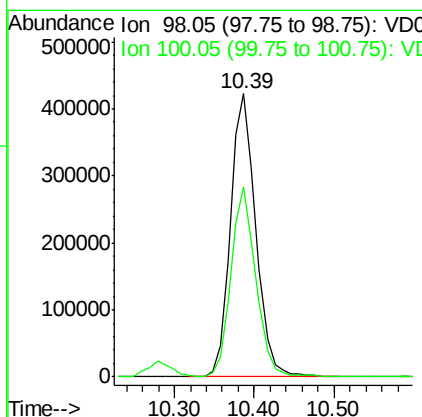
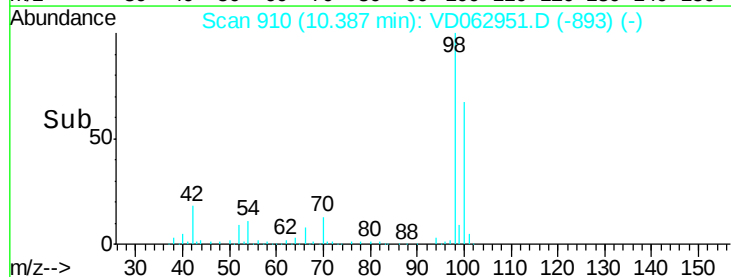


#50  
Toluene-d8  
Concen: 44.314 ug/l  
RT: 10.39 min Scan# 910  
Delta R.T. -0.03 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion: 98 Resp: 939173  
Ion Ratio Lower Upper  
98 100  
100 67.3 54.7 82.1



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





#51

4-Methyl-2-Pentanone

Concen: 113.247 ug/l

RT: 10.28 min Scan# 899

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

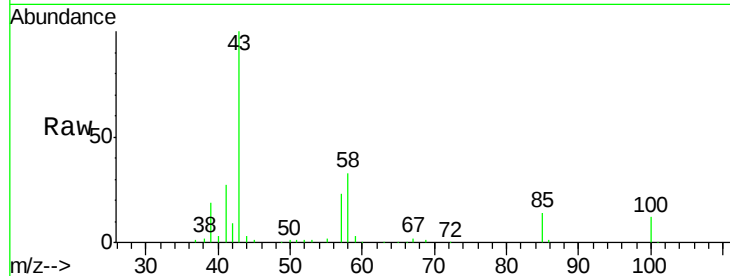
VD0627SBS03

Tot Ion: 43 Resp: 460184

Ion Ratio Lower Upper

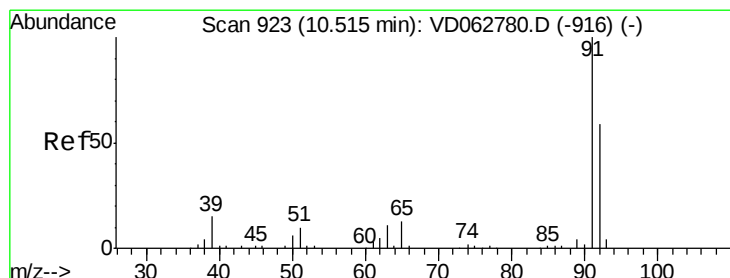
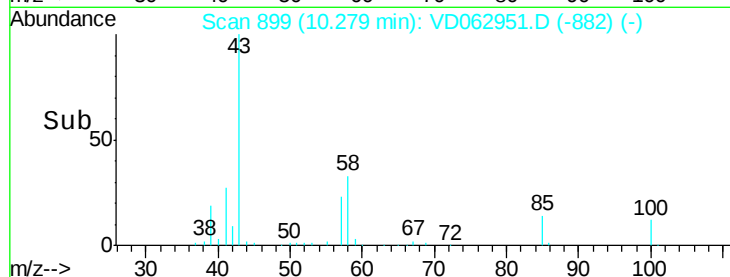
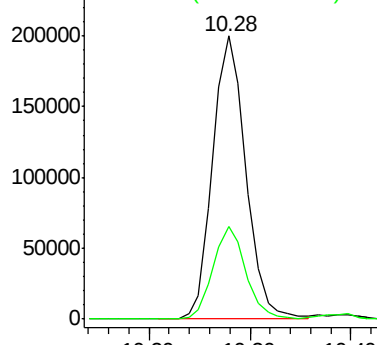
43 100

58 32.6 26.6 40.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 20.491 ug/l

RT: 10.49 min Scan# 920

Delta R.T. -0.03 min

Lab File: VD062951.D

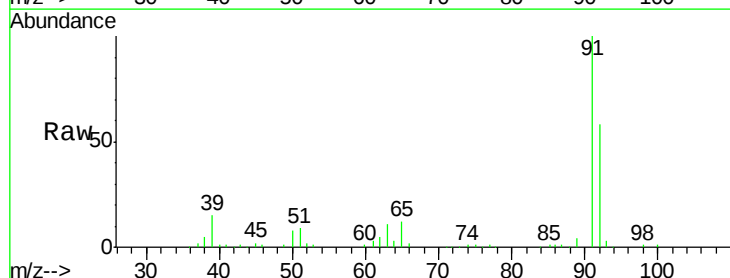
Acq: 28 Jun 2019 2:55

Tgt Ion: 92 Resp: 302257

Ion Ratio Lower Upper

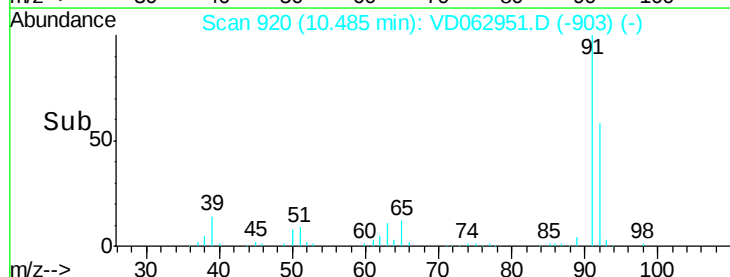
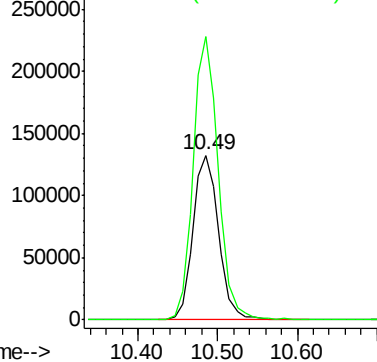
92 100

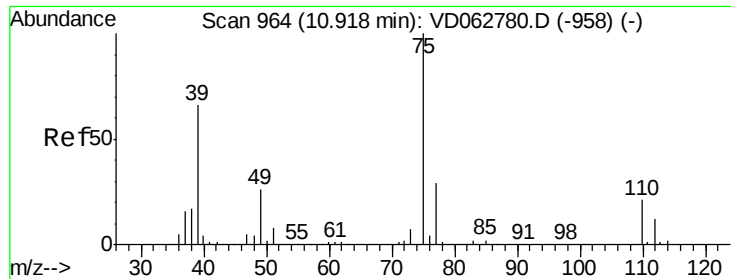
91 172.3 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

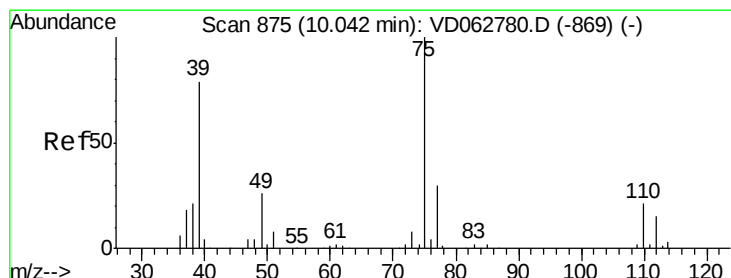
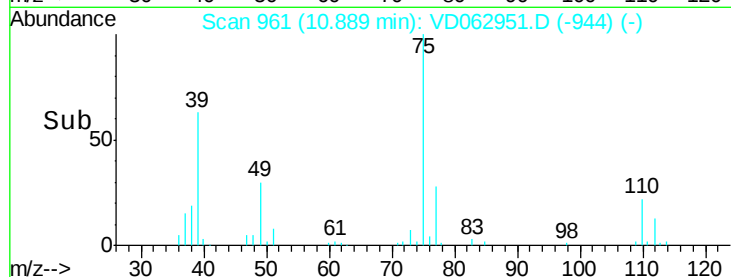
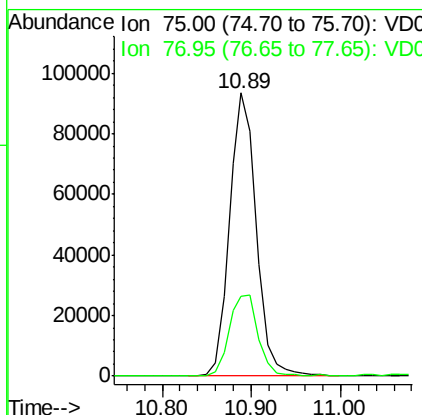
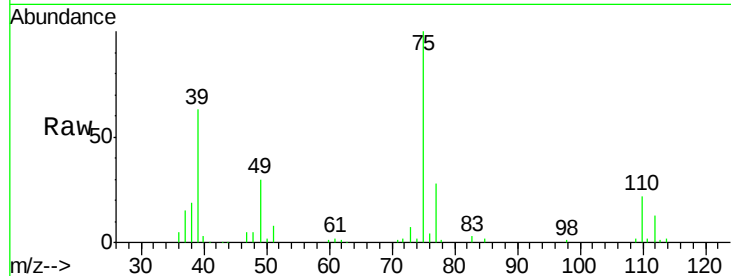




#53  
 t-1,3-Dichloropropene  
 Concen: 19.709 ug/l  
 RT: 10.89 min Scan# 961  
 Delta R.T. -0.03 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

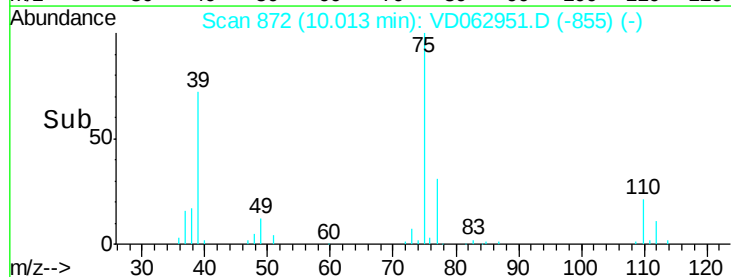
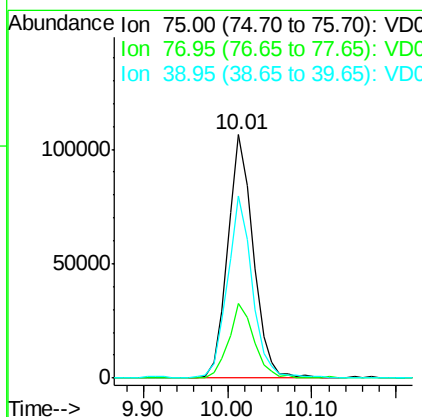
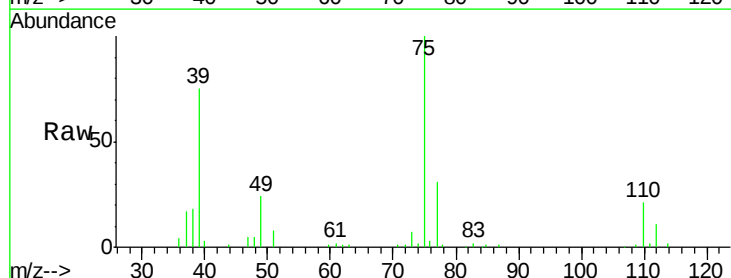
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD03

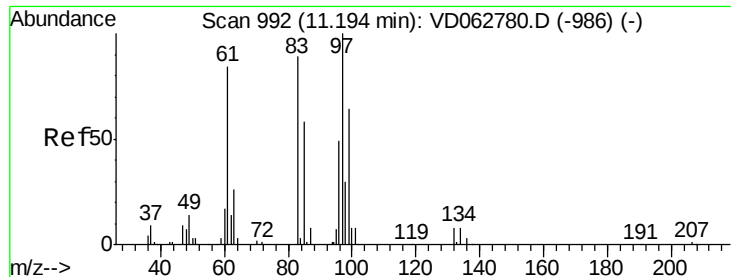
Tot Ion: 75 Resp: 196377  
 Ion Ratio Lower Upper  
 75 100  
 77 28.1 23.2 34.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.675 ug/l  
 RT: 10.01 min Scan# 872  
 Delta R.T. -0.03 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

Tgt Ion: 75 Resp: 223909  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 24.2 36.2  
 39 75.0 63.5 95.3





#55

1,1,2-Trichloroethane

Concen: 22.091 ug/l

RT: 11.16 min Scan# 989

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD03

Tot Ion: 97 Resp: 111957

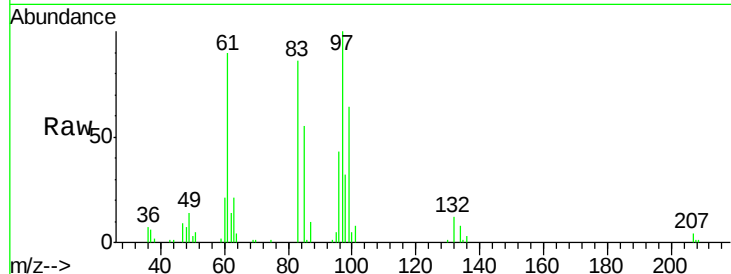
Ion Ratio Lower Upper

97 100

83 85.6 71.0 106.4

85 54.8 46.6 69.8

99 64.0 51.4 77.0

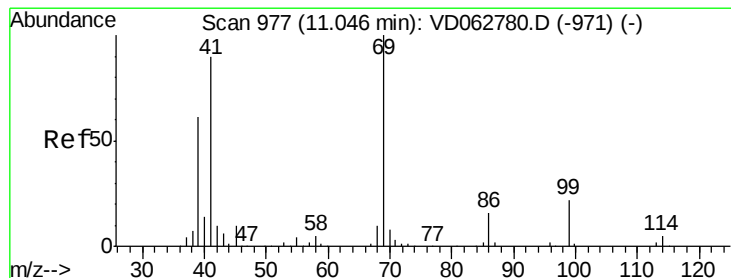
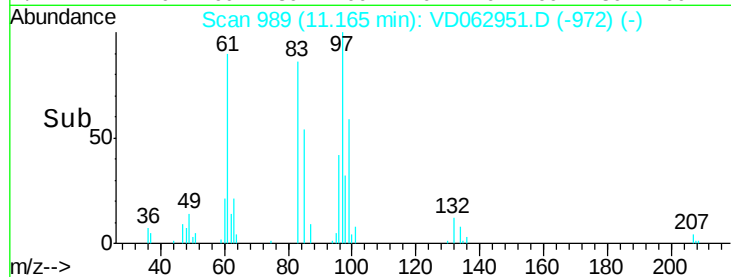
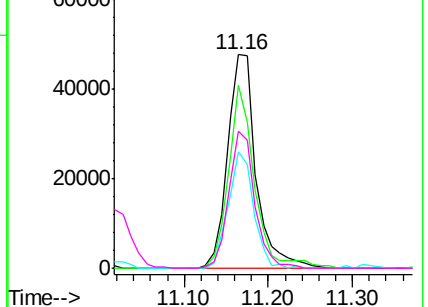


