

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\  
 Data File : VD062363.D  
 Acq On : 15 May 2019 00:19  
 Operator : FY/SY  
 Sample : VD0514SBS02  
 Misc : 5.00g/5mL/MSVOA D/SOIL  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0514SBS02

Quant Time: May 15 03:30:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 07 14:26:29 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.07  | 168  | 631737   | 50.00 | ug/l  | 0.05     |
| 34) 1,4-Difluorobenzene    | 8.24  | 114  | 839990   | 50.00 | ug/l  | 0.05     |
| 63) Chlorobenzene-d5       | 12.38 | 117  | 663181   | 50.00 | ug/l  | 0.03     |
| 72) 1,4-Dichlorobenzene-d4 | 14.53 | 152  | 401347   | 50.00 | ug/l  | 0.02     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.47  | 65   | 319056   | 54.35 | ug/l    | 0.05     |
| Spiked Amount               |       |      | Recovery | =     | 108.70% |          |
| 35) Dibromofluoromethane    | 6.94  | 113  | 333583   | 47.86 | ug/l    | 0.05     |
| Spiked Amount               |       |      | Recovery | =     | 95.72%  |          |
| 50) Toluene-d8              | 10.42 | 98   | 726490   | 43.23 | ug/l    | 0.03     |
| Spiked Amount               |       |      | Recovery | =     | 86.46%  |          |
| 62) 4-Bromofluorobenzene    | 13.56 | 95   | 327145   | 48.48 | ug/l    | 0.02     |
| Spiked Amount               |       |      | Recovery | =     | 96.96%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.59 | 85   | 117993   | 19.529  | ug/l   | 97     |
| 3) Chloromethane              | 1.75 | 50   | 74297    | 17.018  | ug/l   | 97     |
| 4) Vinyl Chloride             | 1.86 | 62   | 76827    | 17.906  | ug/l   | 94     |
| 5) Bromomethane               | 2.16 | 94   | 28084    | 27.934  | ug/l # | 83     |
| 6) Chloroethane               | 2.26 | 64   | 44267    | 24.587  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 2.54 | 101  | 211066   | 25.303  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.88 | 74   | 26020    | 16.174  | ug/l   | 65     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.16 | 101  | 123310   | 19.542  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.32 | 142  | 119532   | 12.534  | ug/l # | 73     |
| 11) Tert butyl alcohol        | 4.08 | 59   | 28453    | 94.947  | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 3.14 | 96   | 78850    | 16.369  | ug/l # | 78     |
| 13) Acrolein                  | 3.04 | 56   | 17351    | 55.979  | ug/l # | 83     |
| 14) Allyl chloride            | 3.63 | 41   | 129174   | 18.444  | ug/l # | 73     |
| 15) Acrylonitrile             | 4.21 | 53   | 71814    | 91.172  | ug/l   | 93     |
| 16) Acetone                   | 3.24 | 43   | 130017   | 105.604 | ug/l # | 85     |
| 17) Carbon Disulfide          | 3.39 | 76   | 195024   | 14.074  | ug/l   | 97     |
| 18) Methyl Acetate            | 3.65 | 43   | 52436    | 23.654  | ug/l # | 89     |
| 19) Methyl tert-butyl Ether   | 4.25 | 73   | 207704   | 20.117  | ug/l # | 91     |
| 20) Methylene Chloride        | 3.83 | 84   | 95832    | 18.642  | ug/l   | 89     |
| 21) trans-1,2-Dichloroethene  | 4.23 | 96   | 93221    | 17.392  | ug/l   | 92     |
| 22) Diisopropyl ether         | 5.14 | 45   | 280687   | 18.833  | ug/l   | 93     |
| 23) Vinyl Acetate             | 5.08 | 43   | 819815   | 104.257 | ug/l   | 96     |
| 24) 1,1-Dichloroethane        | 5.00 | 63   | 176644   | 19.647  | ug/l   | 98     |
| 25) 2-Butanone                | 6.08 | 43   | 133601   | 99.486  | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 6.03 | 77   | 182336   | 20.359  | ug/l   | 91     |
| 27) cis-1,2-Dichloroethene    | 6.05 | 96   | 105496   | 17.584  | ug/l   | 92     |
| 28) Bromochloromethane        | 6.46 | 49   | 83596    | 23.632  | ug/l   | 90     |
| 29) Tetrahydrofuran           | 6.48 | 42   | 62835    | 101.550 | ug/l   | 94     |
| 30) Chloroform                | 6.68 | 83   | 240627   | 22.207  | ug/l   | 99     |
| 31) Cyclohexane               | 6.97 | 56   | 104885   | 17.028  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 6.89 | 97   | 240525   | 23.485  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.16 | 75   | 148960   | 21.629  | ug/l   | 92     |
| 37) Ethyl Acetate             | 6.20 | 43   | 65500    | 22.426  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.13 | 117  | 227877   | 23.906  | ug/l   | 98     |

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 Sample : VD0514SBS02  
 Misc : 5.00g/5mL/MSVOA D/SOIL  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0514SBS02

Quant Time: May 15 03:30:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 07 14:26:29 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.88  | 83   | 131879   | 19.986  | ug/l   | 97       |
| 40) Benzene                    | 7.47  | 78   | 300847   | 19.345  | ug/l   | 100      |
| 41) Methacrylonitrile          | 6.46  | 41   | 80696    | 22.609  | ug/l # | 90       |
| 42) 1,2-Dichloroethane         | 7.59  | 62   | 166302   | 25.239  | ug/l   | 94       |
| 43) Isopropyl Acetate          | 9.25  | 43   | 88626    | 21.396  | ug/l   | 89       |
| 44) Trichloroethene            | 8.55  | 130  | 112782   | 19.031  | ug/l   | 80       |
| 45) 1,2-Dichloropropane        | 8.96  | 63   | 78066    | 20.294  | ug/l   | 99       |
| 46) Dibromomethane             | 9.07  | 93   | 68028    | 21.747  | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.39  | 83   | 171698   | 22.440  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.13  | 41   | 62463    | 24.481  | ug/l # | 78       |
| 49) 1,4-Dioxane                | 9.10  | 88   | 10945    | 397.580 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.31 | 43   | 273157   | 102.587 | ug/l   | 90       |
| 52) Toluene                    | 10.52 | 92   | 196749   | 19.444  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.92 | 75   | 136095   | 20.580  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.05 | 75   | 147220   | 20.406  | ug/l # | 81       |
| 55) 1,1,2-Trichloroethane      | 11.20 | 97   | 73597    | 20.556  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 11.05 | 69   | 71446    | 19.204  | ug/l # | 81       |
| 57) 1,3-Dichloropropane        | 11.42 | 76   | 113012   | 20.894  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.87  | 63   | 220641   | 108.572 | ug/l   | 95       |
| 59) 2-Hexanone                 | 11.54 | 43   | 212719   | 108.392 | ug/l   | 91       |
| 60) Dibromochloromethane       | 11.69 | 129  | 128362   | 20.746  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 11.82 | 107  | 87200    | 20.033  | ug/l   | 96       |
| 64) Tetrachloroethene          | 11.27 | 164  | 106560   | 20.548  | ug/l   | 96       |
| 65) Chlorobenzene              | 12.41 | 112  | 254934   | 20.639  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.52 | 131  | 123329   | 22.942  | ug/l   | 94       |
| 67) Ethyl Benzene              | 12.53 | 91   | 458209   | 22.158  | ug/l   | 90       |
| 68) m/p-Xylenes                | 12.68 | 106  | 297786   | 39.581  | ug/l   | 86       |
| 69) o-Xylene                   | 13.06 | 106  | 141590   | 20.243  | ug/l   | 82       |
| 70) Styrene                    | 13.08 | 104  | 242585   | 20.473  | ug/l # | 93       |
| 71) Bromoform                  | 13.25 | 173  | 84231    | 22.521  | ug/l # | 96       |
| 73) Isopropylbenzene           | 13.41 | 105  | 461680   | 19.190  | ug/l   | 95       |
| 74) N-amyl acetate             | 13.28 | 43   | 115660   | 18.337  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.71 | 83   | 85446    | 18.761  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 102624   | 21.516  | ug/l   | 97       |
| 77) Bromobenzene               | 13.68 | 156  | 121256   | 18.005  | ug/l   | 98       |
| 78) n-propylbenzene            | 13.78 | 91   | 541907   | 18.883  | ug/l   | 91       |
| 79) 2-Chlorotoluene            | 13.85 | 91   | 329353   | 20.038  | ug/l   | 88       |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 363130   | 17.925  | ug/l   | 87       |
| 81) trans-1,4-Dichloro-2-buten | 13.48 | 75   | 23105    | 17.159  | ug/l # | 76       |
| 82) 4-Chlorotoluene            | 13.96 | 91   | 383735   | 19.840  | ug/l   | 88       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 442304   | 19.424  | ug/l   | 83       |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 424508   | 20.881  | ug/l   | 87       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 496464   | 19.886  | ug/l   | 93       |
| 86) p-Isopropyltoluene         | 14.50 | 119  | 415670   | 18.635  | ug/l   | 91       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 216707   | 17.615  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 14.55 | 146  | 231454   | 19.147  | ug/l   | 96       |
| 89) n-Butylbenzene             | 14.80 | 91   | 405796   | 20.269  | ug/l   | 94       |
| 90) Hexachloroethane           | 15.01 | 117  | 117388   | 19.352  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 195214   | 19.267  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 14957    | 20.006  | ug/l   | 52       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051419\  
Data File : VD062363.D  
Acq On : 15 May 2019 00:19  
Operator : FY/SY  
Sample : VD0514SBS02  
Misc : 5.00µ/5mL/MSVOA D/SOIL  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

Quant Time: May 15 03:30:20 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 07 14:26:29 2019  
Response via : Initial Calibration

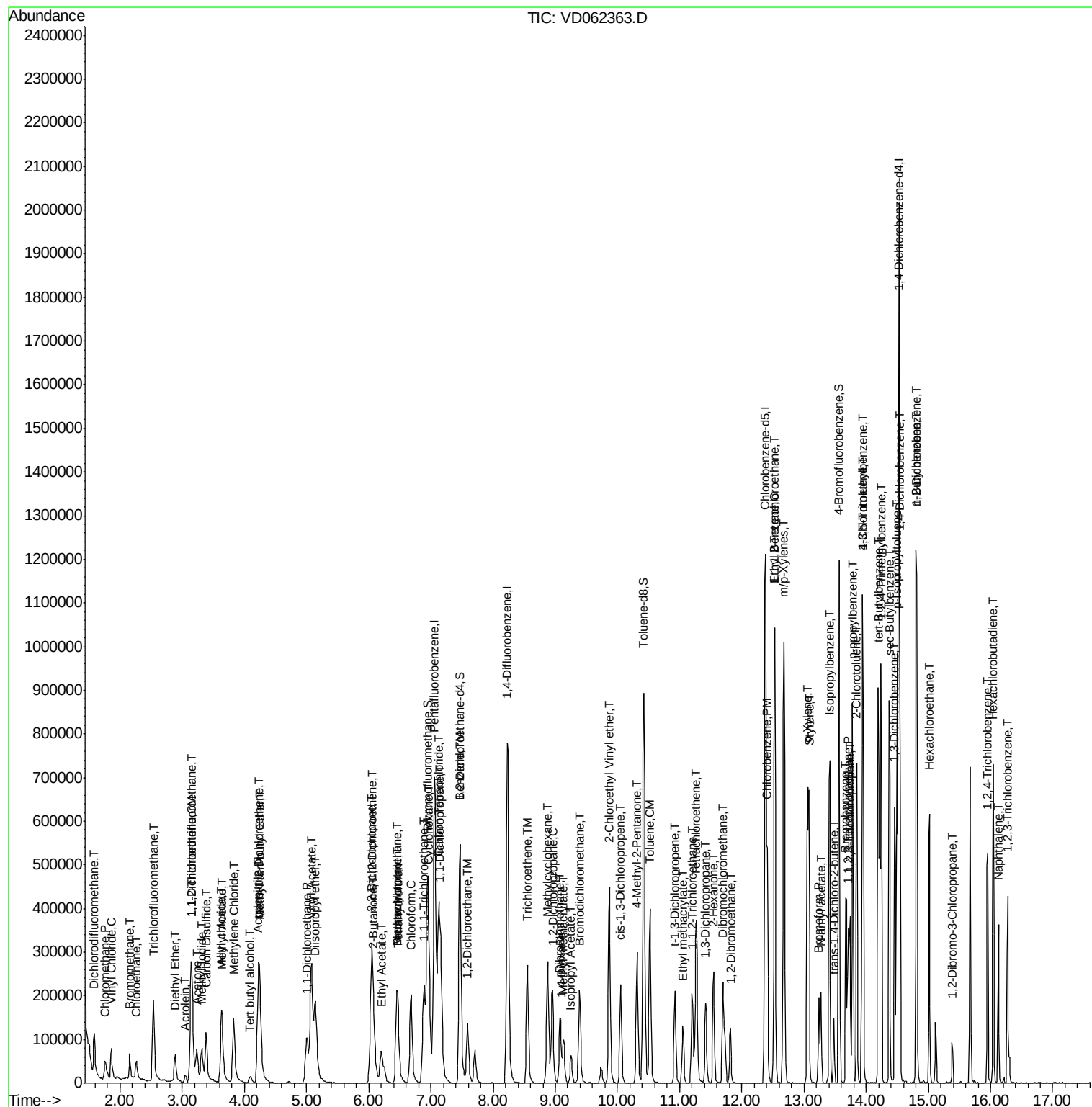
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180  | 144459   | 19.588 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 111511   | 20.330 | ug/l  | 98       |
| 95) Naphthalene            | 16.13 | 128  | 196761   | 19.111 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.28 | 180  | 105559   | 22.766 | ug/l  | 95       |

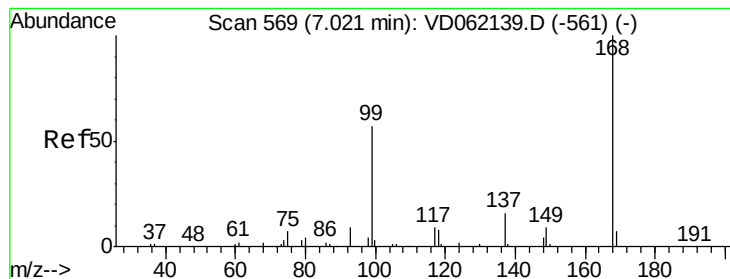
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051419\  
Data File : VD062363.D  
Acq On : 15 May 2019 00:19  
Operator : FY/SY  
Sample : VD0514SBS02  
Misc : 5.00µL/MSVOA D/SOIL  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

Quant Time: May 15 03:30:20 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 07 14:26:29 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

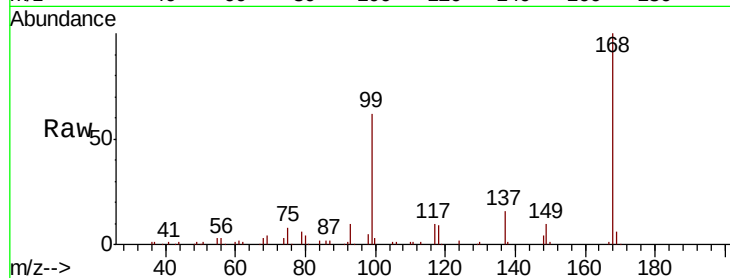
VD0514SBS02

Tot Ion:168 Resp: 631737

Ion Ratio Lower Upper

168 100

99 62.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

250000

200000

150000

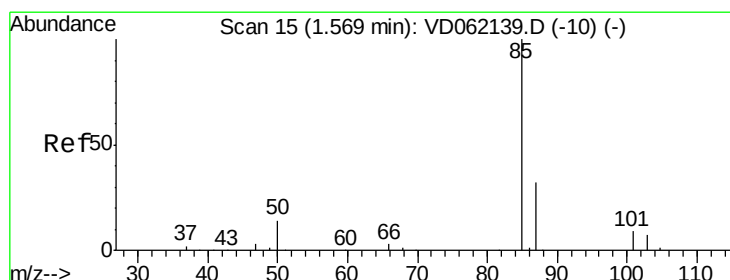
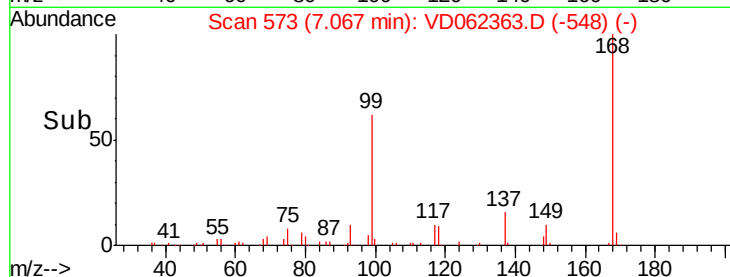
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 19.529 ug/l

RT: 1.59 min Scan# 16

Delta R.T. 0.02 min

Lab File: VD062363.D

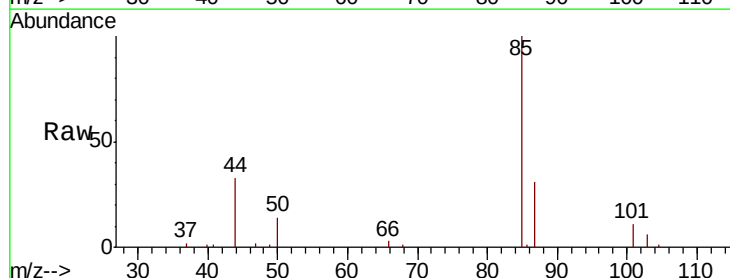
Acq: 15 May 2019 00:19

Tgt Ion: 85 Resp: 117993

Ion Ratio Lower Upper

85 100

87 30.7 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.59

60000

50000

40000

30000

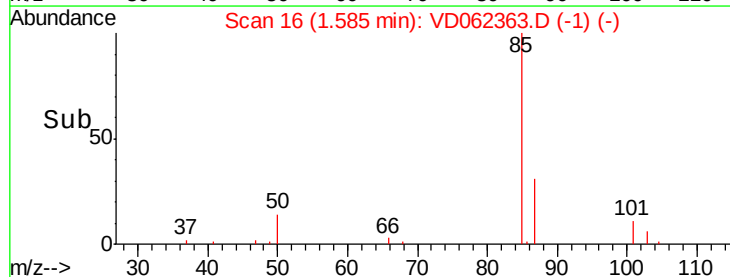
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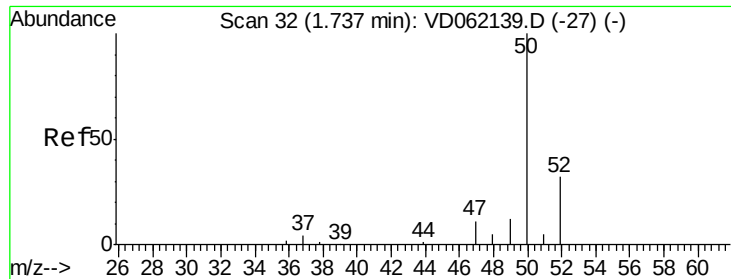
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0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 17.018 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.02 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

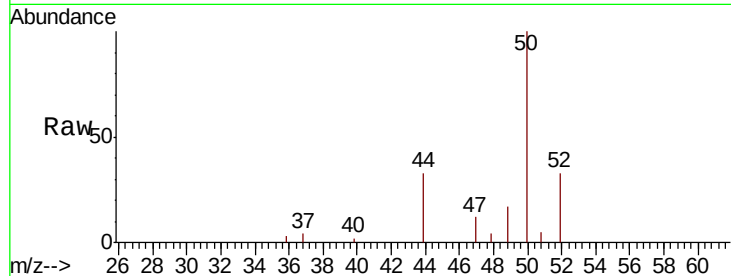
VD0514SBS02

Tot Ion: 50 Resp: 74297

Ion Ratio Lower Upper

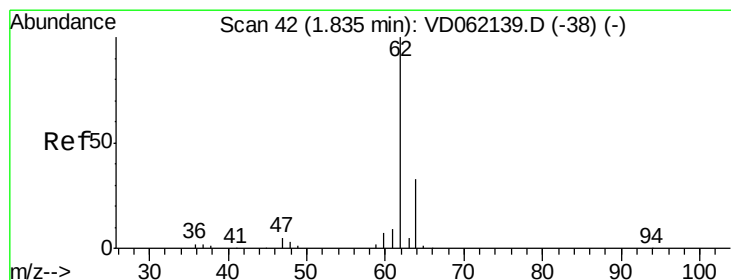
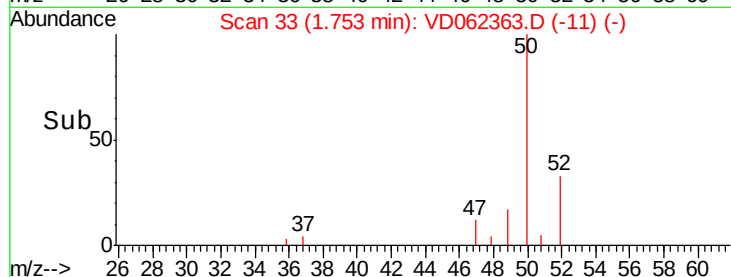
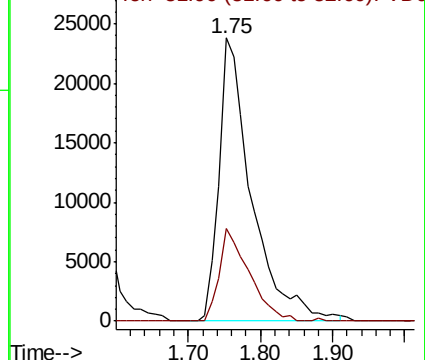
50 100

52 32.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 17.906 ug/l

RT: 1.86 min Scan# 44

Delta R.T. 0.03 min

Lab File: VD062363.D

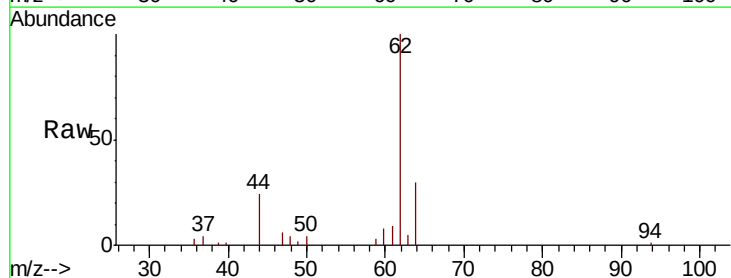
Acq: 15 May 2019 00:19

Tgt Ion: 62 Resp: 76827

Ion Ratio Lower Upper

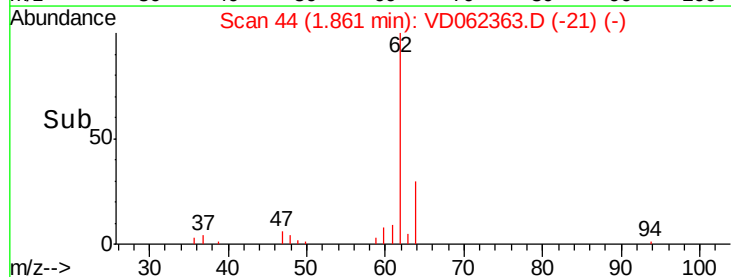
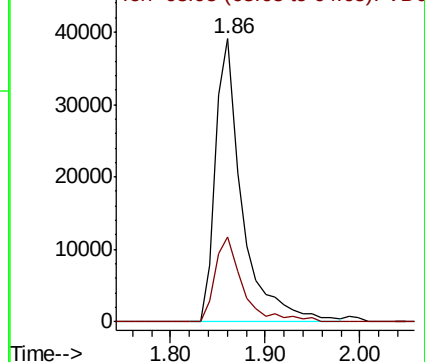
62 100

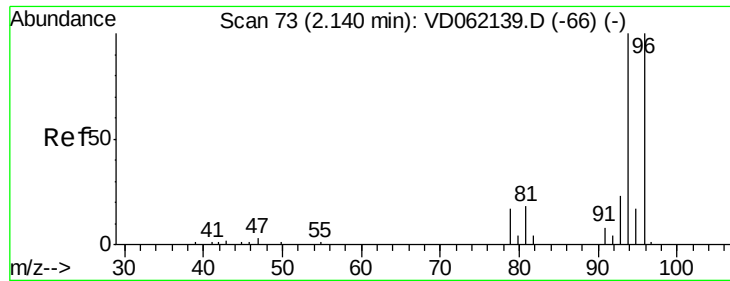
64 29.8 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 27.934 ug/l

RT: 2.16 min Scan# 74

Delta R.T. 0.02 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0514SBS02

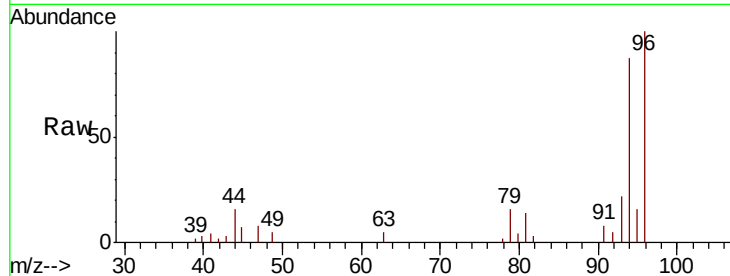
Tot Ion: 94 Resp: 28084

Ion Ratio Lower Upper

94 100

96 115.4 76.6 115.0#

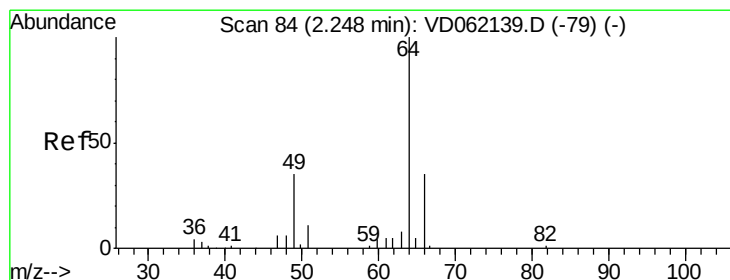
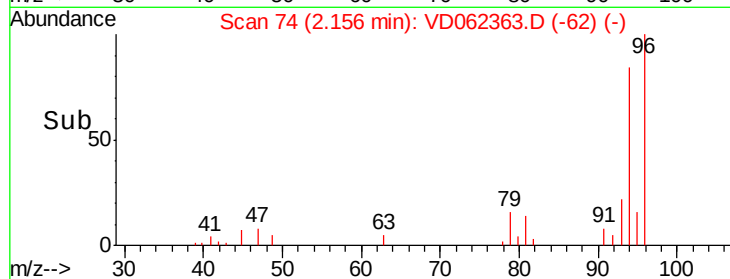
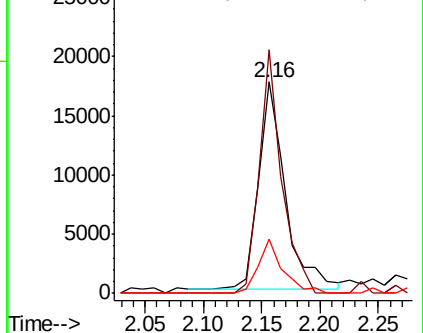
93 25.6 18.5 27.7



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: 24.587 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.02 min

Lab File: VD062363.D

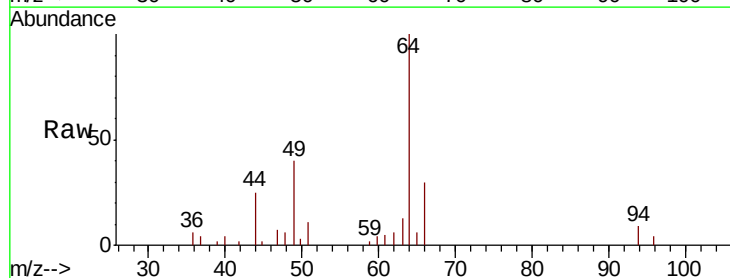
Acq: 15 May 2019 00:19

Tgt Ion: 64 Resp: 44267

Ion Ratio Lower Upper

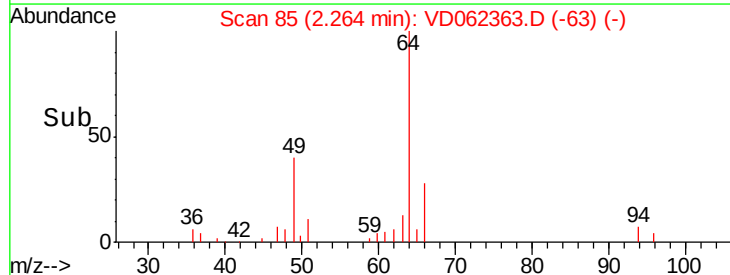
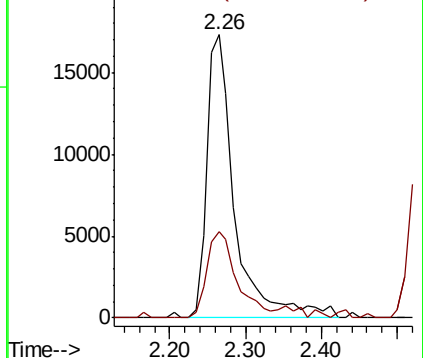
64 100

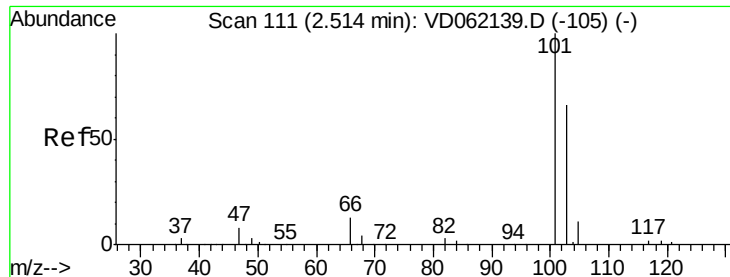
66 30.5 25.6 38.4



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



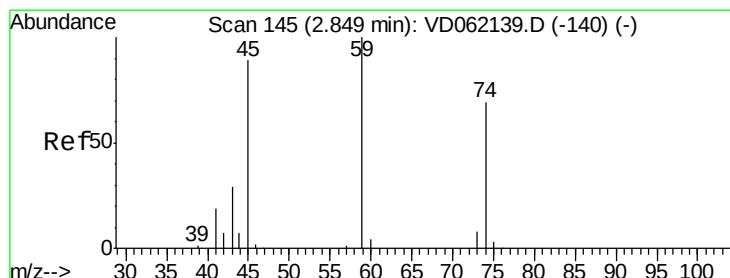
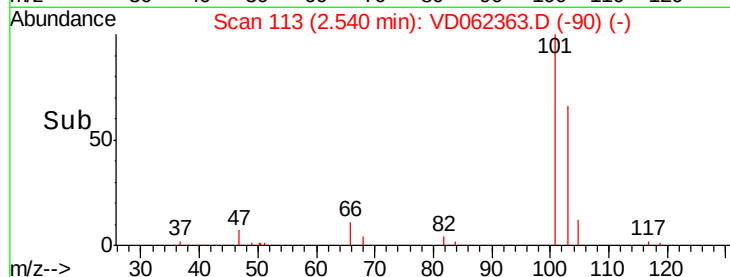
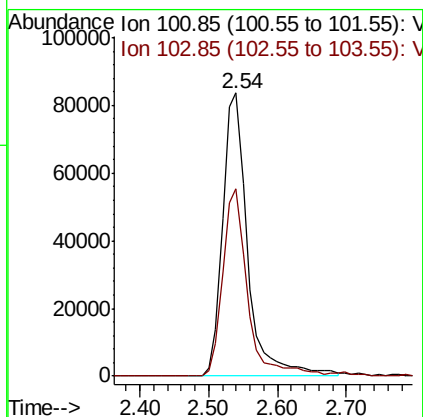
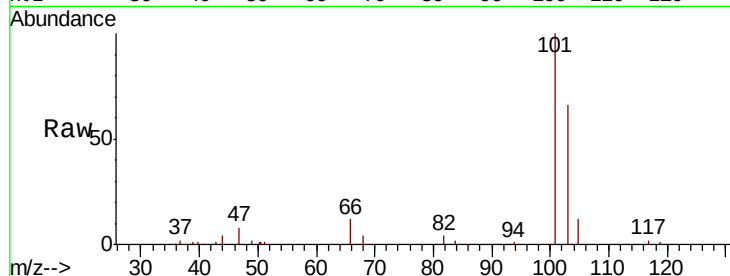


#7

Trichlorofluoromethane  
Concen: 25.303 ug/l  
RT: 2.54 min Scan# 113  
Delta R.T. 0.03 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

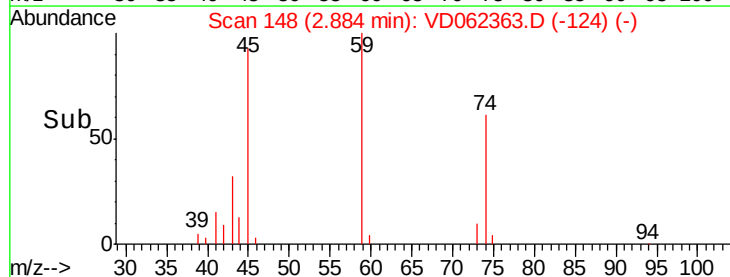
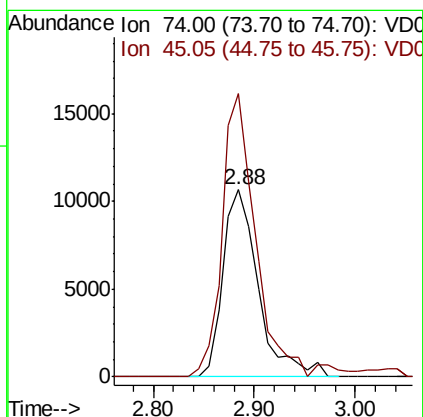
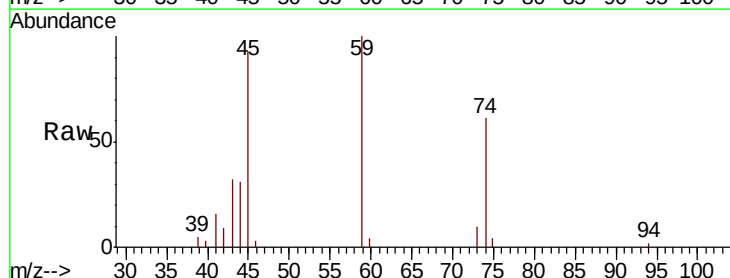
Tot Ion:101 Resp: 211066  
Ion Ratio Lower Upper  
101 100  
103 66.4 53.6 80.4



