

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\  
 Data File : VD066600.D  
 Acq On : 10 Sep 2020 00:48  
 Operator : VA/SY  
 Sample : L3931-01  
 Misc : 4.80G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SP-1-1

Quant Time: Sep 10 05:39:12 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D090320S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 04 01:57:04 2020  
 Response via : Initial Calibration

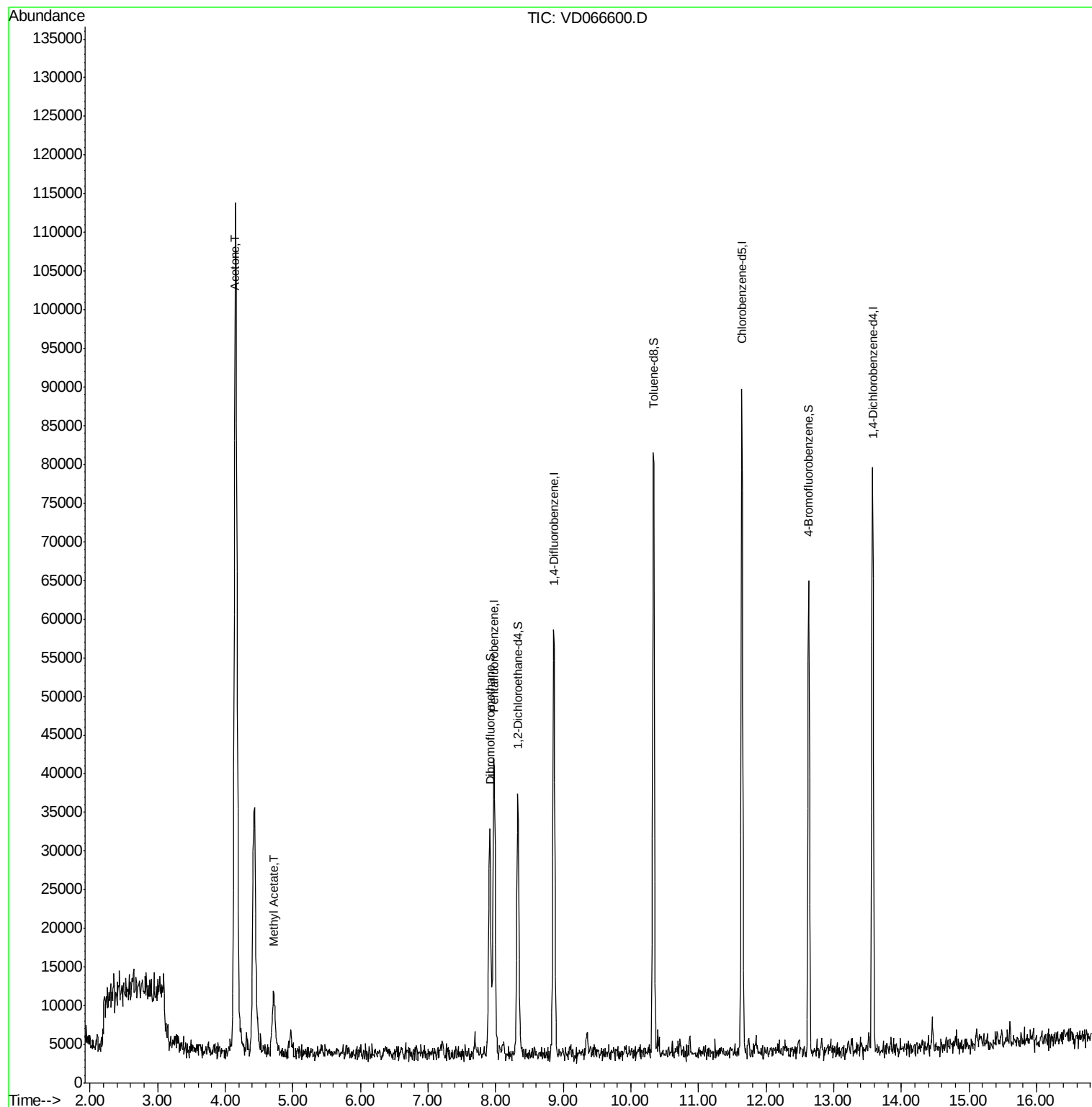
| Internal Standards          | R.T.  | QIon | Response | Conc     | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|----------|---------|----------|
| 1) Pentafluorobenzene       | 7.97  | 168  | 24143    | 50.00    | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.86  | 114  | 42534    | 50.00    | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.64 | 117  | 43962    | 50.00    | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.58 | 152  | 18670    | 50.00    | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |          |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.33  | 65   | 25383    | 86.90    | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =        | 173.80% |          |
| 35) Dibromofluoromethane    | 7.92  | 113  | 19631    | 68.42    | ug/l    | 0.01     |
| Spiked Amount 50.000        |       |      | Recovery | =        | 136.84% |          |
| 50) Toluene-d8              | 10.34 | 98   | 53327    | 52.00    | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =        | 104.00% |          |
| 62) 4-Bromofluorobenzene    | 12.63 | 95   | 18249    | 53.66    | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =        | 107.32% |          |
| Target Compounds            |       |      |          |          |         |          |
| 16) Acetone                 | 4.16  | 43   | 201477   | 3748.626 | ug/l    | 98       |
| 18) Methyl Acetate          | 4.72  | 43   | 14526    | 113.376  | ug/l    | 98       |