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 21.265 ug/l

RT: 11.02 min Scan# 974

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

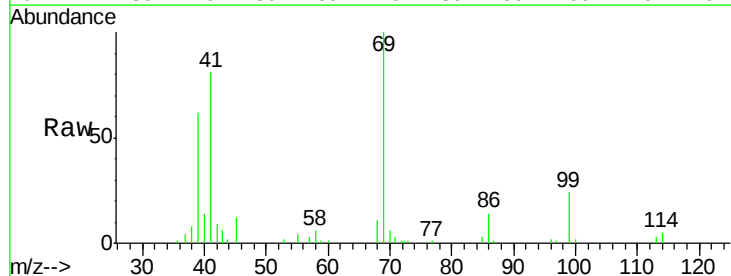
Tgt Ion: 69 Resp: 115174

Ion Ratio Lower Upper

69 100

41 81.4 72.0 108.0

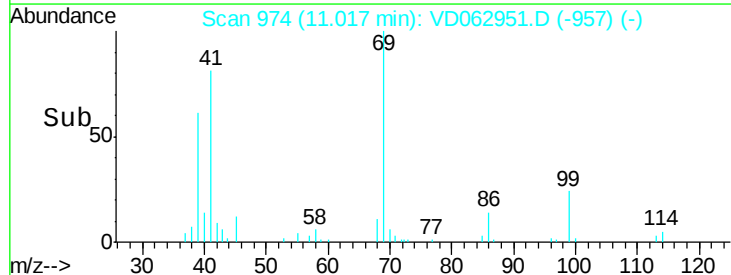
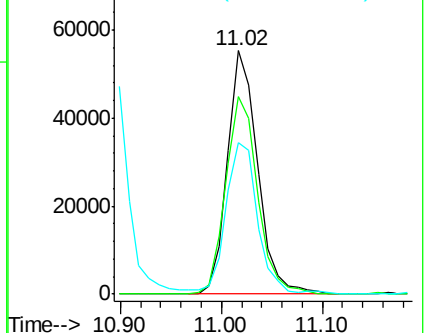
39 62.2 49.5 74.3

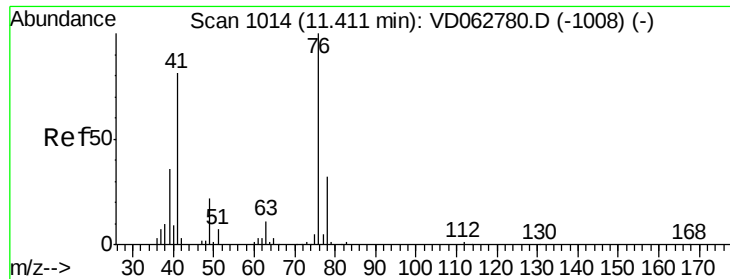


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

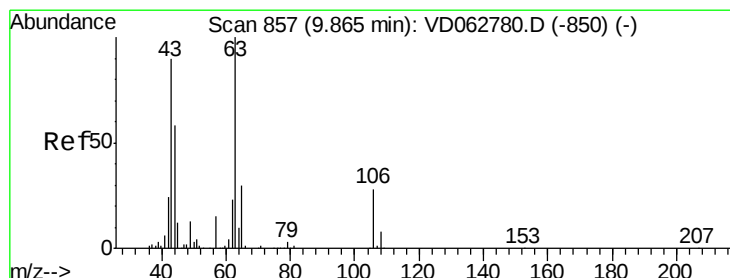
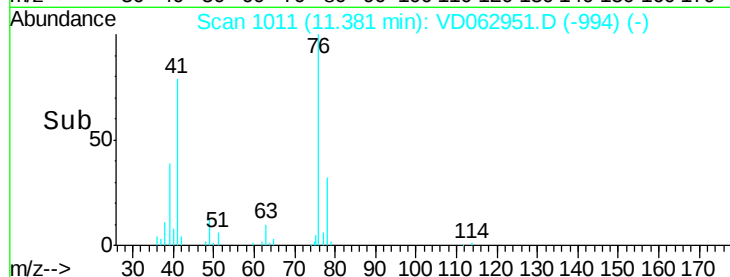
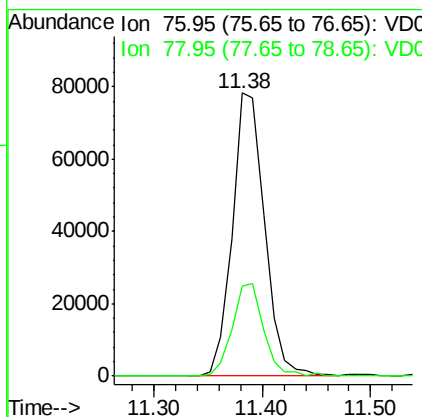
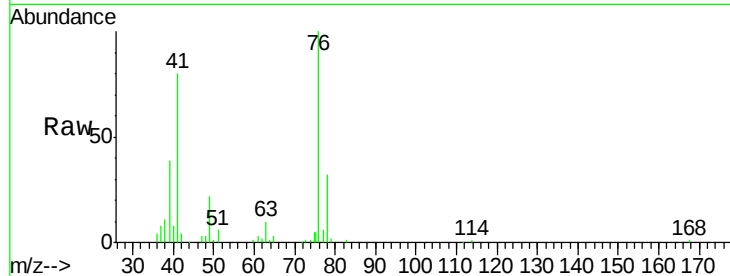




#57  
 1,3-Dichloropropane  
 Concen: 20.925 ug/l  
 RT: 11.38 min Scan# 1011  
 Delta R.T. -0.03 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

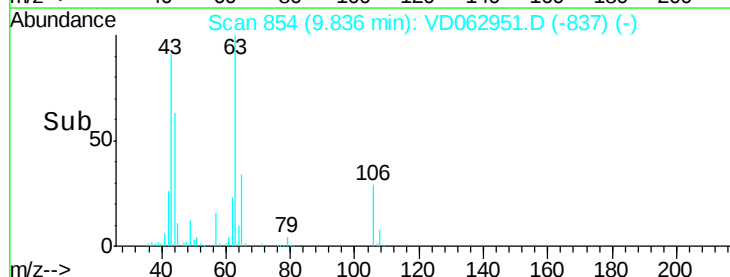
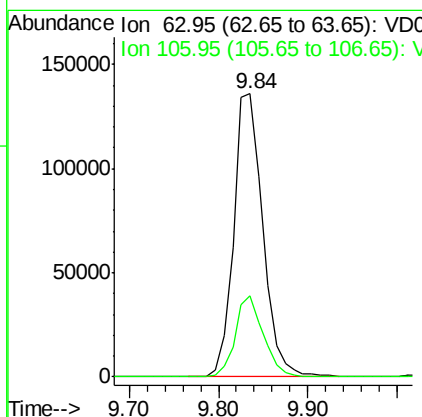
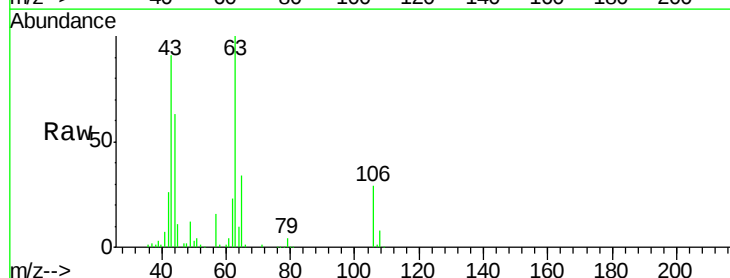
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD03

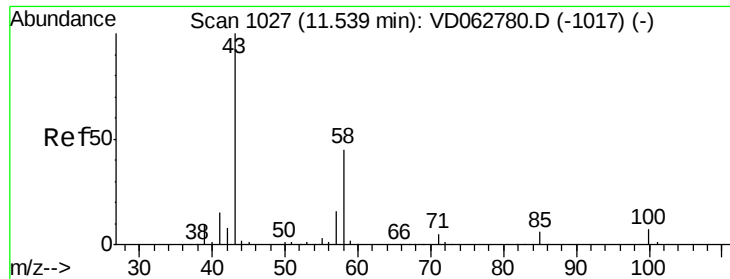
Tot Ion: 76 Resp: 162373  
 Ion Ratio Lower Upper  
 76 100  
 78 31.8 25.4 38.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 111.572 ug/l  
 RT: 9.84 min Scan# 854  
 Delta R.T. -0.03 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

Tgt Ion: 63 Resp: 310224  
 Ion Ratio Lower Upper  
 63 100  
 106 28.5 22.1 33.1

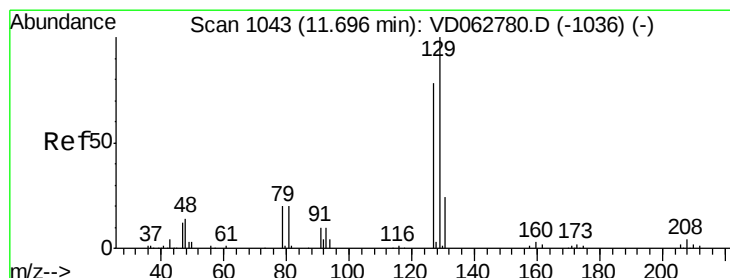
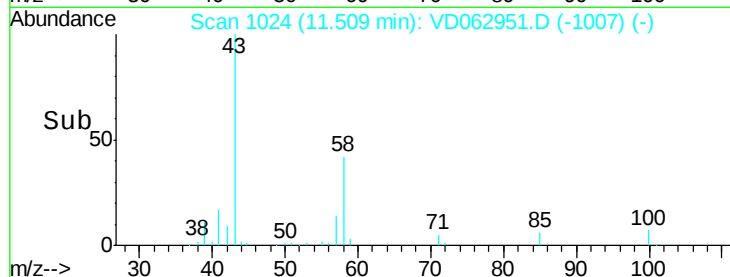
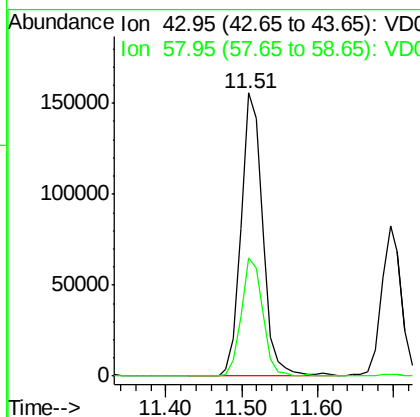
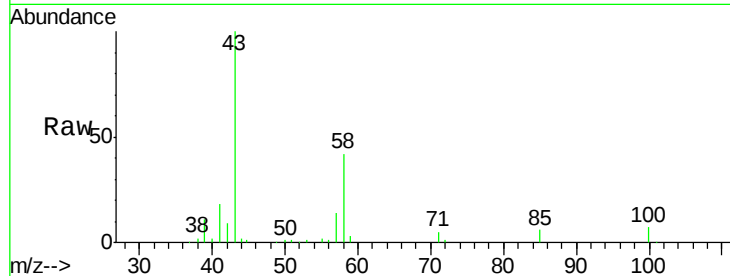




#59  
2-Hexanone  
Concen: 105.947 ug/l  
RT: 11.51 min Scan# 1024  
Delta R.T. -0.03 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

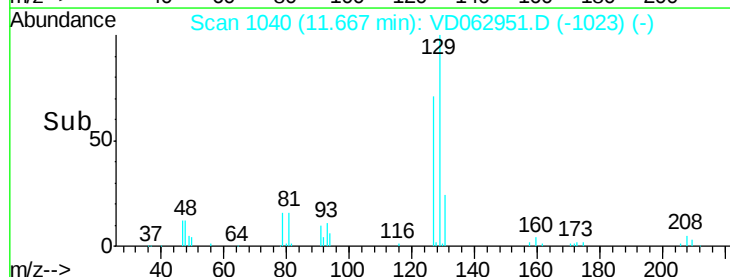
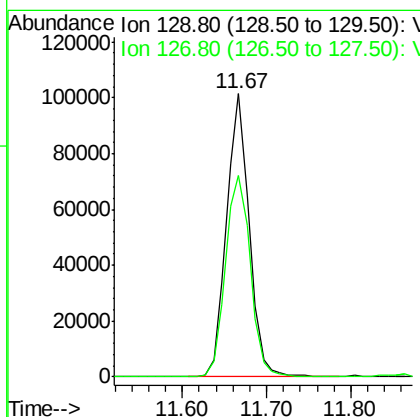
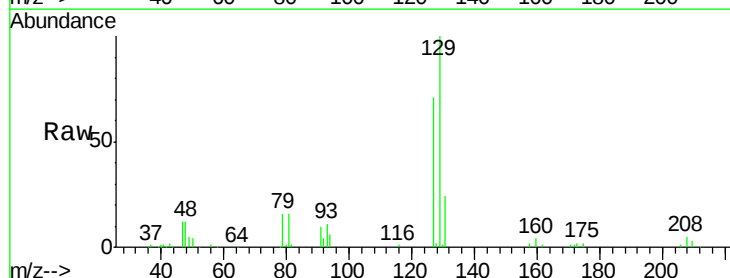
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

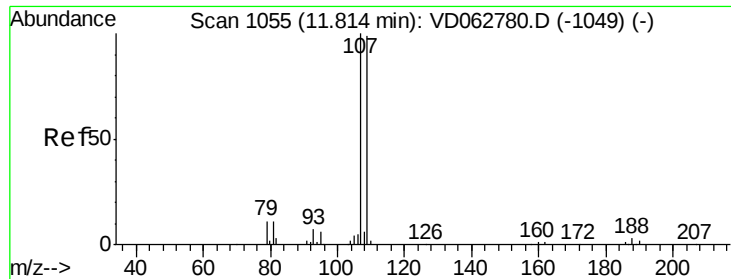
Tot Ion: 43 Resp: 306611  
Ion Ratio Lower Upper  
43 100  
58 41.9 22.4 67.2



#60  
Dibromochloromethane  
Concen: 20.077 ug/l  
RT: 11.67 min Scan# 1040  
Delta R.T. -0.03 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion: 129 Resp: 189525  
Ion Ratio Lower Upper  
129 100  
127 71.4 38.9 116.6

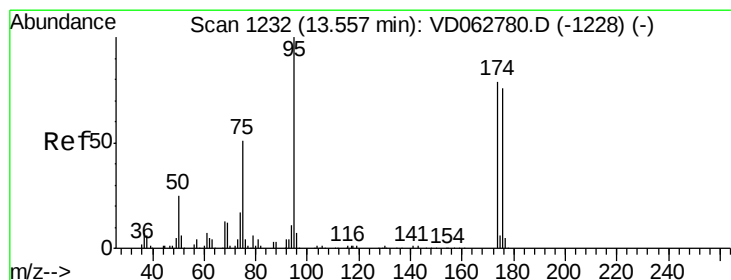
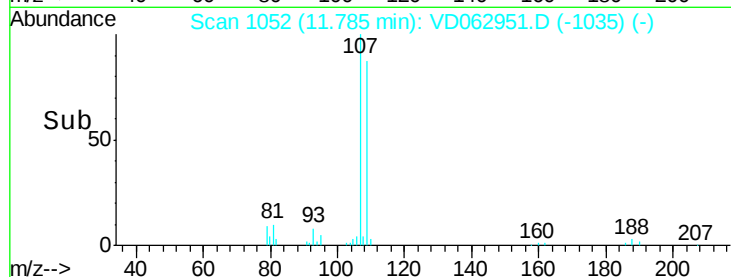
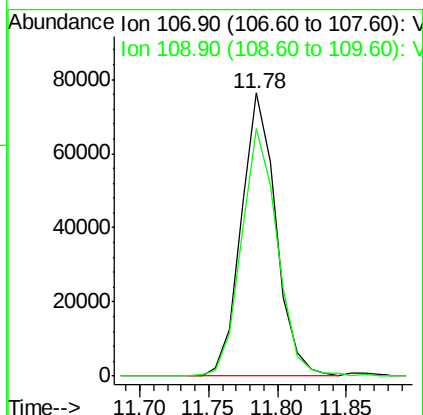
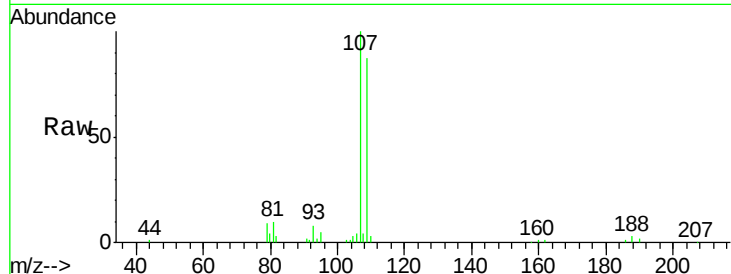