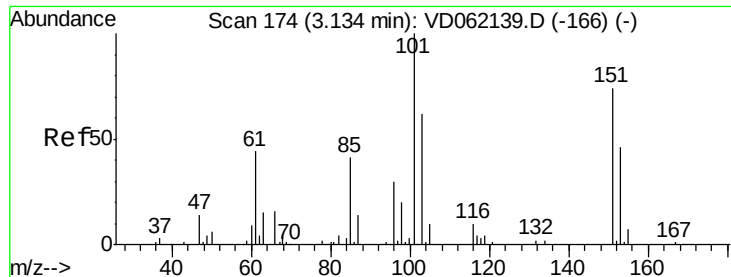
#8

Diethyl Ether  
Concen: 16.174 ug/l  
RT: 2.88 min Scan# 148  
Delta R.T. 0.04 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion: 74 Resp: 26020  
Ion Ratio Lower Upper  
74 100  
45 151.4 56.9 170.7







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.542 ug/l

RT: 3.16 min Scan# 176

Delta R.T. 0.03 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0514SBS02

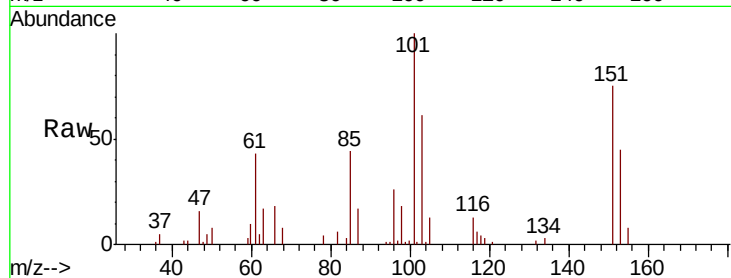
Tot Ion:101 Resp: 123310

Ion Ratio Lower Upper

101 100

85 44.3 32.4 48.6

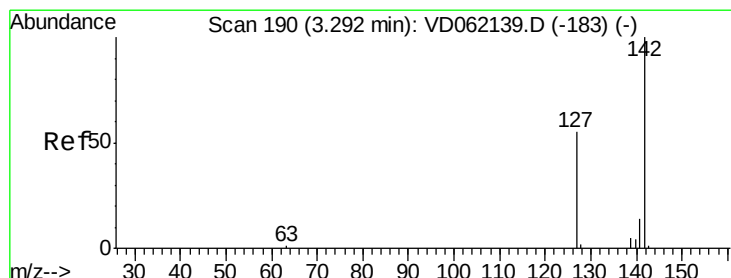
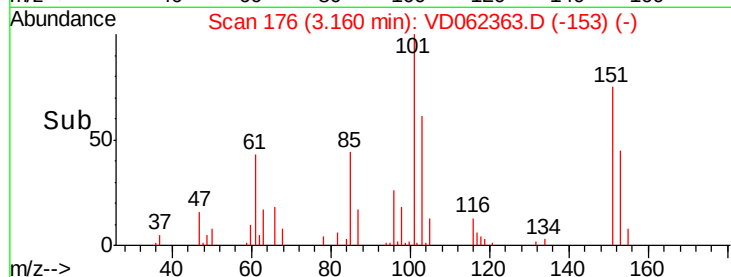
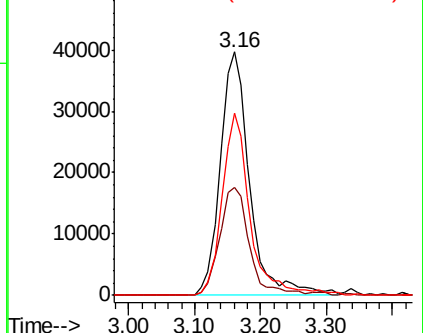
151 75.0 59.4 89.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 12.534 ug/l

RT: 3.32 min Scan# 192

Delta R.T. 0.03 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

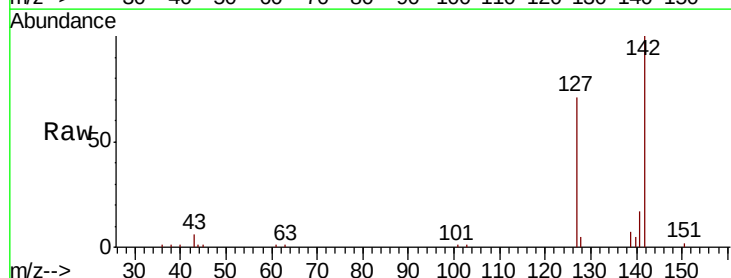
Tgt Ion:142 Resp: 119532

Ion Ratio Lower Upper

142 100

127 71.3 38.8 58.2#

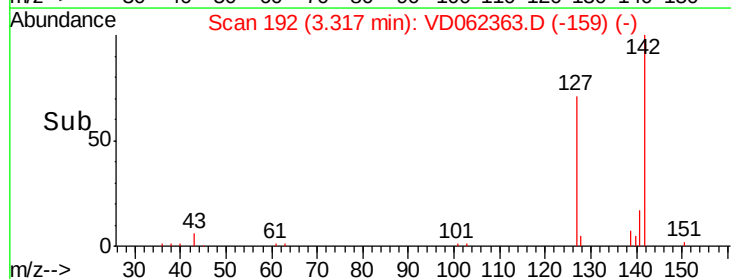
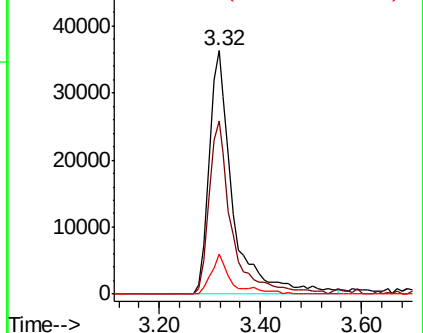
141 16.7 11.4 17.0

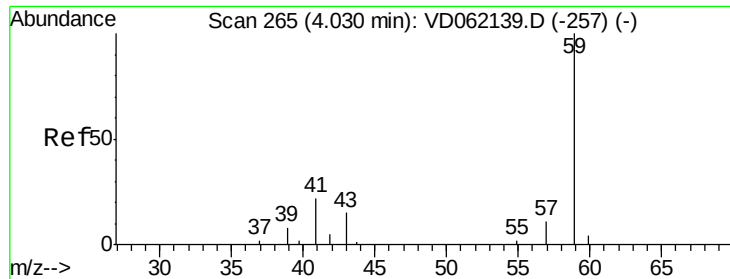


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 94.947 ug/l

RT: 4.08 min Scan# 270

Delta R.T. 0.06 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

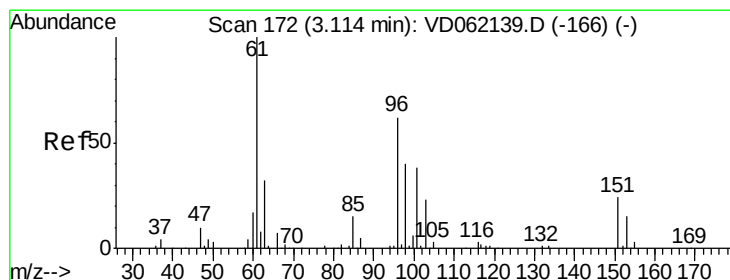
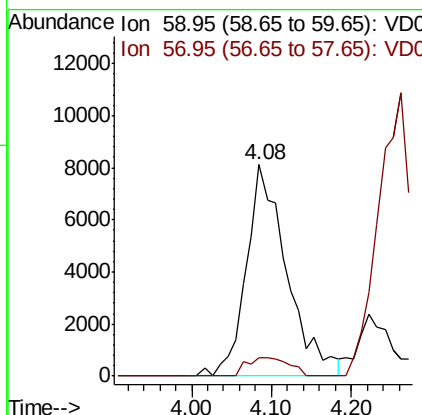
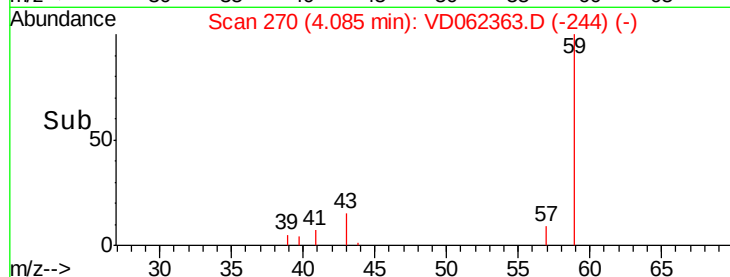
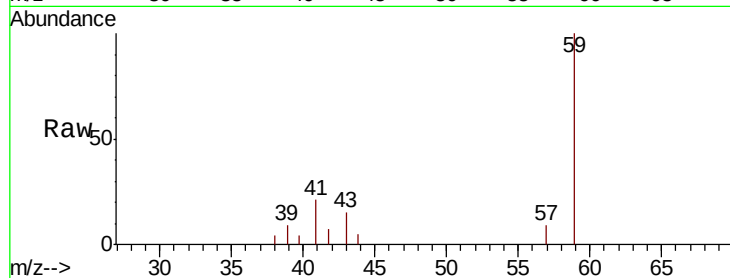
VD0514SBS02

Tot Ion: 59 Resp: 28453

Ion Ratio Lower Upper

59 100

57 8.9 6.9 10.3



#12

1,1-Dichloroethene

Concen: 16.369 ug/l

RT: 3.14 min Scan# 174

Delta R.T. 0.03 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

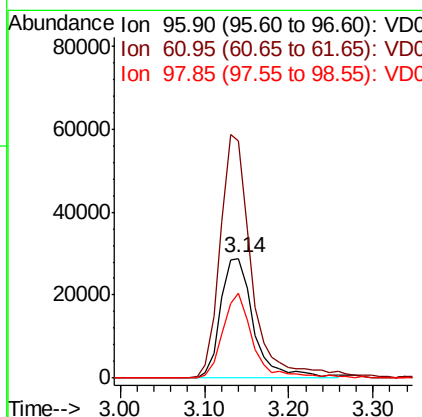
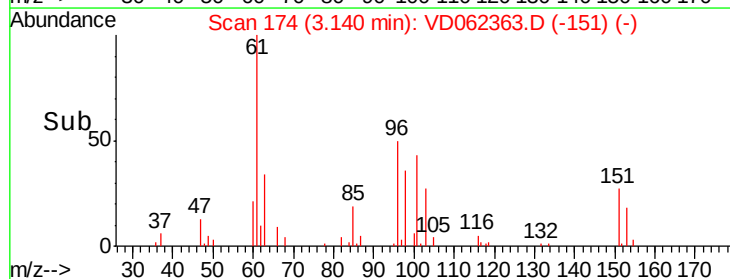
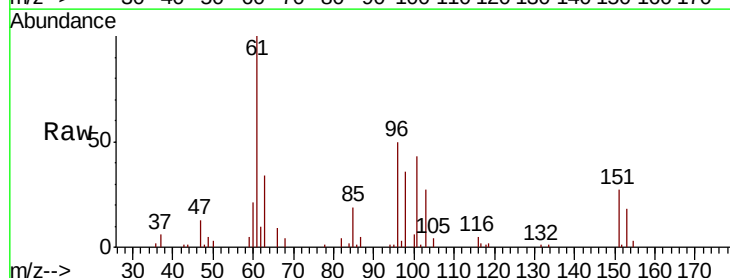
Tgt Ion: 96 Resp: 78850

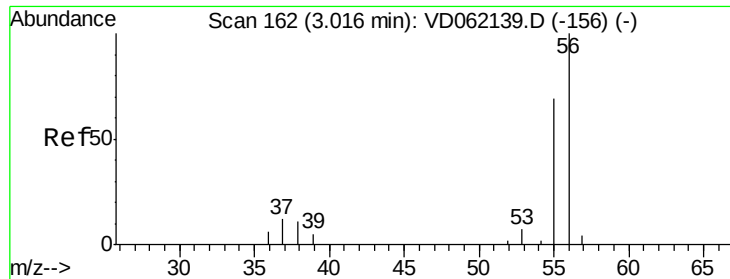
Ion Ratio Lower Upper

96 100

61 198.6 129.8 194.8#

98 71.1 51.2 76.8





#13

Acrolein

Concen: 55.979 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.03 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

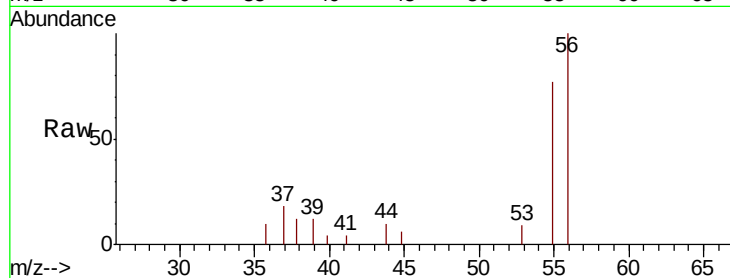
VD0514SBS02

Tot Ion: 56 Resp: 17351

Ion Ratio Lower Upper

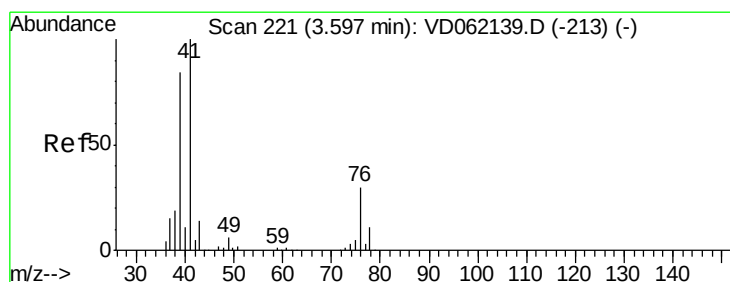
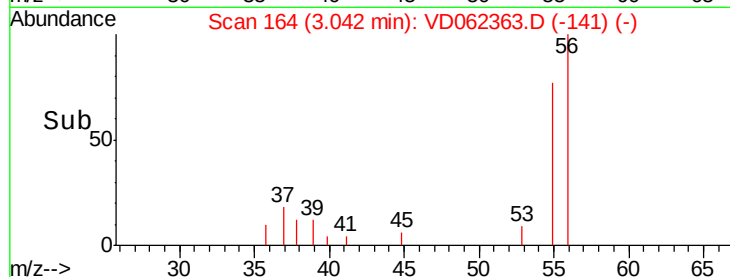
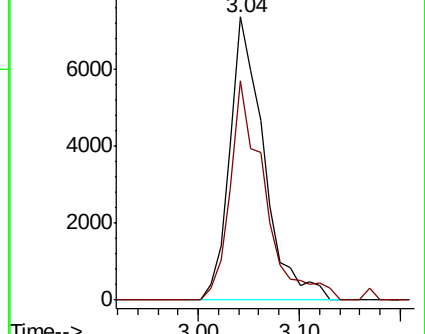
56 100

55 77.4 51.4 77.2#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.444 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.04 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

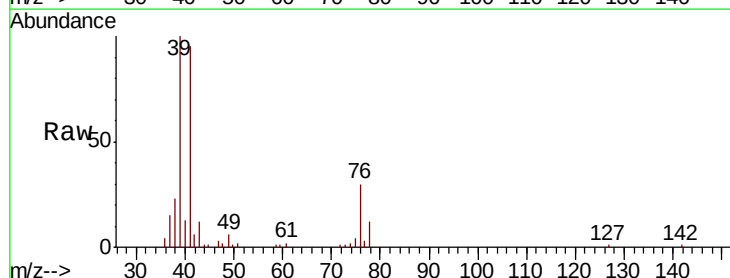
Tgt Ion: 41 Resp: 129174

Ion Ratio Lower Upper

41 100

39 105.8 60.5 90.7#

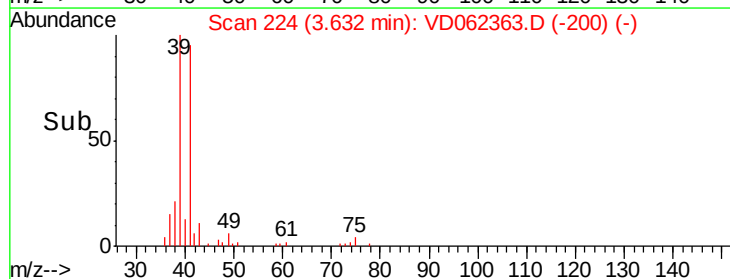
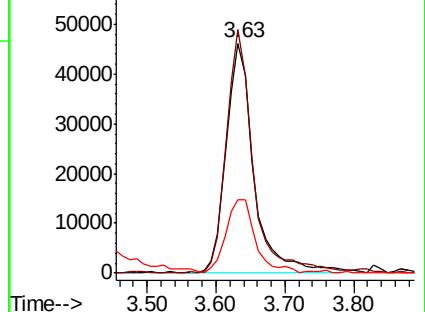
76 32.1 31.8 47.8

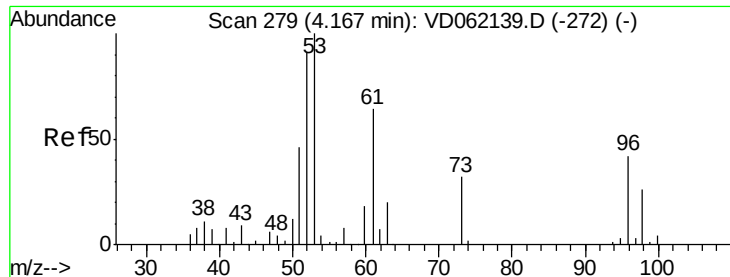


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 91.172 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.05 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0514SBS02

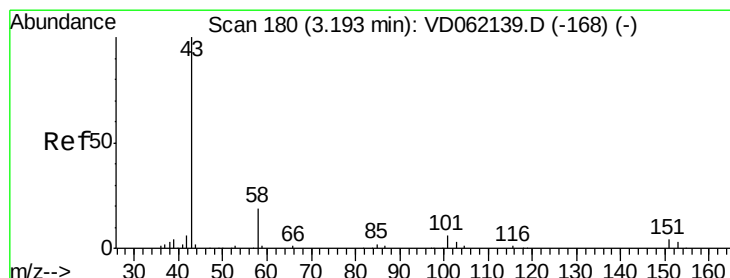
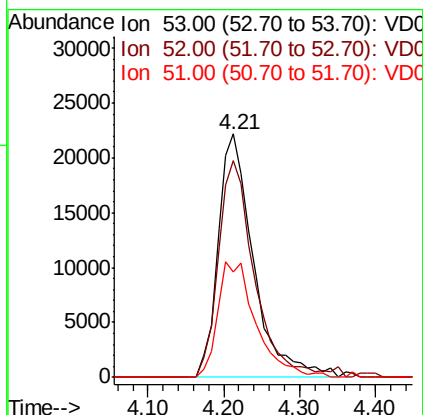
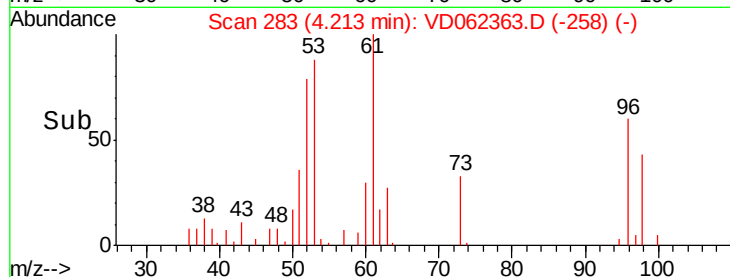
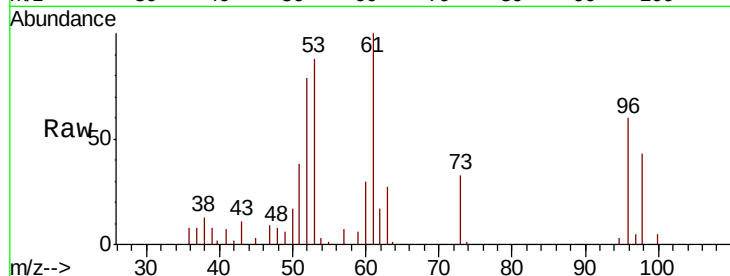
Tot Ion: 53 Resp: 71814

Ion Ratio Lower Upper

53 100

52 89.1 65.0 97.4

51 43.3 32.6 48.8



#16

Acetone

Concen: 105.604 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.05 min

Lab File: VD062363.D

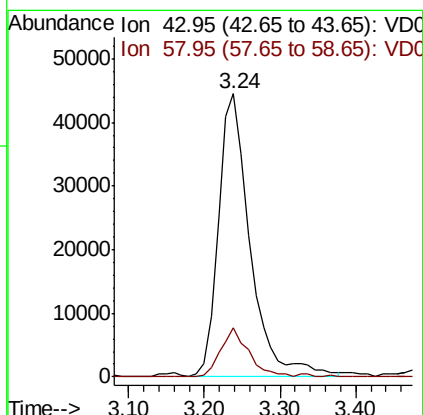
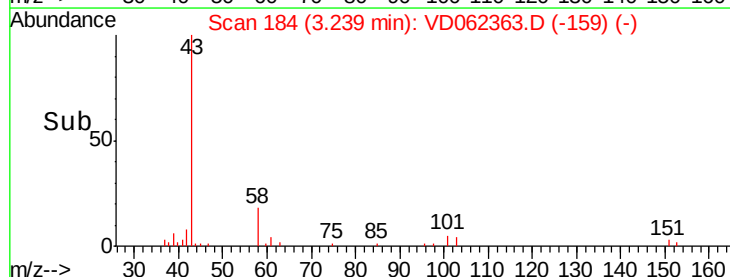
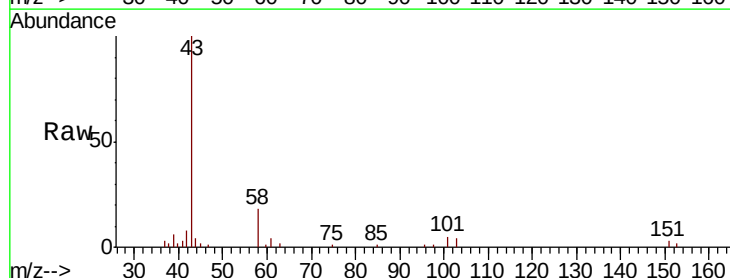
Acq: 15 May 2019 00:19

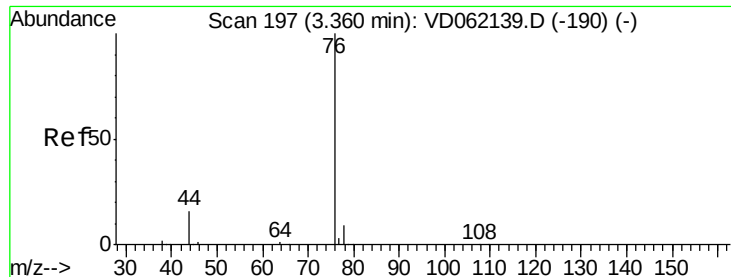
Tgt Ion: 43 Resp: 130017

Ion Ratio Lower Upper

43 100

58 17.5 19.9 29.9#





#17

Carbon Disulfide

Concen: 14.074 ug/l

RT: 3.39 min Scan# 199

Delta R.T. 0.03 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

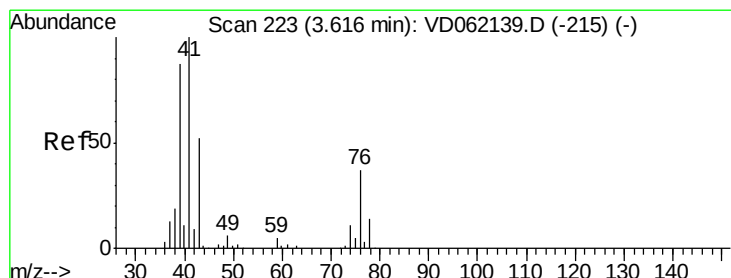
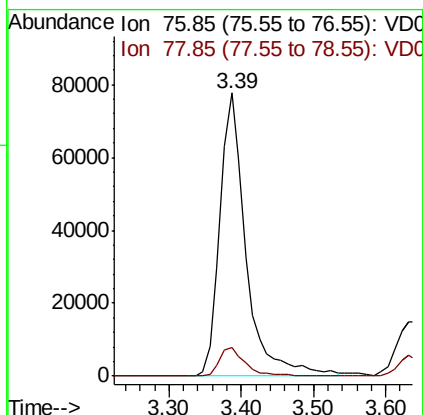
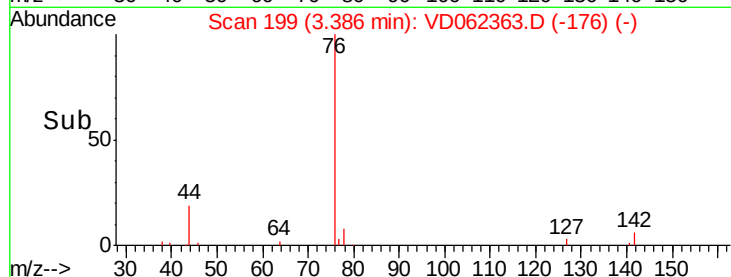
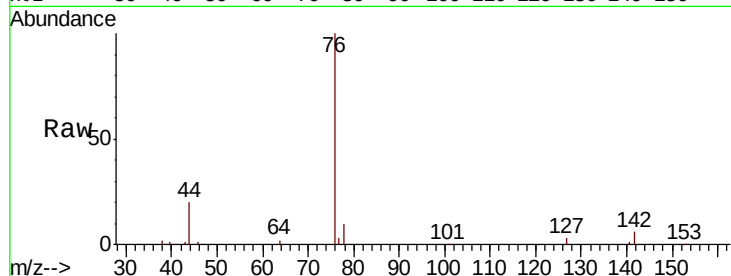
VD0514SBS02

Tot Ion: 76 Resp: 195024

Ion Ratio Lower Upper

76 100

78 9.9 7.2 10.8



#18

Methyl Acetate

Concen: 23.654 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.04 min

Lab File: VD062363.D

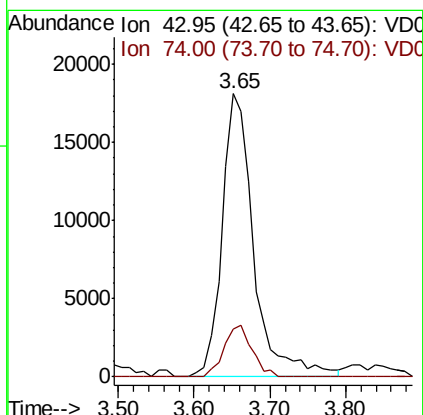
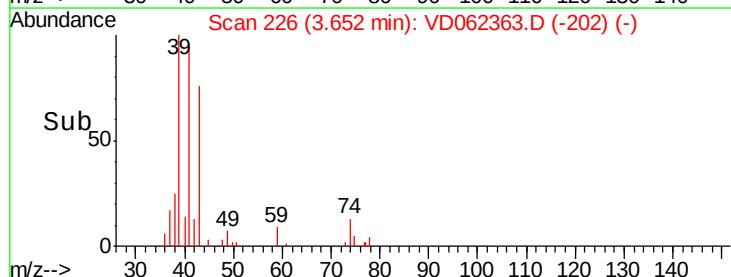
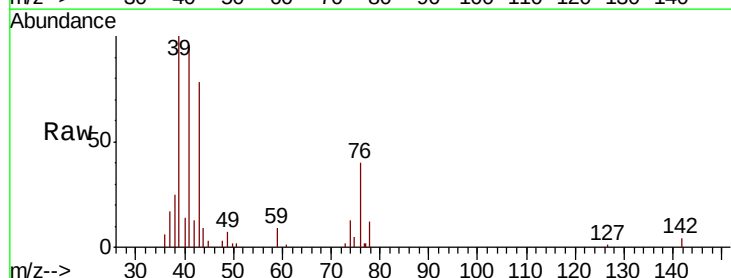
Acq: 15 May 2019 00:19

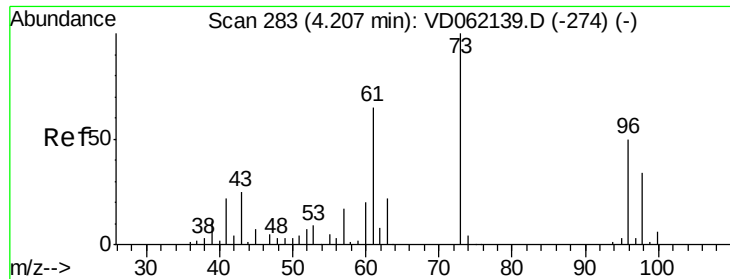
Tgt Ion: 43 Resp: 52436

Ion Ratio Lower Upper

43 100

74 17.0 18.0 27.0#

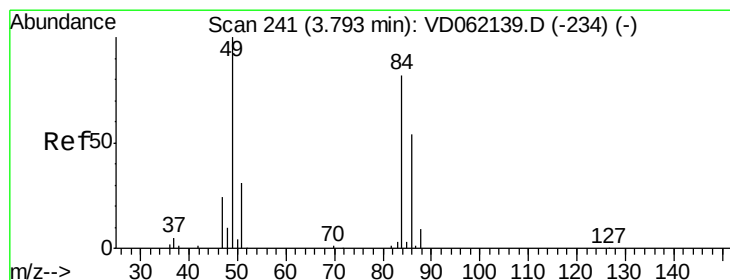
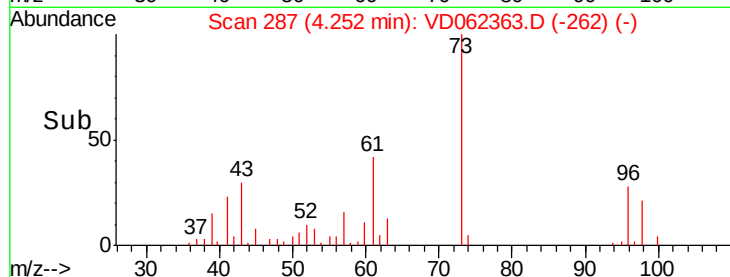
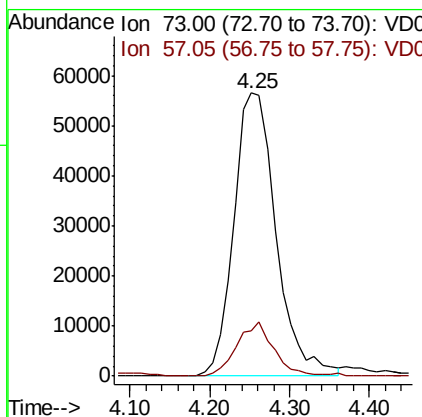
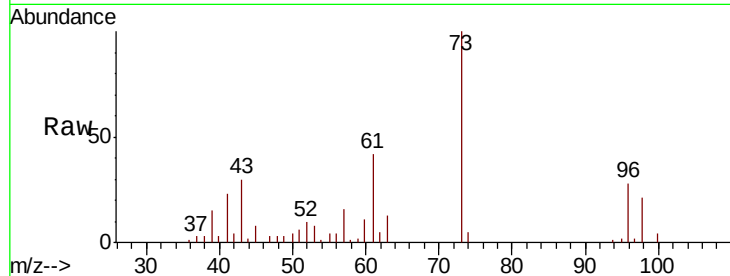




#19  
Methyl tert-butyl Ether  
Concen: 20.117 ug/l  
RT: 4.25 min Scan# 287  
Delta R.T. 0.05 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

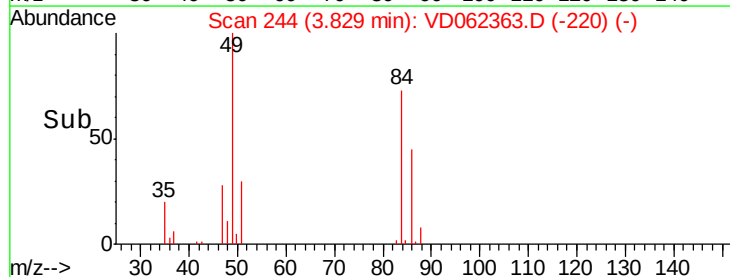
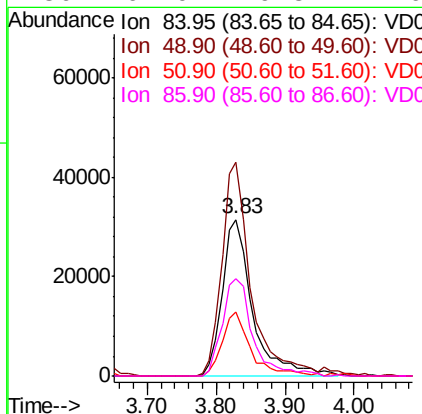
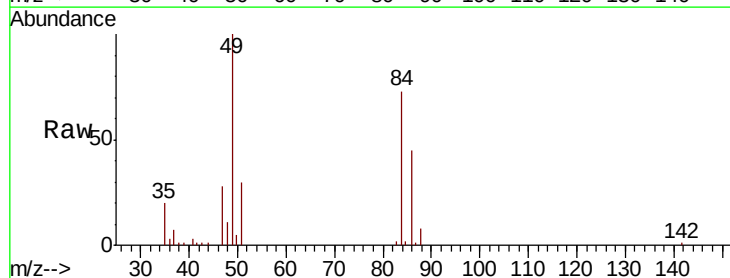
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

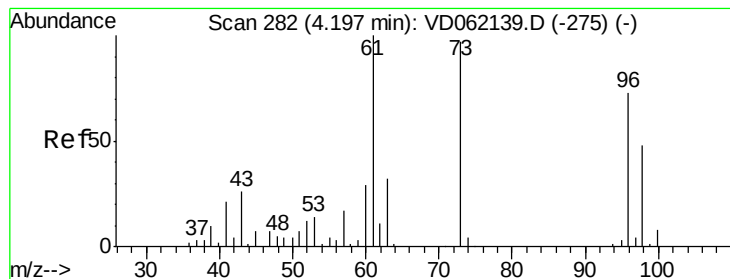
Tot Ion: 73 Resp: 207704  
Ion Ratio Lower Upper  
73 100  
57 16.2 16.3 24.5#



#20  
Methylene Chloride  
Concen: 18.642 ug/l  
RT: 3.83 min Scan# 244  
Delta R.T. 0.04 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion: 84 Resp: 95832  
Ion Ratio Lower Upper  
84 100  
49 136.7 94.0 141.0  
51 41.2 29.0 43.4  
86 62.0 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 17.392 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.04 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0514SBS02