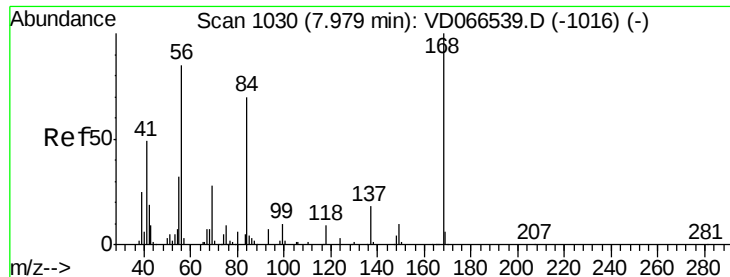
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Sep 04 01:57:04 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA\_D

ClientSampleId :

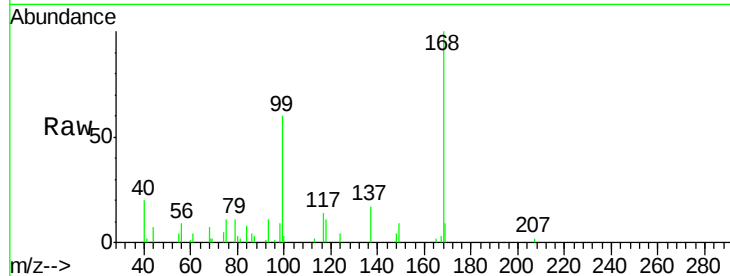
SP-1-1

Tot Ion:168 Resp: 24143

Ion Ratio Lower Upper

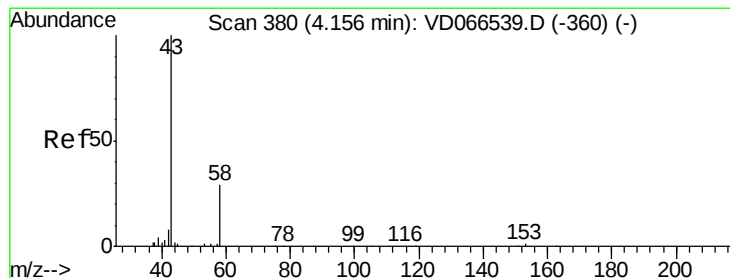
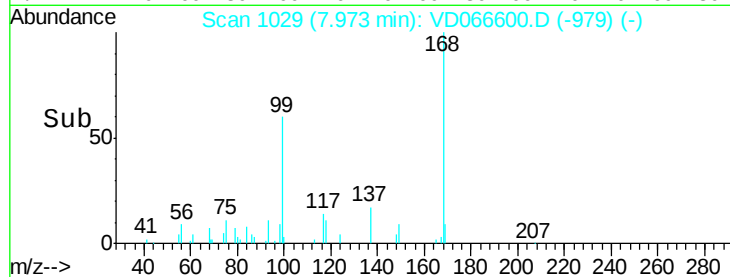
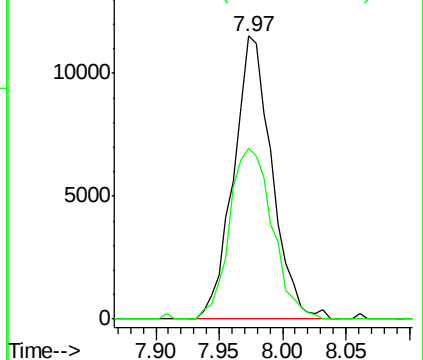
168 100