#61  
 1,2-Dibromoethane  
 Concen: 22.407 ug/l  
 RT: 11.78 min Scan# 1052  
 Delta R.T. -0.03 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

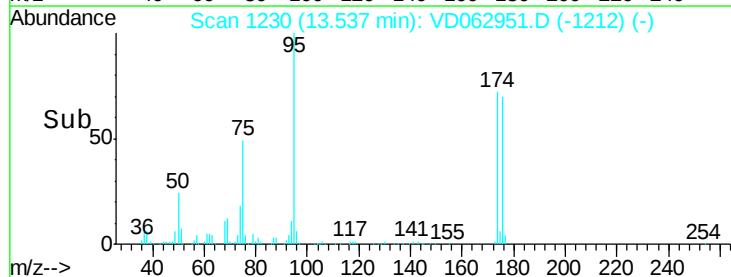
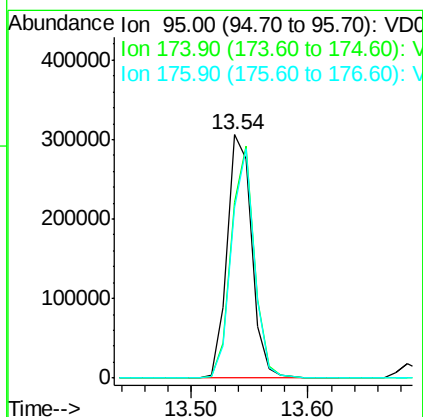
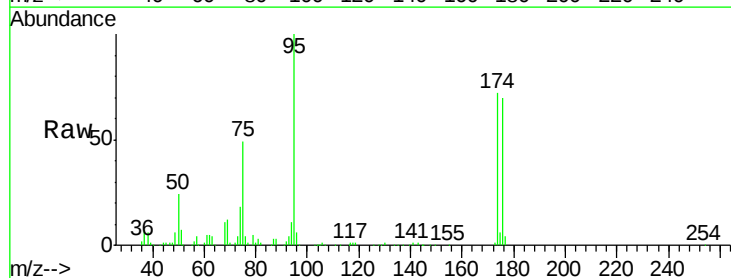
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD03

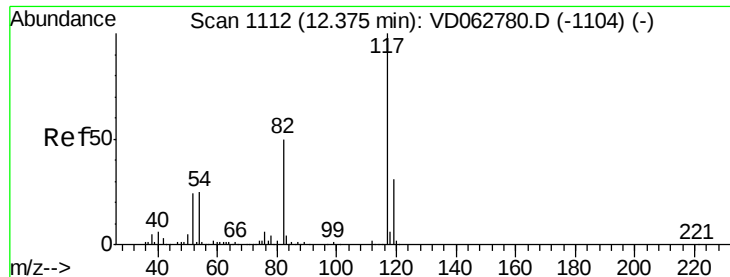
Tot Ion:107 Resp: 134116  
 Ion Ratio Lower Upper  
 107 100  
 109 87.2 79.3 118.9



#62  
 4-Bromofluorobenzene  
 Concen: 46.513 ug/l  
 RT: 13.54 min Scan# 1230  
 Delta R.T. -0.02 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

Tgt Ion: 95 Resp: 448242  
 Ion Ratio Lower Upper  
 95 100  
 174 72.1 0.0 158.0  
 176 70.3 0.0 151.6

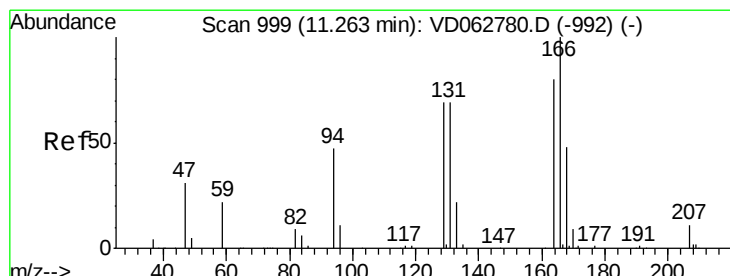
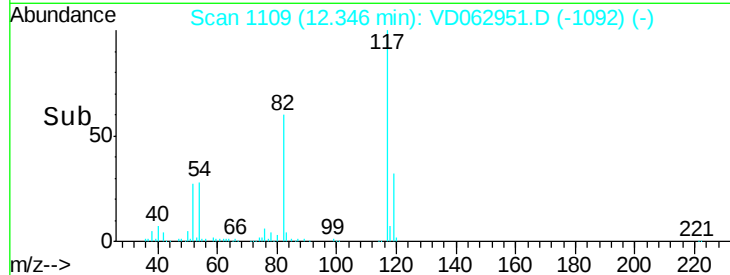
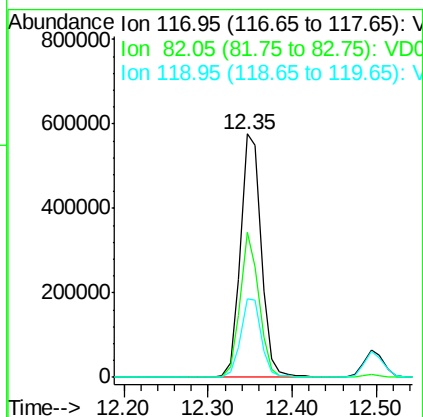
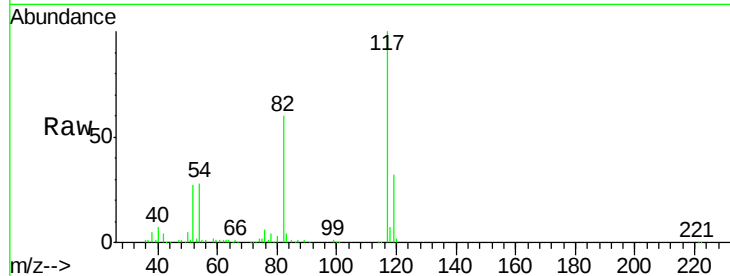




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.35 min Scan# 1109  
Delta R.T. -0.03 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

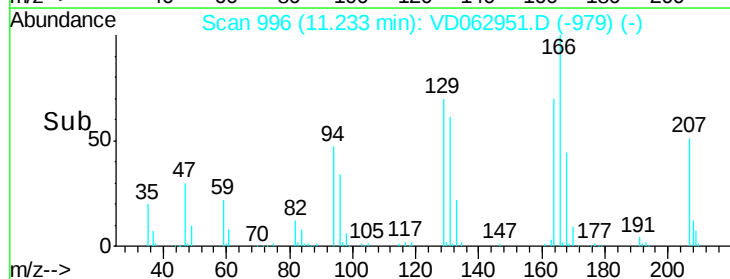
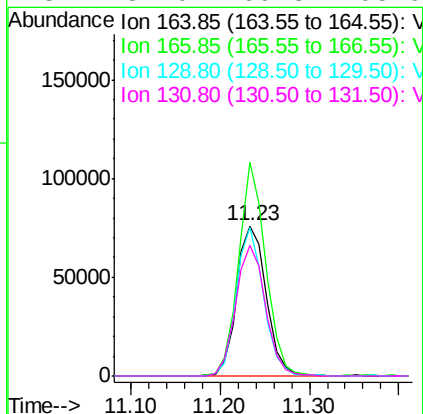
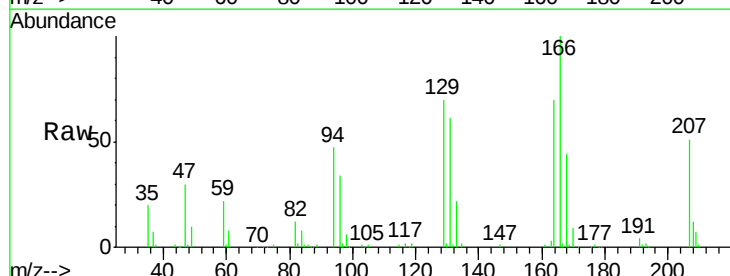
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

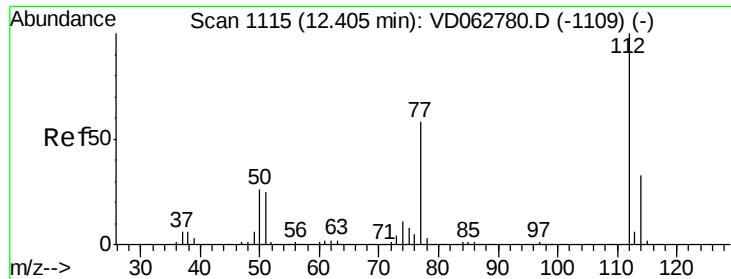
Tot Ion:117 Resp: 985537  
Ion Ratio Lower Upper  
117 100  
82 59.6 40.4 60.6  
119 32.1 25.2 37.8



#64  
Tetrachloroethene  
Concen: 21.557 ug/l  
RT: 11.23 min Scan# 996  
Delta R.T. -0.03 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion:164 Resp: 174850  
Ion Ratio Lower Upper  
164 100  
166 142.1 100.6 150.8  
129 98.8 69.4 104.0  
131 87.0 69.3 103.9

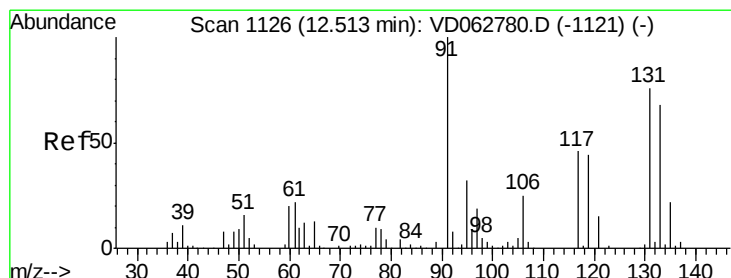
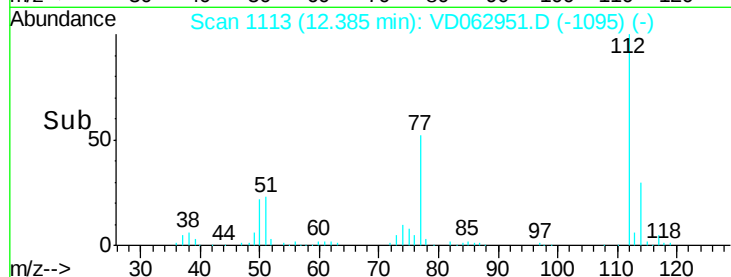
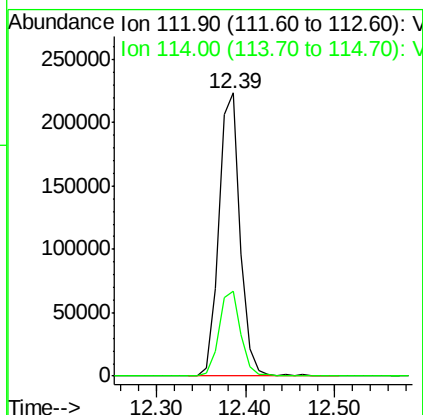
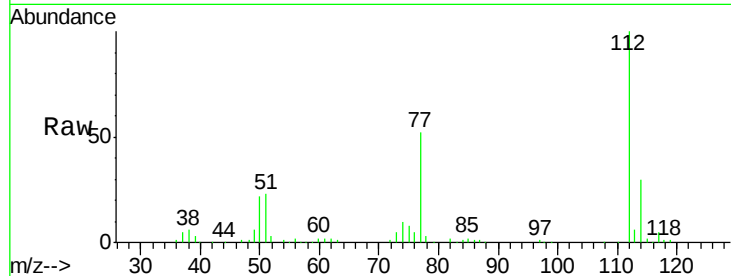




#65  
Chlorobenzene  
Concen: 20.492 ug/l  
RT: 12.39 min Scan# 1113  
Delta R.T. -0.02 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

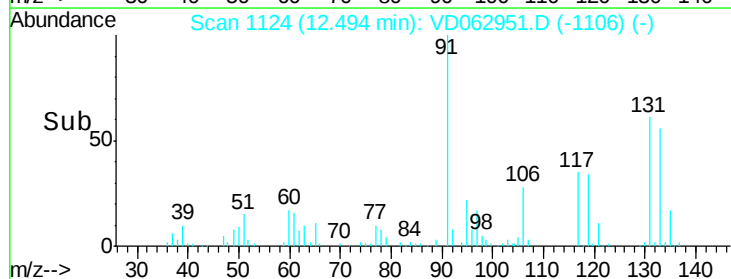
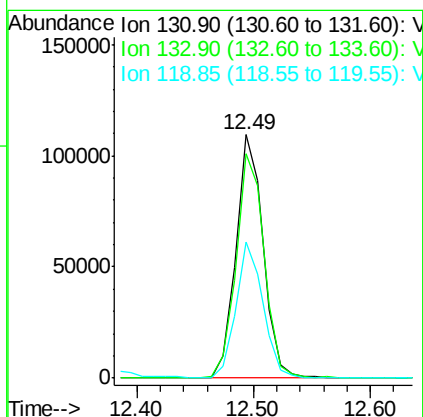
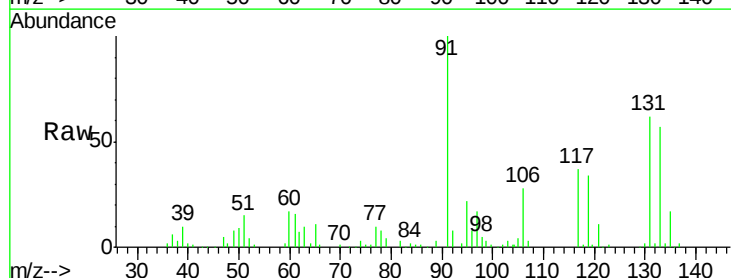
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

Tot Ion:112 Resp: 374818  
Ion Ratio Lower Upper  
112 100  
114 30.0 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.603 ug/l  
RT: 12.49 min Scan# 1124  
Delta R.T. -0.02 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion:131 Resp: 176234  
Ion Ratio Lower Upper  
131 100  
133 92.2 44.5 133.3  
119 55.9 28.6 85.9