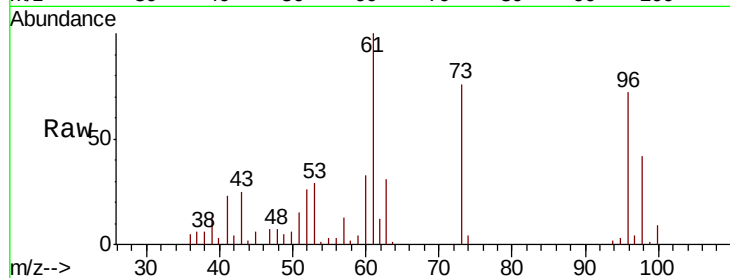
Tot Ion: 96 Resp: 93221

Ion Ratio Lower Upper

96 100

61 139.4 104.4 156.6

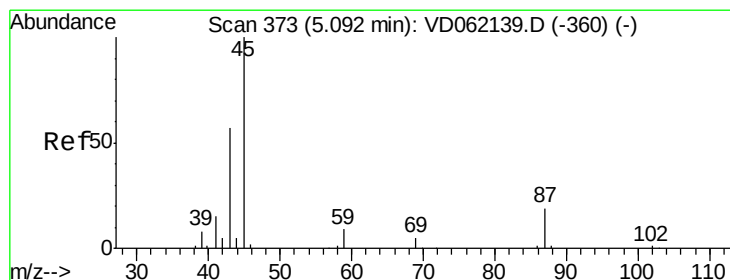
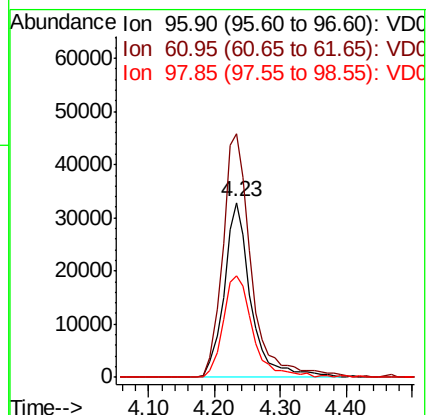
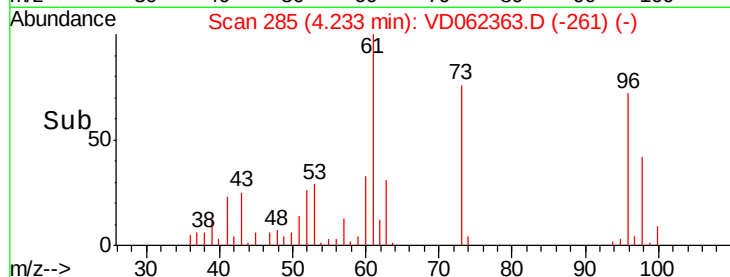
98 57.9 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 18.833 ug/l

RT: 5.14 min Scan# 377

Delta R.T. 0.05 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Tgt Ion: 45 Resp: 280687

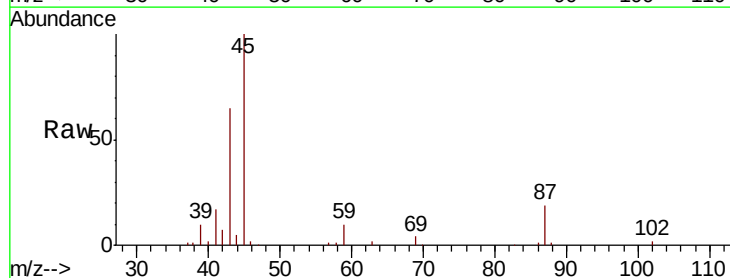
Ion Ratio Lower Upper

45 100

43 65.4 46.2 69.2

87 19.4 15.9 23.9

59 9.8 7.9 11.9

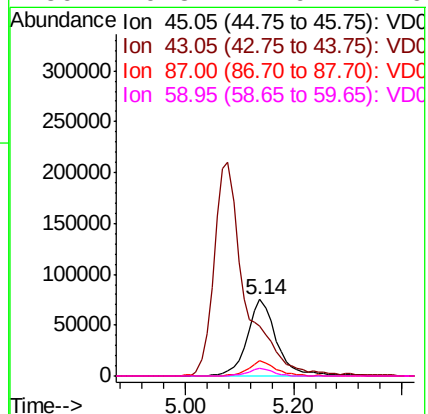
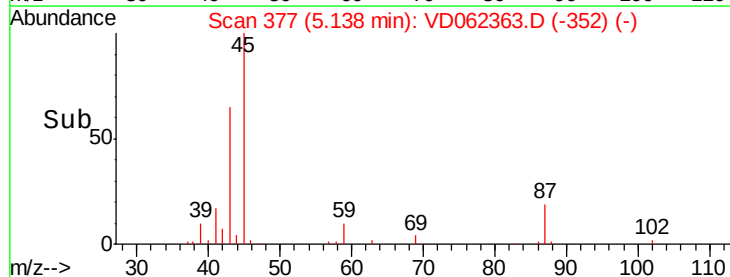


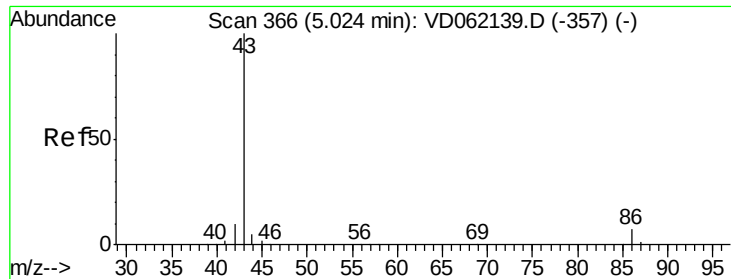
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 104.257 ug/l

RT: 5.08 min Scan# 371

Delta R.T. 0.06 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

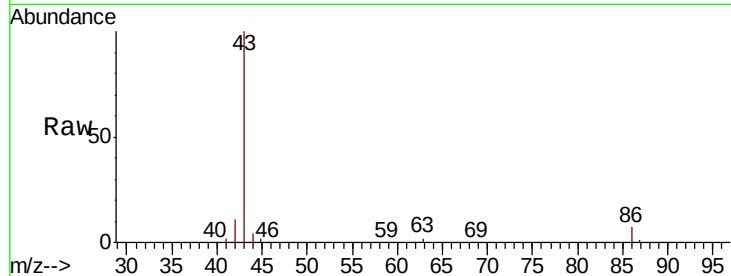
VD0514SBS02

Tot Ion: 43 Resp: 819815

Ion Ratio Lower Upper

43 100

86 6.5 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

250000

200000

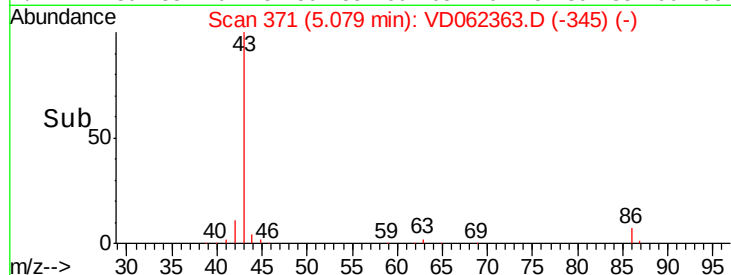
150000

100000

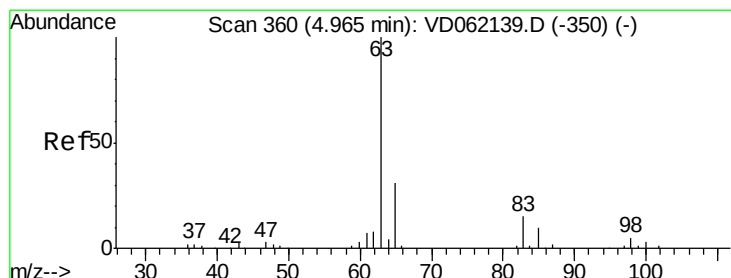
50000

0

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 19.647 ug/l

RT: 5.00 min Scan# 363

Delta R.T. 0.04 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

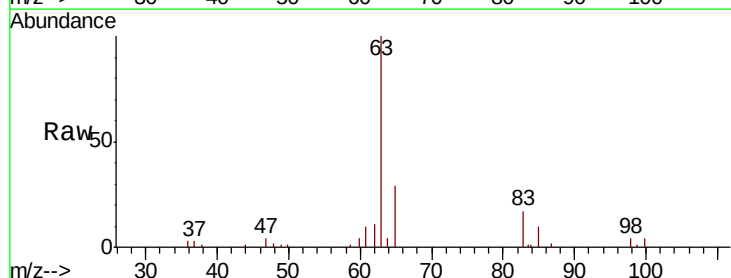
Tgt Ion: 63 Resp: 176644

Ion Ratio Lower Upper

63 100

98 4.8 2.8 8.4

100 3.9 1.8 5.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

60000

50000

40000

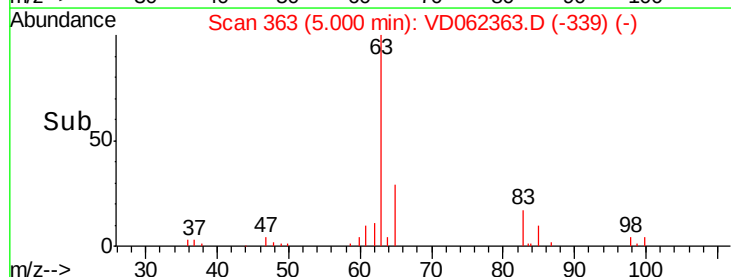
30000

20000

10000

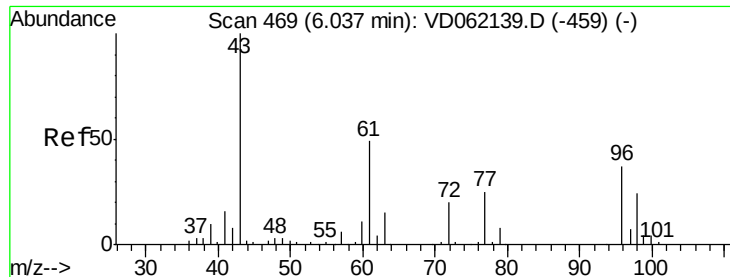
0

Time-->



Time-->





#25

2-Butanone

Concen: 99.486 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.05 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

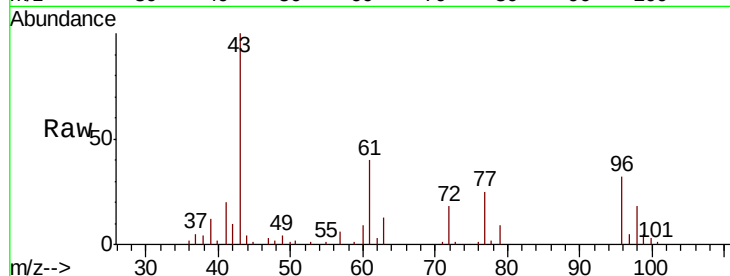
VD0514SBS02

Tot Ion: 43 Resp: 133601

Ion Ratio Lower Upper

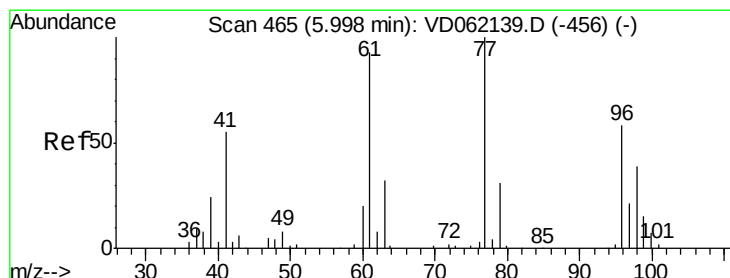
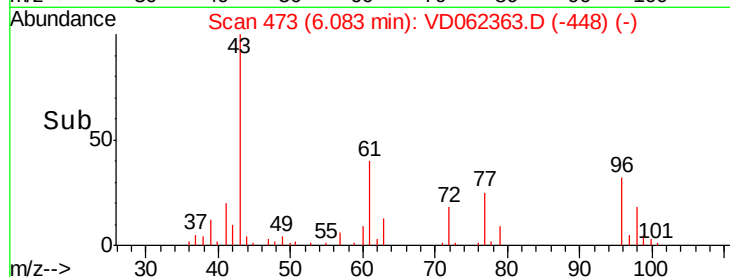
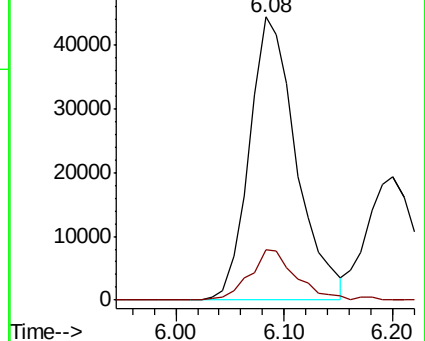
43 100

72 17.8 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.359 ug/l

RT: 6.03 min Scan# 468

Delta R.T. 0.04 min

Lab File: VD062363.D

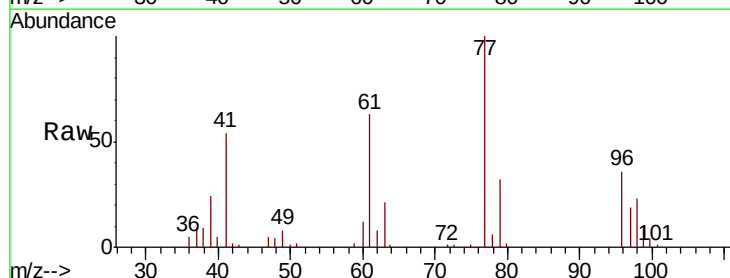
Acq: 15 May 2019 00:19

Tgt Ion: 77 Resp: 182336

Ion Ratio Lower Upper

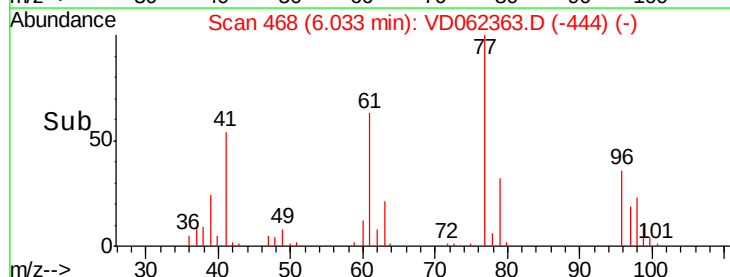
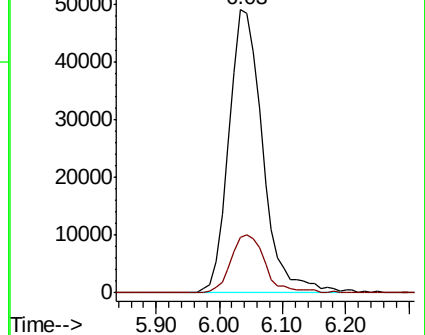
77 100

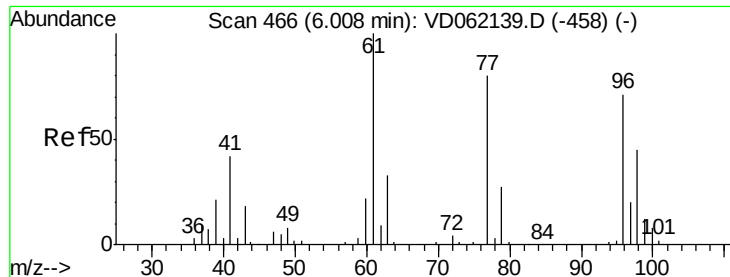
97 19.4 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



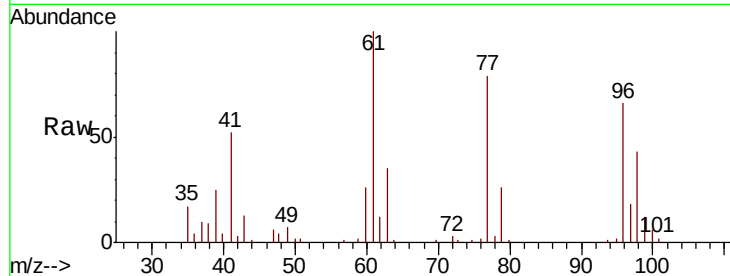


#27

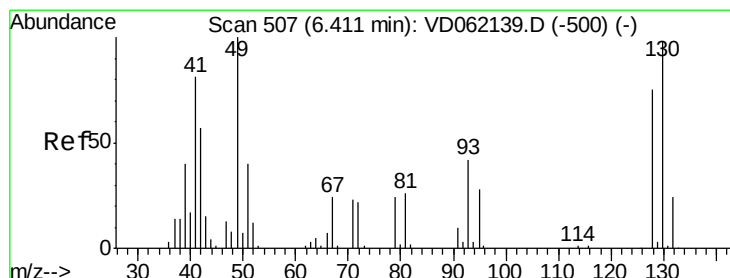
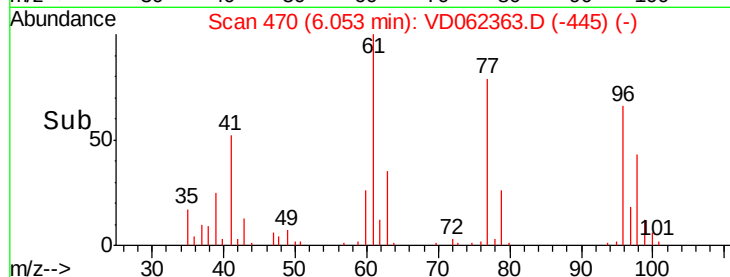
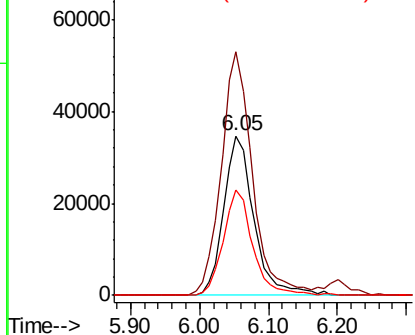
cis-1,2-Dichloroethene  
 Concen: 17.584 ug/l  
 RT: 6.05 min Scan# 470  
 Delta R.T. 0.05 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0514SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 152.5 | 0.0   | 279.8 |
| 98      | 65.7  | 0.0   | 136.0 |



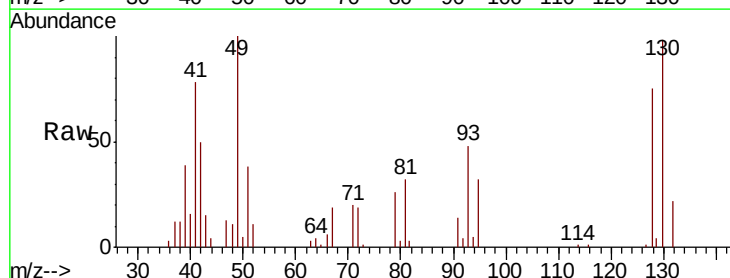
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC



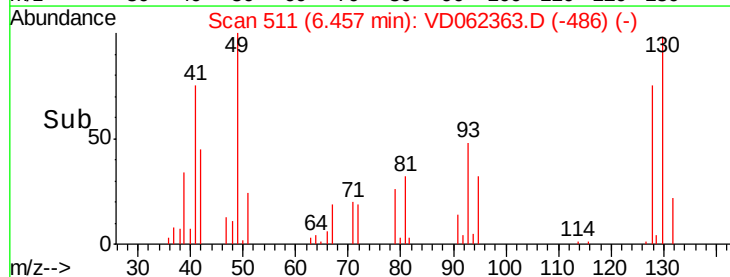
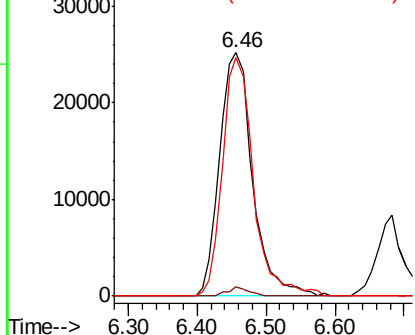
#28

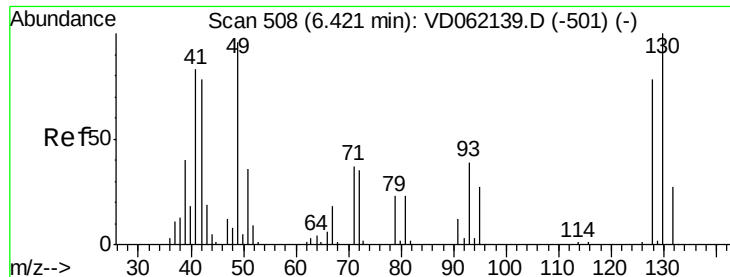
Bromochloromethane  
 Concen: 23.632 ug/l  
 RT: 6.46 min Scan# 511  
 Delta R.T. 0.05 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 4.0   | 0.0   | 6.6   |
| 130     | 97.8  | 86.7  | 130.1 |



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

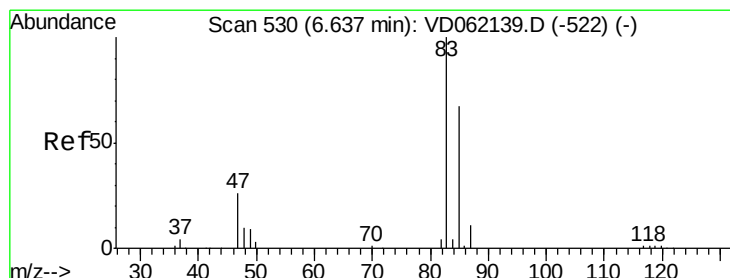
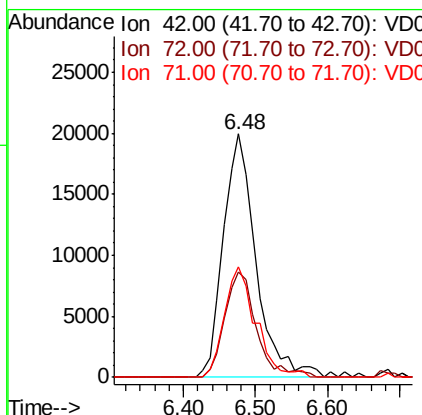
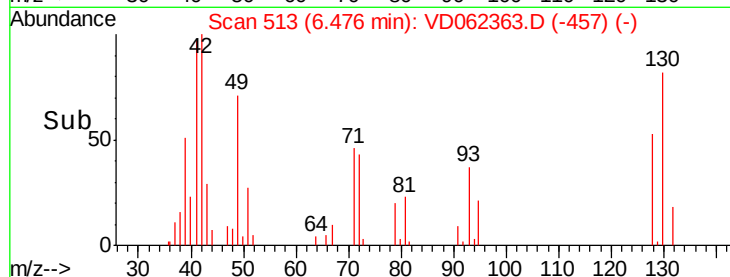
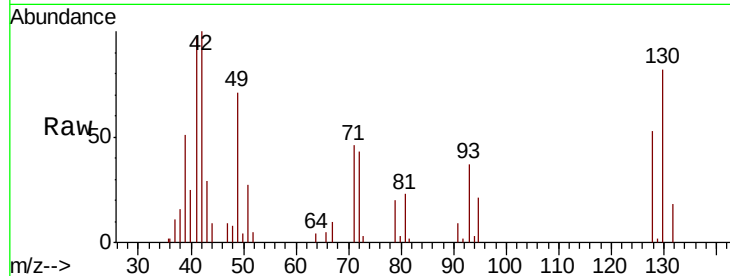




#29  
Tetrahydrofuran  
Concen: 101.550 ug/l  
RT: 6.48 min Scan# 513  
Delta R.T. 0.06 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

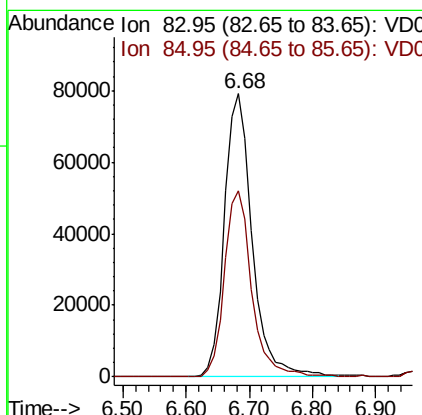
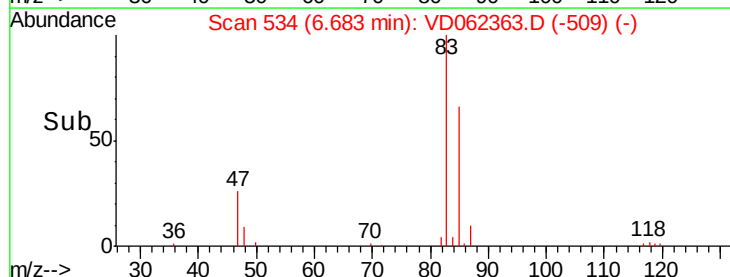
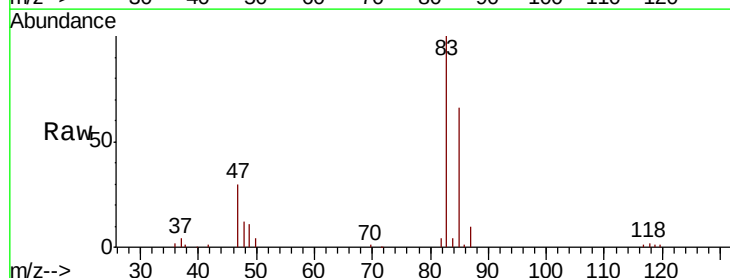
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

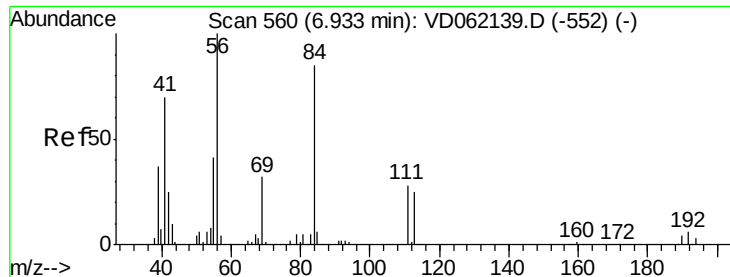
Tot Ion: 42 Resp: 62835  
Ion Ratio Lower Upper  
42 100  
72 41.9 37.8 56.6  
71 43.4 36.7 55.1



#30  
Chloroform  
Concen: 22.207 ug/l  
RT: 6.68 min Scan# 534  
Delta R.T. 0.05 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion: 83 Resp: 240627  
Ion Ratio Lower Upper  
83 100  
85 65.7 51.7 77.5

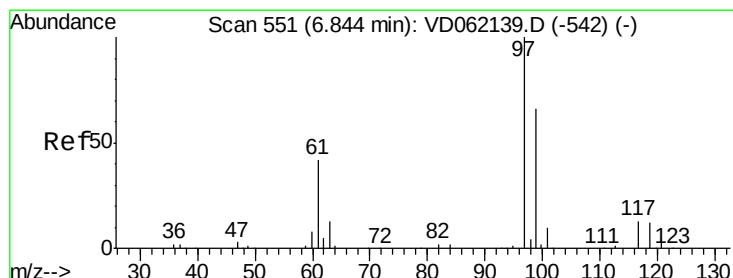
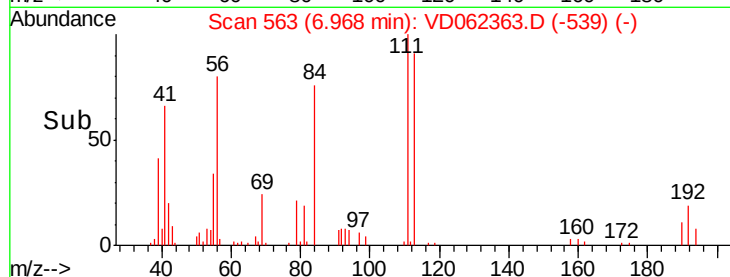
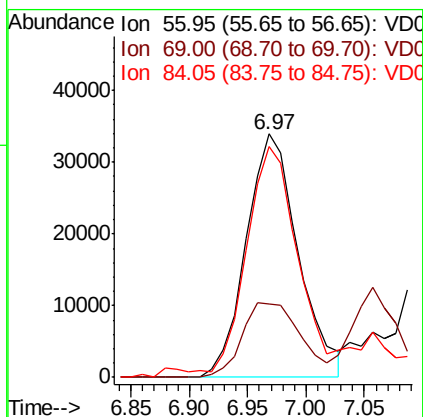
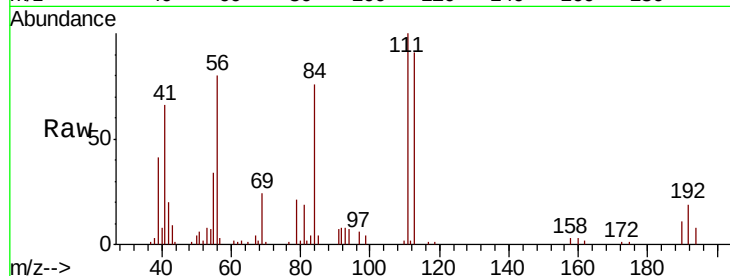




#31  
Cyclohexane  
Concen: 17.028 ug/l  
RT: 6.97 min Scan# 563  
Delta R.T. 0.04 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

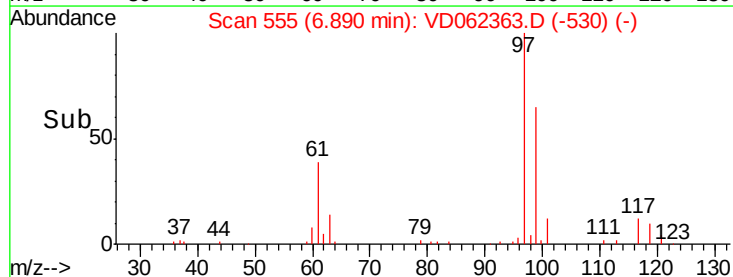
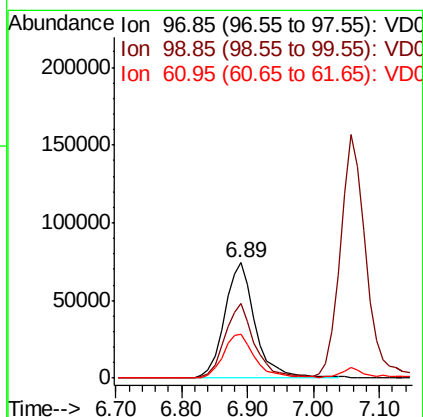
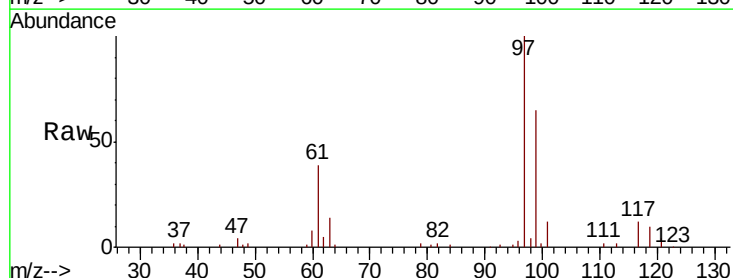
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

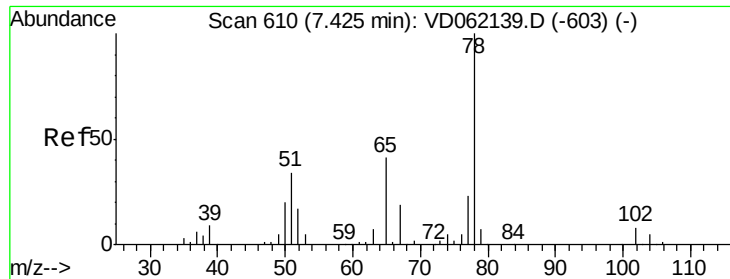
Tot Ion: 56 Resp: 104885  
Ion Ratio Lower Upper  
56 100  
69 30.1 25.8 38.6  
84 94.7 72.2 108.4



#32  
1,1,1-Trichloroethane  
Concen: 23.485 ug/l  
RT: 6.89 min Scan# 555  
Delta R.T. 0.05 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion: 97 Resp: 240525  
Ion Ratio Lower Upper  
97 100  
99 64.9 52.2 78.2  
61 38.6 32.4 48.6

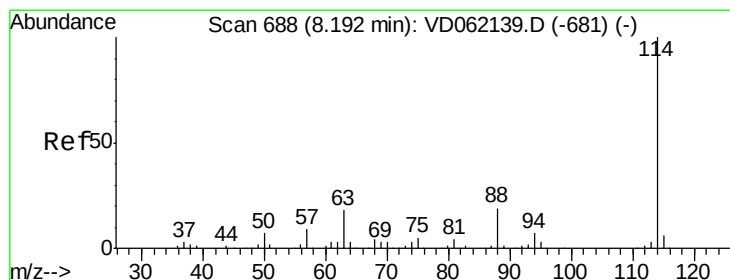
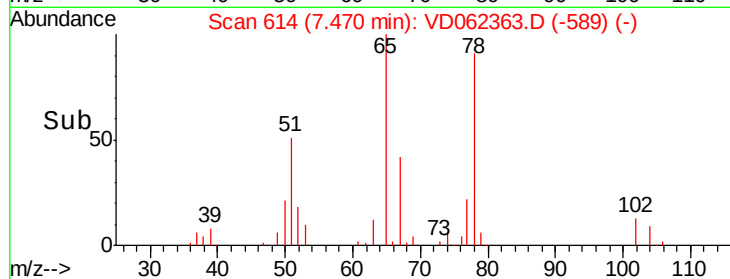
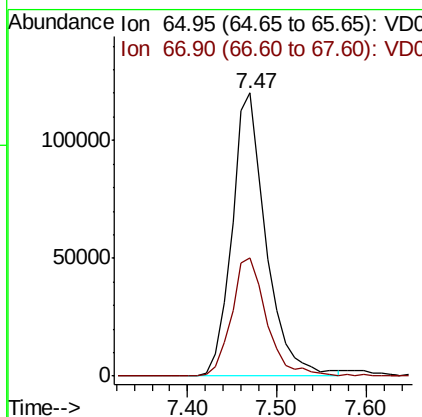
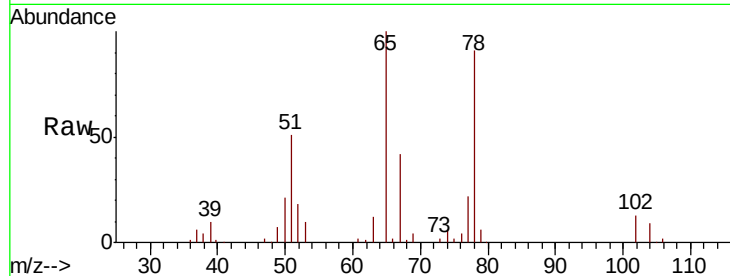




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.346 ug/l  
 RT: 7.47 min Scan# 614  
 Delta R.T. 0.05 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