99 60.4 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 3748.626 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066600.D

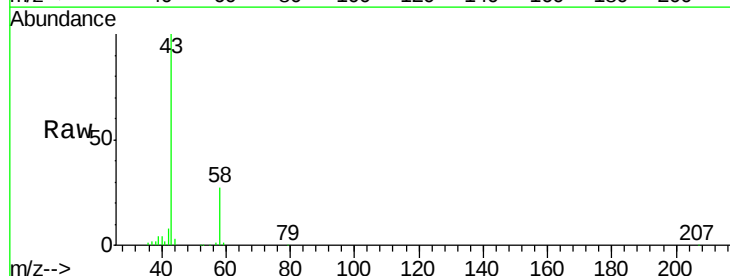
Acq: 10 Sep 2020 00:48

Tgt Ion: 43 Resp: 201477

Ion Ratio Lower Upper

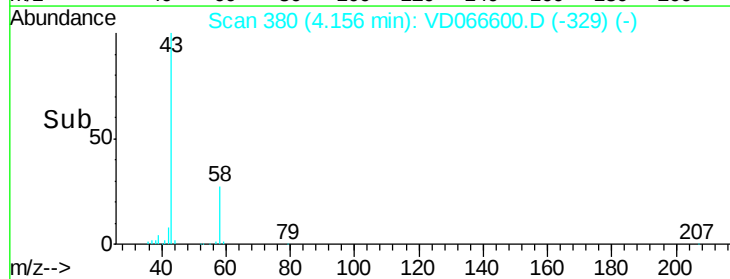
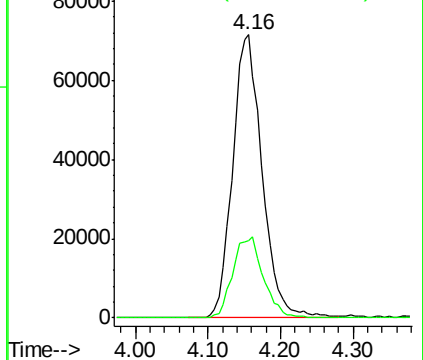
43 100

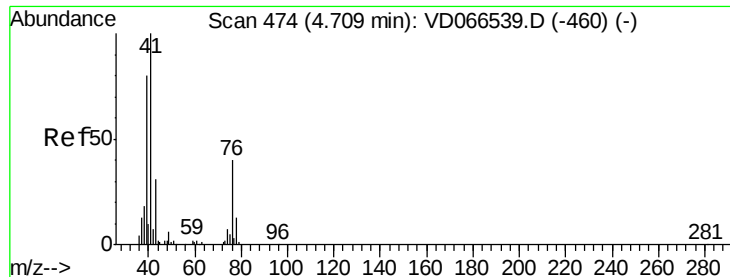
58 27.5 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