#67

Ethyl Benzene

Concen: 18.838 ug/l

RT: 12.50 min Scan# 1125

Delta R.T. -0.03 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

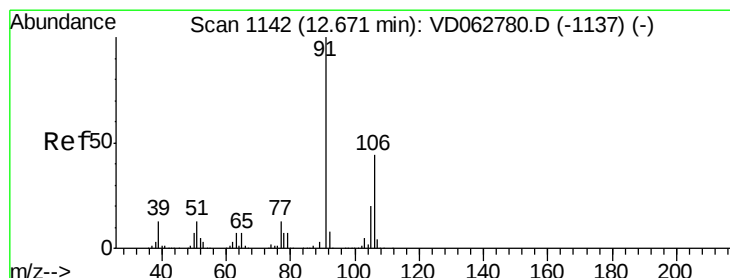
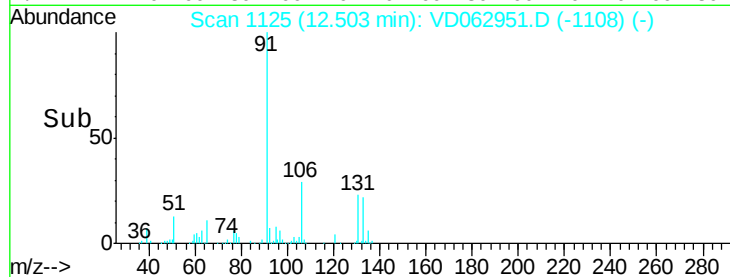
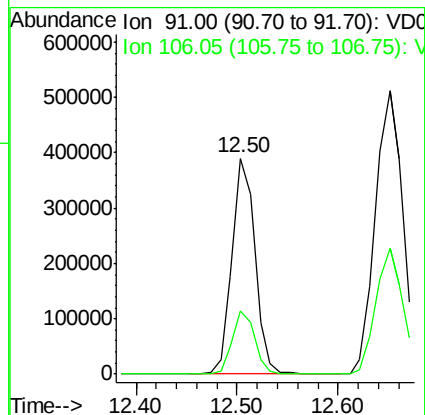
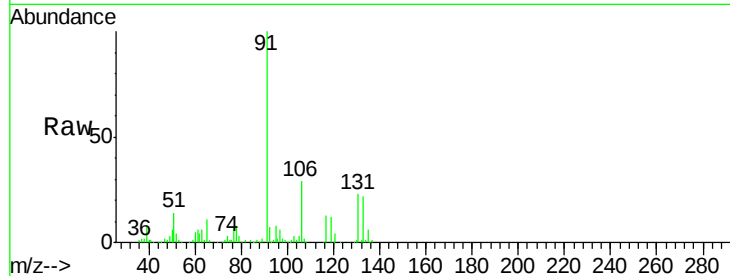
VD0627SBS03

Tot Ion: 91 Resp: 618628

Ion Ratio Lower Upper

91 100

106 29.2 23.1 34.7



#68

m/p-Xylenes

Concen: 37.394 ug/l

RT: 12.65 min Scan# 1140

Delta R.T. -0.02 min

Lab File: VD062951.D

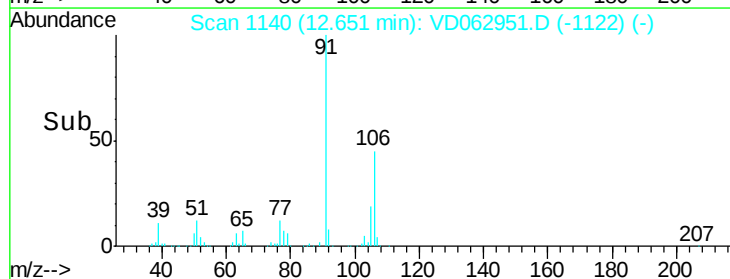
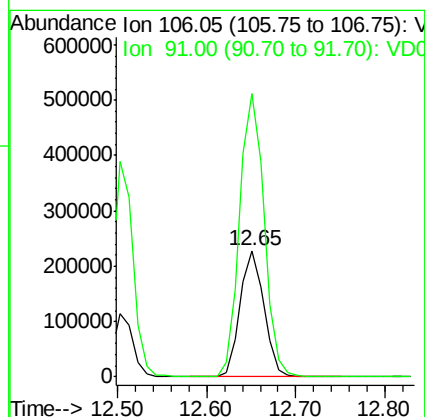
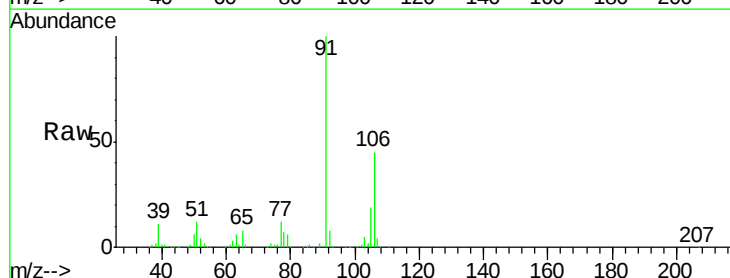
Acq: 28 Jun 2019 2:55

Tgt Ion: 106 Resp: 427691

Ion Ratio Lower Upper

106 100

91 224.4 183.0 274.6

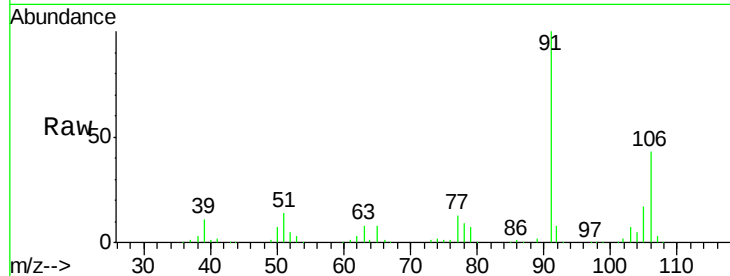




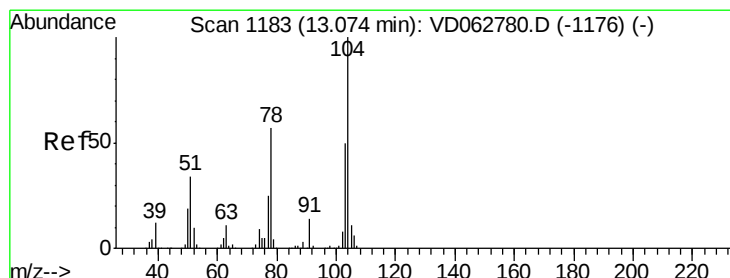
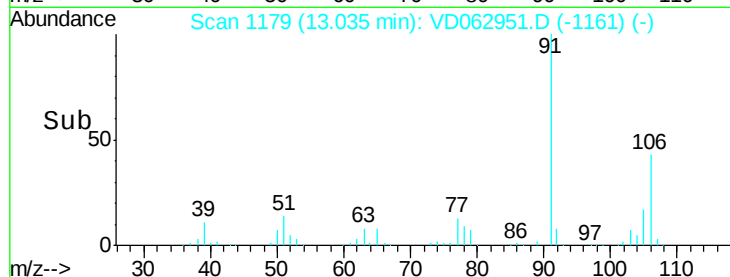
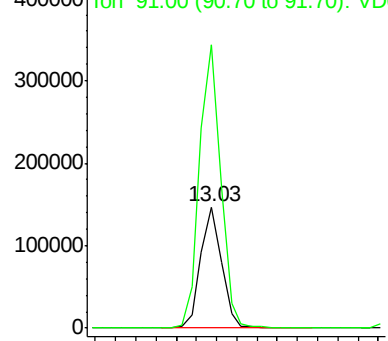
#69  
o-Xylene  
Concen: 20.270 ug/l  
RT: 13.03 min Scan# 1179  
Delta R.T. -0.02 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

Tot Ion:106 Resp: 211928  
Ion Ratio Lower Upper  
106 100  
91 233.6 117.9 353.6

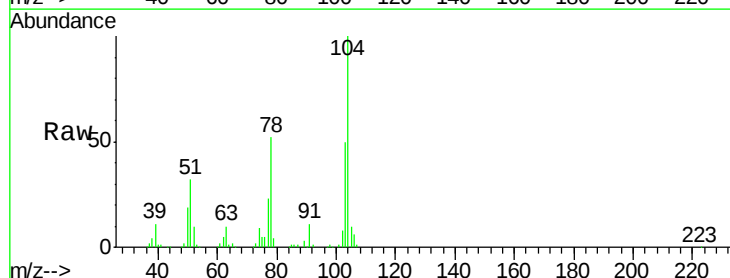


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

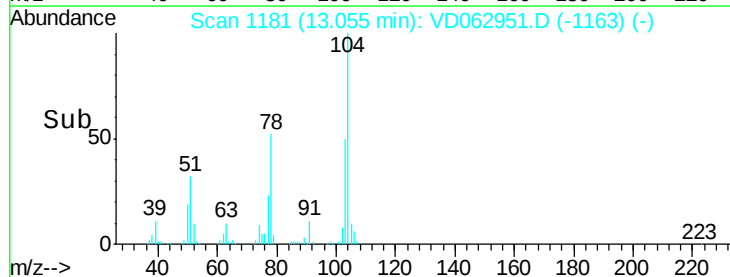
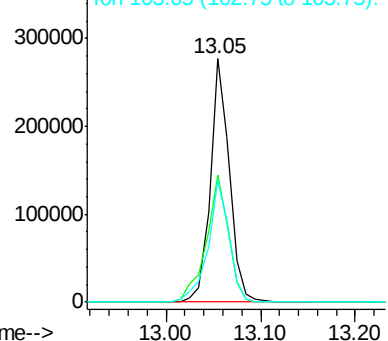


#70  
Styrene  
Concen: 20.952 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. -0.02 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion:104 Resp: 384774  
Ion Ratio Lower Upper  
104 100  
78 52.3 45.4 68.2  
103 50.0 39.7 59.5



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





#71

Bromoform

Concen: 21.989 ug/l

RT: 13.22 min Scan# 1198

Delta R.T. -0.02 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD03

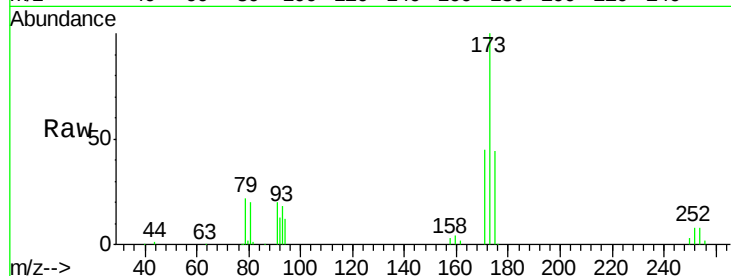
Tot Ion:173 Resp: 128869

Ion Ratio Lower Upper

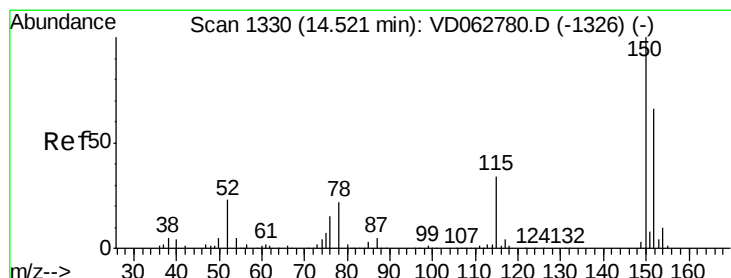
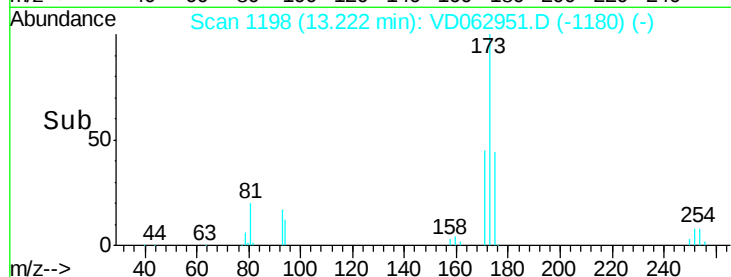
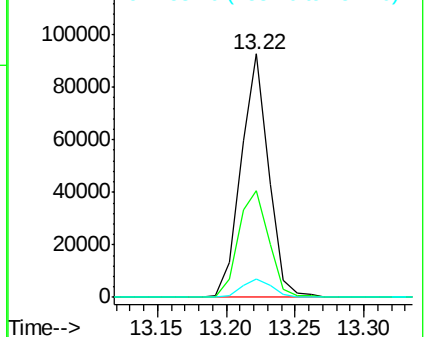
173 100

175 44.0 25.3 75.9

254 7.7 7.1 10.7



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: 14.50 min Scan# 1328

Delta R.T. -0.02 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

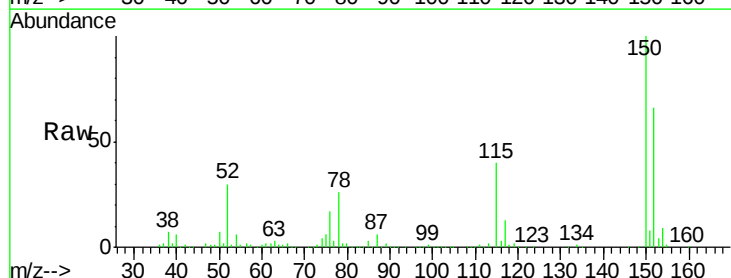
Tgt Ion:152 Resp: 556709

Ion Ratio Lower Upper

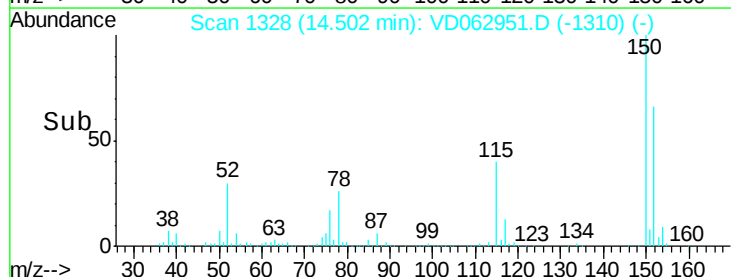
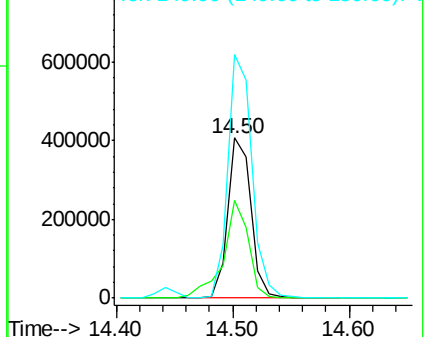
152 100