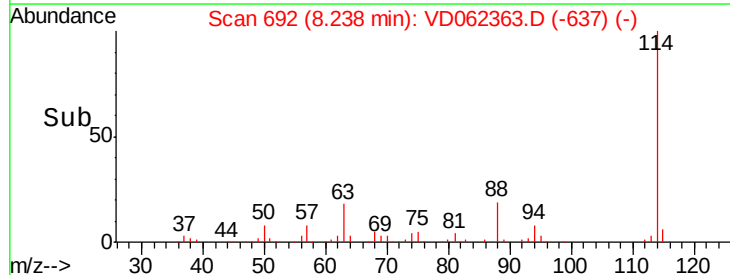
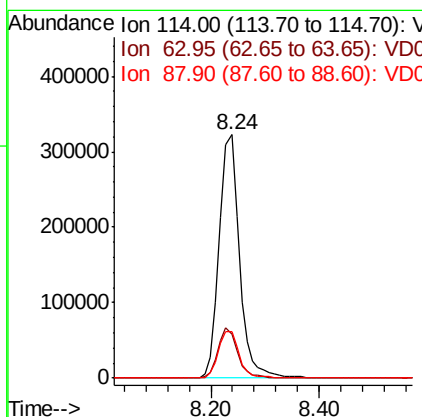
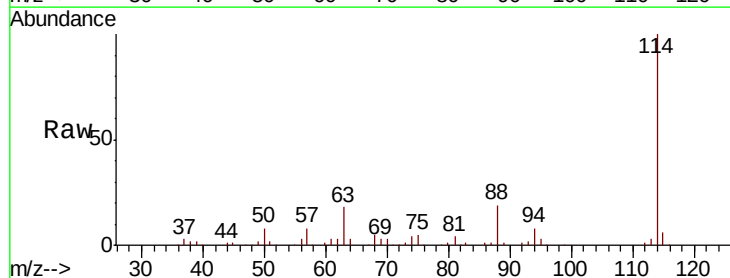
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0514SBS02

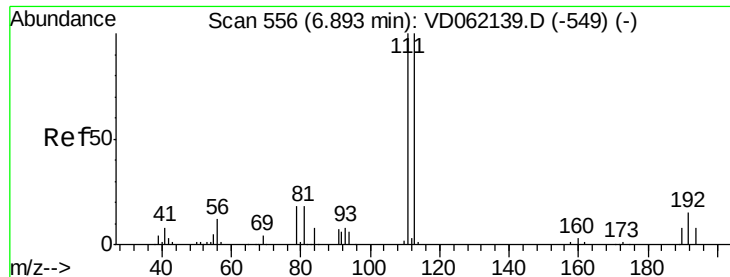
Tot Ion: 65 Resp: 319056  
 Ion Ratio Lower Upper  
 65 100  
 67 42.0 0.0 98.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.24 min Scan# 692  
 Delta R.T. 0.05 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

Tgt Ion: 114 Resp: 839990  
 Ion Ratio Lower Upper  
 114 100  
 63 18.0 0.0 32.4  
 88 19.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 47.863 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.05 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0514SBS02

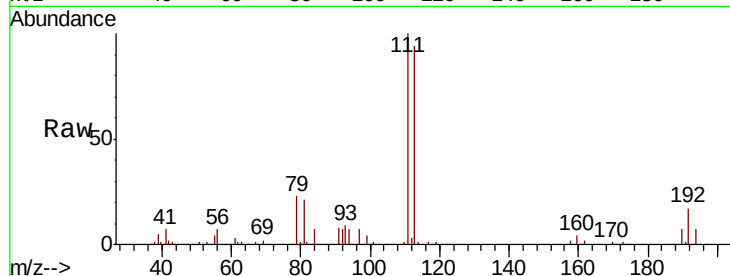
Tot Ion:113 Resp: 333583

Ion Ratio Lower Upper

113 100

111 106.3 78.5 117.7

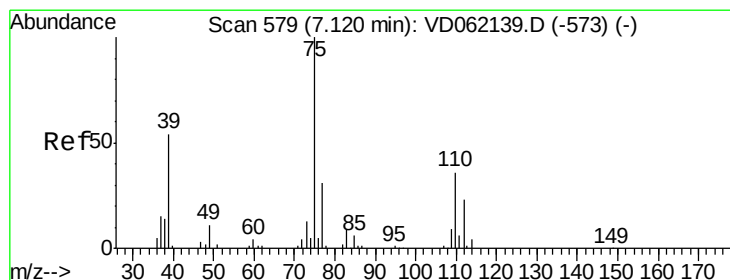
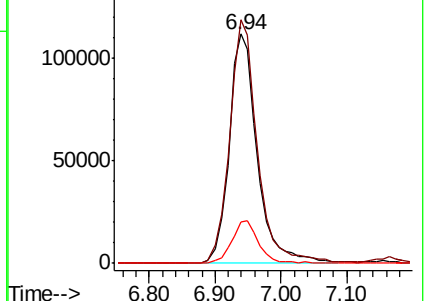
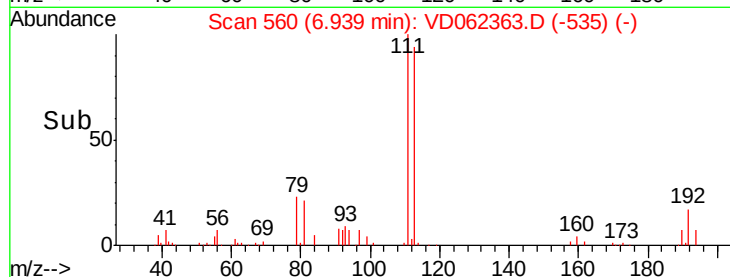
192 17.9 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 21.629 ug/l

RT: 7.16 min Scan# 582

Delta R.T. 0.04 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

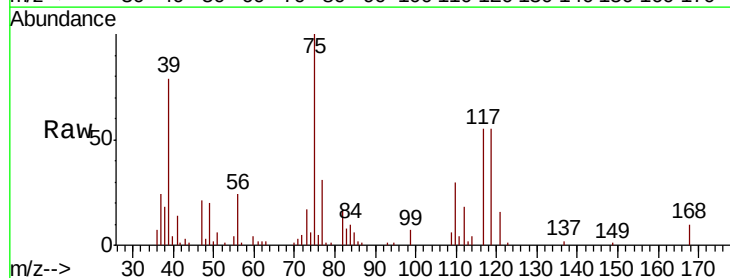
Tgt Ion: 75 Resp: 148960

Ion Ratio Lower Upper

75 100

110 30.1 19.1 57.1

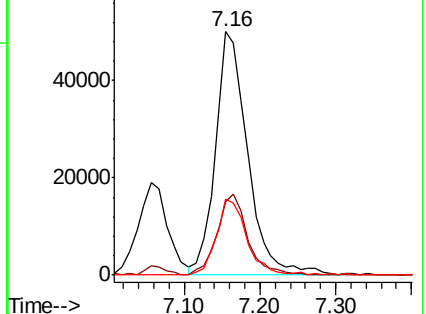
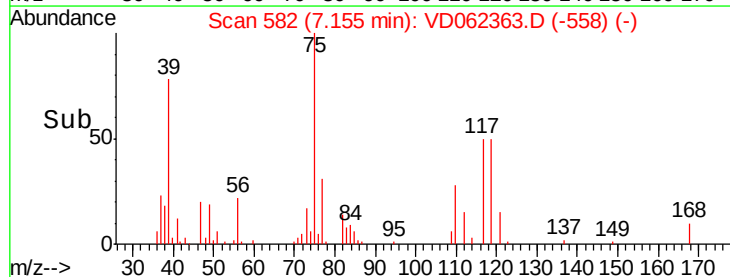
77 31.2 25.6 38.4

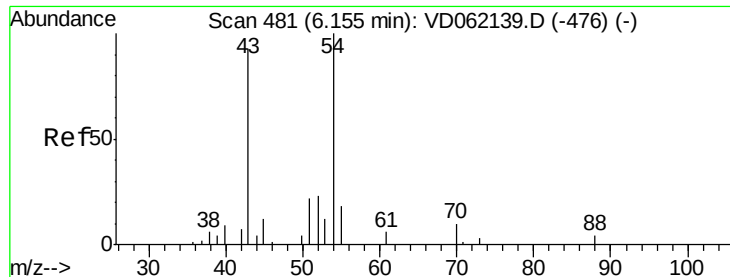


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

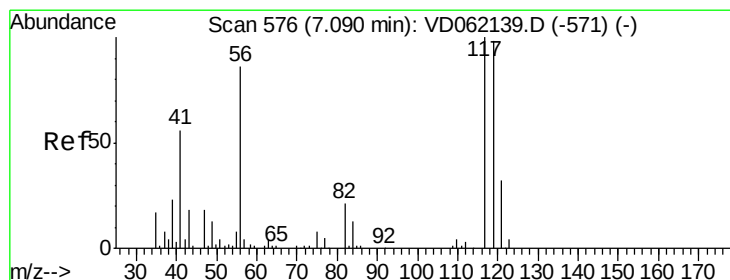
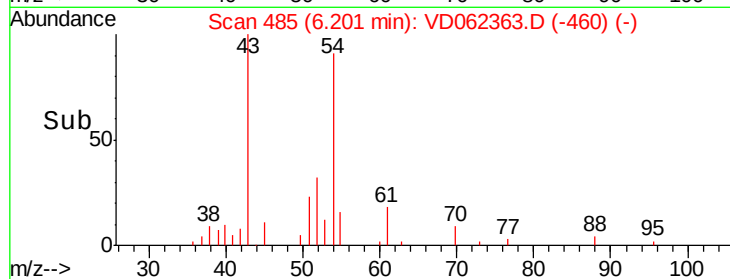
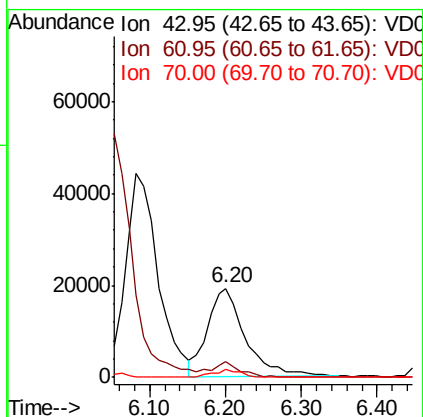
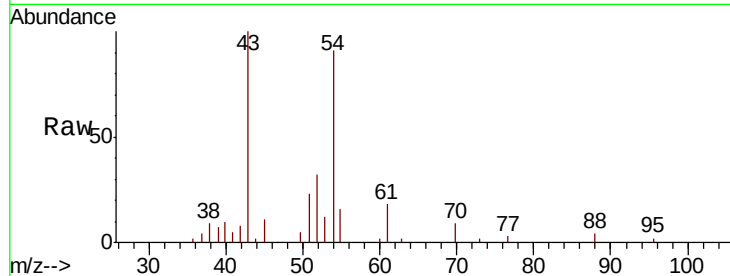




#37  
Ethyl Acetate  
Concen: 22.426 ug/l  
RT: 6.20 min Scan# 485  
Delta R.T. 0.05 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

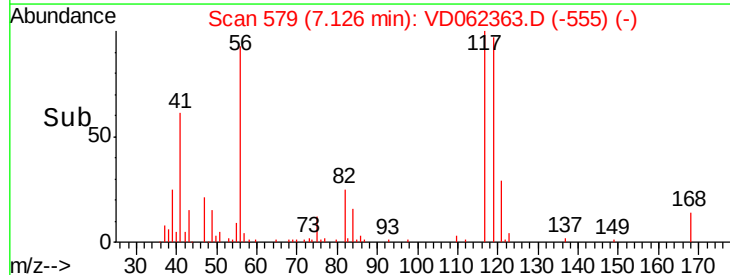
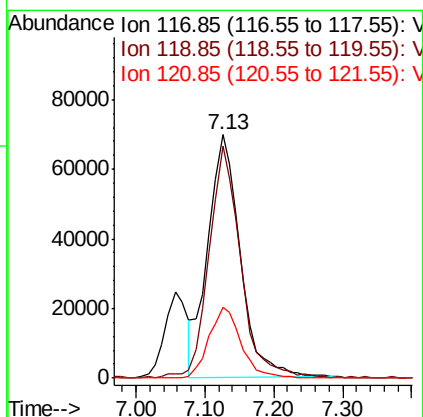
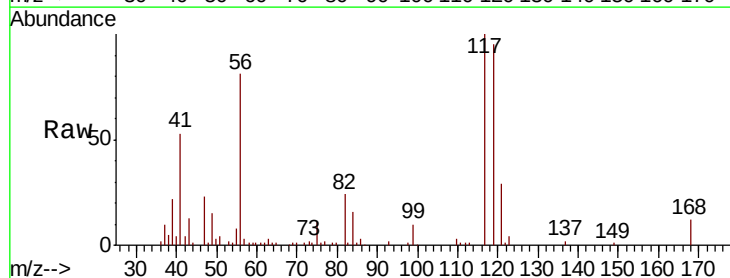
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

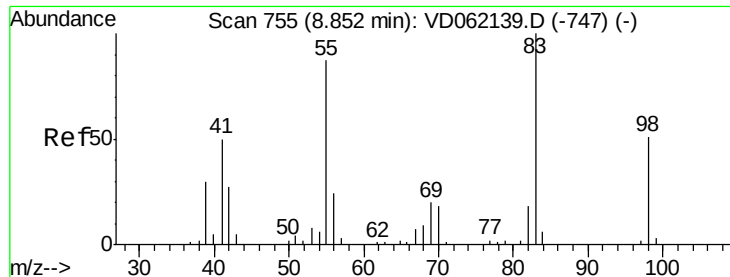
Tot Ion: 43 Resp: 65500  
Ion Ratio Lower Upper  
43 100  
61 18.3 14.7 22.1  
70 9.0 7.8 11.6



#38  
Carbon Tetrachloride  
Concen: 23.906 ug/l  
RT: 7.13 min Scan# 579  
Delta R.T. 0.04 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion: 117 Resp: 227877  
Ion Ratio Lower Upper  
117 100  
119 95.2 75.8 113.8  
121 29.2 25.9 38.9

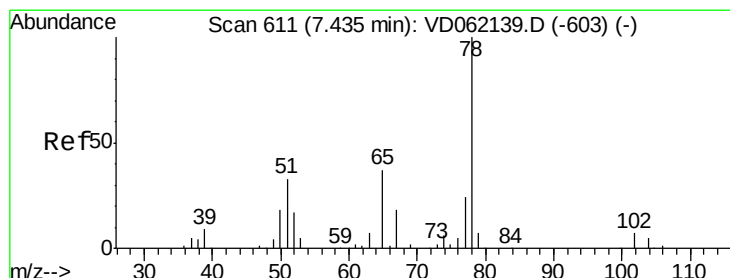
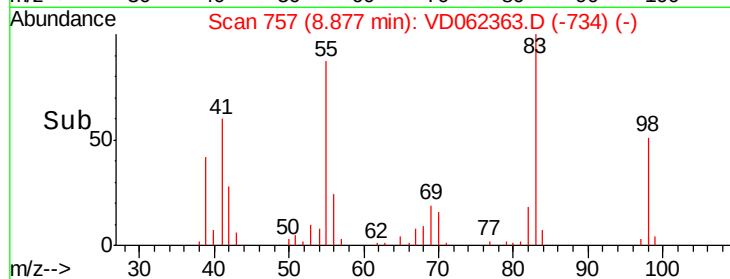
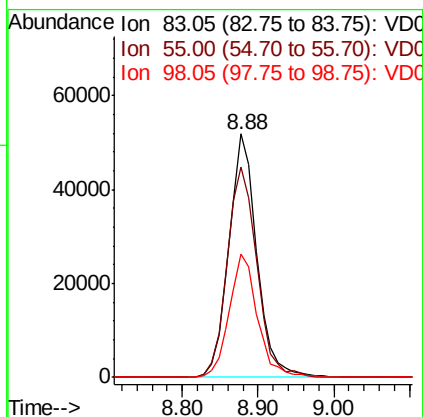
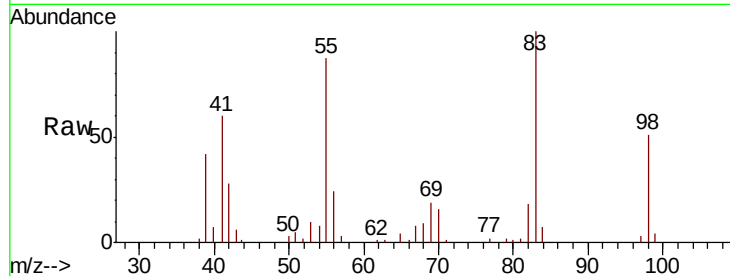




#39  
Methylvlcyclohexane  
Concen: 19.986 ug/l  
RT: 8.88 min Scan# 757  
Delta R.T. 0.03 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

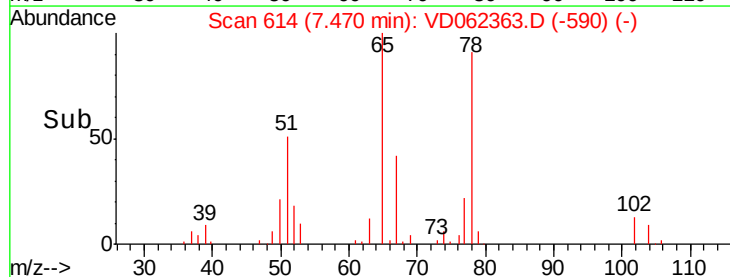
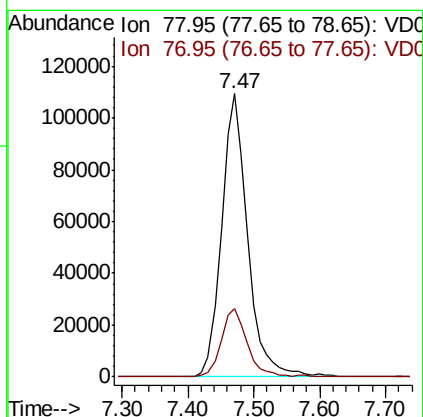
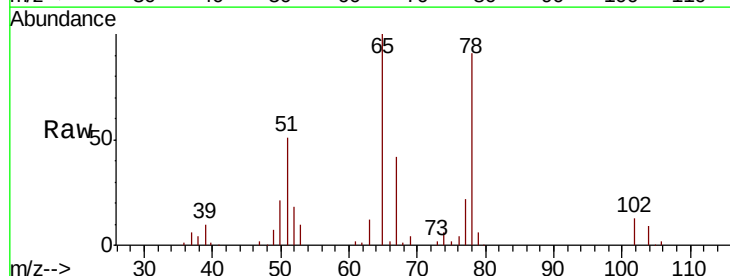
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

Tot Ion: 83 Resp: 131879  
Ion Ratio Lower Upper  
83 100  
55 86.5 68.2 102.4  
98 50.9 38.2 57.4

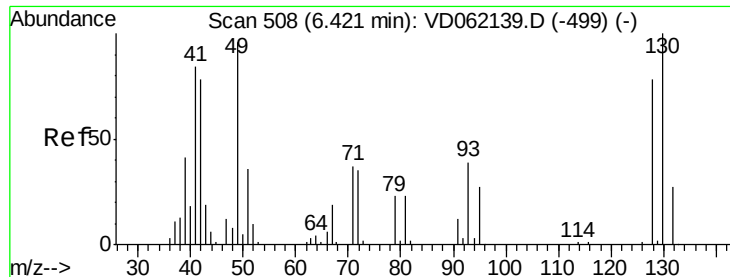


#40  
Benzene  
Concen: 19.345 ug/l  
RT: 7.47 min Scan# 614  
Delta R.T. 0.04 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion: 78 Resp: 300847  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.7 29.5



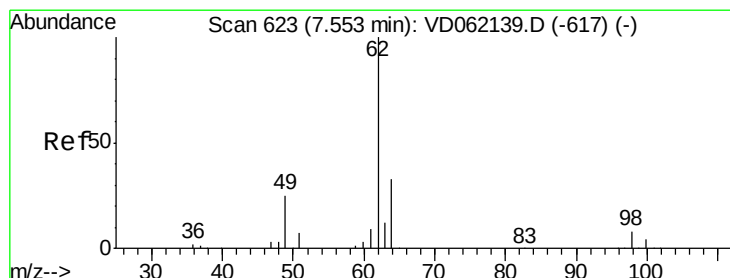
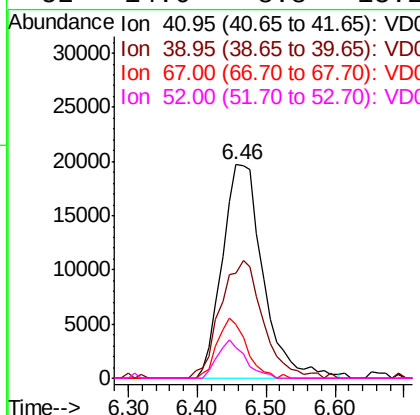
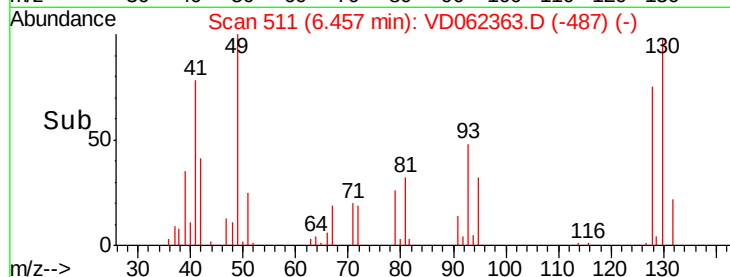
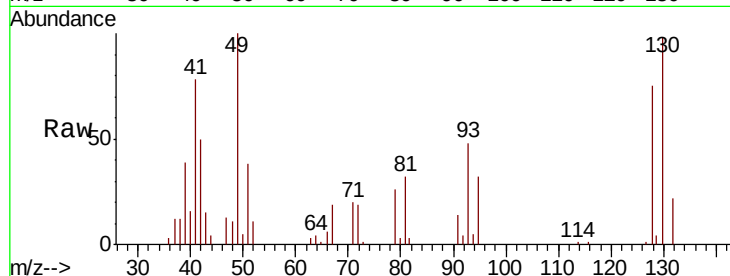




#41  
Methacrylonitrile  
Concen: 22.609 ug/l  
RT: 6.46 min Scan# 511  
Delta R.T. 0.04 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

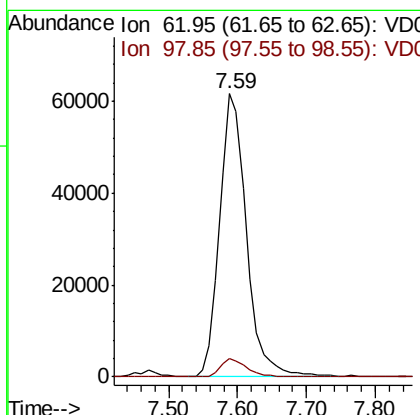
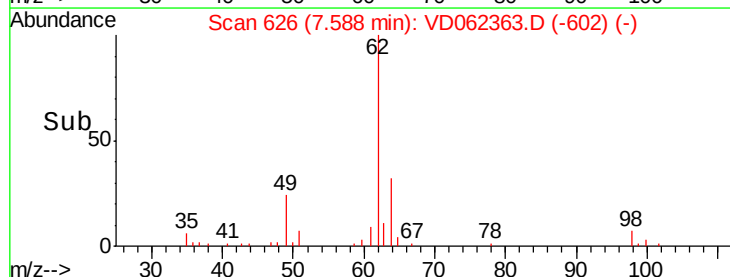
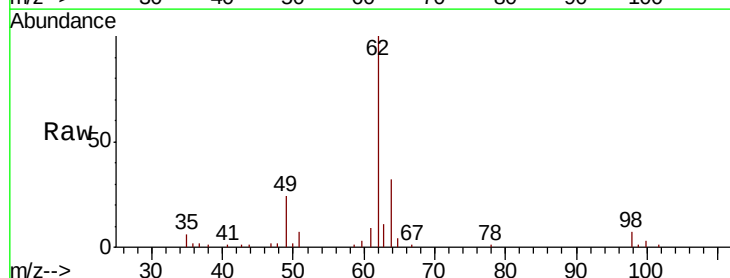
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

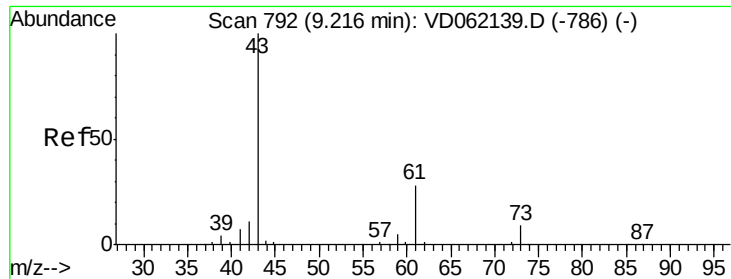
Tot Ion: 41 Resp: 80696  
Ion Ratio Lower Upper  
41 100  
39 49.3 34.1 51.1  
67 24.9 23.8 35.6  
52 14.6 8.8 13.2#



#42  
1,2-Dichloroethane  
Concen: 25.239 ug/l  
RT: 7.59 min Scan# 626  
Delta R.T. 0.04 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion: 62 Resp: 166302  
Ion Ratio Lower Upper  
62 100  
98 6.7 0.0 17.8





#43

Isopropyl Acetate

Concen: 21.396 ug/l

RT: 9.25 min Scan# 795

Delta R.T. 0.04 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0514SBS02

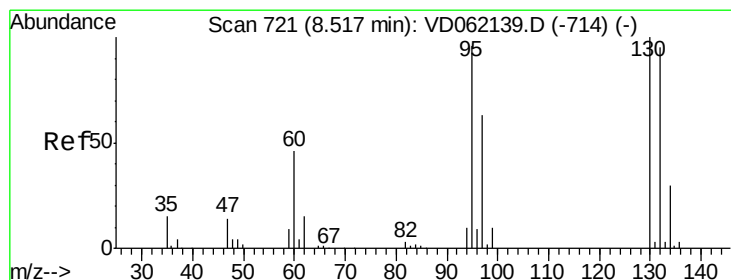
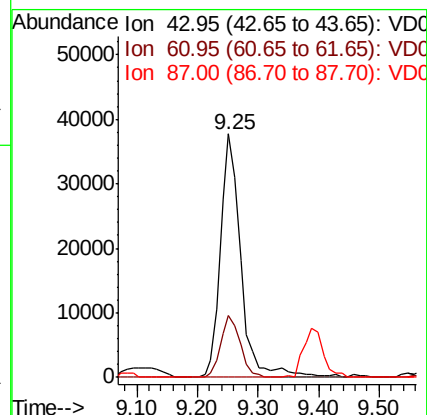
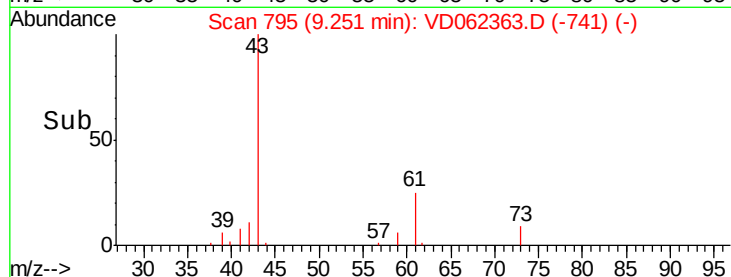
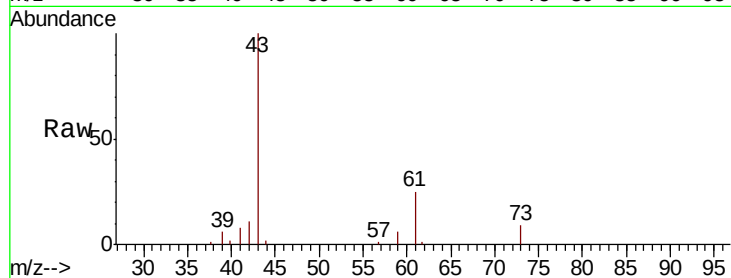
Tot Ion: 43 Resp: 88626

Ion Ratio Lower Upper

43 100

61 25.2 25.1 37.7

87 0.0 0.0 0.0



#44

Trichloroethene

Concen: 19.031 ug/l

RT: 8.55 min Scan# 724

Delta R.T. 0.04 min

Lab File: VD062363.D

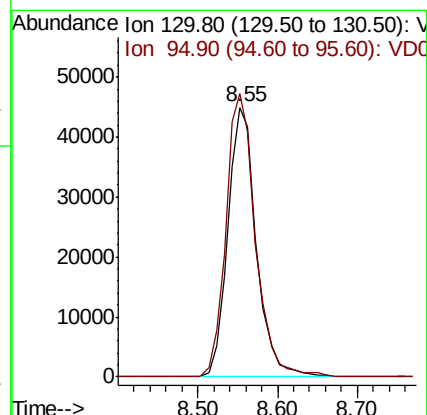
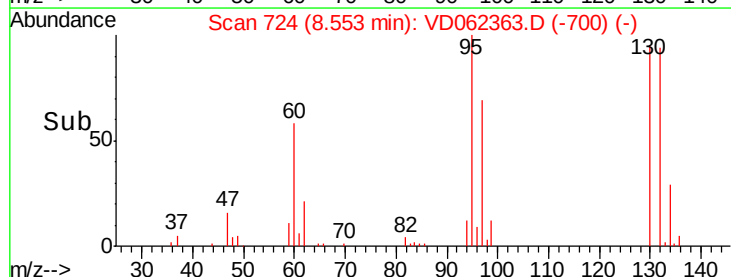
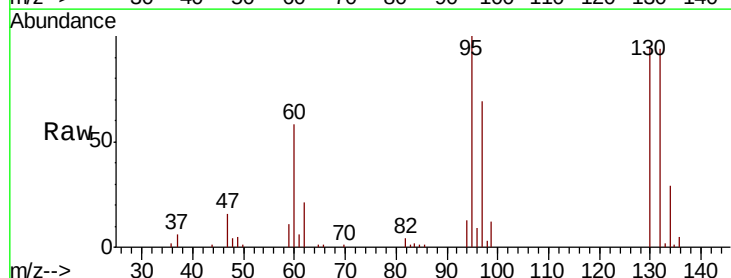
Acq: 15 May 2019 00:19

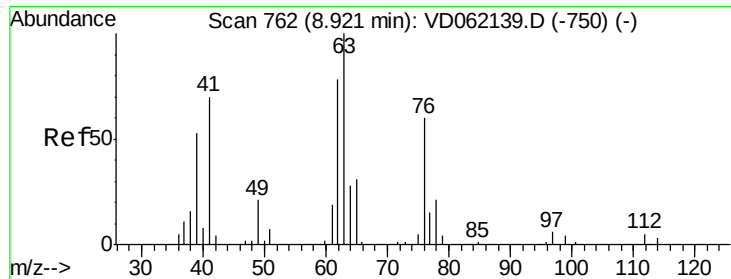
Tgt Ion: 130 Resp: 112782

Ion Ratio Lower Upper

130 100

95 105.1 0.0 174.0

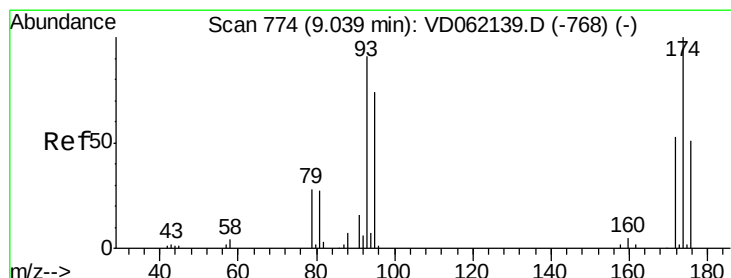
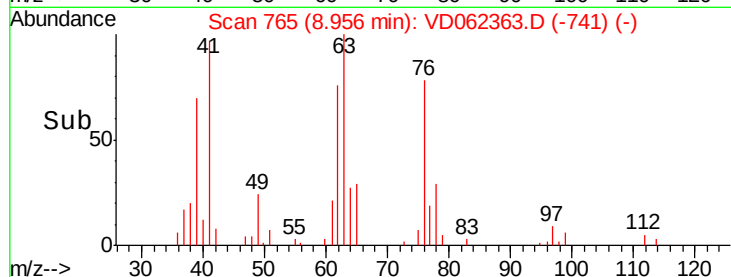
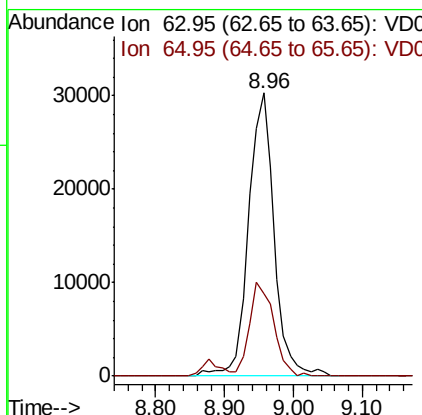
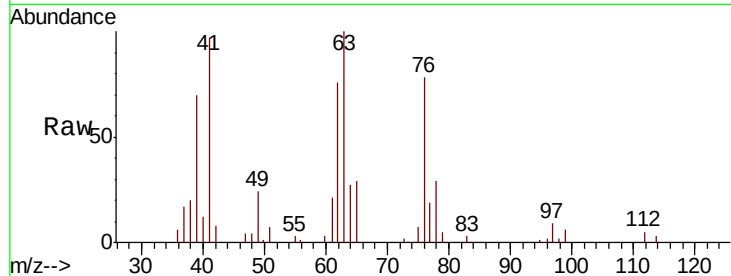




#45  
 1,2-Dichloropropane  
 Concen: 20.294 ug/l  
 RT: 8.96 min Scan# 765  
 Delta R.T. 0.04 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