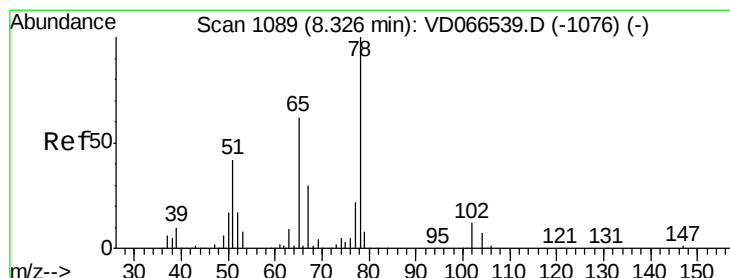
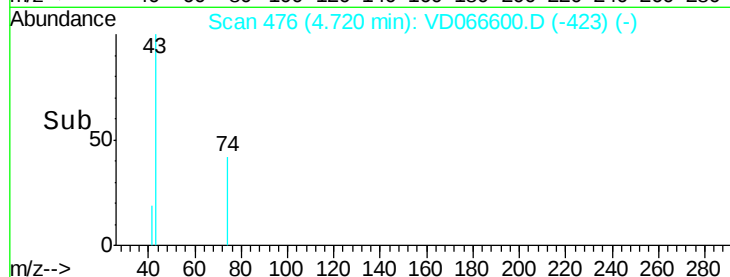
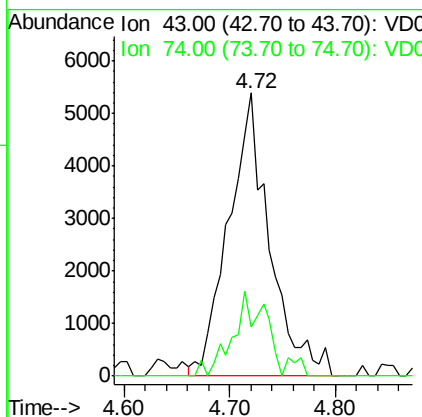
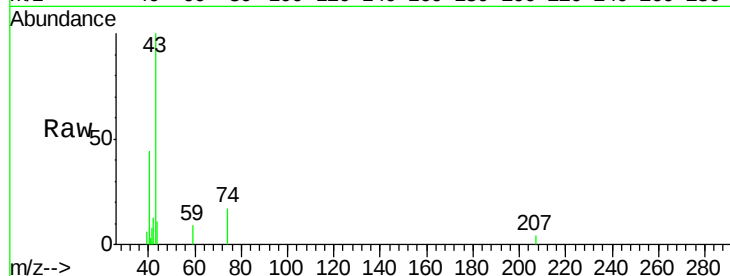




#18  
Methyl Acetate  
Concen: 113.376 ug/l  
RT: 4.72 min Scan# 476  
Delta R.T. 0.01 min  
Lab File: VD066600.D  
Acq: 10 Sep 2020 00:48

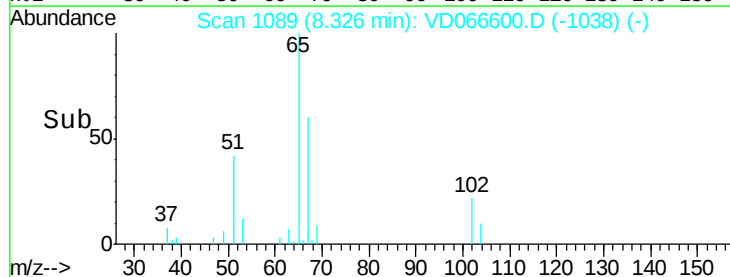
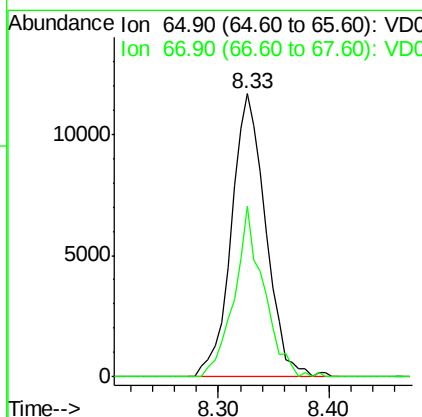
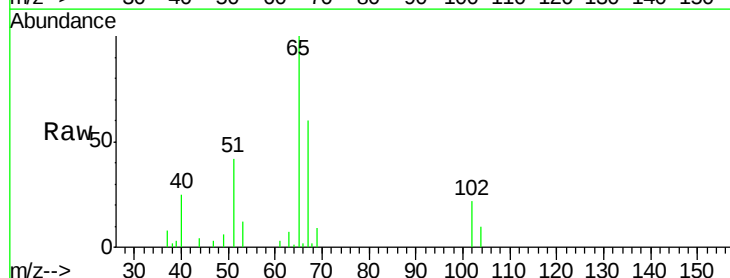
Instrument :  
MSVOA\_D  
ClientSampled :  
SP-1-1