115 61.2 29.2 87.6

150 152.1 0.0 305.8



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: 18.294 ug/l

RT: 13.39 min Scan# 1215

Delta R.T. -0.02 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

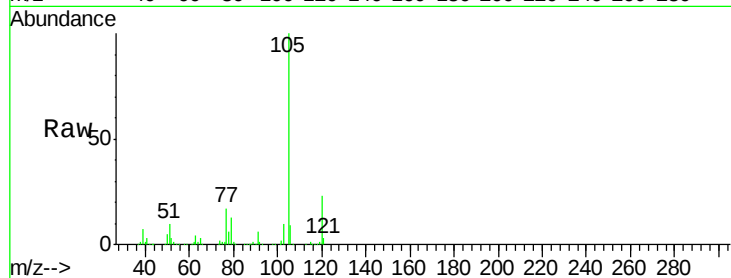
VD0627SBSD03

Tot Ion:105 Resp: 653008

Ion Ratio Lower Upper

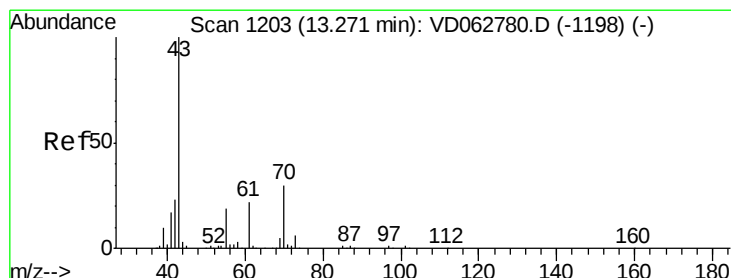
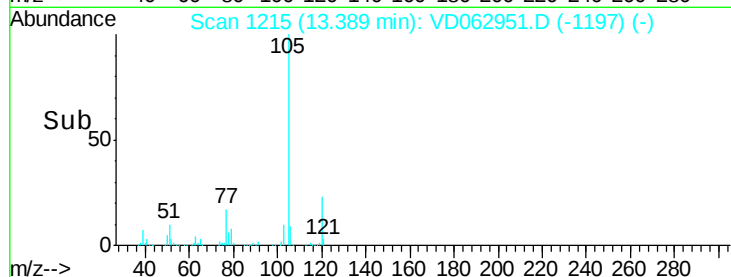
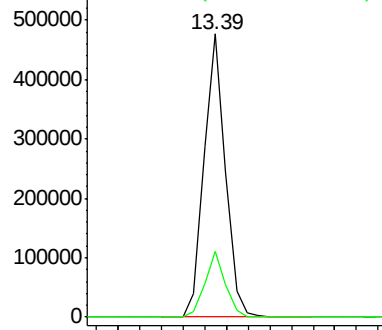
105 100

120 23.0 11.6 34.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 19.695 ug/l

RT: 13.25 min Scan# 1201

Delta R.T. -0.02 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Tgt Ion: 43 Resp: 170723

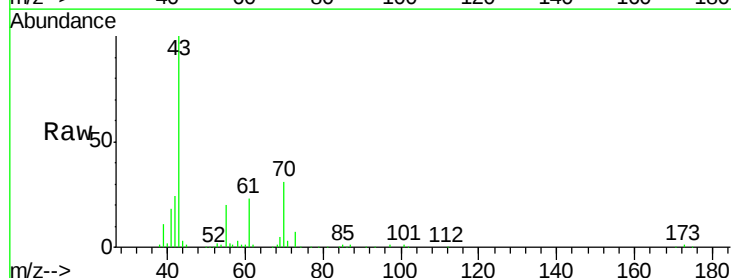
Ion Ratio Lower Upper

43 100

70 30.7 24.4 36.6

55 20.2 15.2 22.8

61 22.5 17.4 26.2

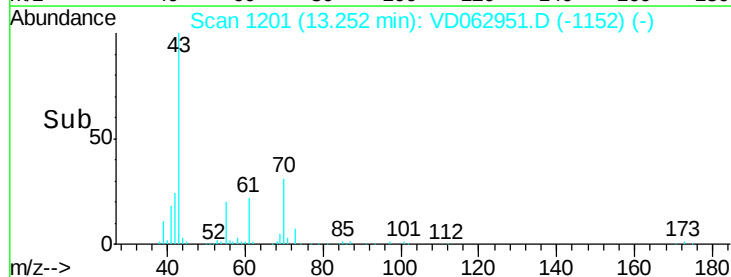
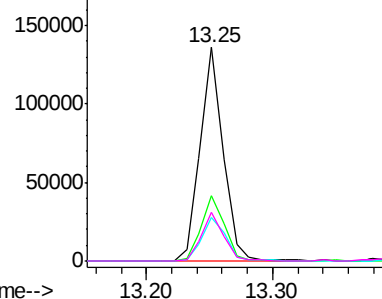


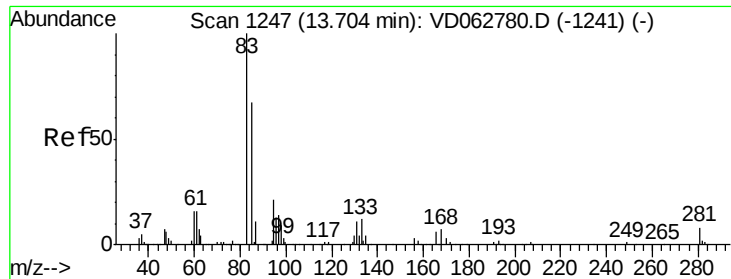
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.664 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. -0.02 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD03

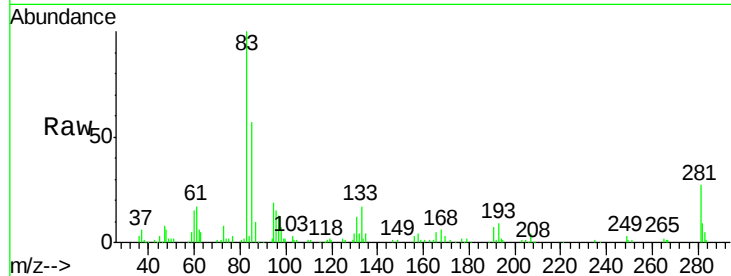
Tot Ion: 83 Resp: 120178

Ion Ratio Lower Upper

83 100

131 11.7 5.3 16.1

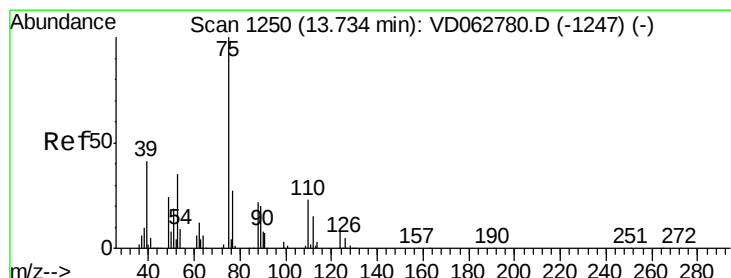
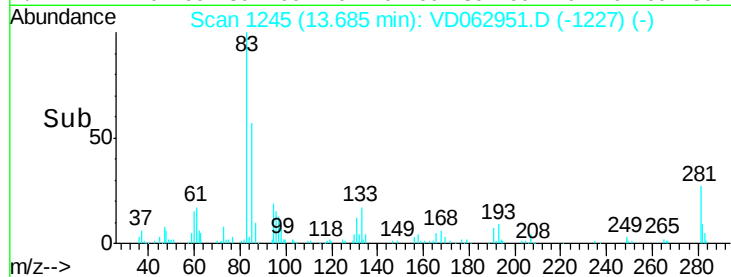
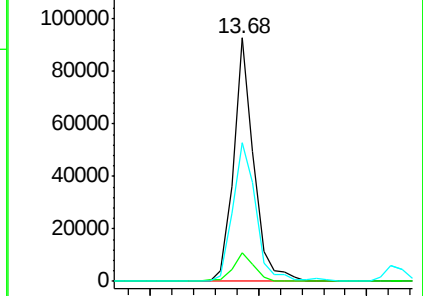
85 57.2 33.7 101.1



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 21.824 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VD062951.D

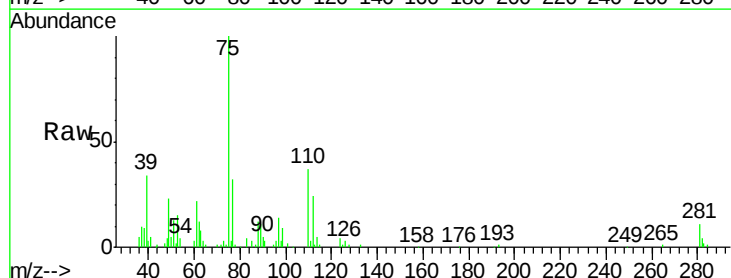
Acq: 28 Jun 2019 2:55

Tgt Ion: 75 Resp: 140256

Ion Ratio Lower Upper

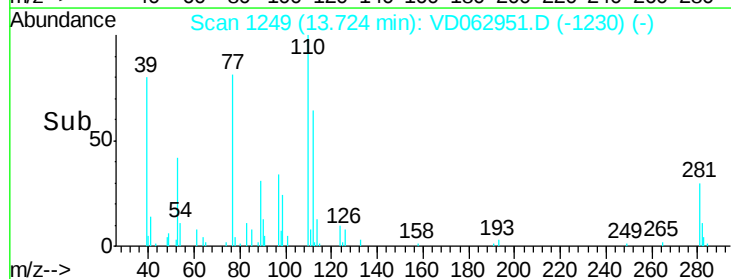
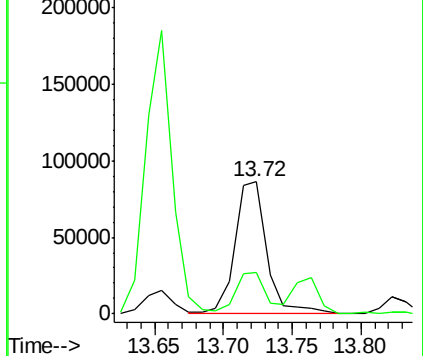
75 100

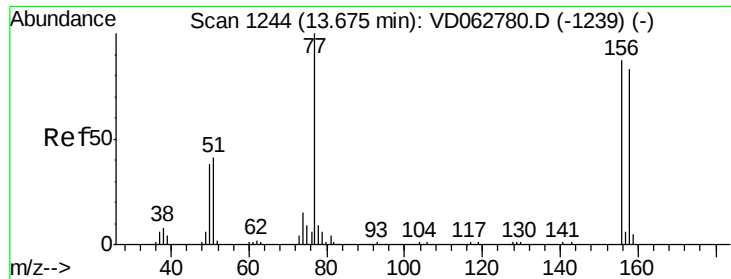
77 31.7 15.0 45.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 19.975 ug/l

RT: 13.66 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD03

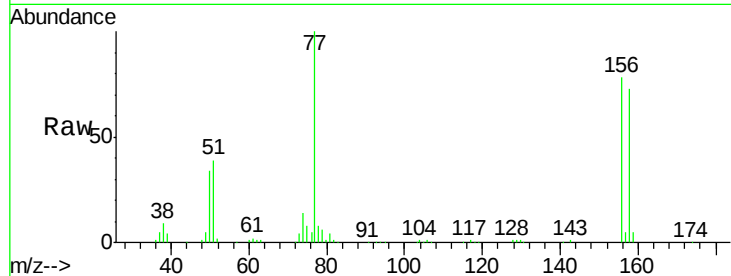
Tot Ion:156 Resp: 191782

Ion Ratio Lower Upper

156 100

77 127.9 57.7 173.1

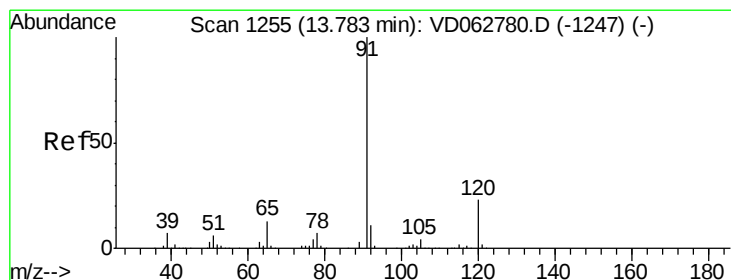
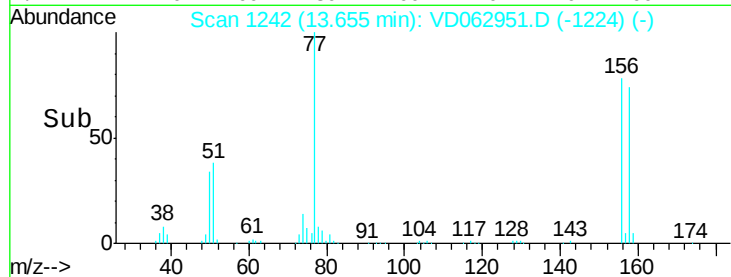
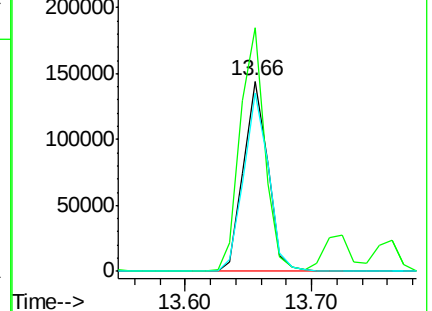
158 94.0 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 18.238 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. -0.02 min

Lab File: VD062951.D

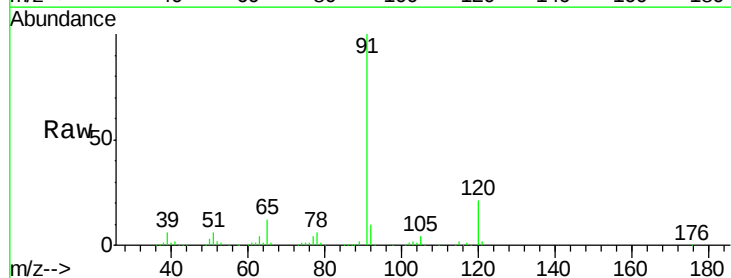
Acq: 28 Jun 2019 2:55

Tgt Ion: 91 Resp: 757721

Ion Ratio Lower Upper

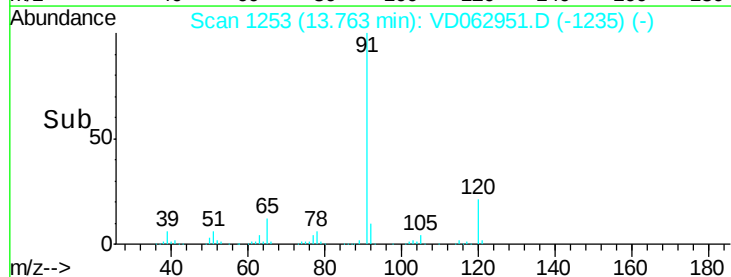
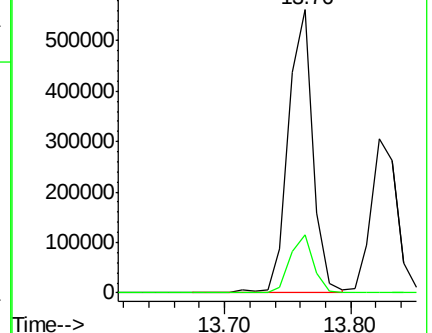
91 100

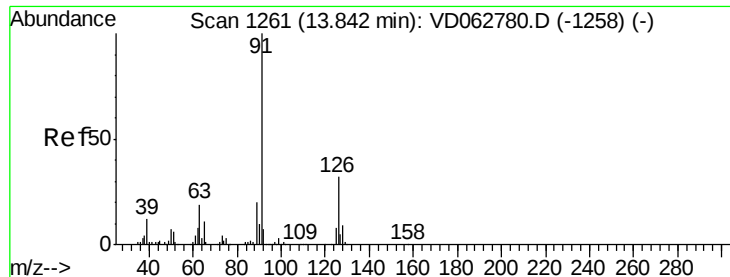
120 20.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 18.718 ug/l