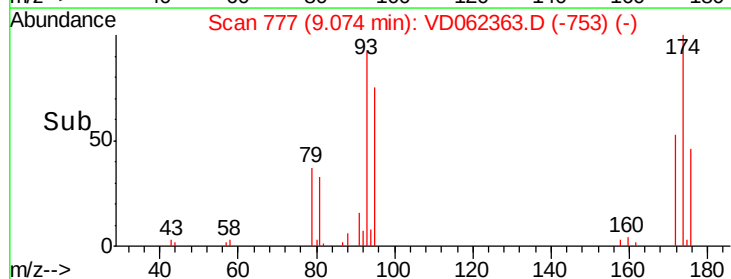
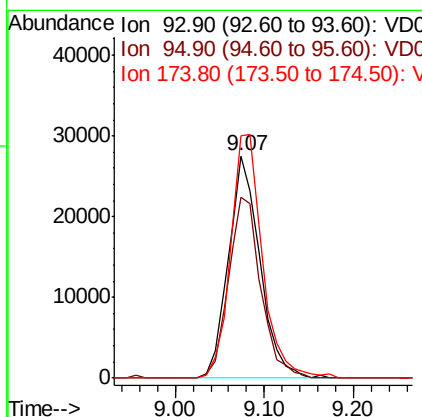
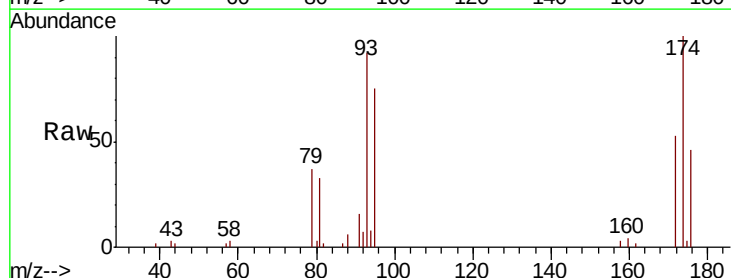
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0514SBS02

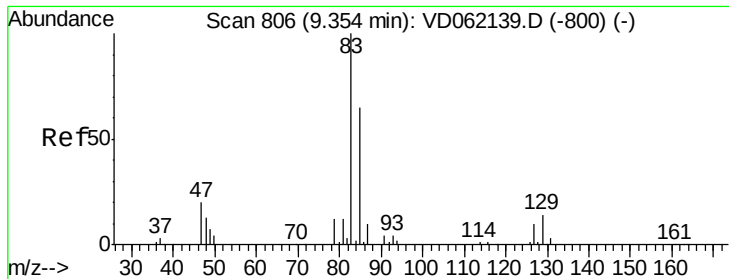
Tot Ion: 63 Resp: 78066  
 Ion Ratio Lower Upper  
 63 100  
 65 29.2 23.8 35.6



#46  
 Dibromomethane  
 Concen: 21.747 ug/l  
 RT: 9.07 min Scan# 777  
 Delta R.T. 0.04 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

Tgt Ion: 93 Resp: 68028  
 Ion Ratio Lower Upper  
 93 100  
 95 81.1 64.8 97.2  
 174 108.8 79.3 118.9





#47

Bromodichloromethane

Concen: 22.440 ug/l

RT: 9.39 min Scan# 809

Delta R.T. 0.04 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0514SBS02

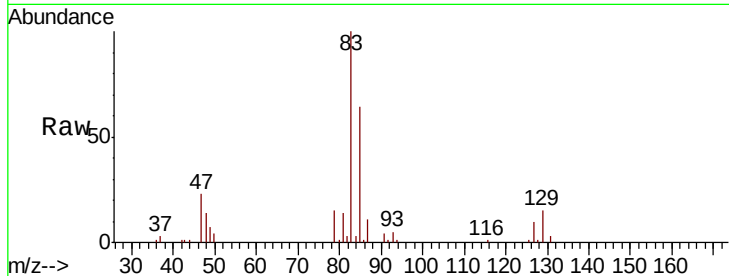
Tot Ion: 83 Resp: 171698

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

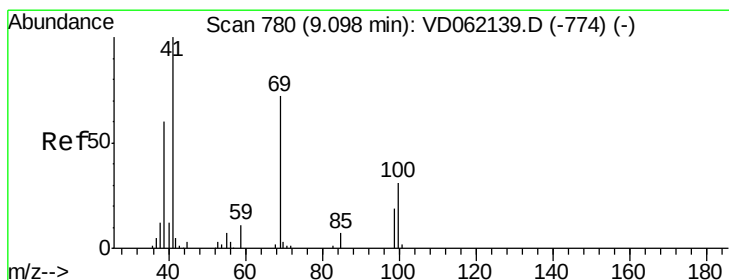
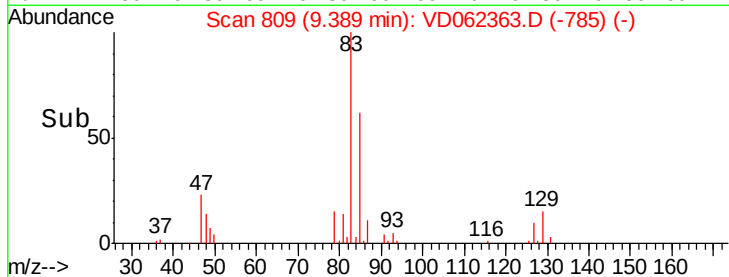
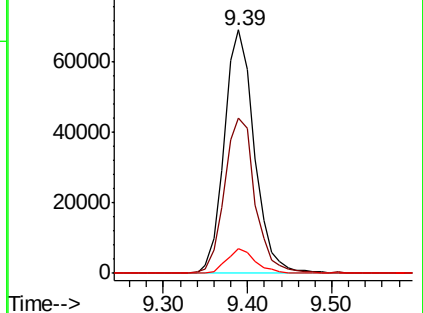
127 10.3 8.1 12.1



Abundance Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 24.481 ug/l

RT: 9.13 min Scan# 783

Delta R.T. 0.04 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

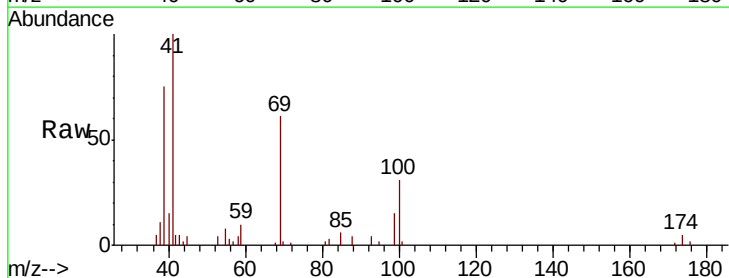
Tgt Ion: 41 Resp: 62463

Ion Ratio Lower Upper

41 100

69 60.7 64.2 96.2#

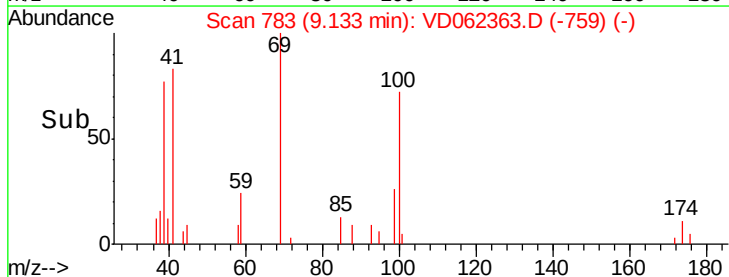
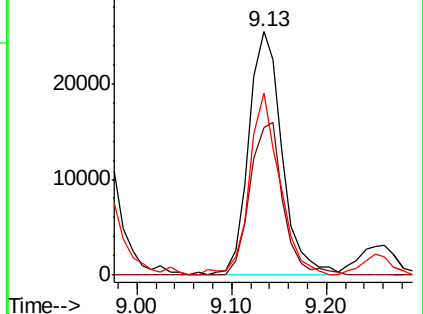
39 74.6 46.8 70.2#

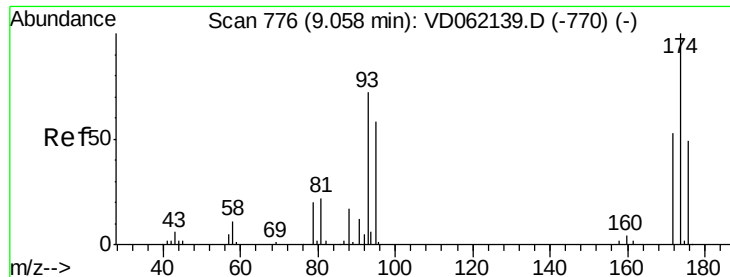


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

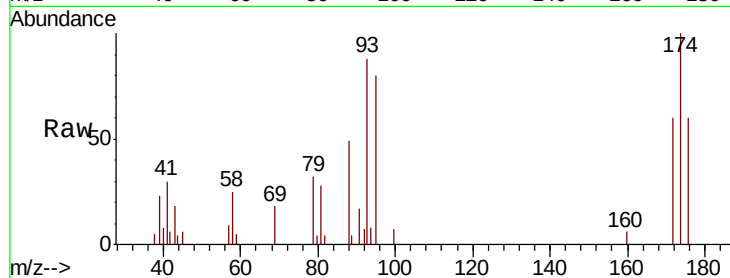




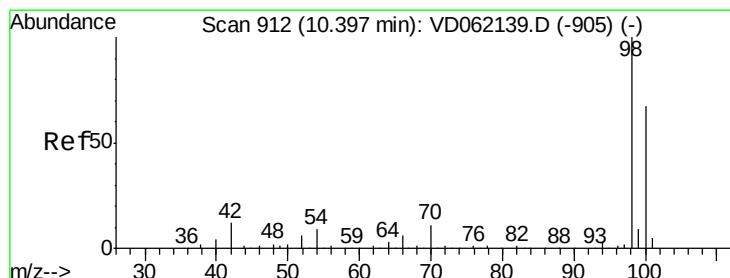
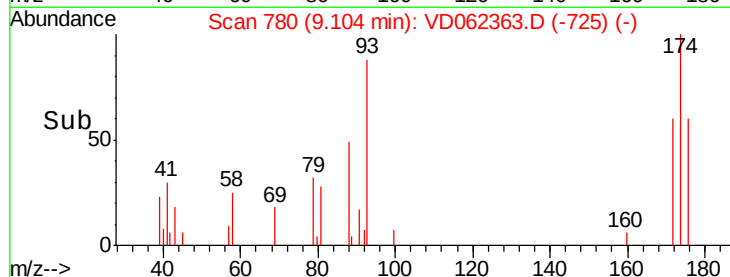
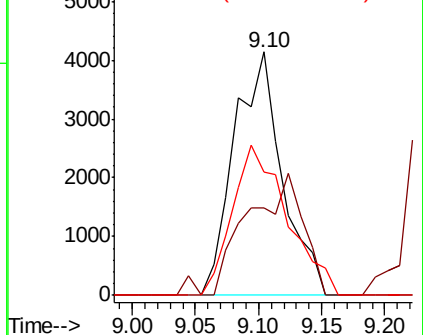
#49  
1,4-Dioxane  
Concen: 397.580 ug/l  
RT: 9.10 min Scan# 780  
Delta R.T. 0.05 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

Tot Ion: 88 Resp: 10945  
Ion Ratio Lower Upper  
88 100  
43 36.1 23.4 35.0#  
58 50.6 44.0 66.0

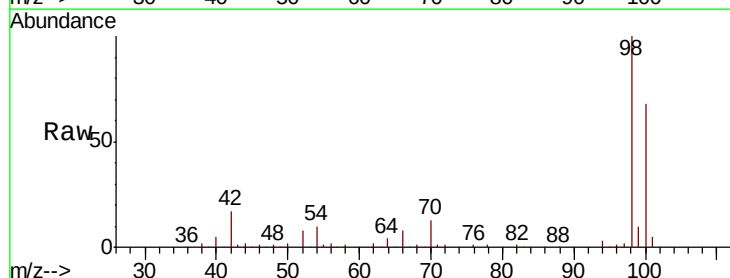


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

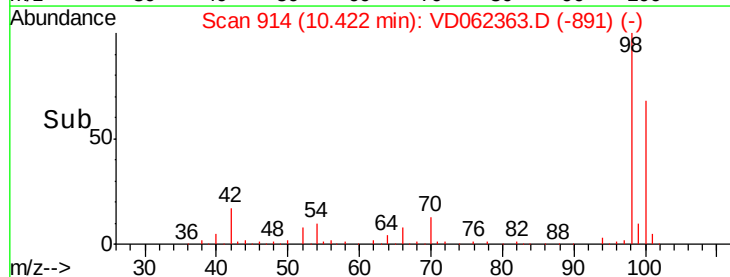
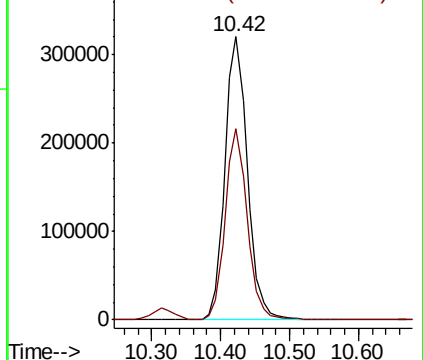


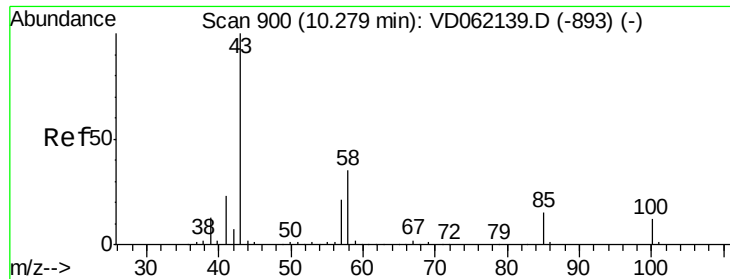
#50  
Toluene-d8  
Concen: 43.233 ug/l  
RT: 10.42 min Scan# 914  
Delta R.T. 0.03 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion: 98 Resp: 726490  
Ion Ratio Lower Upper  
98 100  
100 67.6 53.8 80.8



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





#51

4-Methyl-2-Pentanone

Concen: 102.587 ug/l

RT: 10.31 min Scan# 903

Delta R.T. 0.04 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

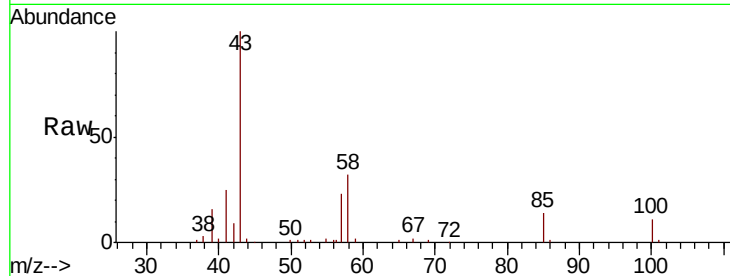
VD0514SBS02

Tot Ion: 43 Resp: 273157

Ion Ratio Lower Upper

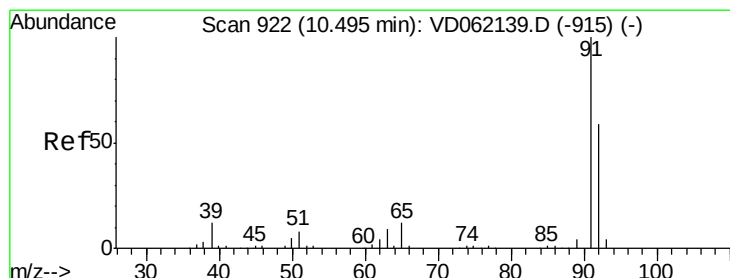
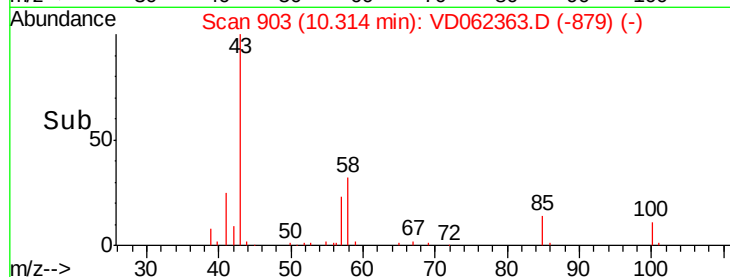
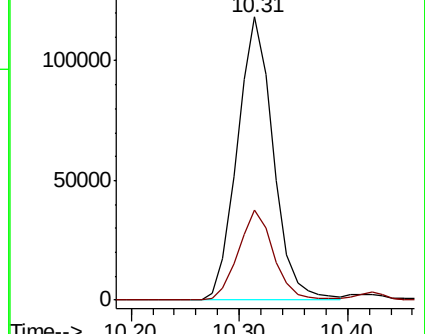
43 100

58 31.7 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 19.444 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.03 min

Lab File: VD062363.D

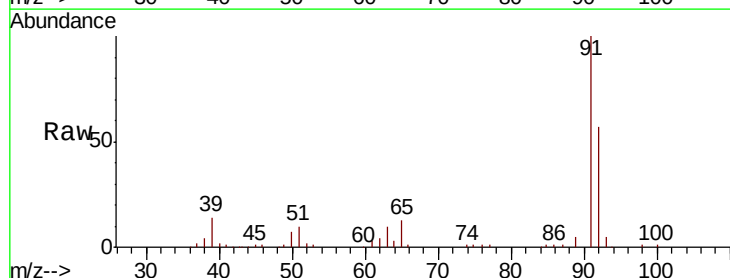
Acq: 15 May 2019 00:19

Tgt Ion: 92 Resp: 196749

Ion Ratio Lower Upper

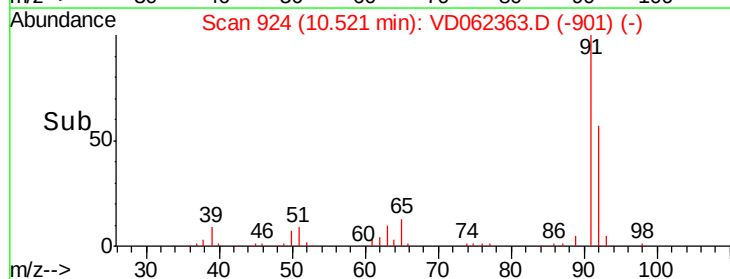
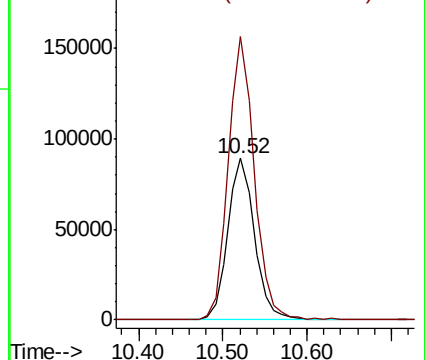
92 100

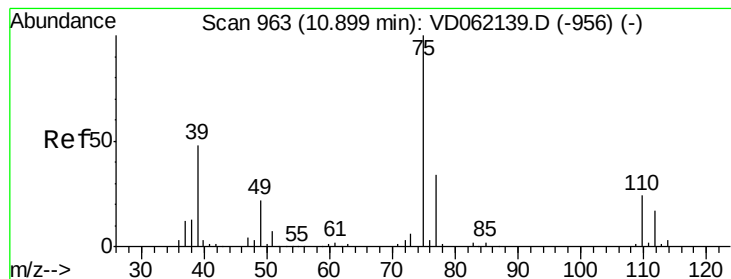
91 175.3 136.6 204.8



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: 20.580 ug/l

RT: 10.92 min Scan# 965

Delta R.T. 0.03 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

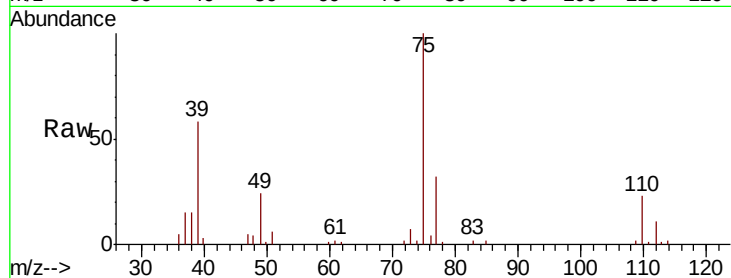
VD0514SBS02

Tot Ion: 75 Resp: 136095

Ion Ratio Lower Upper

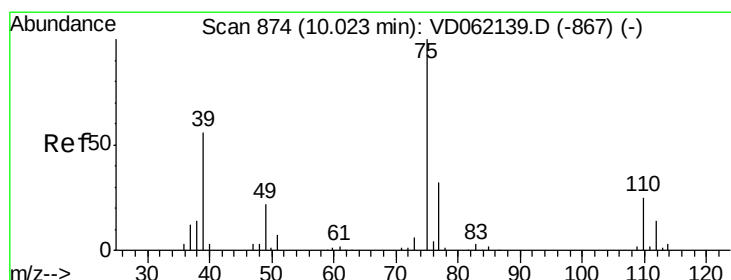
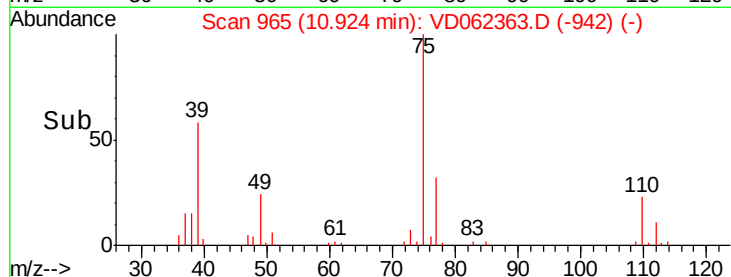
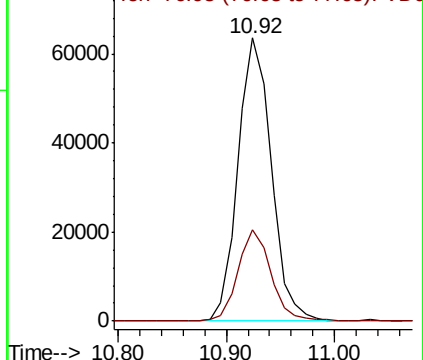
75 100

77 32.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 20.406 ug/l

RT: 10.05 min Scan# 876

Delta R.T. 0.03 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

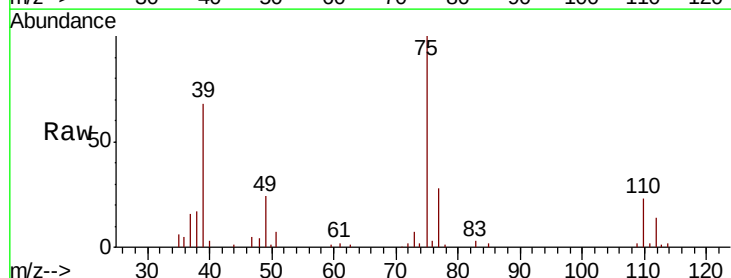
Tgt Ion: 75 Resp: 147220

Ion Ratio Lower Upper

75 100

77 28.4 25.5 38.3

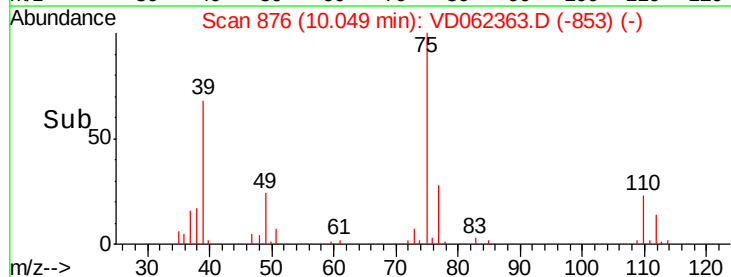
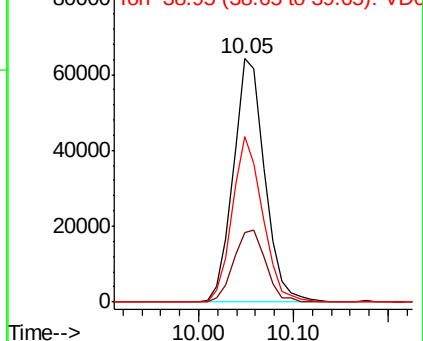
39 68.0 39.4 59.2#

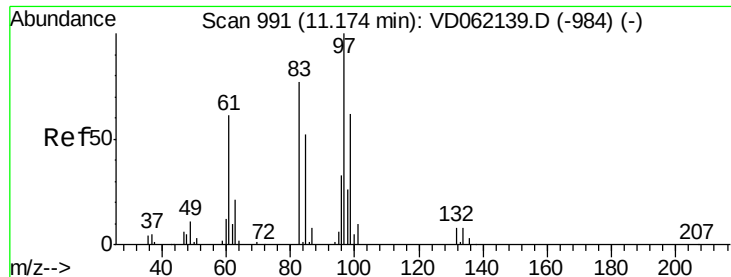


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

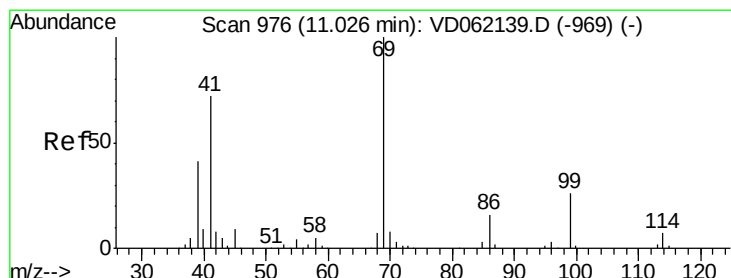
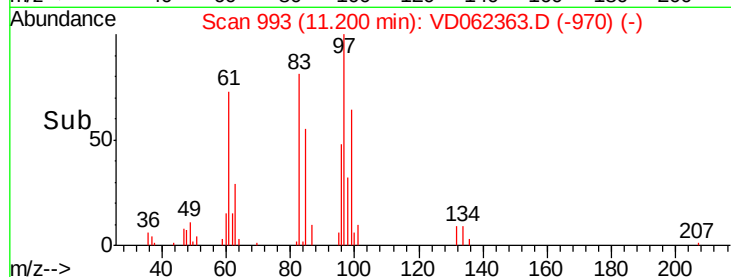
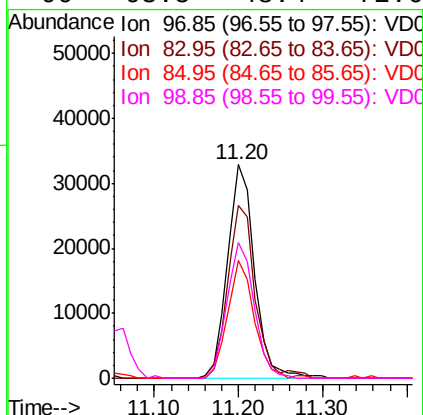
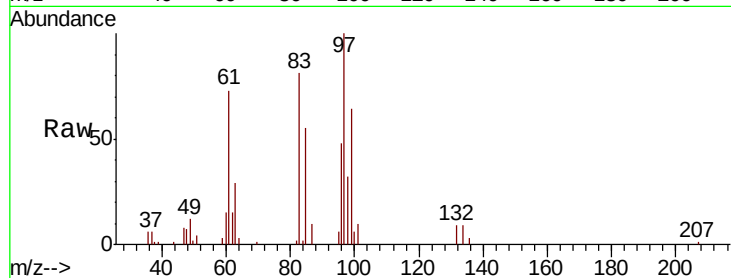




#55  
 1,1,2-Trichloroethane  
 Concen: 20.556 ug/l  
 RT: 11.20 min Scan# 993  
 Delta R.T. 0.03 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

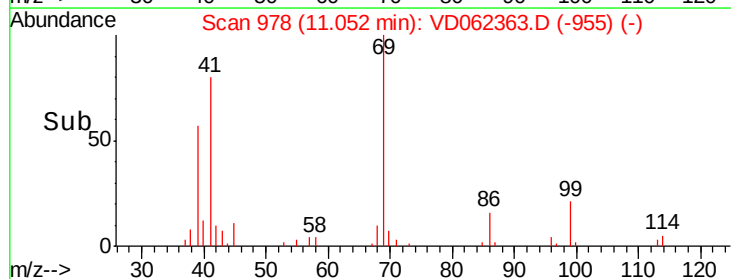
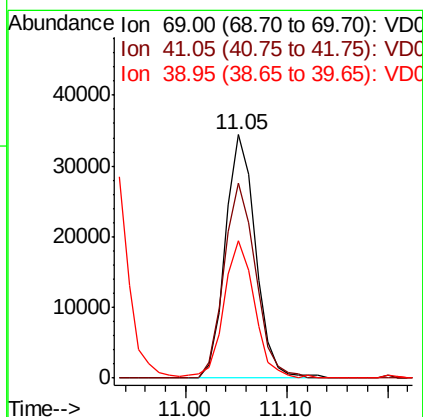
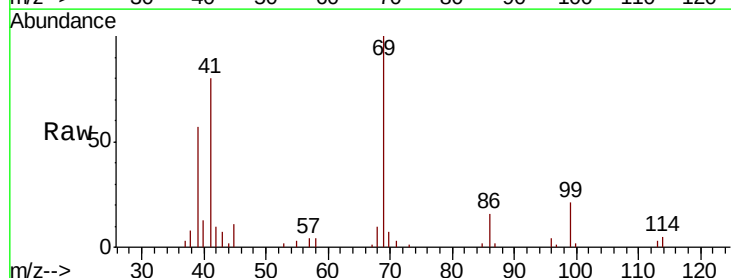
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0514SBS02

| Tot Ion: | 97    | Resp: | 73597 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.2  | 65.7  | 98.5  |
| 85       | 55.1  | 45.6  | 68.4  |
| 99       | 63.5  | 48.4  | 72.6  |

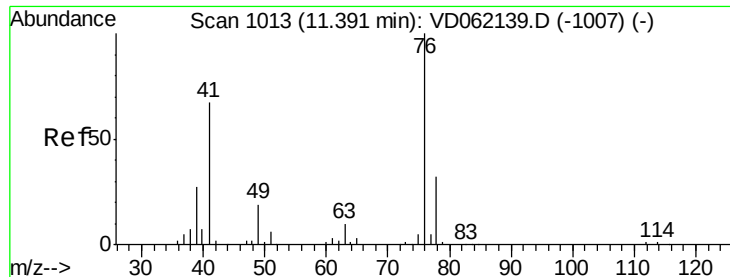


#56  
 Ethyl methacrylate  
 Concen: 19.204 ug/l  
 RT: 11.05 min Scan# 978  
 Delta R.T. 0.03 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

| Tgt Ion: | 69    | Resp: | 71446 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 80.0  | 56.3  | 84.5  |
| 39       | 56.5  | 29.4  | 44.2# |



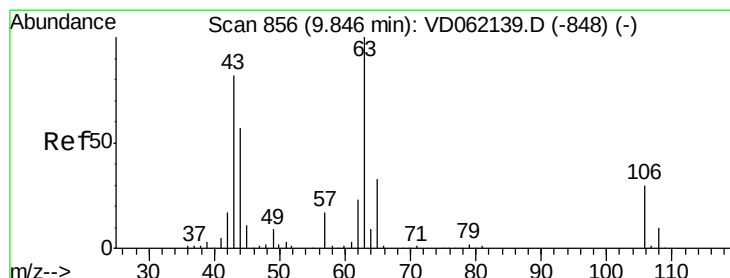
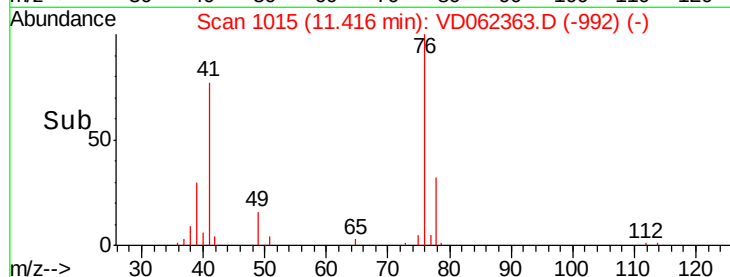
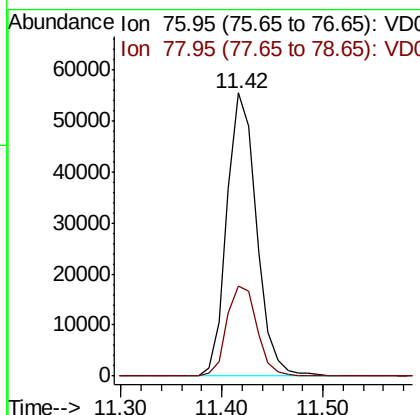
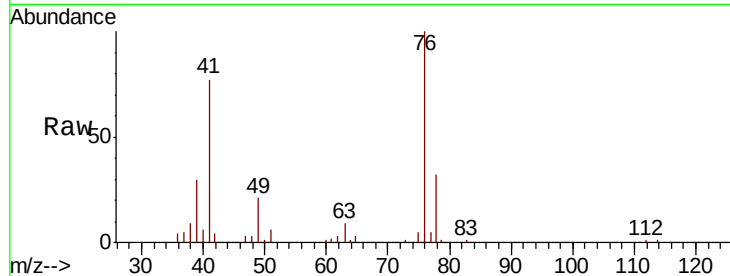




#57  
 1,3-Dichloropropane  
 Concen: 20.894 ug/l  
 RT: 11.42 min Scan# 1015  
 Delta R.T. 0.03 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

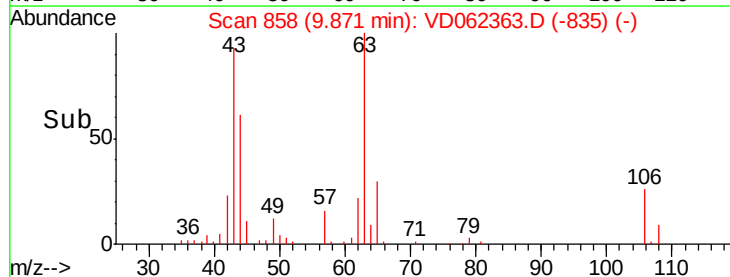
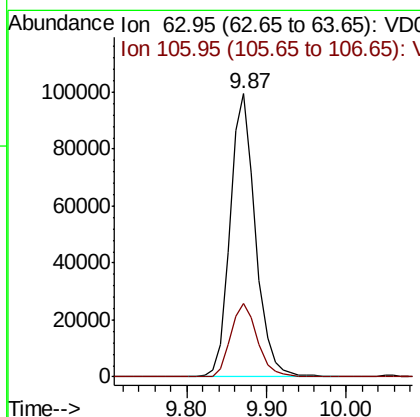
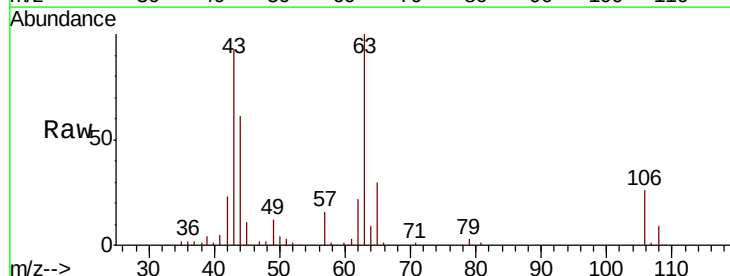
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0514SBS02