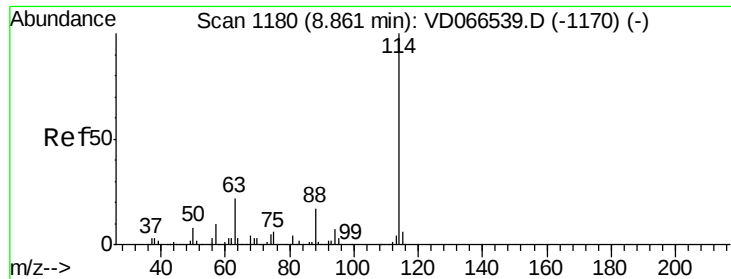
Tot Ion: 43 Resp: 14526  
Ion Ratio Lower Upper  
43 100  
74 23.7 18.0 27.0



#33  
1,2-Dichloroethane-d4  
Concen: 86.896 ug/l  
RT: 8.33 min Scan# 1089  
Delta R.T. -0.00 min  
Lab File: VD066600.D  
Acq: 10 Sep 2020 00:48

Tgt Ion: 65 Resp: 25383  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 102.8

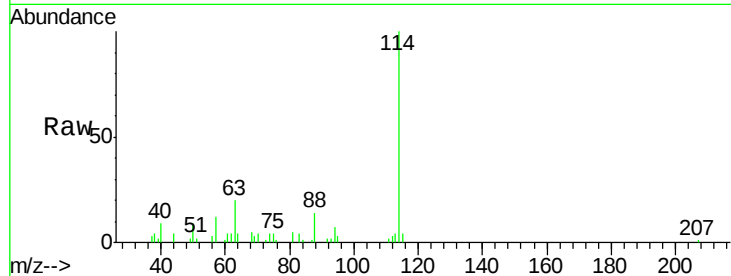




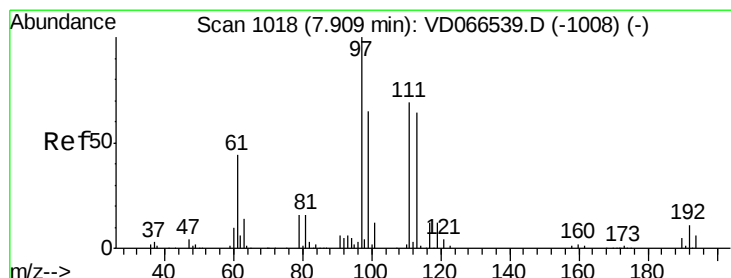
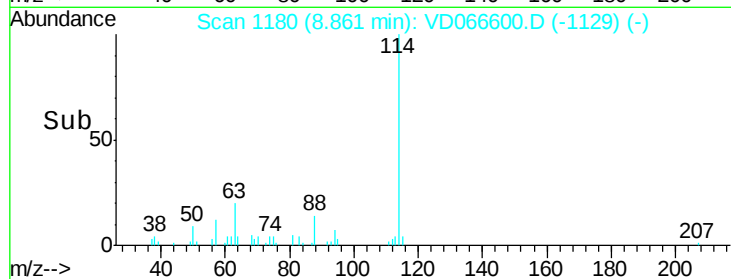
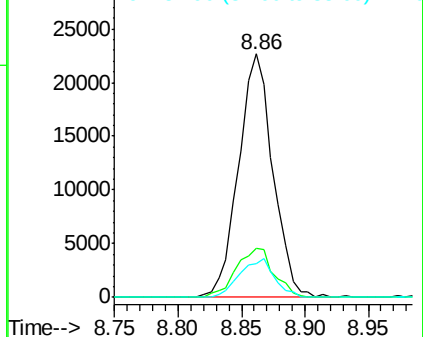
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.86 min Scan# 1180  
 Delta R.T. -0.00 min  
 Lab File: VD066600.D  
 Acq: 10 Sep 2020 00:48

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SP-1-1

Tot Ion:114 Resp: 42534  
 Ion Ratio Lower Upper  
 114 100  
 63 20.0 0.0 43.2  
 88 14.0 0.0 33.2