RT: 13.82 min Scan# 1259

Delta R.T. -0.02 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

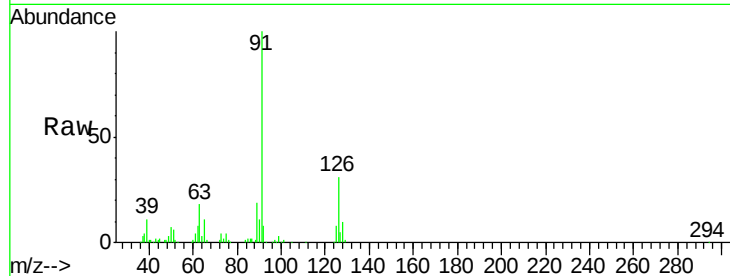
VD0627SBS03

Tot Ion: 91 Resp: 444410

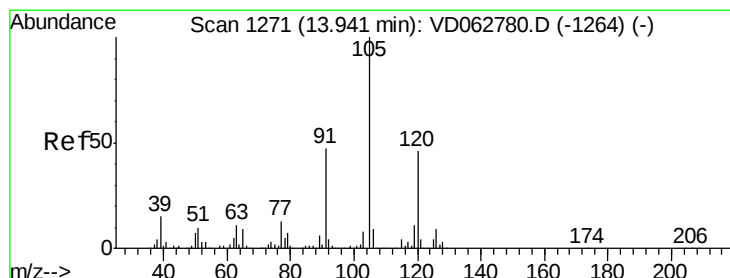
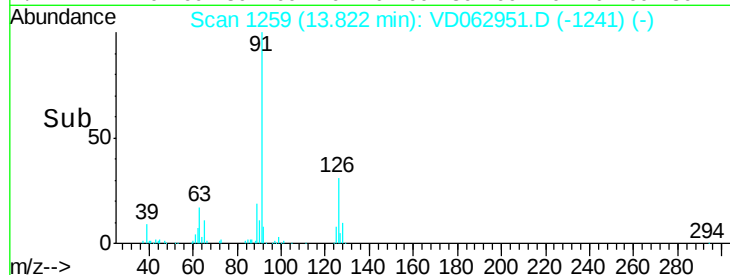
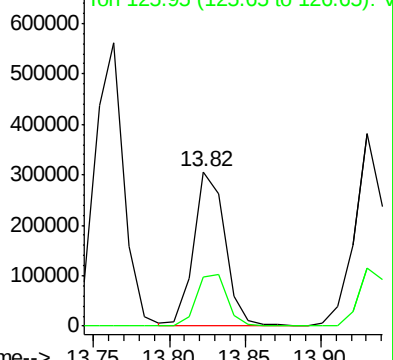
Ion Ratio Lower Upper

91 100

126 31.4 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VD062780.D (-1258) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.304 ug/l

RT: 13.92 min Scan# 1269

Delta R.T. -0.02 min

Lab File: VD062951.D

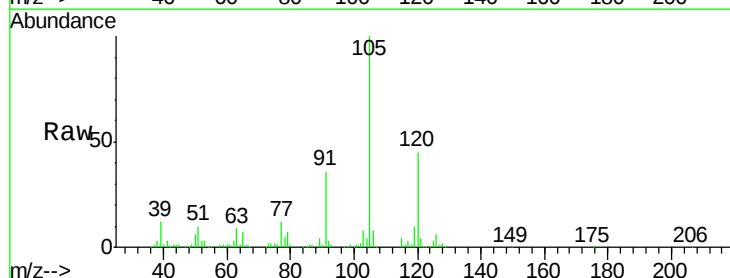
Acq: 28 Jun 2019 2:55

Tgt Ion: 105 Resp: 548796

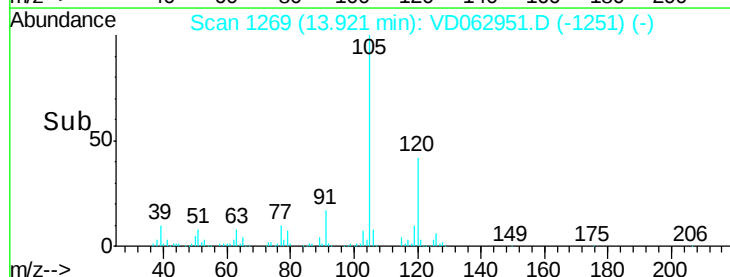
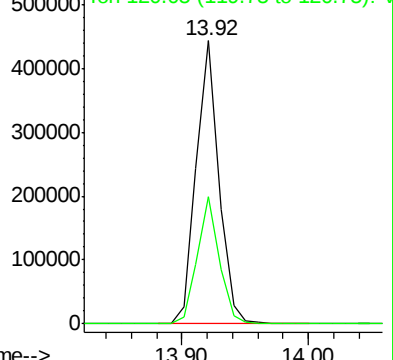
Ion Ratio Lower Upper

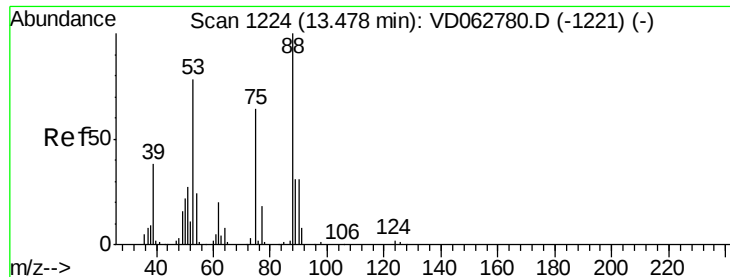
105 100

120 44.7 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): VD062780.D (-1264) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.074 ug/l

RT: 13.46 min Scan# 1222

Delta R.T. -0.02 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD03

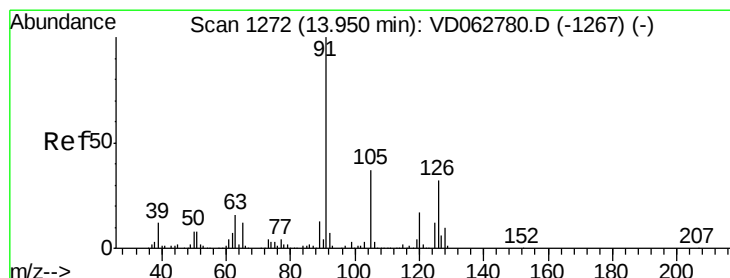
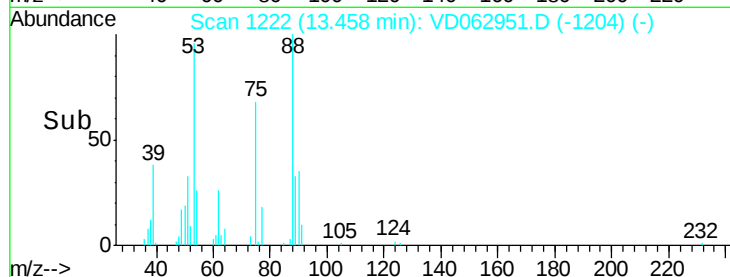
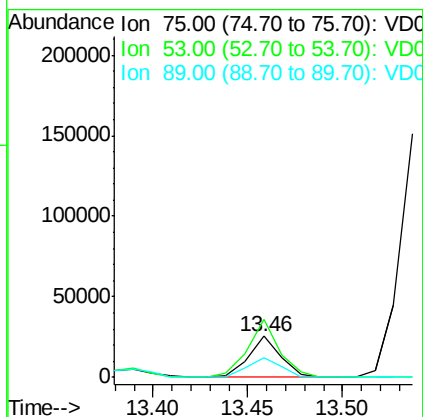
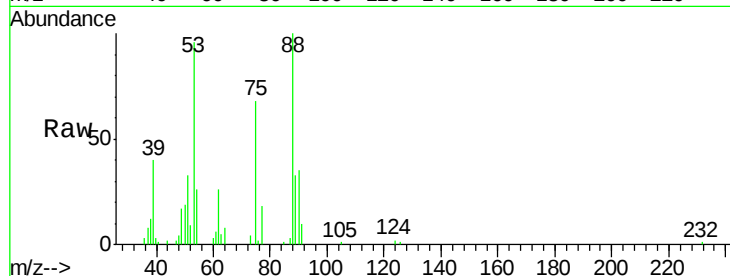
Tot Ion: 75 Resp: 30444

Ion Ratio Lower Upper

75 100

53 140.1 97.8 146.8

89 49.1 39.4 59.2



#82

4-Chlorotoluene

Concen: 18.321 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.02 min

Lab File: VD062951.D

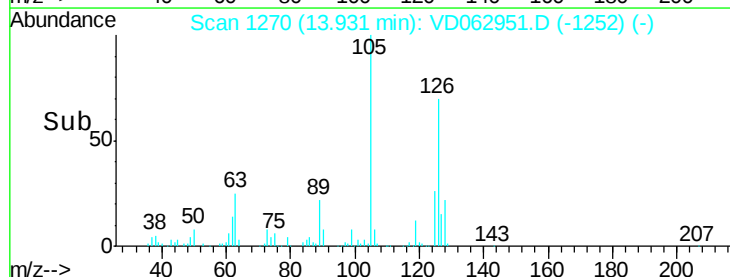
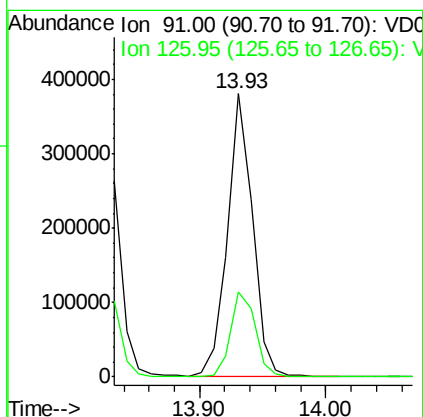
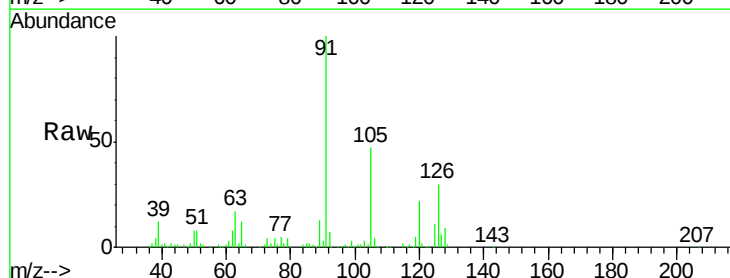
Acq: 28 Jun 2019 2:55

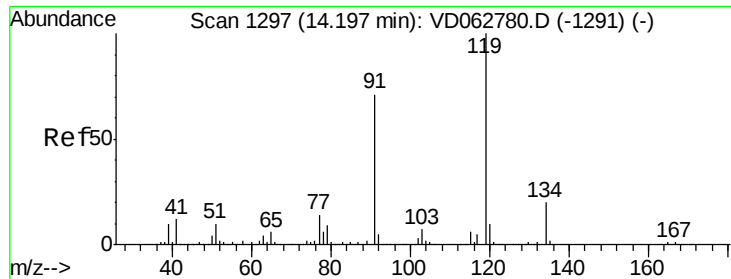
Tgt Ion: 91 Resp: 523678

Ion Ratio Lower Upper

91 100

126 29.9 16.0 47.9

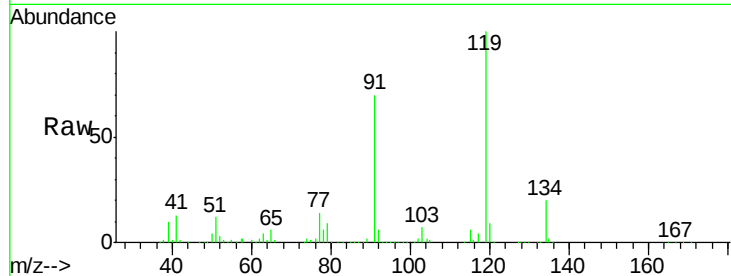




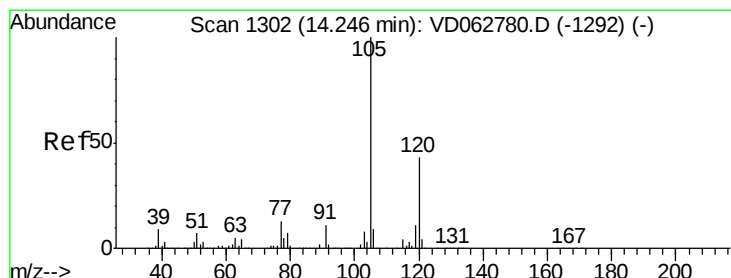
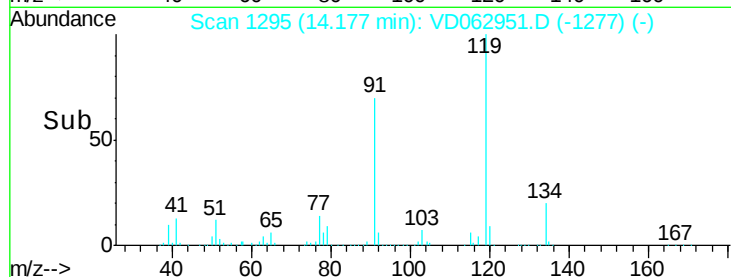
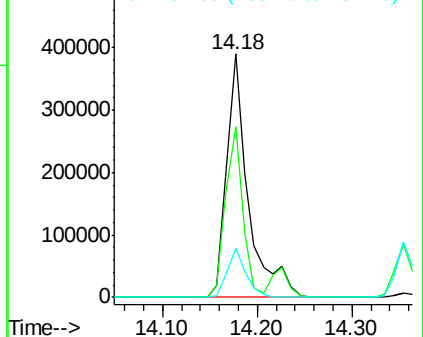
#83  
tert-Butylbenzene  
Concen: 18.401 ug/l  
RT: 14.18 min Scan# 1295  
Delta R.T. -0.02 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

Tot Ion:119 Resp: 614965  
Ion Ratio Lower Upper  
119 100  
91 70.0 35.5 106.5  
134 20.2 10.2 30.6

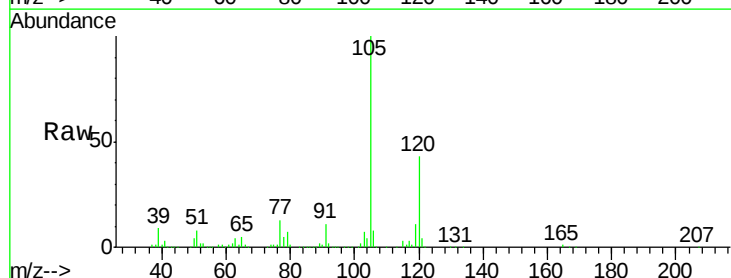


Abundance Ion 119.05 (118.75 to 119.75): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

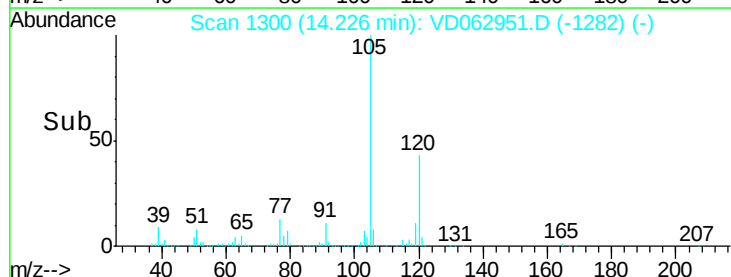
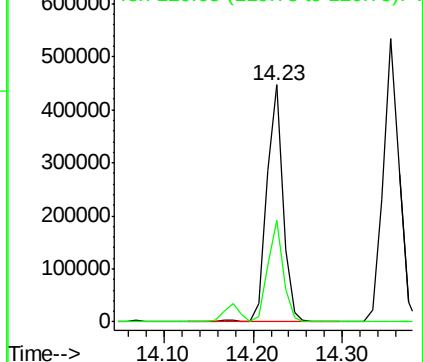