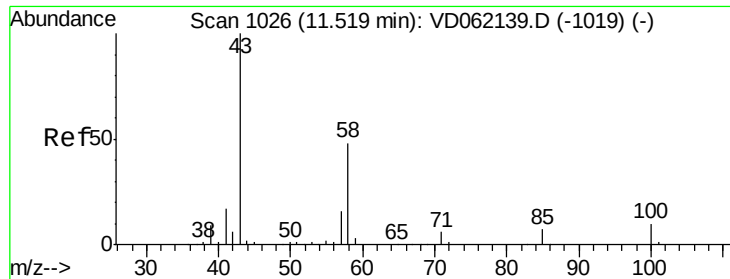
Tot Ion: 76 Resp: 113012  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 26.2 39.2



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 108.572 ug/l  
 RT: 9.87 min Scan# 858  
 Delta R.T. 0.03 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

Tgt Ion: 63 Resp: 220641  
 Ion Ratio Lower Upper  
 63 100  
 106 25.8 22.6 34.0

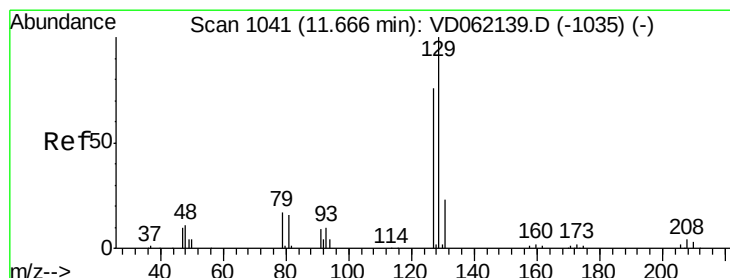
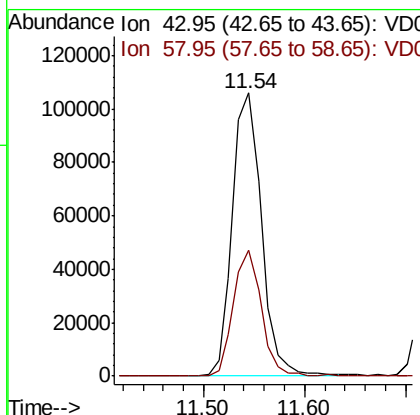
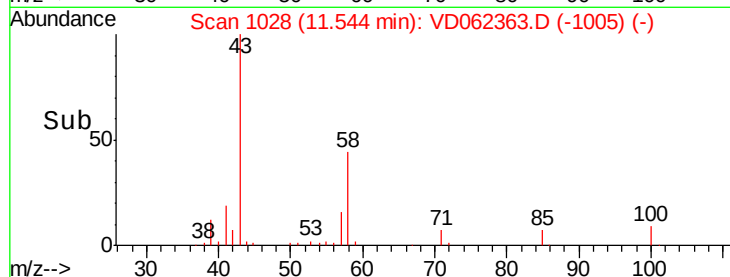
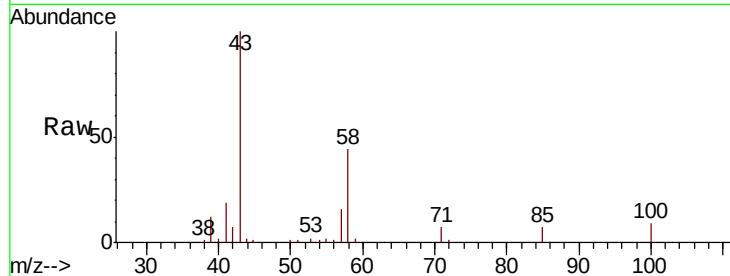




#59  
2-Hexanone  
Concen: 108.392 ug/l  
RT: 11.54 min Scan# 1028  
Delta R.T. 0.03 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

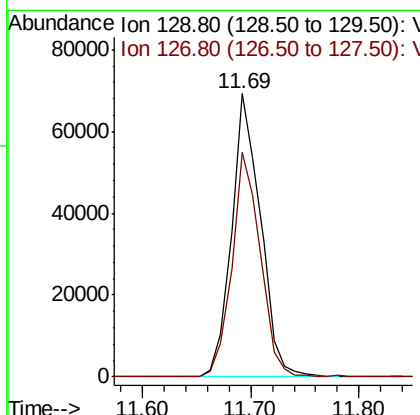
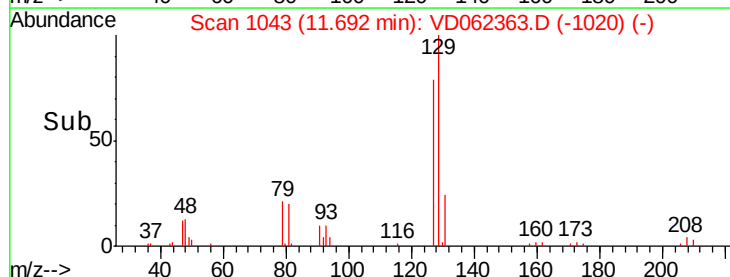
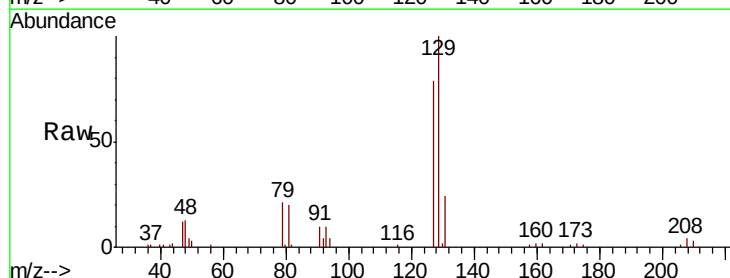
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

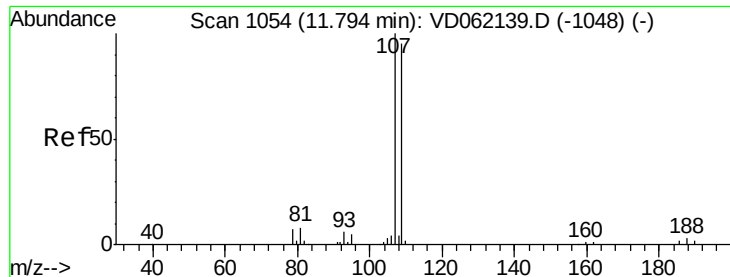
Tot Ion: 43 Resp: 212719  
Ion Ratio Lower Upper  
43 100  
58 44.3 25.4 76.4



#60  
Dibromochloromethane  
Concen: 20.746 ug/l  
RT: 11.69 min Scan# 1043  
Delta R.T. 0.03 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion: 129 Resp: 128362  
Ion Ratio Lower Upper  
129 100  
127 79.5 38.0 113.9

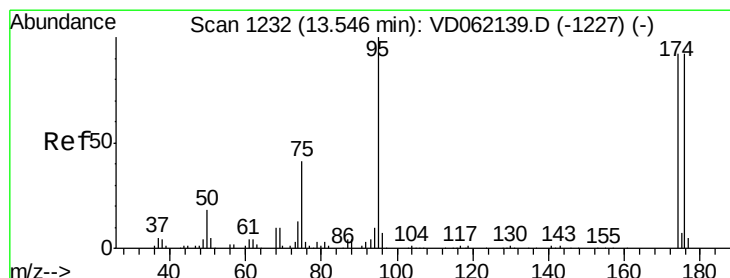
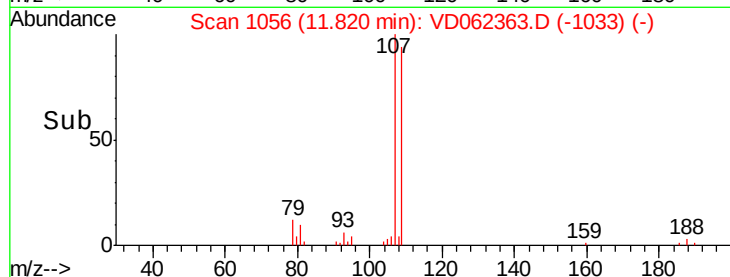
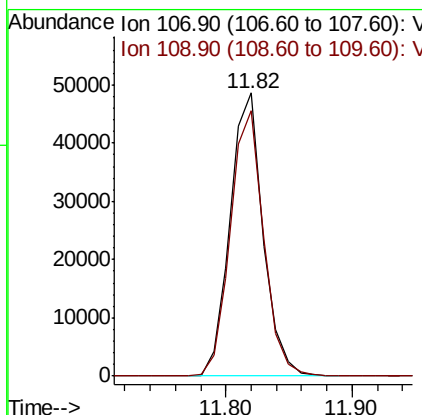
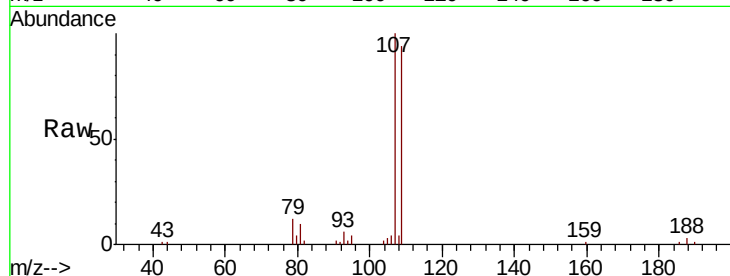




#61  
 1,2-Dibromoethane  
 Concen: 20.033 ug/l  
 RT: 11.82 min Scan# 1056  
 Delta R.T. 0.03 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

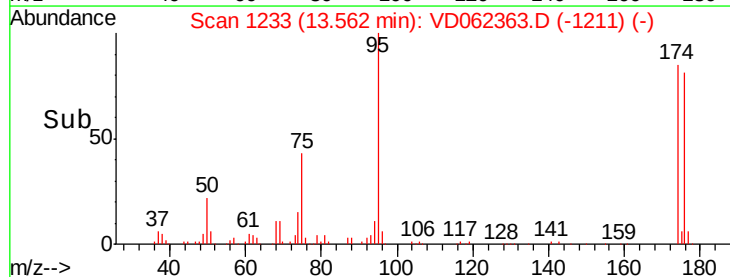
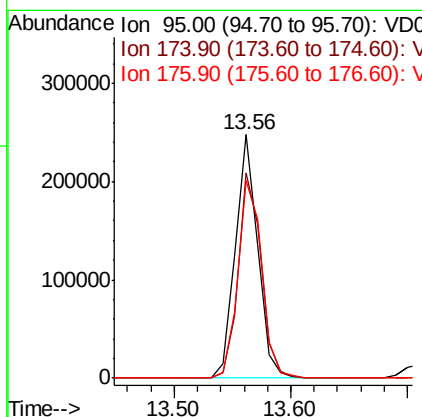
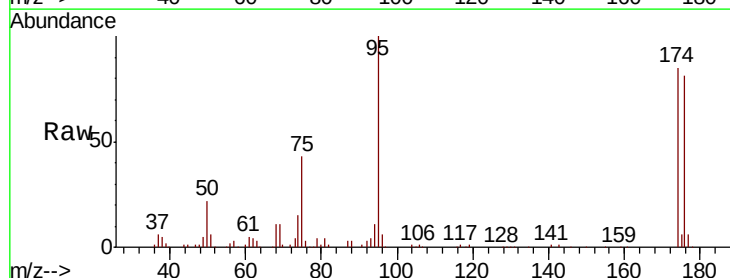
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0514SBS02

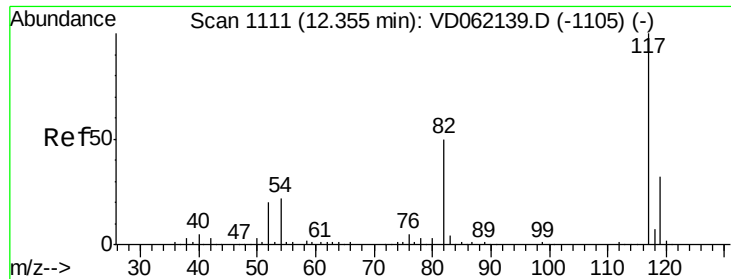
Tot Ion:107 Resp: 87200  
 Ion Ratio Lower Upper  
 107 100  
 109 94.0 78.3 117.5



#62  
 4-Bromofluorobenzene  
 Concen: 48.481 ug/l  
 RT: 13.56 min Scan# 1233  
 Delta R.T. 0.02 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

Tgt Ion: 95 Resp: 327145  
 Ion Ratio Lower Upper  
 95 100  
 174 84.5 0.0 181.8  
 176 81.1 0.0 174.4

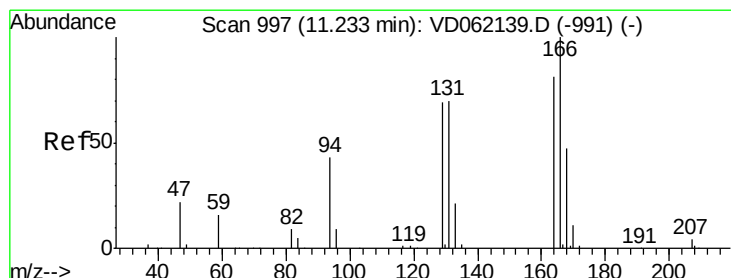
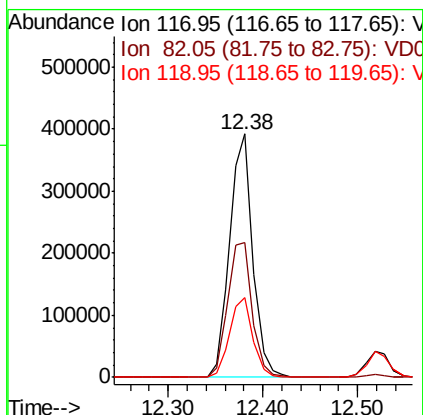
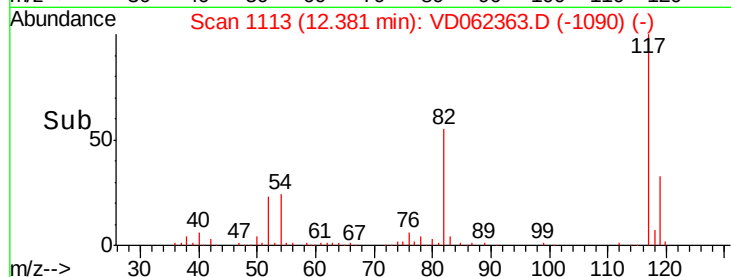
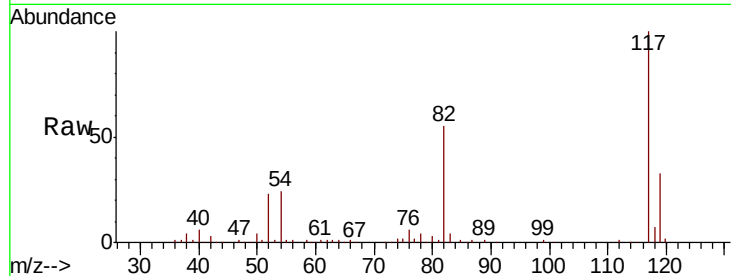




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.38 min Scan# 1113  
Delta R.T. 0.03 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

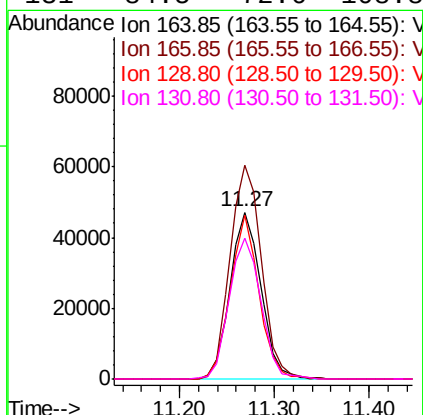
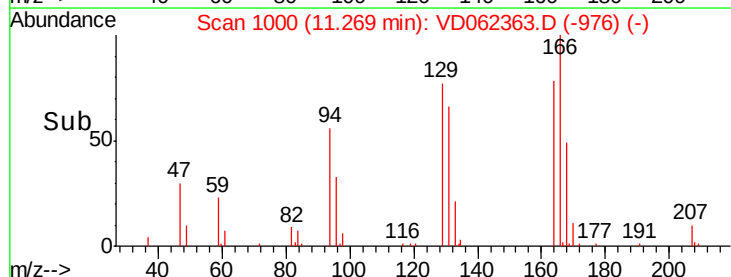
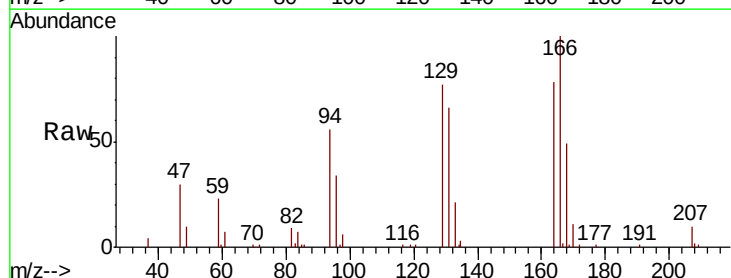
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

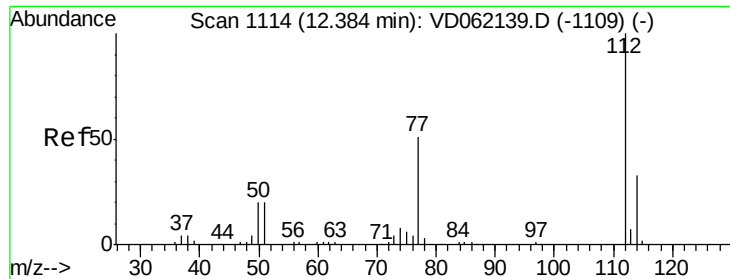
Tot Ion:117 Resp: 663181  
Ion Ratio Lower Upper  
117 100  
82 55.4 36.2 54.2#  
119 32.8 26.2 39.4



#64  
Tetrachloroethene  
Concen: 20.548 ug/l  
RT: 11.27 min Scan# 1000  
Delta R.T. 0.04 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion:164 Resp: 106560  
Ion Ratio Lower Upper  
164 100  
166 127.9 101.5 152.3  
129 98.1 74.6 112.0  
131 84.5 72.6 108.8

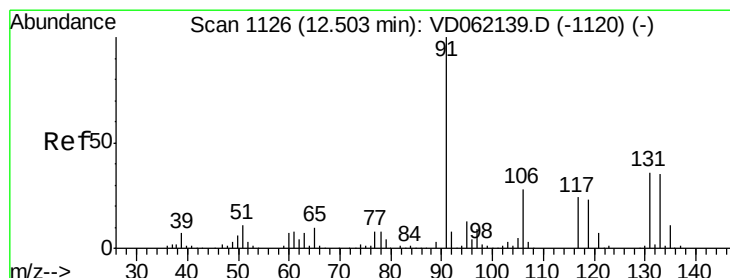
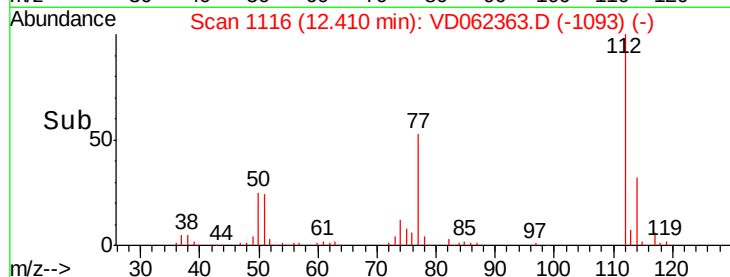
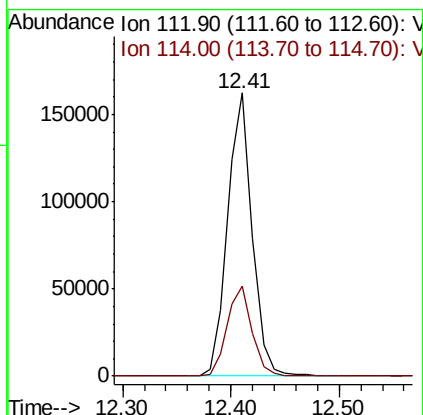
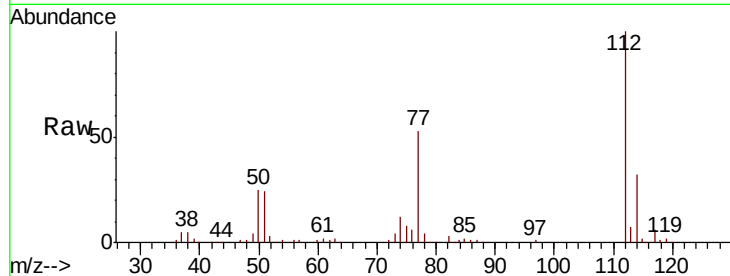




#65  
Chlorobenzene  
Concen: 20.639 ug/l  
RT: 12.41 min Scan# 1116  
Delta R.T. 0.03 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

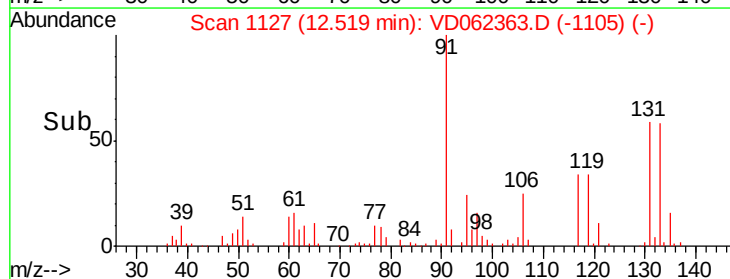
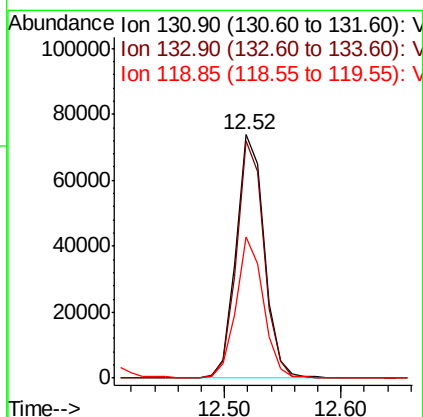
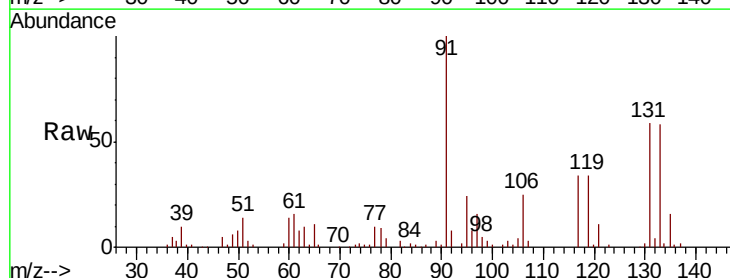
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

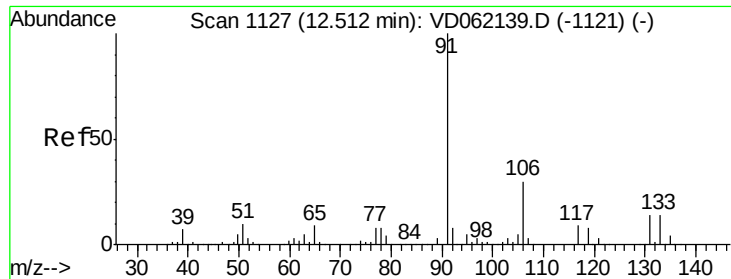
Tot Ion:112 Resp: 254934  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.942 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.02 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion:131 Resp: 123329  
Ion Ratio Lower Upper  
131 100  
133 97.7 48.6 145.8  
119 58.2 34.7 104.1

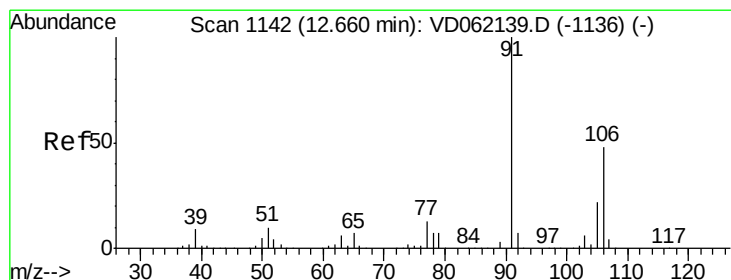
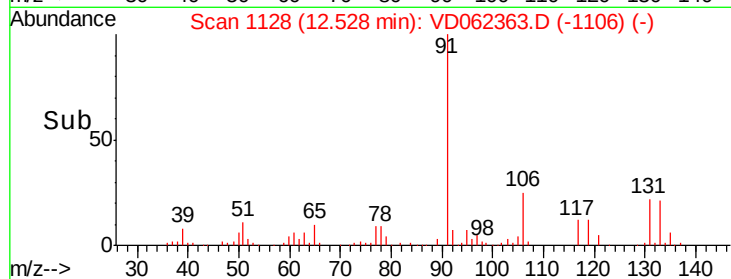
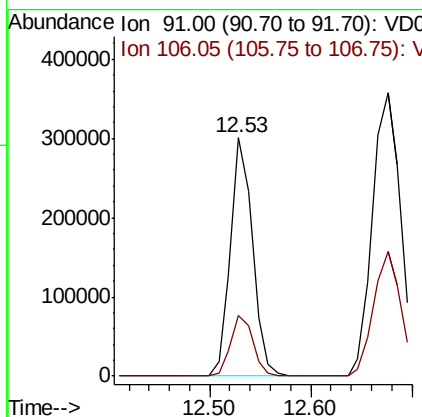
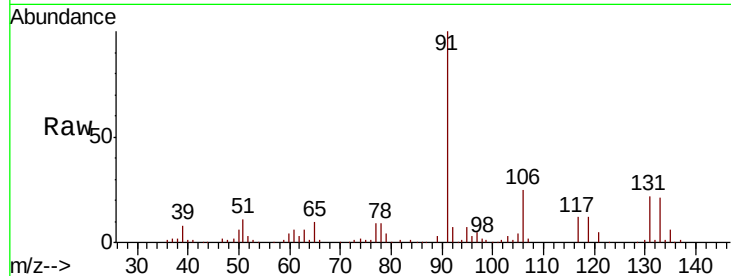




#67  
Ethyl Benzene  
Concen: 22.158 ug/l  
RT: 12.53 min Scan# 1128  
Delta R.T. 0.02 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

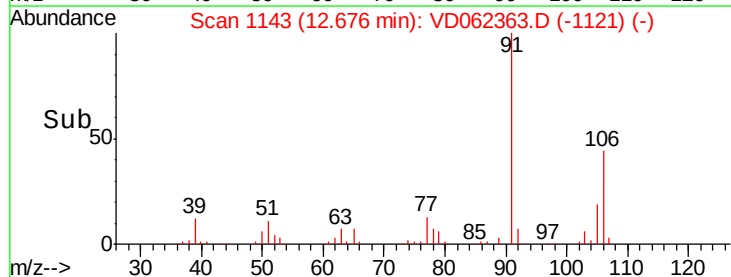
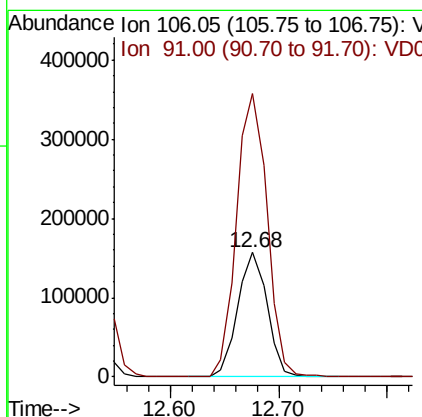
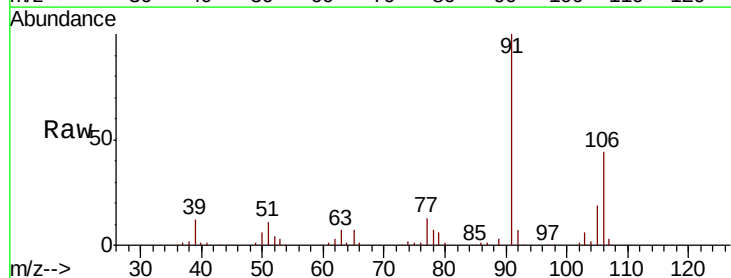
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

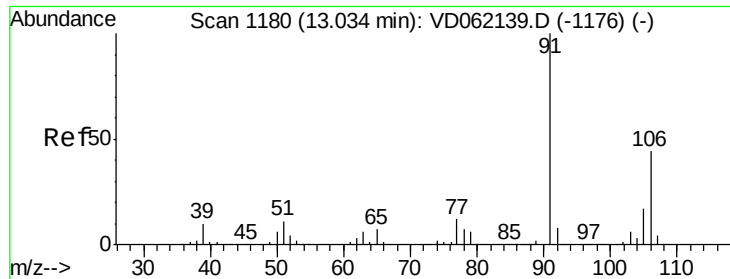
Tot Ion: 91 Resp: 458209  
Ion Ratio Lower Upper  
91 100  
106 25.4 24.7 37.1



#68  
m/p-Xylenes  
Concen: 39.581 ug/l  
RT: 12.68 min Scan# 1143  
Delta R.T. 0.02 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion: 106 Resp: 297786  
Ion Ratio Lower Upper  
106 100  
91 227.2 164.0 246.0

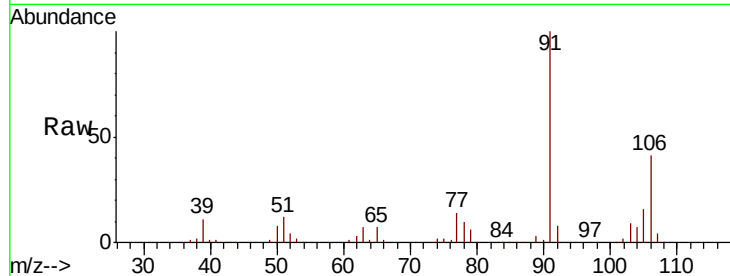




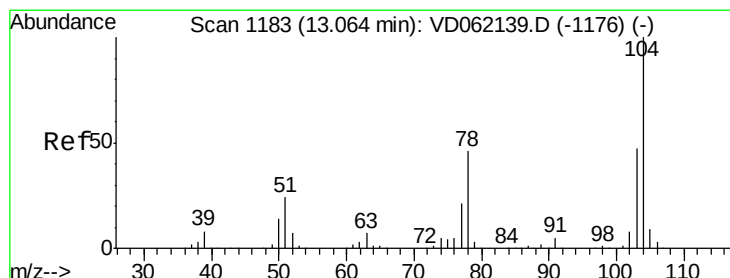
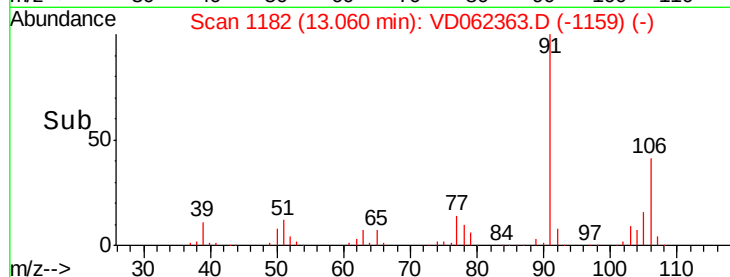
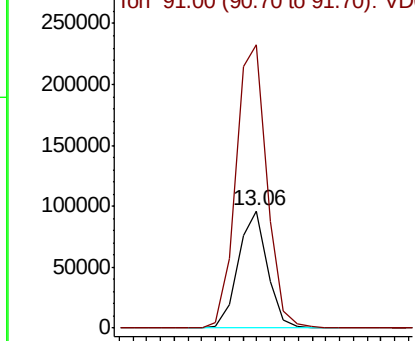
#69  
o-Xylene  
Concen: 20.243 ug/l  
RT: 13.06 min Scan# 1182  
Delta R.T. 0.03 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

Tot Ion:106 Resp: 141590  
Ion Ratio Lower Upper  
106 100  
91 241.7 106.7 319.9

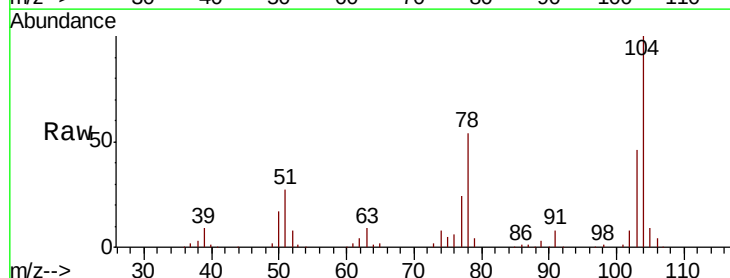


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

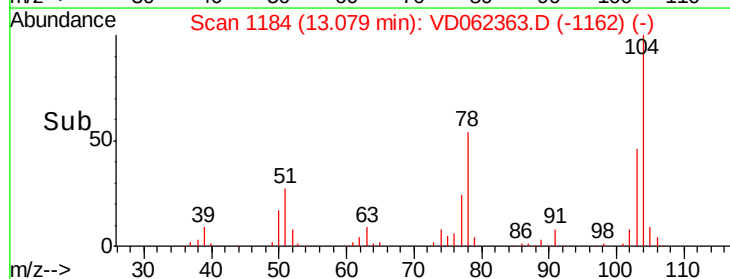
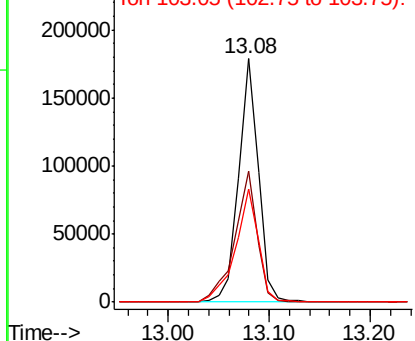


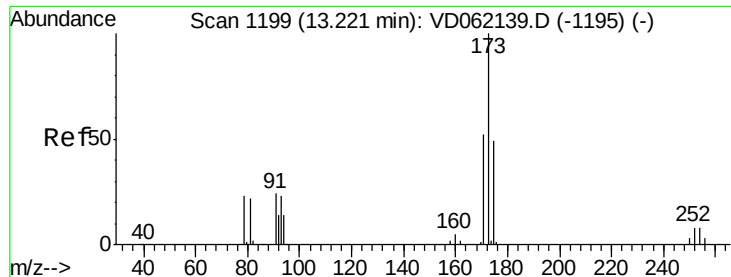
#70  
Styrene  
Concen: 20.473 ug/l  
RT: 13.08 min Scan# 1184  
Delta R.T. 0.02 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion:104 Resp: 242585  
Ion Ratio Lower Upper  
104 100  
78 53.6 35.4 53.2#  
103 46.2 37.5 56.3