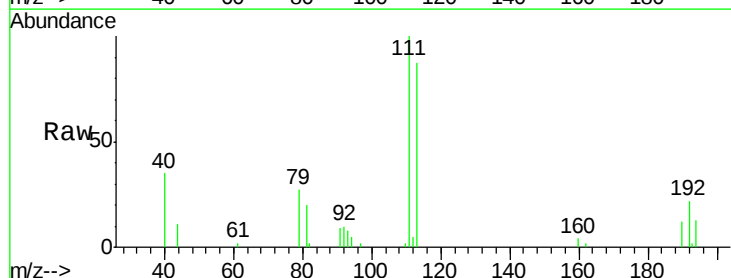


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): V  
 Ion 87.90 (87.60 to 88.60): V

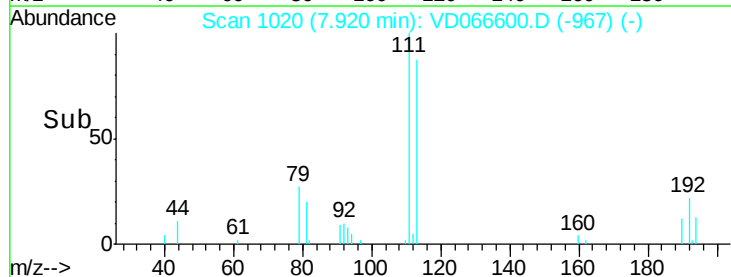
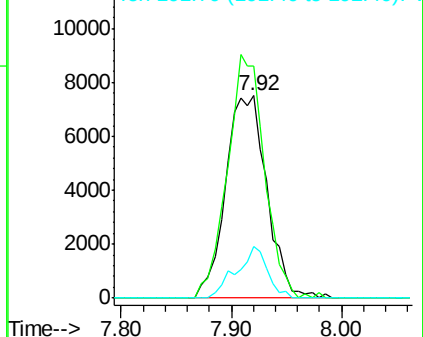


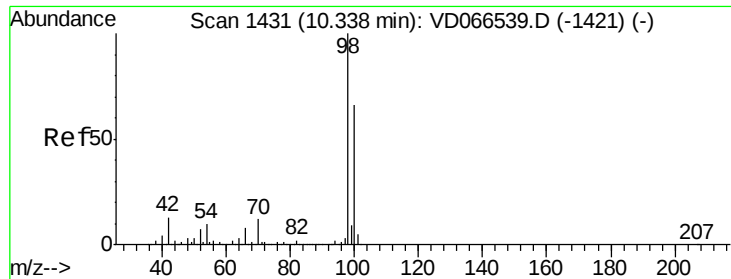
#35  
 Dibromofluoromethane  
 Concen: 68.415 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.01 min  
 Lab File: VD066600.D  
 Acq: 10 Sep 2020 00:48

Tgt Ion:113 Resp: 19631  
 Ion Ratio Lower Upper  
 113 100  
 111 107.9 83.2 124.8  
 192 19.2 13.7 20.5



Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

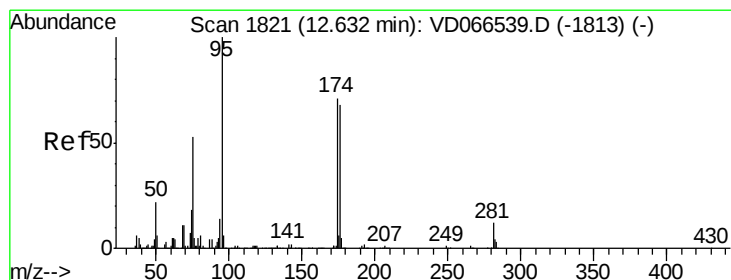
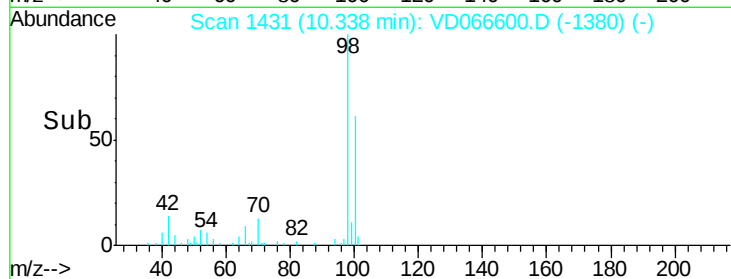
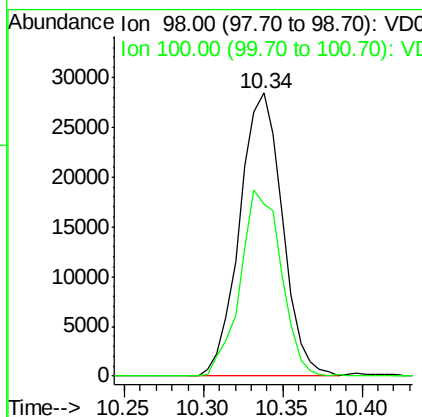
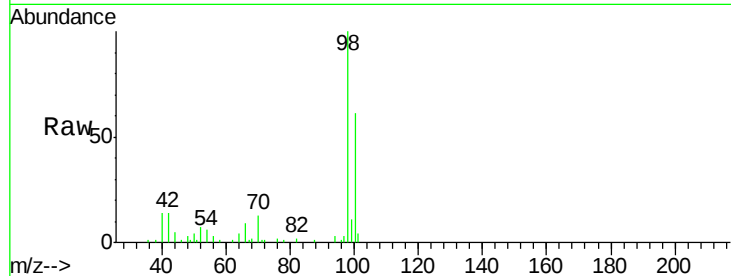




#50  
Toluene-d8  
Concen: 51.998 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. -0.00 min  
Lab File: VD066600.D  
Acq: 10 Sep 2020 00:48

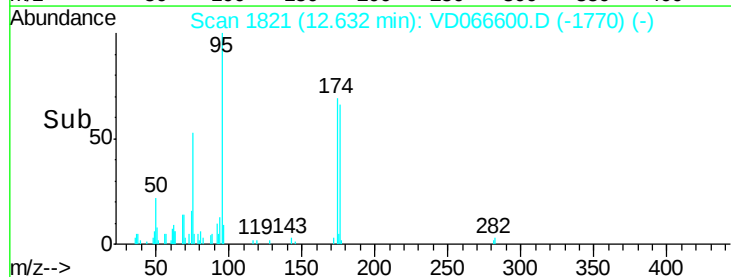
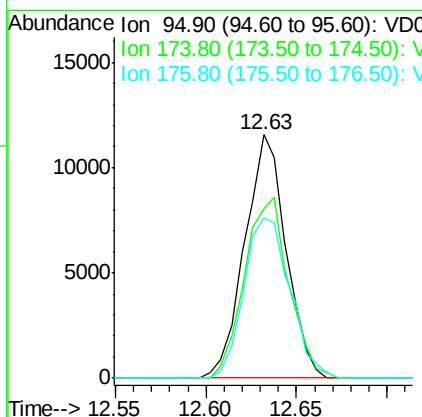
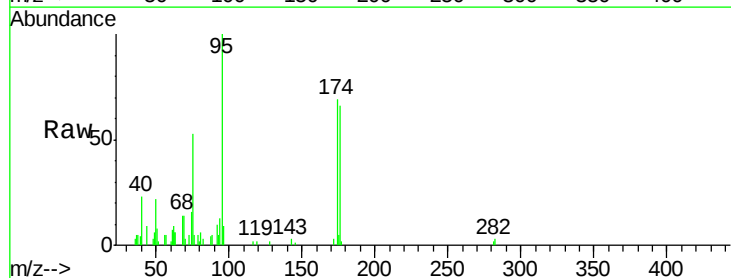
Instrument :  
MSVOA\_D  
ClientSampled :  
SP-1-1