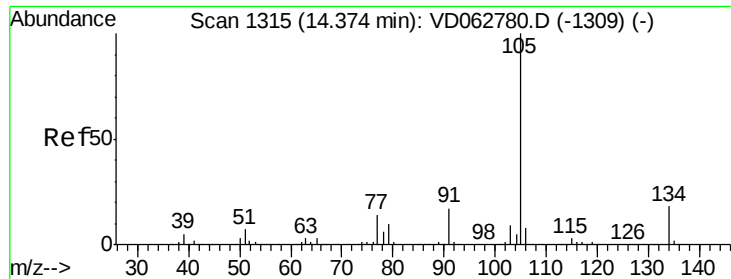
#84  
1,2,4-Trimethylbenzene  
Concen: 17.998 ug/l  
RT: 14.23 min Scan# 1300  
Delta R.T. -0.02 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion:105 Resp: 553078  
Ion Ratio Lower Upper  
105 100  
120 42.6 21.3 63.9



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





#85

sec-Butylbenzene

Concen: 18.105 ug/l

RT: 14.35 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

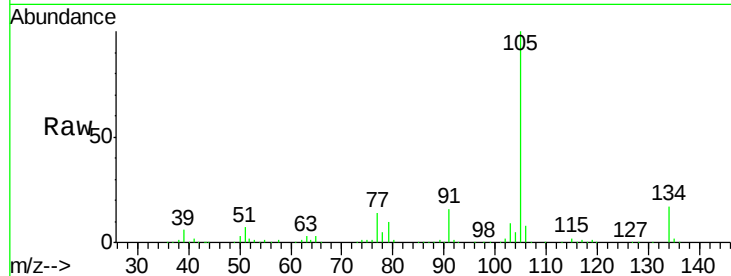
VD0627SBS03

Tot Ion:105 Resp: 657622

Ion Ratio Lower Upper

105 100

134 16.7 9.1 27.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

14.35

600000

500000

400000

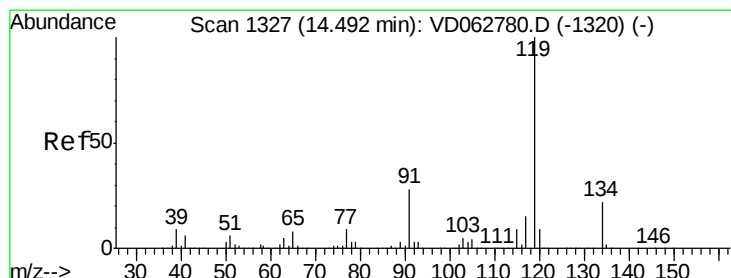
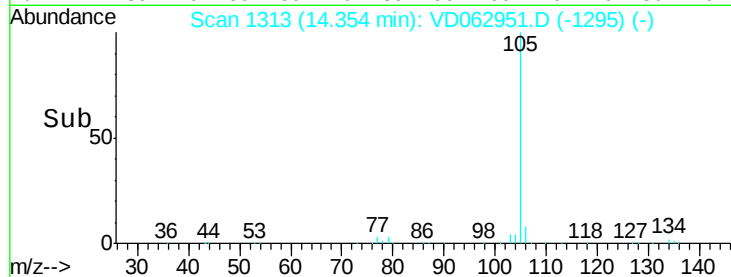
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.527 ug/l

RT: 14.48 min Scan# 1326

Delta R.T. -0.01 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

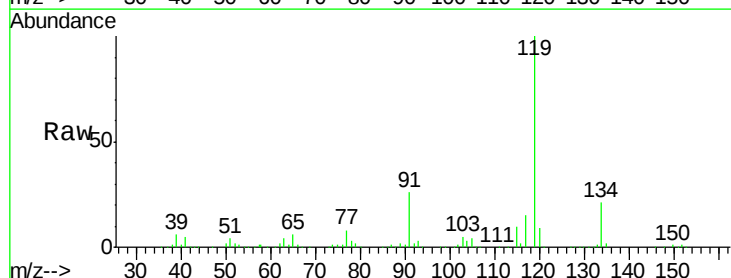
Tgt Ion:119 Resp: 615650

Ion Ratio Lower Upper

119 100

134 21.2 11.1 33.1

91 25.7 14.0 41.9



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

14.48

600000

500000

400000

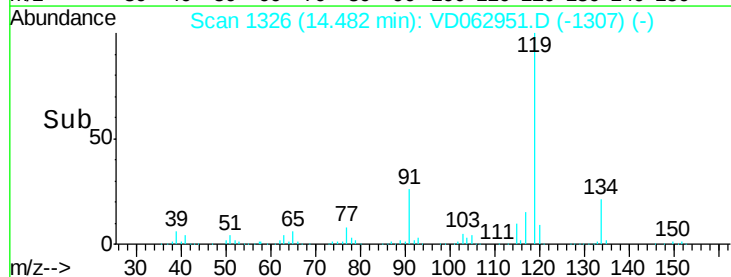
300000

200000

100000

0

Time-->

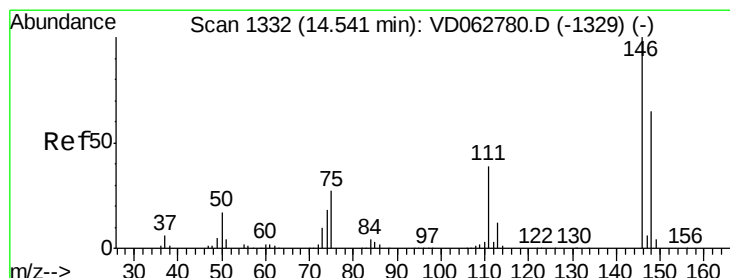
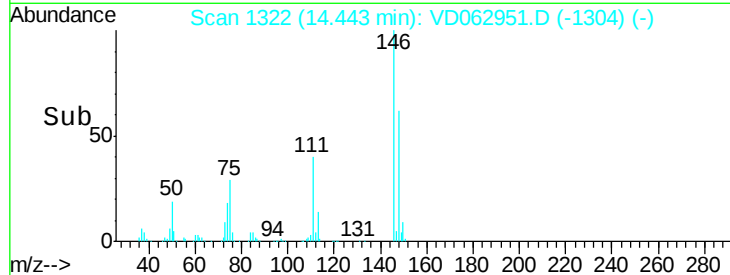
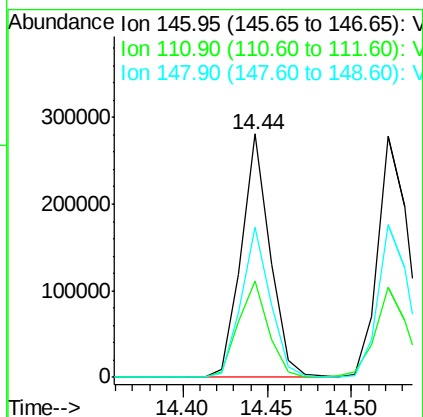
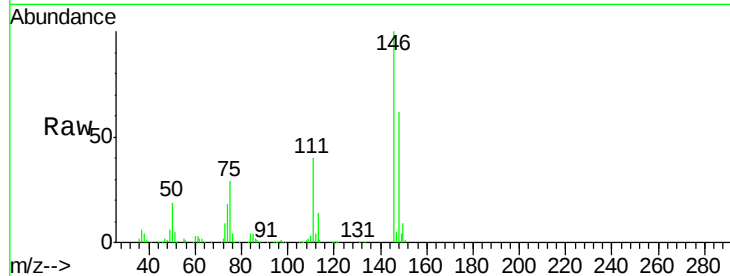




#87  
 1,3-Dichlorobenzene  
 Concen: 19.426 ug/l  
 RT: 14.44 min Scan# 1322  
 Delta R.T. -0.02 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

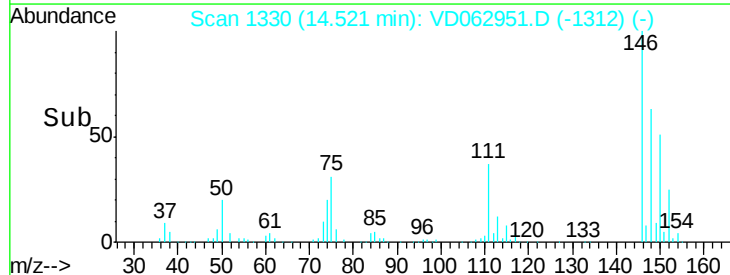
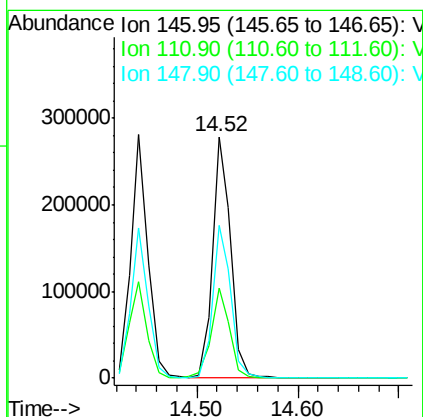
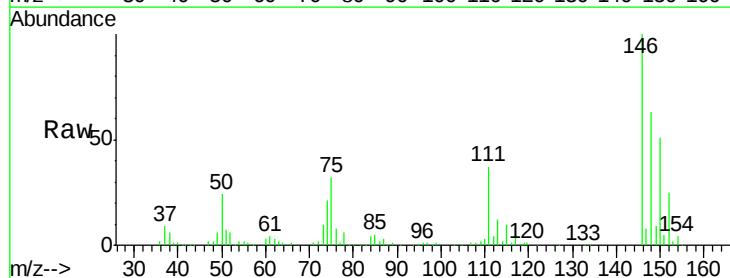
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD03

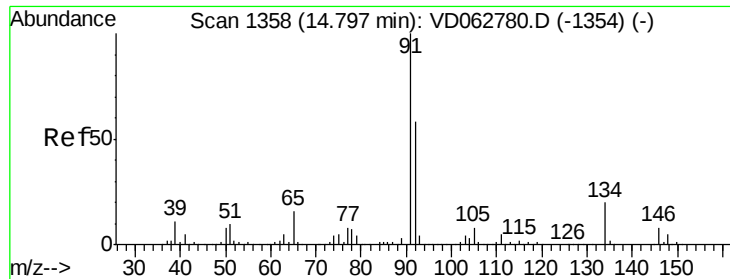
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.7  | 19.0  | 57.0  |
| 148     | 61.8  | 30.8  | 92.3  |



#88  
 1,4-Dichlorobenzene  
 Concen: 20.251 ug/l  
 RT: 14.52 min Scan# 1330  
 Delta R.T. -0.02 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.3  | 19.7  | 59.1  |
| 148     | 63.0  | 32.8  | 98.3  |





#89

n-Butylbenzene

Concen: 14.577 ug/l

RT: 14.79 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VD062951.D

Acq: 28 Jun 2019 2:55

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD03

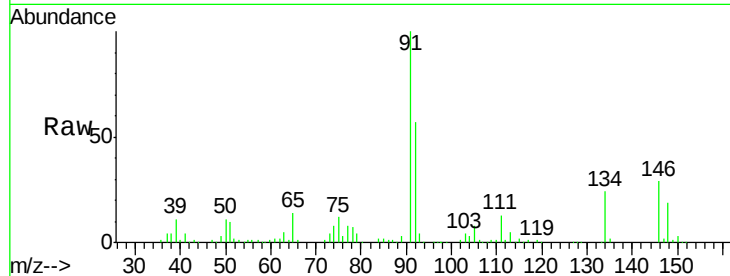
Tot Ion: 91 Resp: 453378

Ion Ratio Lower Upper

91 100

92 57.4 28.9 86.7

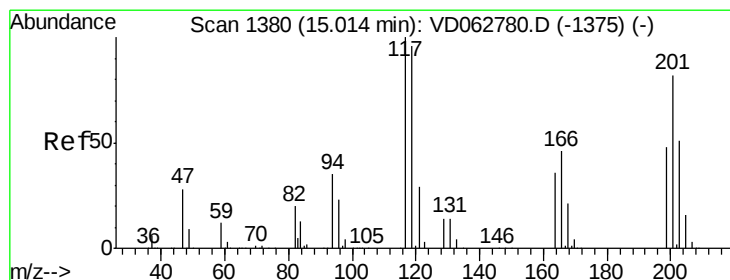
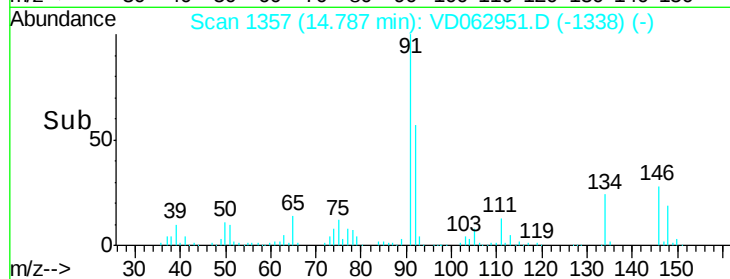
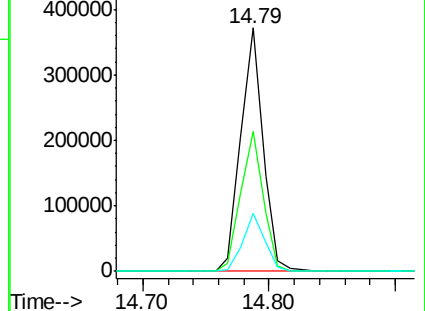
134 23.6 10.1 30.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 17.645 ug/l

RT: 14.99 min Scan# 1378

Delta R.T. -0.02 min

Lab File: VD062951.D

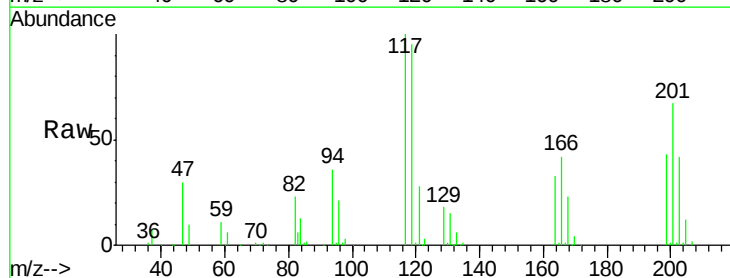
Acq: 28 Jun 2019 2:55

Tgt Ion: 117 Resp: 157646

Ion Ratio Lower Upper

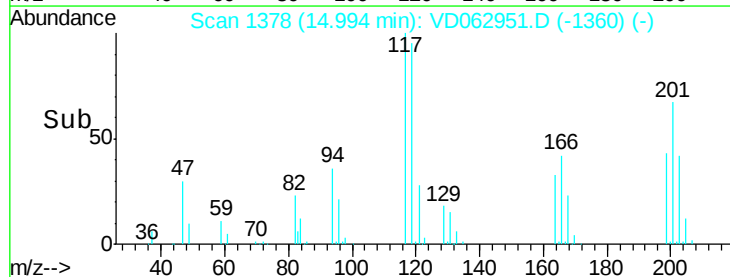
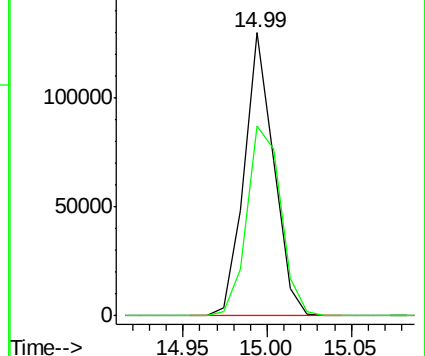
117 100