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: 22.521 ug/l

RT: 13.25 min Scan# 1201

Delta R.T. 0.03 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0514SBS02

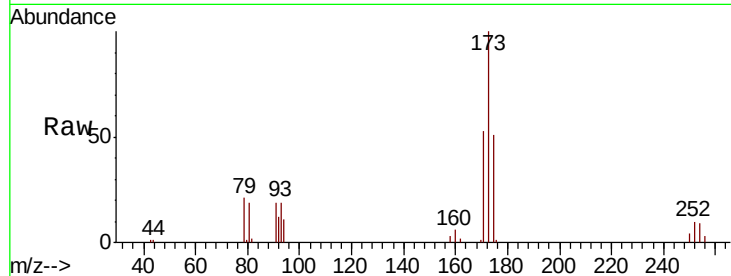
Tot Ion:173 Resp: 84231

Ion Ratio Lower Upper

173 100

175 51.3 24.4 73.4

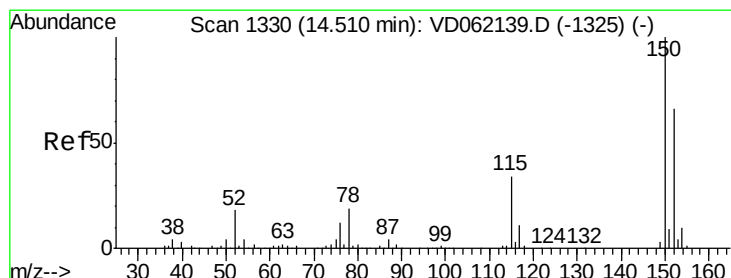
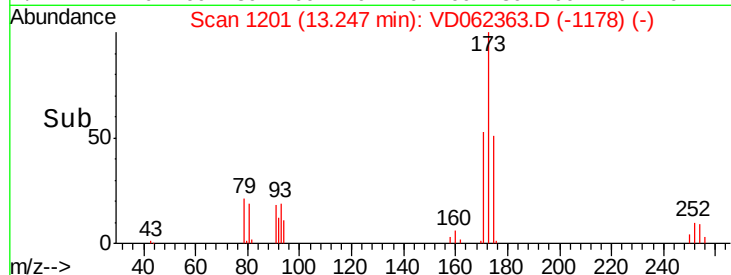
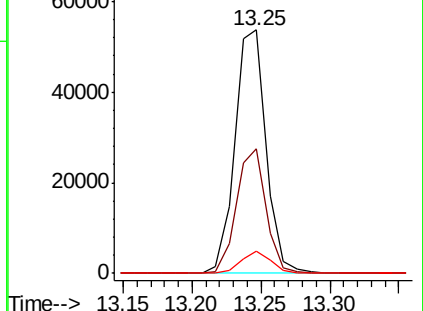
254 9.3 5.4 8.2#



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.02 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

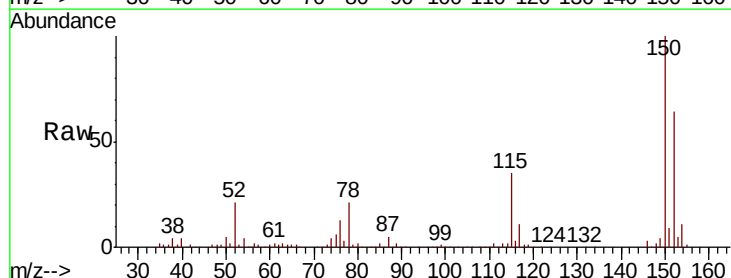
Tgt Ion:152 Resp: 401347

Ion Ratio Lower Upper

152 100

115 55.1 30.9 92.7

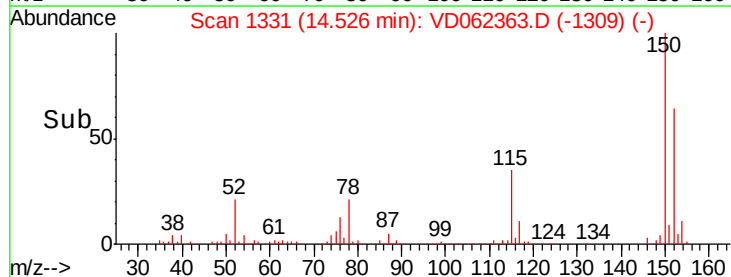
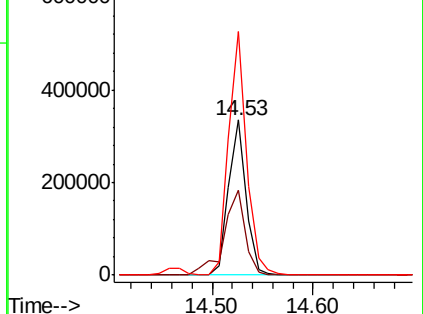
150 157.2 0.0 314.8



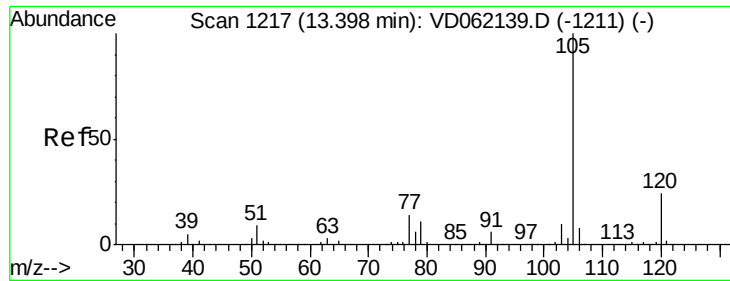
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 19.190 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.02 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

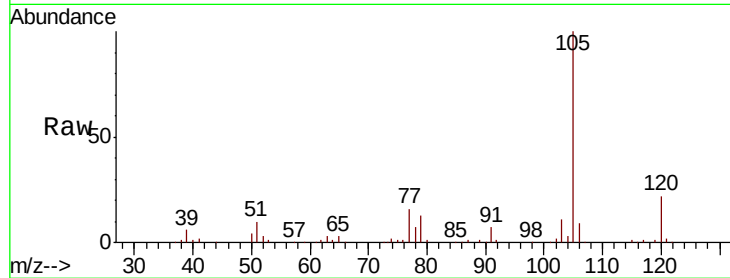
VD0514SBS02

Tot Ion:105 Resp: 461680

Ion Ratio Lower Upper

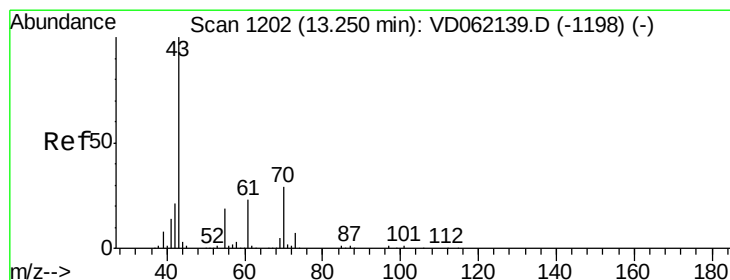
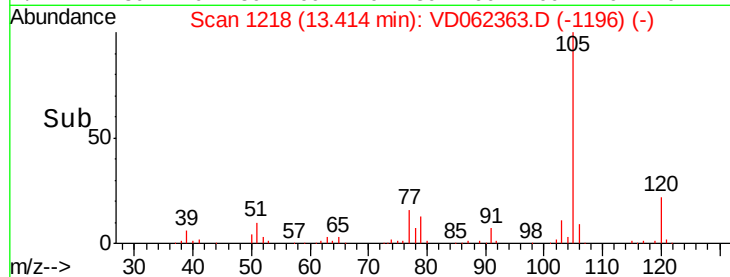
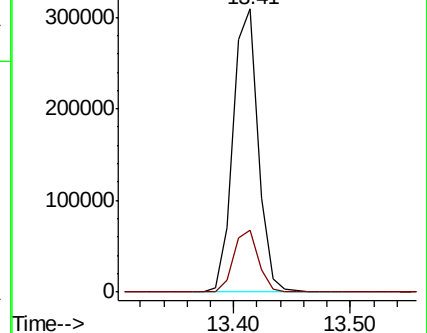
105 100

120 21.8 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 18.337 ug/l

RT: 13.28 min Scan# 1204

Delta R.T. 0.03 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Tgt Ion: 43 Resp: 115660

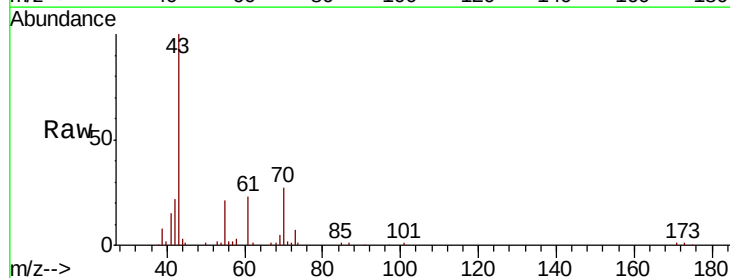
Ion Ratio Lower Upper

43 100

70 27.4 24.2 36.4

55 20.9 16.0 24.0

61 22.6 21.6 32.4

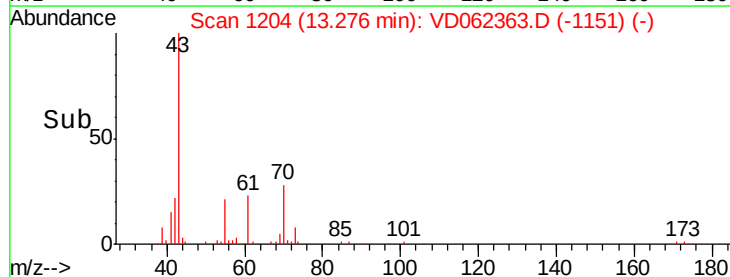
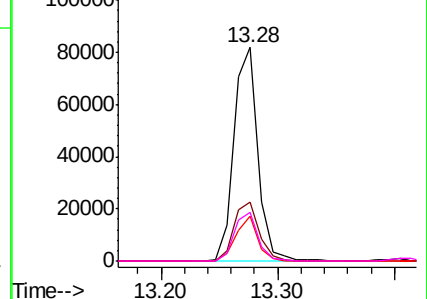


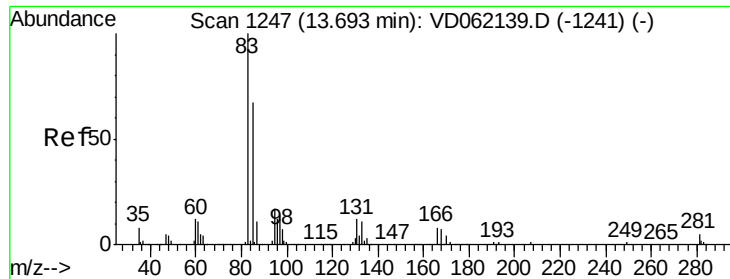
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.761 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.02 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0514SBS02

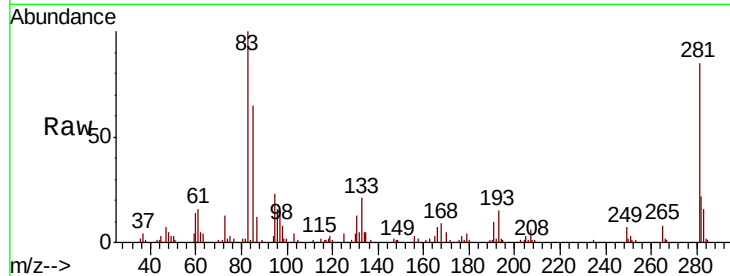
Tot Ion: 83 Resp: 85446

Ion Ratio Lower Upper

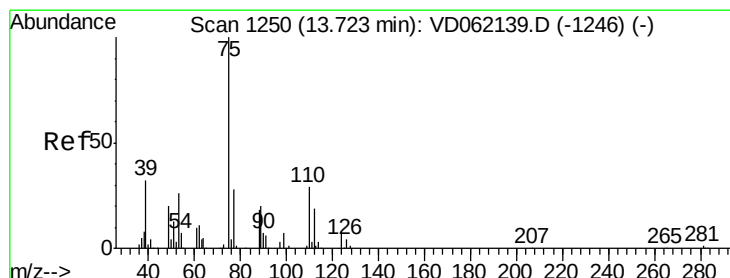
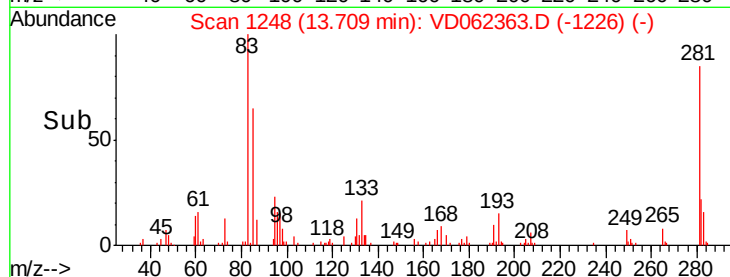
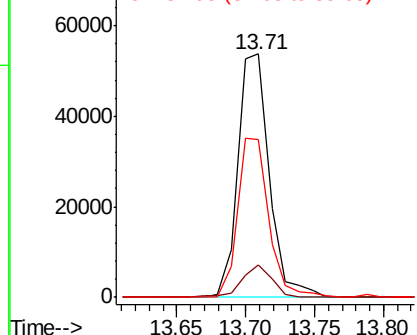
83 100

131 13.3 5.0 14.9

85 65.0 32.6 97.7



Abundance Ion 82.95 (82.65 to 83.65): VDC  
Ion 130.90 (130.60 to 131.60): VDC  
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 21.516 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.02 min

Lab File: VD062363.D

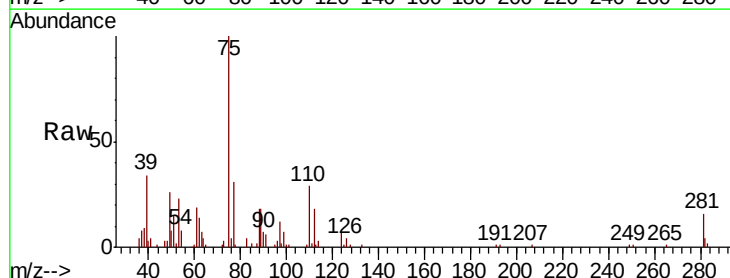
Acq: 15 May 2019 00:19

Tgt Ion: 75 Resp: 102624

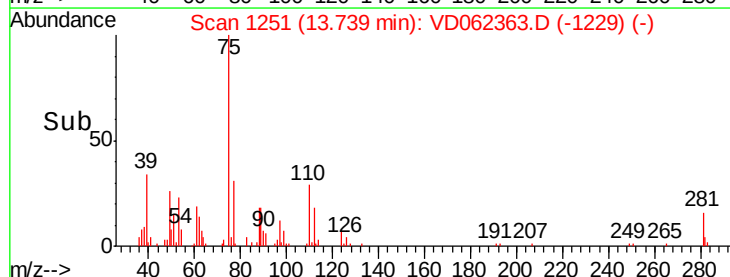
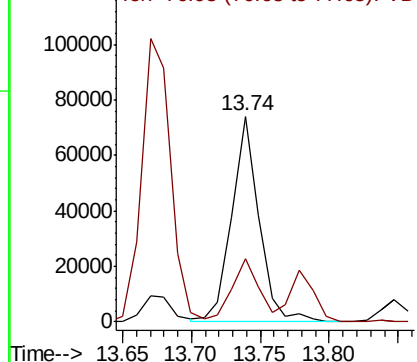
Ion Ratio Lower Upper

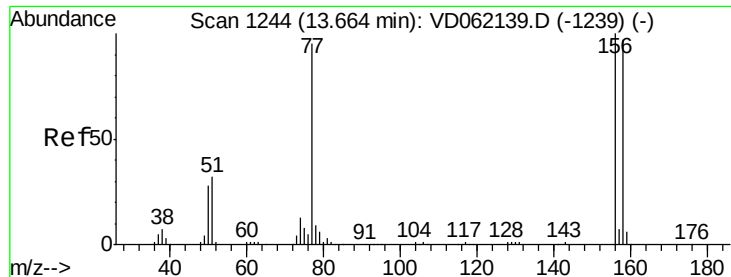
75 100

77 31.0 16.4 49.4



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





#77

Bromobenzene

Concen: 18.005 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. 0.02 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0514SBS02

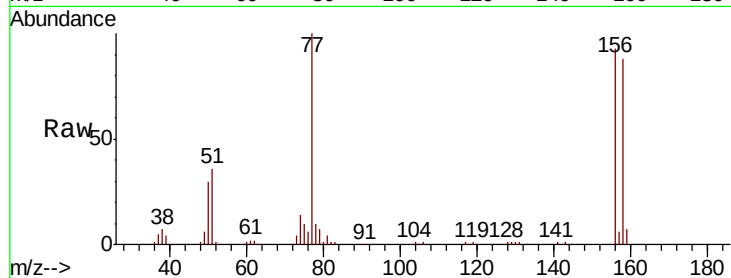
Tot Ion:156 Resp: 121256

Ion Ratio Lower Upper

156 100

77 107.2 53.1 159.4

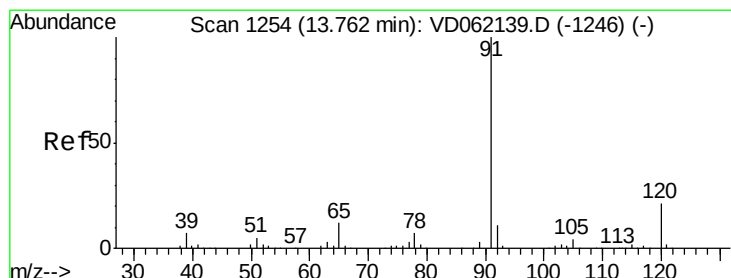
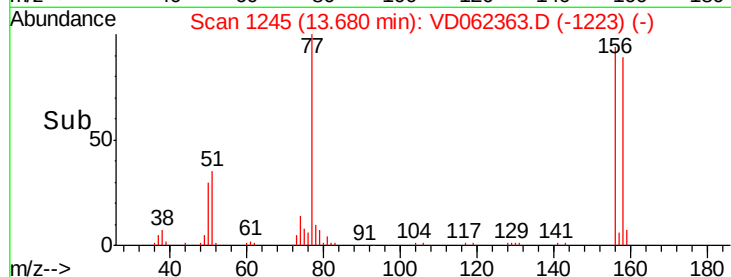
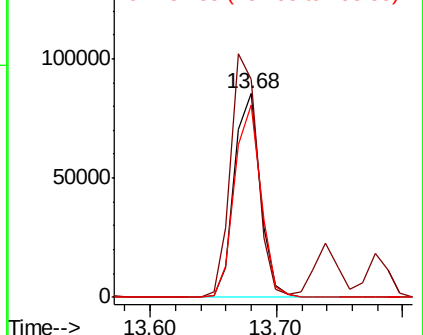
158 94.5 49.4 148.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 18.883 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.02 min

Lab File: VD062363.D

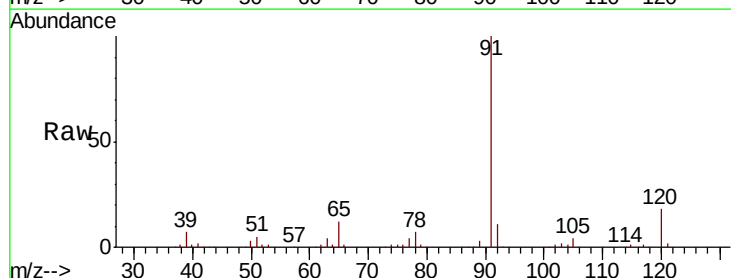
Acq: 15 May 2019 00:19

Tgt Ion: 91 Resp: 541907

Ion Ratio Lower Upper

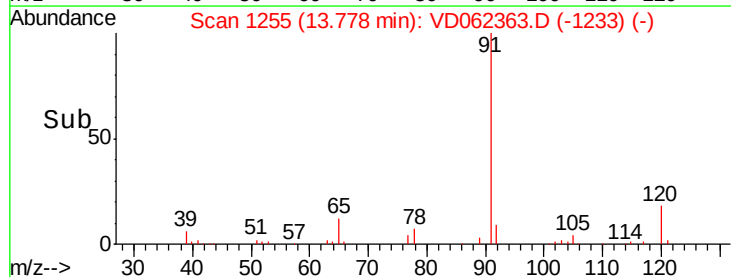
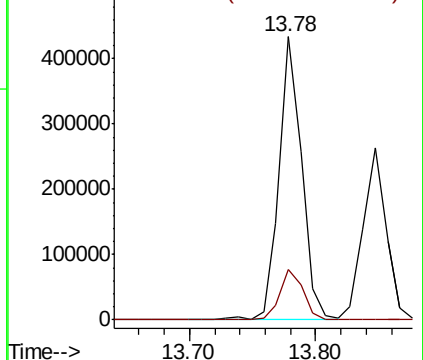
91 100

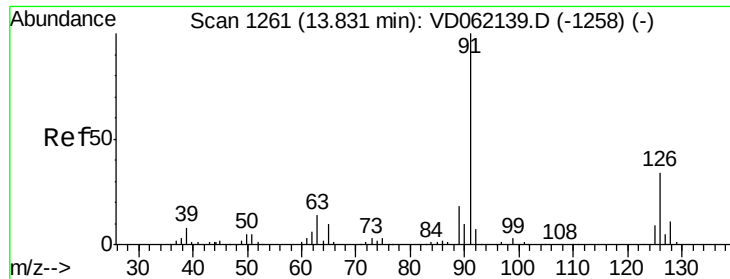
120 17.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 20.038 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.02 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

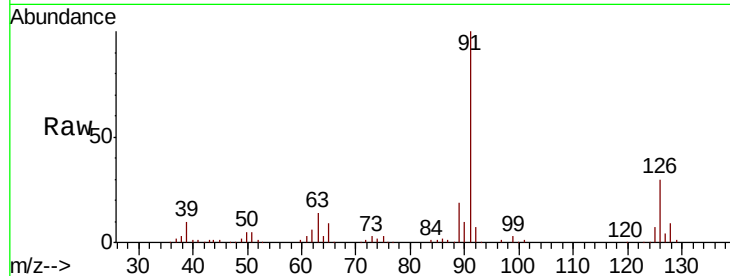
VD0514SBS02

Tot Ion: 91 Resp: 329353

Ion Ratio Lower Upper

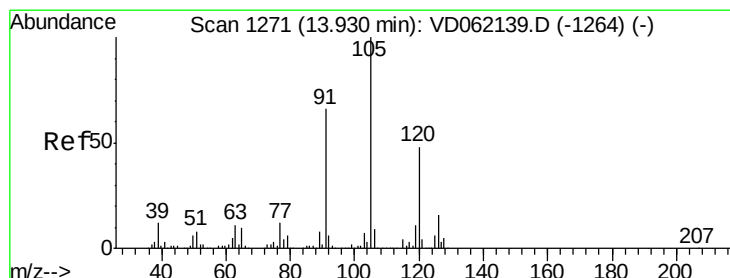
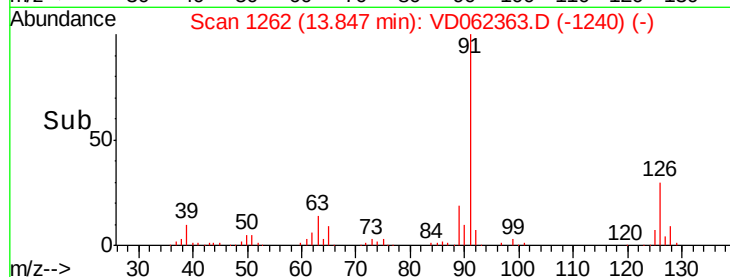
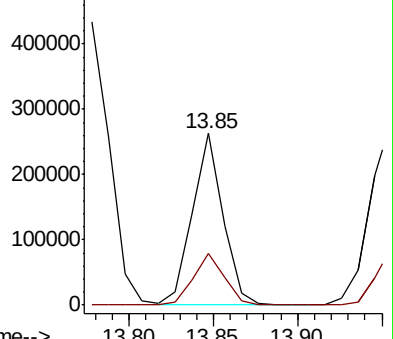
91 100

126 29.9 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 17.925 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD062363.D

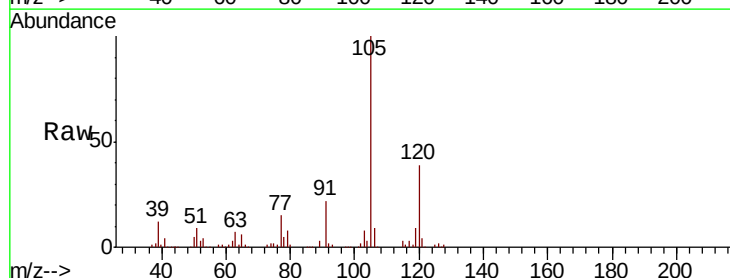
Acq: 15 May 2019 00:19

Tgt Ion: 105 Resp: 363130

Ion Ratio Lower Upper

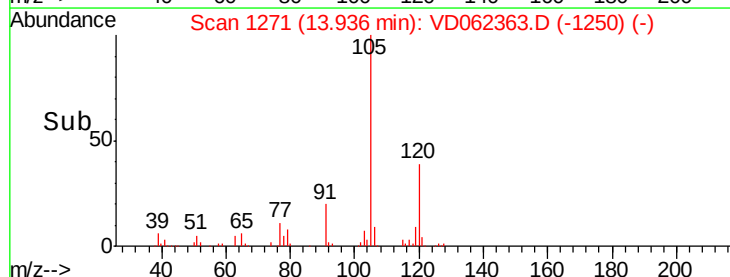
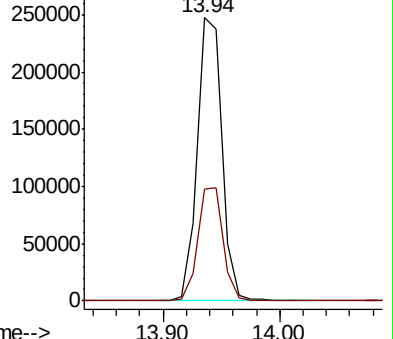
105 100

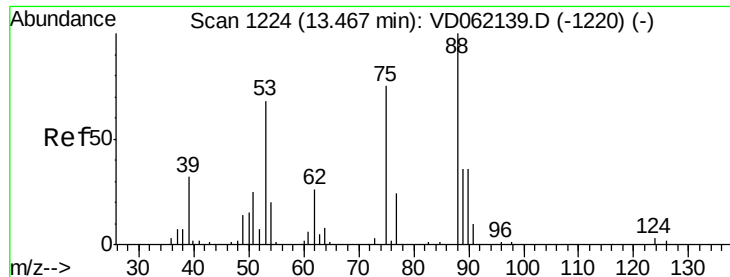
120 39.4 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.159 ug/l

RT: 13.48 min Scan# 1225

Delta R.T. 0.02 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0514SBS02

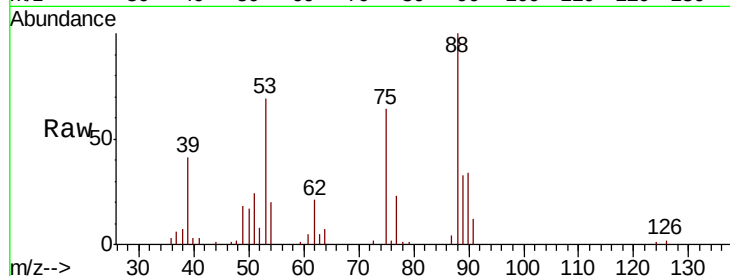
Tot Ion: 75 Resp: 23105

Ion Ratio Lower Upper

75 100

53 108.6 65.8 98.8#

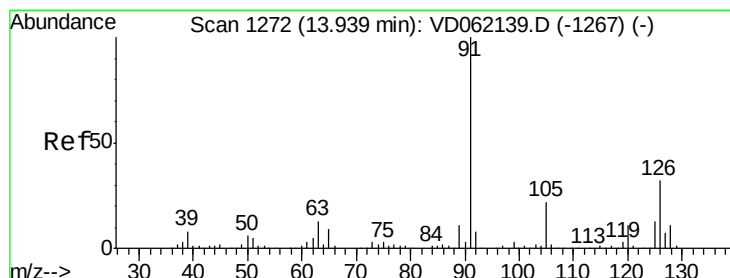
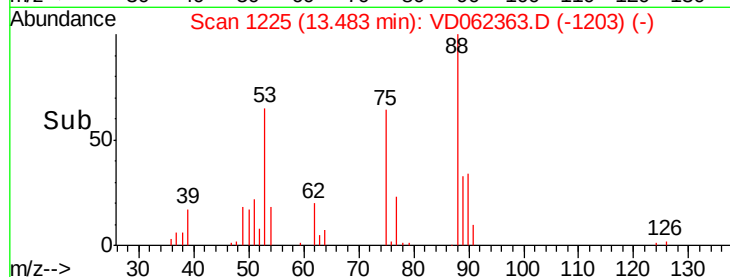
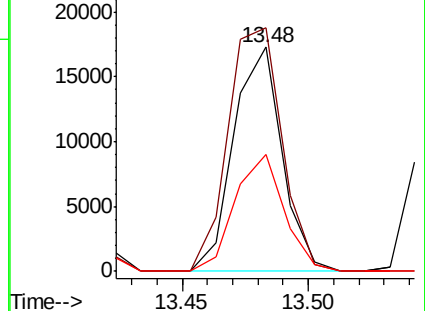
89 52.1 35.0 52.6



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 19.840 ug/l

RT: 13.96 min Scan# 1273

Delta R.T. 0.02 min

Lab File: VD062363.D

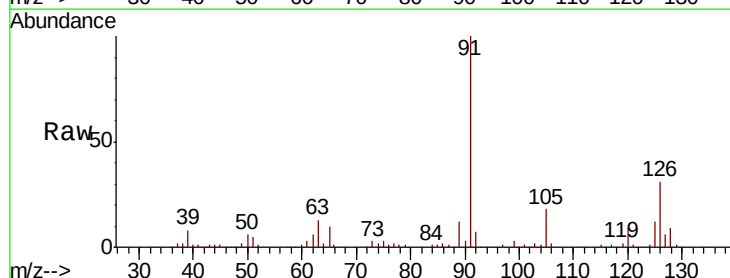
Acq: 15 May 2019 00:19

Tgt Ion: 91 Resp: 383735

Ion Ratio Lower Upper

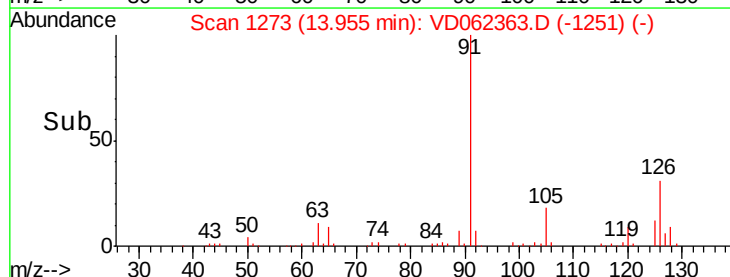
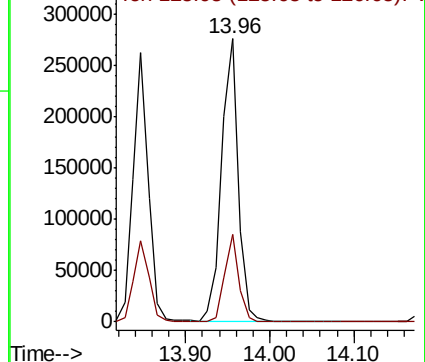
91 100

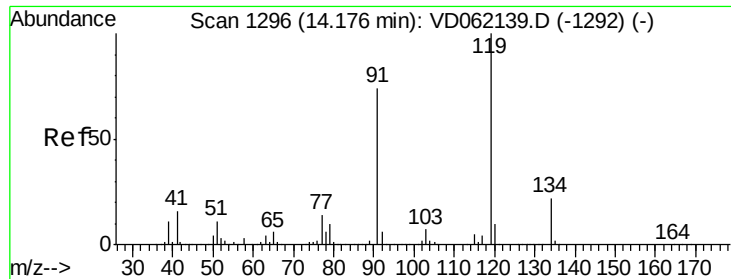
126 31.2 19.1 57.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

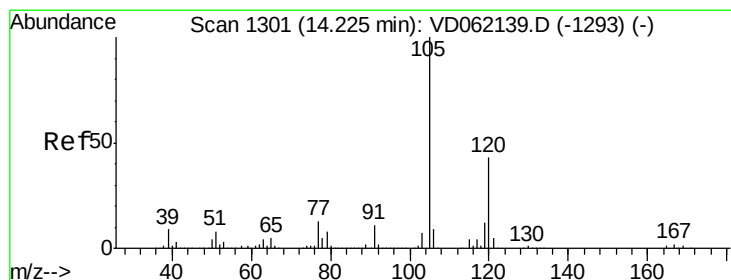
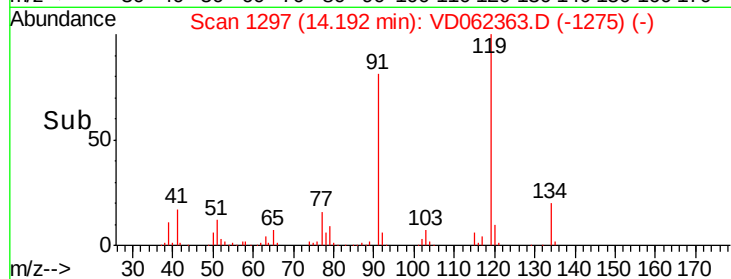
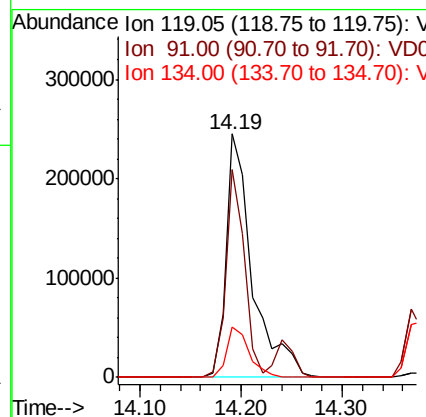
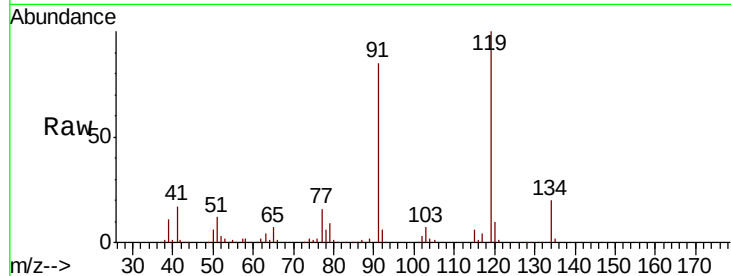