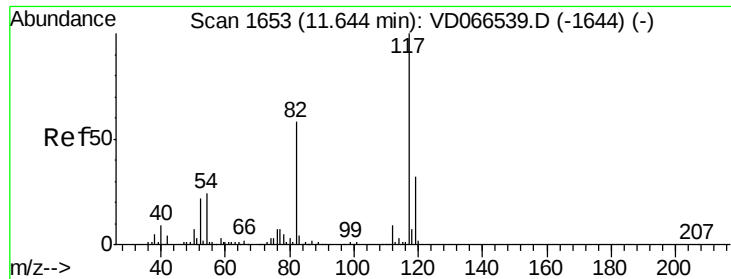
Tot Ion: 98 Resp: 53327  
Ion Ratio Lower Upper  
98 100  
100 63.0 52.9 79.3



#62  
4-Bromofluorobenzene  
Concen: 53.663 ug/l  
RT: 12.63 min Scan# 1821  
Delta R.T. -0.00 min  
Lab File: VD066600.D  
Acq: 10 Sep 2020 00:48

Tgt Ion: 95 Resp: 18249  
Ion Ratio Lower Upper  
95 100  
174 79.7 0.0 155.8  
176 73.5 0.0 148.6

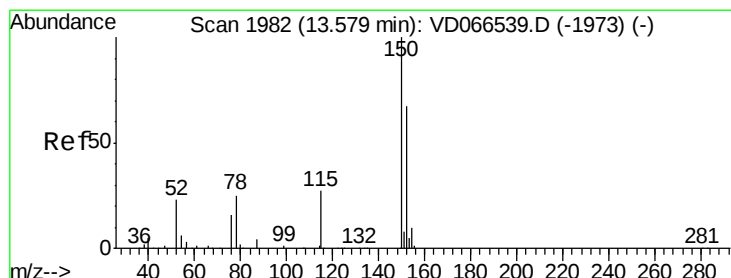
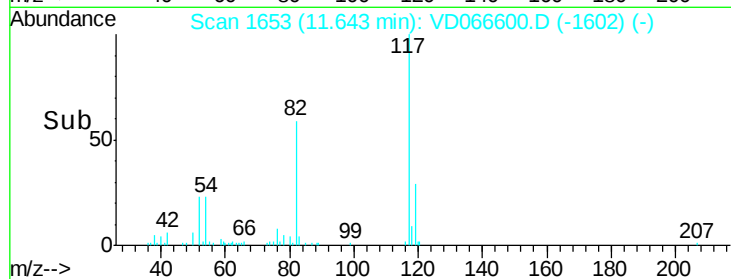
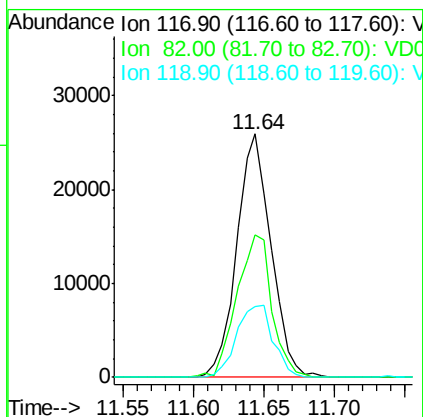
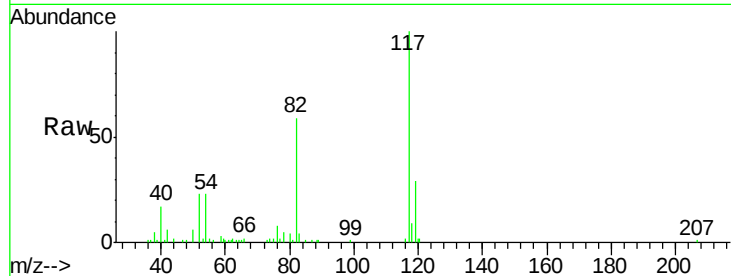




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. -0.00 min  
Lab File: VD066600.D  
Acq: 10 Sep 2020 00:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
SP-1-1

Tot Ion:117 Resp: 43962  
Ion Ratio Lower Upper  
117 100  
82 58.6 46.2 69.2  
119 28.8 25.8 38.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1983  
Delta R.T. 0.01 min  
Lab File: VD066600.D  
Acq: 10 Sep 2020 00:48

Tgt Ion:152 Resp: 18670  
Ion Ratio Lower Upper  
152 100  
115 65.3 30.4 91.2  
150 162.3 0.0 345.8