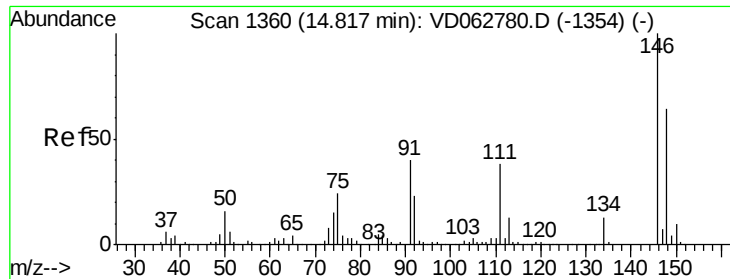
201 67.1 40.8 122.2



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

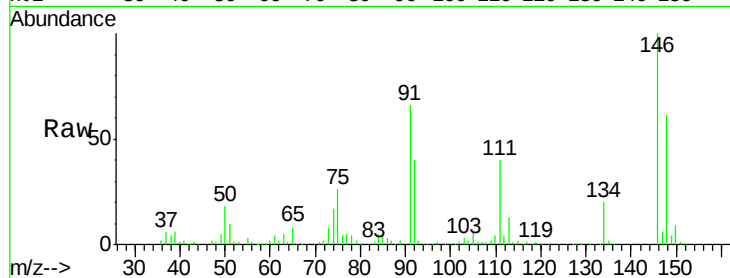




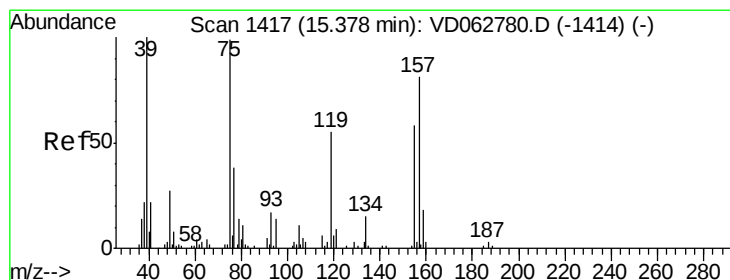
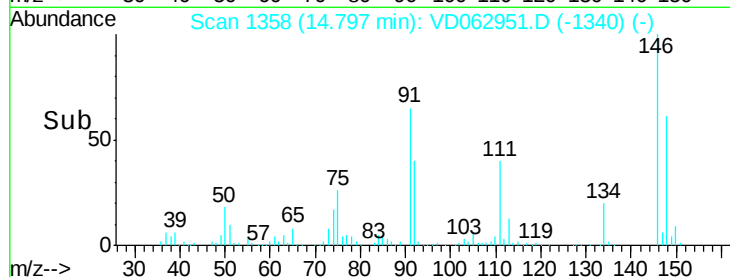
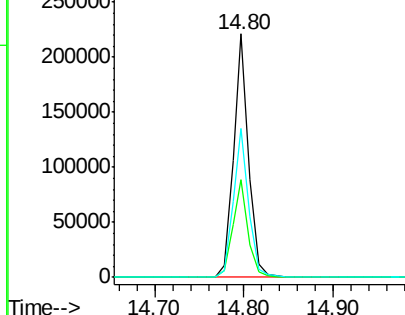
#91  
 1,2-Dichlorobenzene  
 Concen: 17.930 ug/l  
 RT: 14.80 min Scan# 1358  
 Delta R.T. -0.02 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD03

Tot Ion:146 Resp: 264010  
 Ion Ratio Lower Upper  
 146 100  
 111 39.9 19.1 57.1  
 148 60.9 32.3 96.8

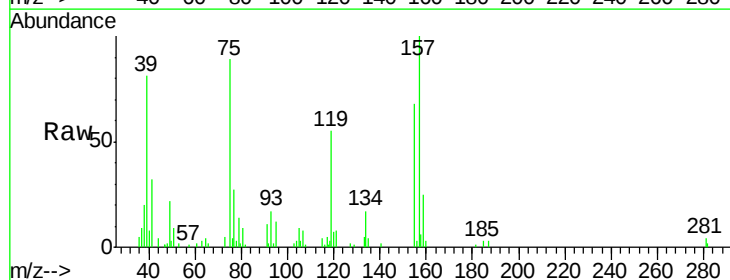


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

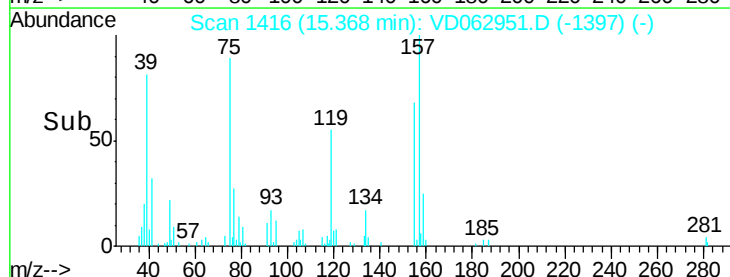
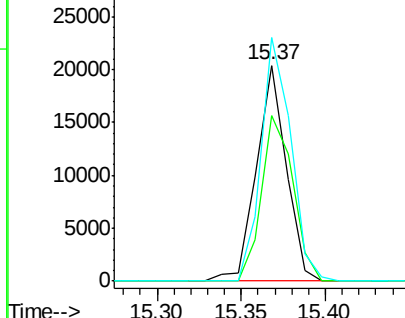


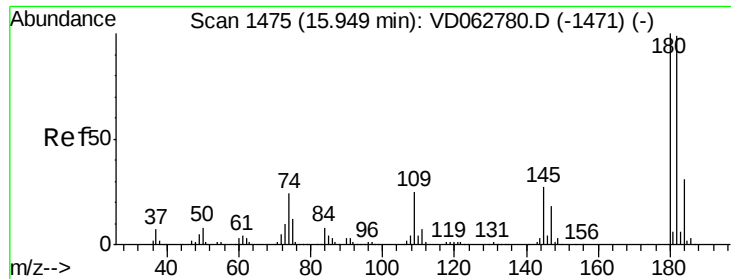
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.955 ug/l  
 RT: 15.37 min Scan# 1416  
 Delta R.T. -0.01 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

Tgt Ion: 75 Resp: 24922  
 Ion Ratio Lower Upper  
 75 100  
 155 76.8 29.3 87.8  
 157 112.9 41.3 123.7



Abundance Ion 75.00 (74.70 to 75.70): V  
 Ion 154.90 (154.60 to 155.60): V  
 Ion 156.85 (156.55 to 157.55): V

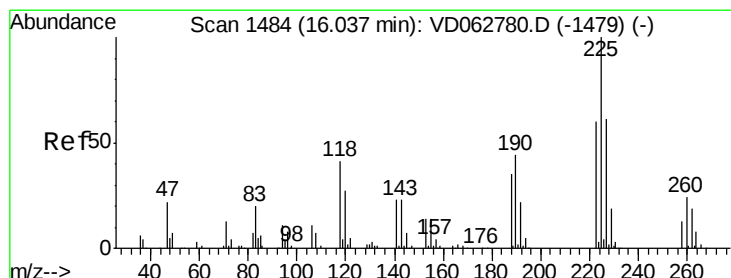
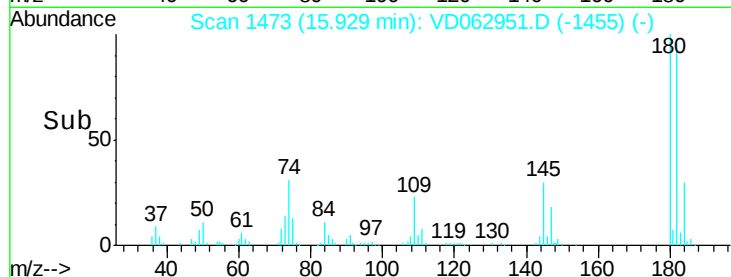
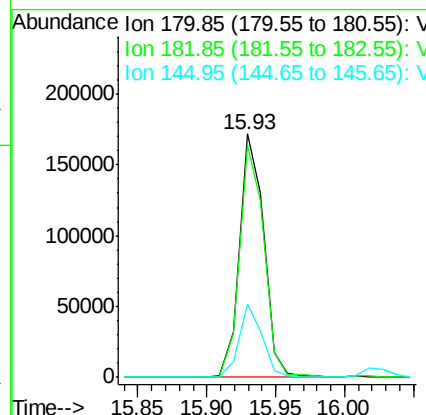
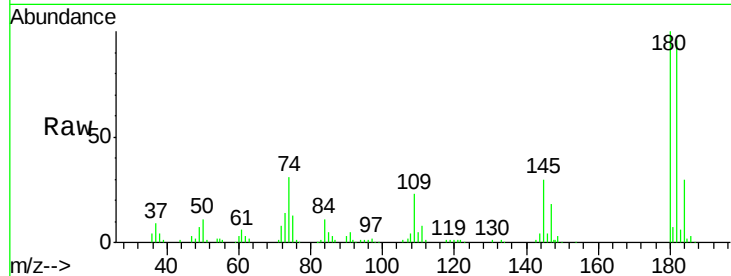




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.493 ug/l  
 RT: 15.93 min Scan# 1473  
 Delta R.T. -0.02 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

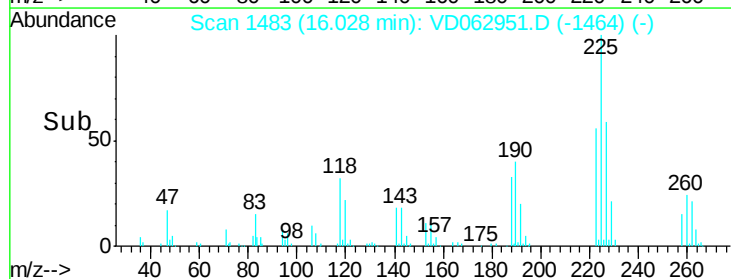
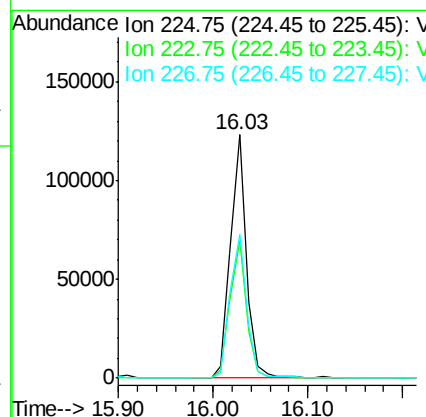
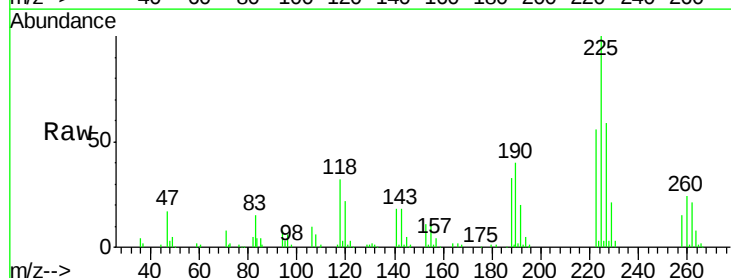
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD03

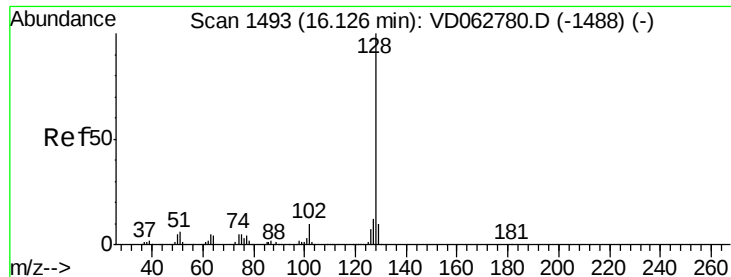
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.6  | 49.5  | 148.5 |
| 145     | 30.3  | 13.7  | 41.0  |



#94  
 Hexachlorobutadiene  
 Concen: 16.327 ug/l  
 RT: 16.03 min Scan# 1483  
 Delta R.T. -0.01 min  
 Lab File: VD062951.D  
 Acq: 28 Jun 2019 2:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 56.2  | 29.8  | 89.5  |
| 227     | 59.1  | 30.6  | 91.6  |

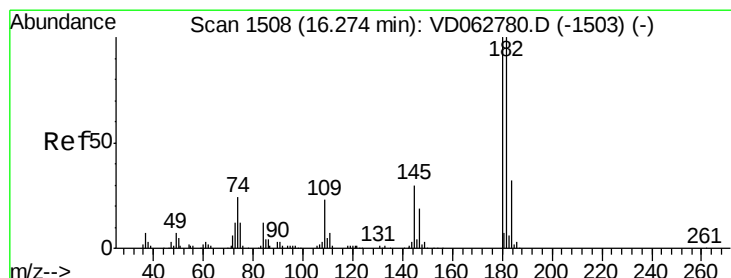
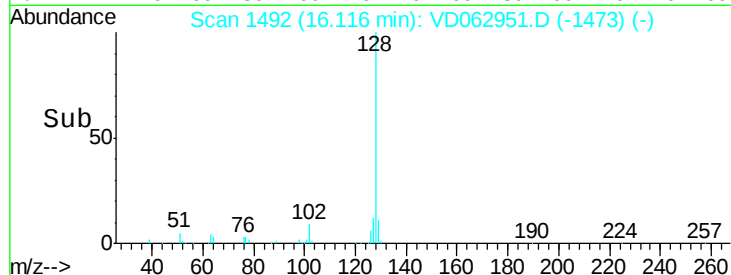
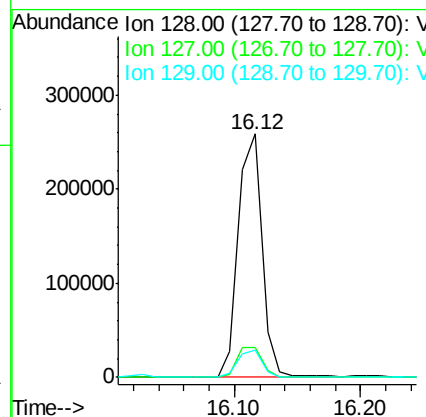
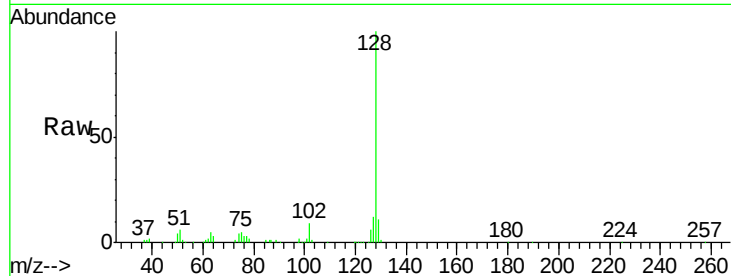




#95  
Naphthalene  
Concen: 20.933 ug/l  
RT: 16.12 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD03

Tot Ion:128 Resp: 337478  
Ion Ratio Lower Upper  
128 100  
127 12.3 9.7 14.5  
129 11.3 8.3 12.5



#96  
1,2,3-Trichlorobenzene  
Concen: 20.305 ug/l  
RT: 16.26 min Scan# 1507  
Delta R.T. -0.01 min  
Lab File: VD062951.D  
Acq: 28 Jun 2019 2:55

Tgt Ion:180 Resp: 179455  
Ion Ratio Lower Upper  
180 100  
182 93.2 49.9 149.6  
145 22.1 15.2 45.5