#83  
 tert-Butylbenzene  
 Concen: 19.424 ug/l  
 RT: 14.19 min Scan# 1297  
 Delta R.T. 0.02 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

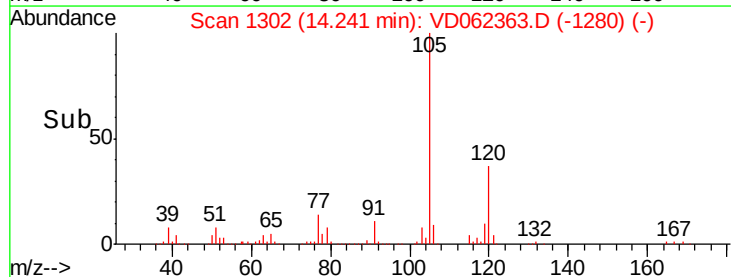
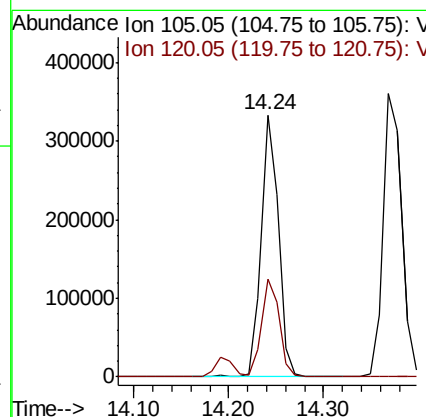
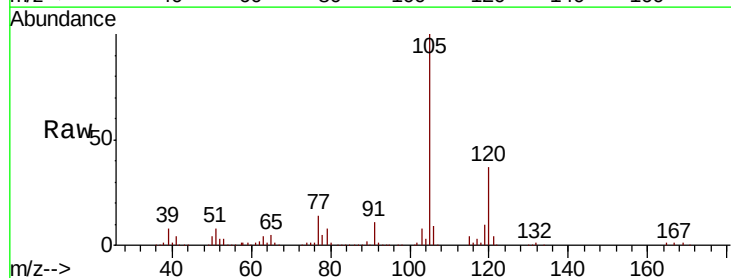
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0514SBS02

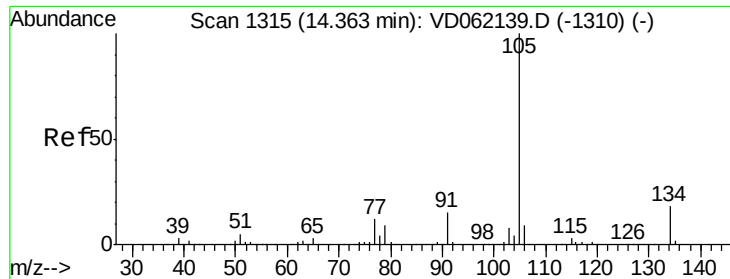
Tot Ion:119 Resp: 442304  
 Ion Ratio Lower Upper  
 119 100  
 91 85.3 34.2 102.6  
 134 20.5 12.0 36.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.881 ug/l  
 RT: 14.24 min Scan# 1302  
 Delta R.T. 0.02 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

Tgt Ion:105 Resp: 424508  
 Ion Ratio Lower Upper  
 105 100  
 120 37.2 23.1 69.2

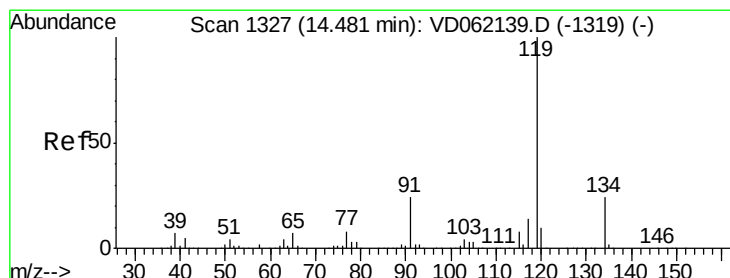
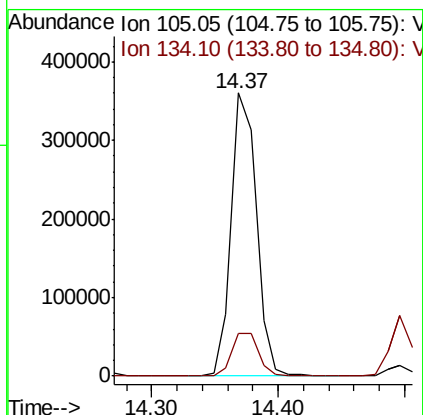
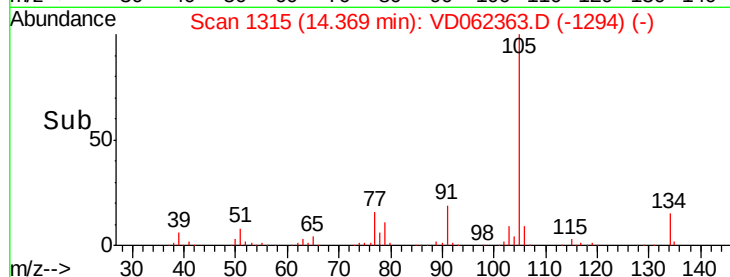
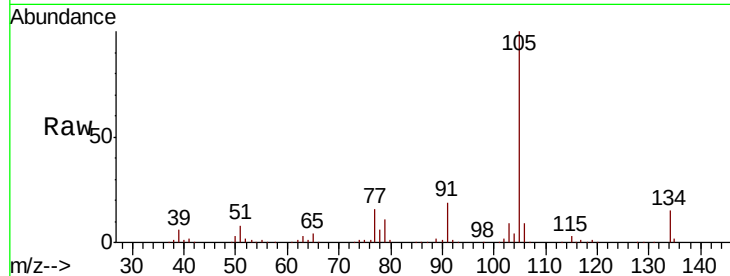




#85  
 sec-Butylbenzene  
 Concen: 19.886 ug/l  
 RT: 14.37 min Scan# 1315  
 Delta R.T. 0.01 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

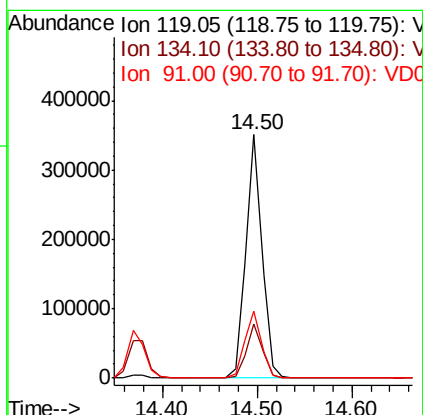
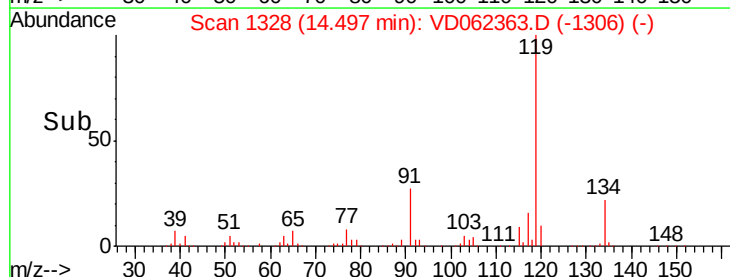
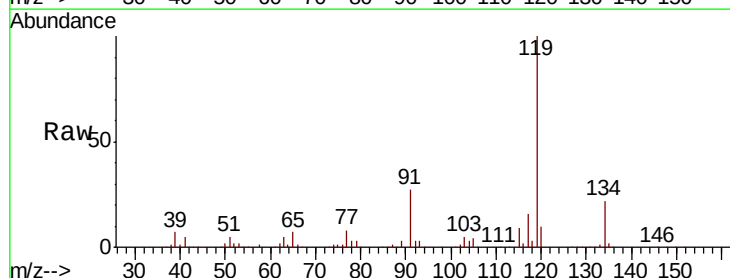
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0514SBS02

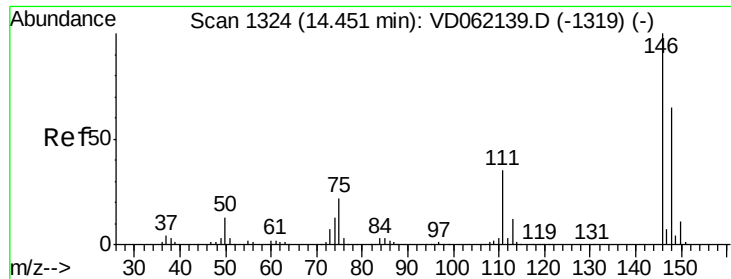
Tot Ion:105 Resp: 496464  
 Ion Ratio Lower Upper  
 105 100  
 134 14.9 8.9 26.7



#86  
 p-Isopropyltoluene  
 Concen: 18.635 ug/l  
 RT: 14.50 min Scan# 1328  
 Delta R.T. 0.02 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

Tgt Ion:119 Resp: 415670  
 Ion Ratio Lower Upper  
 119 100  
 134 22.1 12.8 38.3  
 91 27.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 17.615 ug/l

RT: 14.46 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0514SBS02

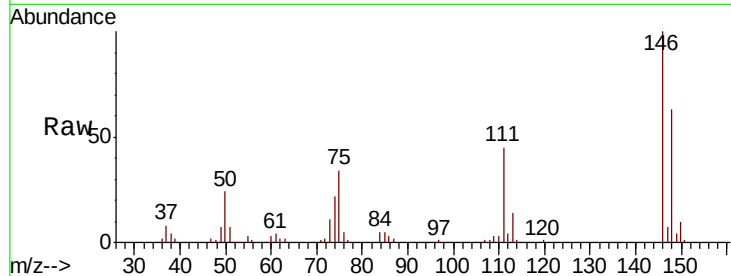
Tot Ion:146 Resp: 216707

Ion Ratio Lower Upper

146 100

111 44.7 20.0 60.0

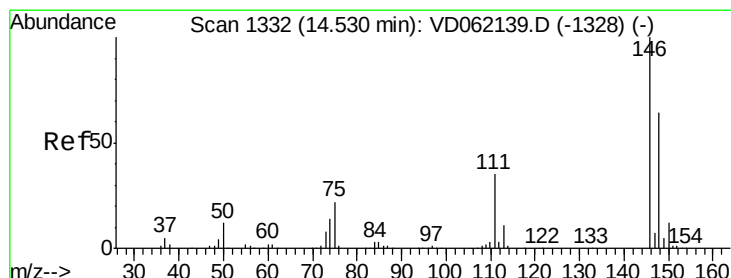
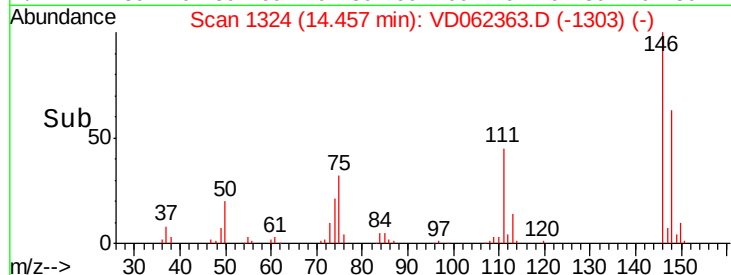
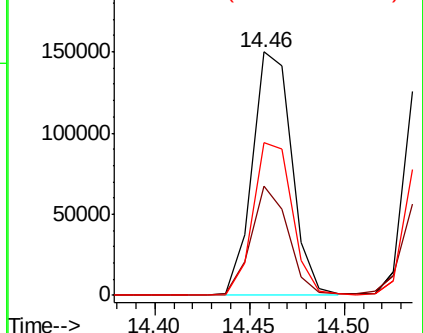
148 62.6 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 19.147 ug/l

RT: 14.55 min Scan# 1333

Delta R.T. 0.02 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

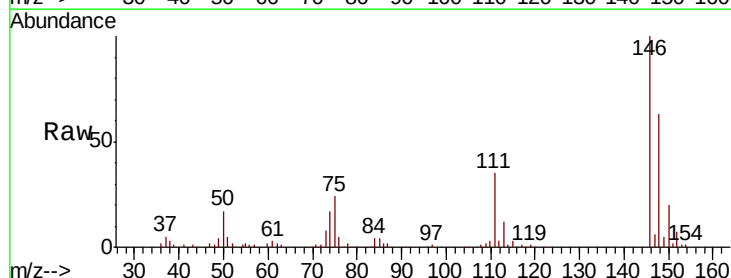
Tgt Ion:146 Resp: 231454

Ion Ratio Lower Upper

146 100

111 35.4 20.2 60.5

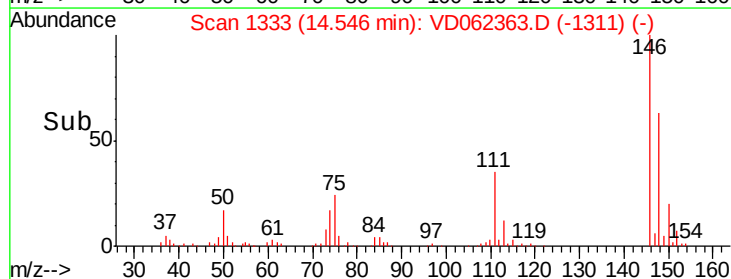
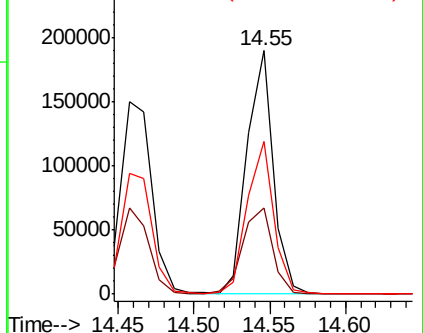
148 62.9 32.0 96.2



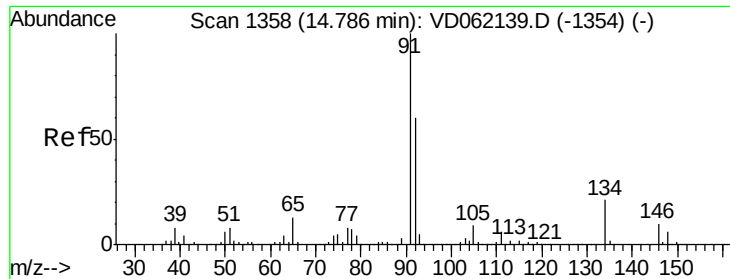
Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V







#89

n-Butylbenzene

Concen: 20.269 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.02 min

Lab File: VD062363.D

Acq: 15 May 2019 00:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0514SBS02

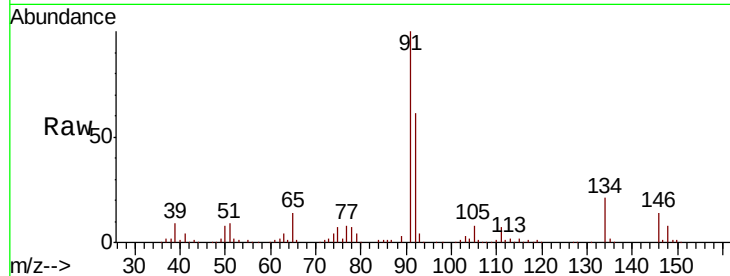
Tot Ion: 91 Resp: 405796

Ion Ratio Lower Upper

91 100

92 61.5 30.3 91.0

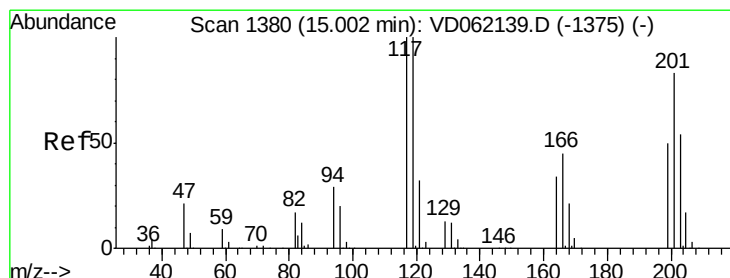
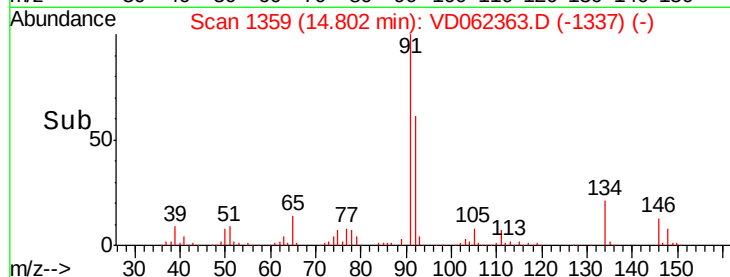
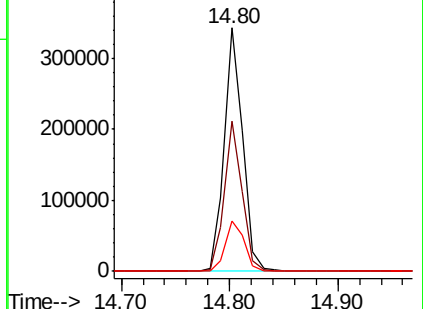
134 20.9 14.5 43.6



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: 19.352 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. 0.01 min

Lab File: VD062363.D

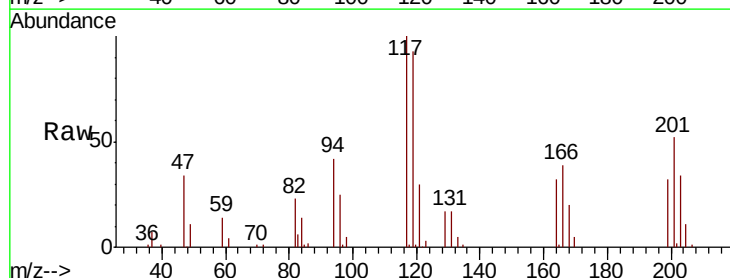
Acq: 15 May 2019 00:19

Tgt Ion: 117 Resp: 117388

Ion Ratio Lower Upper

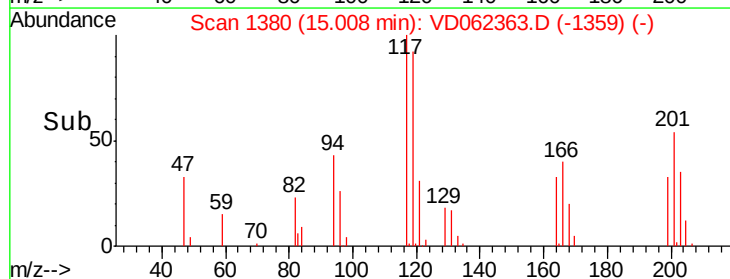
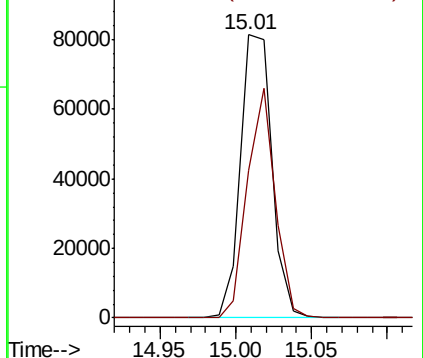
117 100

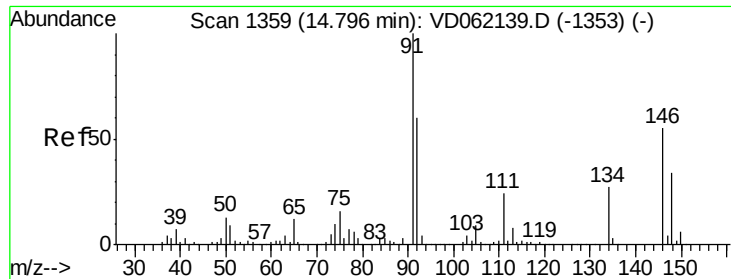
201 52.1 30.2 90.6



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

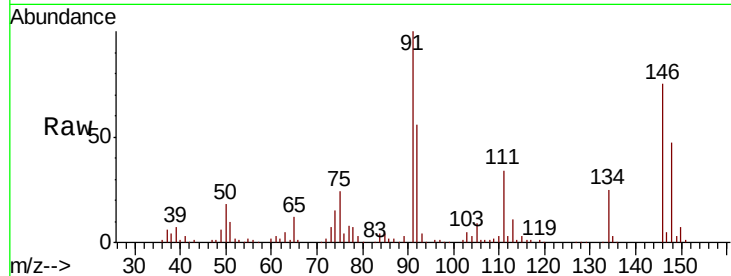




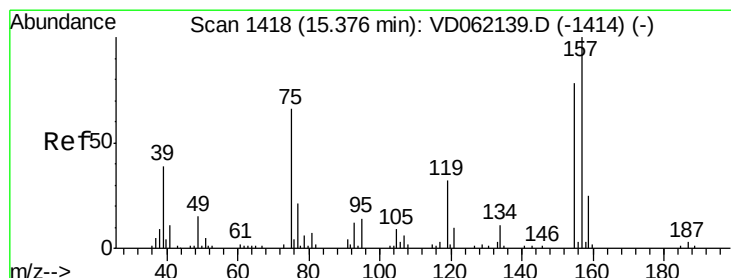
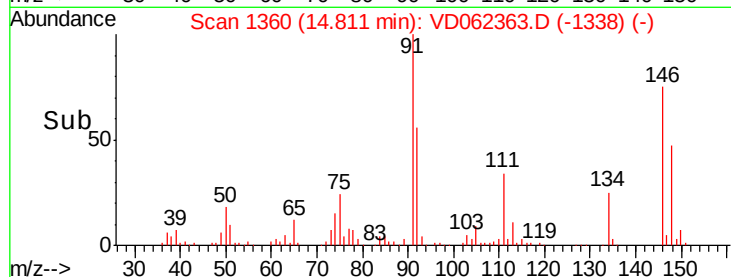
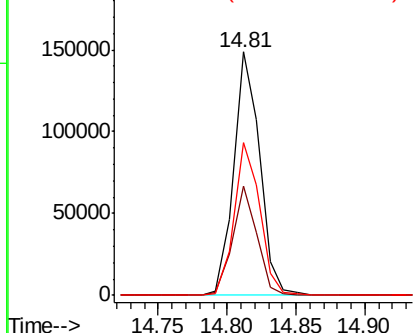
#91  
 1,2-Dichlorobenzene  
 Concen: 19.267 ug/l  
 RT: 14.81 min Scan# 1360  
 Delta R.T. 0.02 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0514SBS02

Tot Ion:146 Resp: 195214  
 Ion Ratio Lower Upper  
 146 100  
 111 44.9 20.0 59.9  
 148 62.8 32.3 96.8

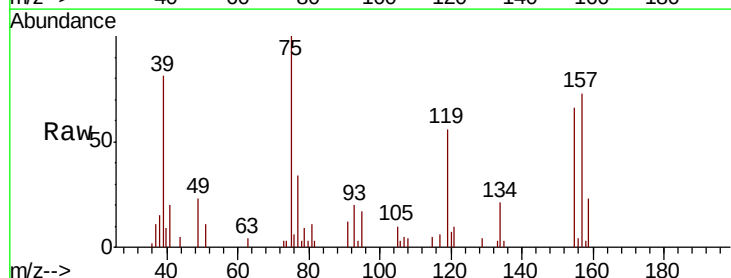


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

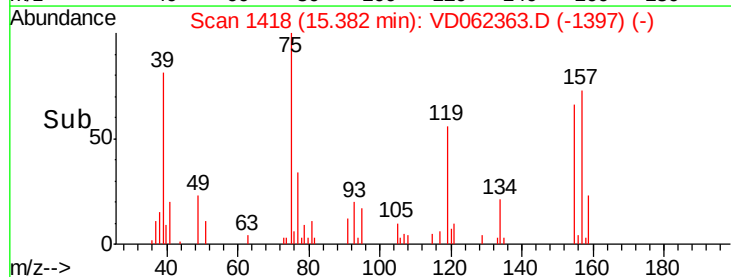
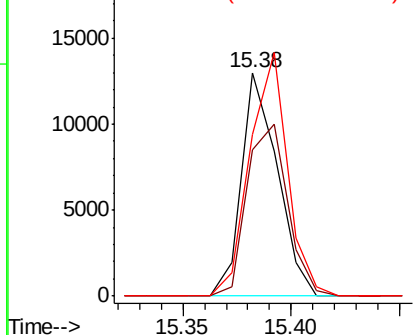


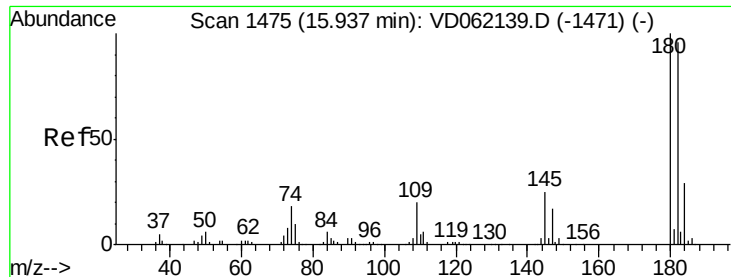
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.006 ug/l  
 RT: 15.38 min Scan# 1418  
 Delta R.T. 0.01 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

Tgt Ion: 75 Resp: 14957  
 Ion Ratio Lower Upper  
 75 100  
 155 65.8 55.3 165.8  
 157 72.7 67.8 203.2



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

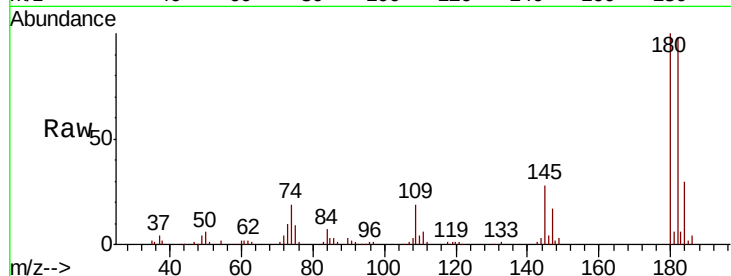




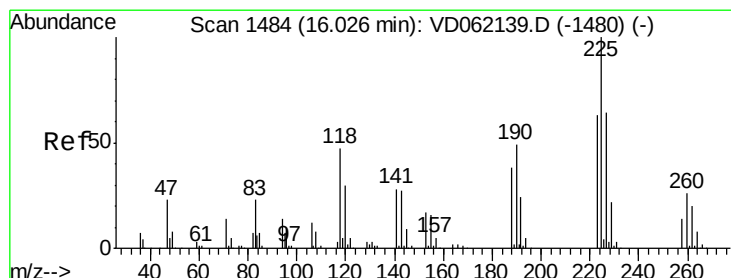
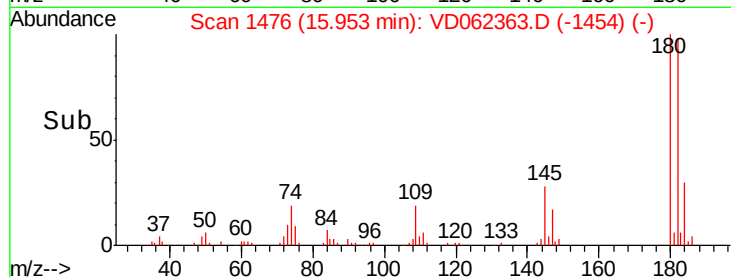
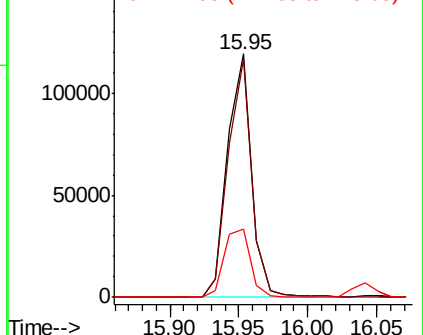
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.588 ug/l  
 RT: 15.95 min Scan# 1476  
 Delta R.T. 0.02 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0514SBS02

Tot Ion:180 Resp: 144459  
 Ion Ratio Lower Upper  
 180 100  
 182 97.7 49.3 147.8  
 145 27.9 16.2 48.6

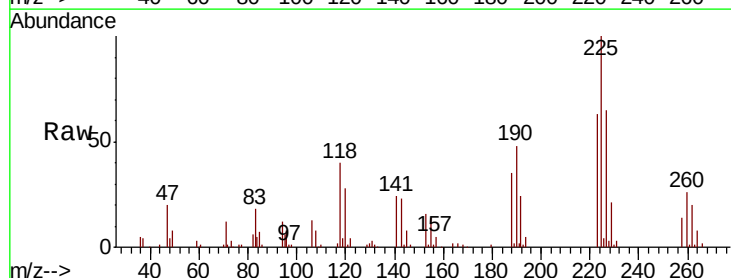


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

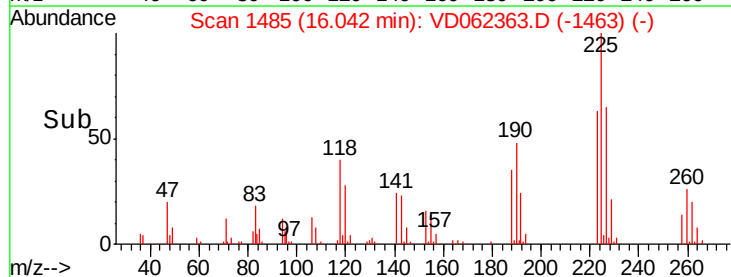
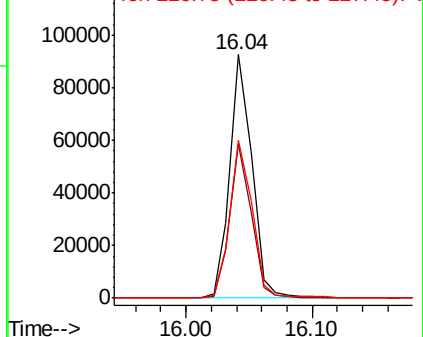


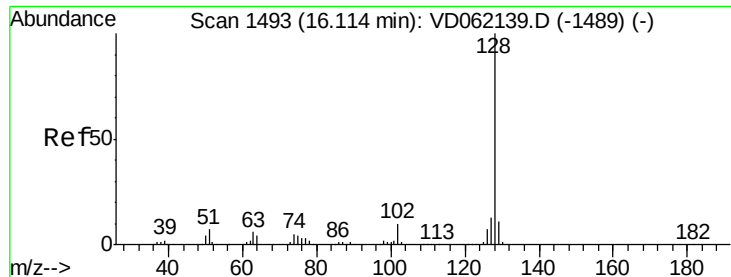
#94  
 Hexachlorobutadiene  
 Concen: 20.330 ug/l  
 RT: 16.04 min Scan# 1485  
 Delta R.T. 0.02 min  
 Lab File: VD062363.D  
 Acq: 15 May 2019 00:19

Tgt Ion:225 Resp: 111511  
 Ion Ratio Lower Upper  
 225 100  
 223 63.5 30.6 92.0  
 227 64.6 32.0 96.2



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

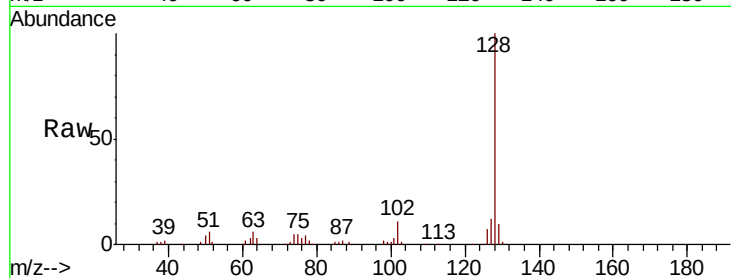




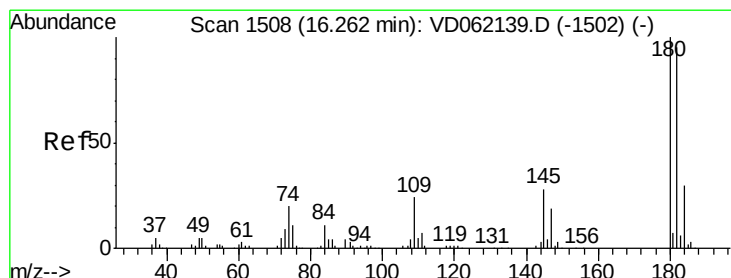
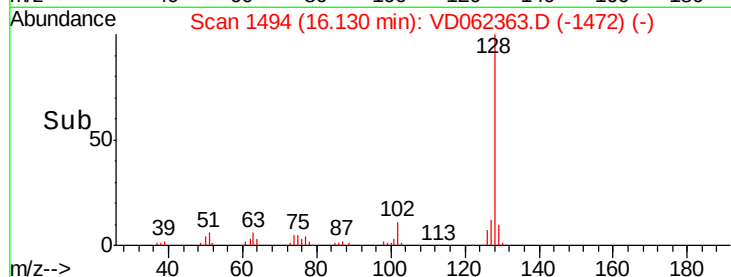
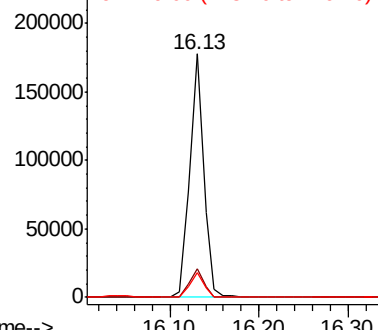
#95  
Naphthalene  
Concen: 19.111 ug/l  
RT: 16.13 min Scan# 1494  
Delta R.T. 0.02 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0514SBS02

Tot Ion:128 Resp: 196761  
Ion Ratio Lower Upper  
128 100  
127 12.0 9.8 14.8  
129 10.4 8.8 13.2

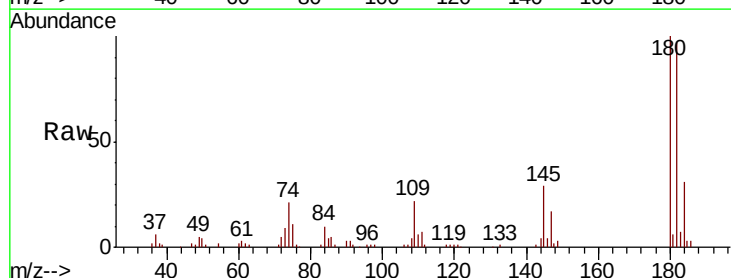


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 22.766 ug/l  
RT: 16.28 min Scan# 1509  
Delta R.T. 0.02 min  
Lab File: VD062363.D  
Acq: 15 May 2019 00:19

Tgt Ion:180 Resp: 105559  
Ion Ratio Lower Upper  
180 100  
182 97.0 47.0 141.0  
145 29.0 17.0 51.0



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

