

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\  
 Data File : VD066752.D  
 Acq On : 17 Sep 2020 18:46  
 Operator : VA/SY  
 Sample : L4051-03  
 Misc : 8.49G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 KTS-IB-01-1-2

Quant Time: Sep 18 02:16:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D091520S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 15 16:35:37 2020  
 Response via : Initial Calibration

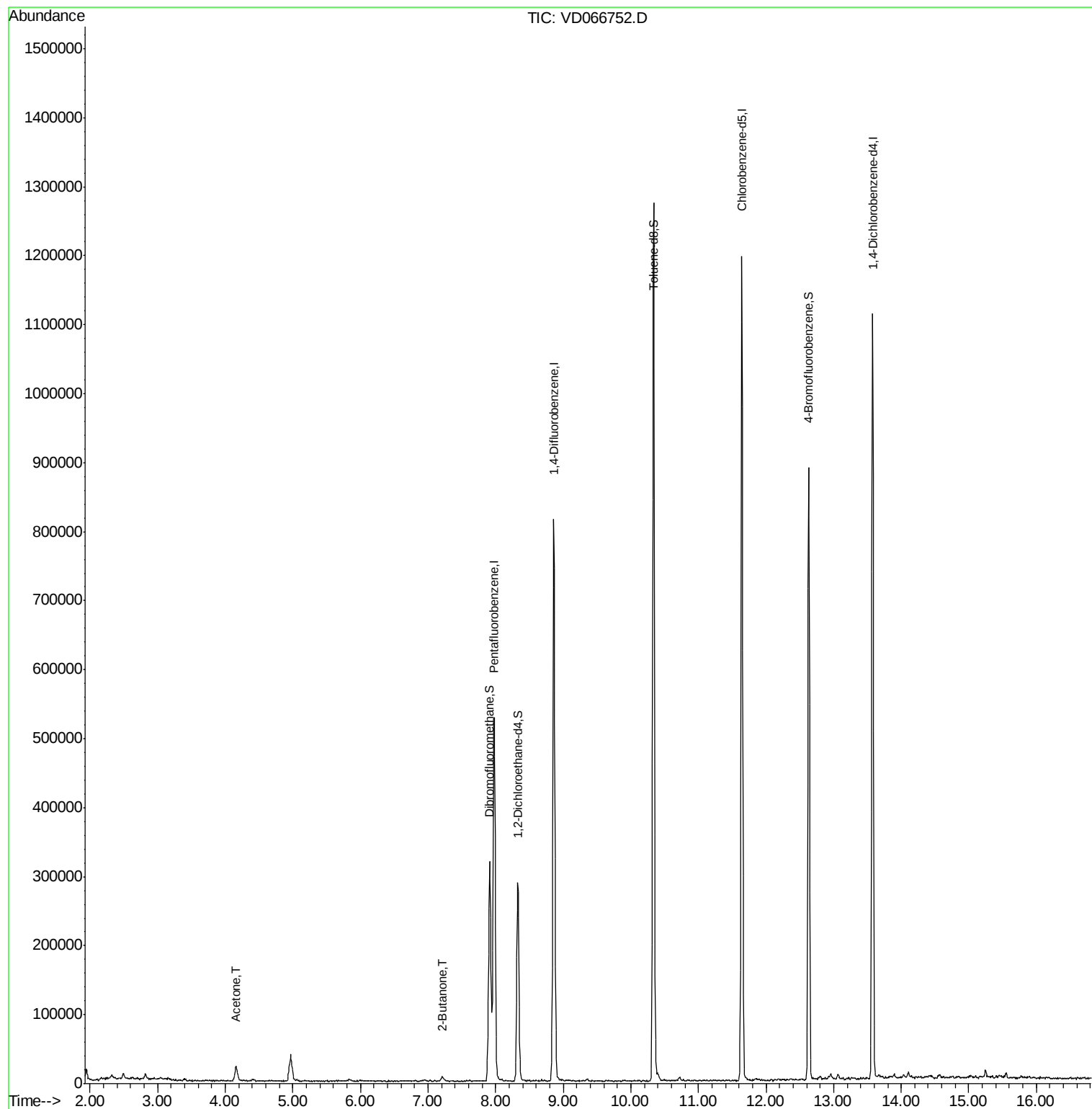
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.98  | 168  | 368337   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.86  | 114  | 666580   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.64 | 117  | 648854   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.58 | 152  | 284100   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.33  | 65   | 233950   | 59.53  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 119.06% |          |
| 35) Dibromofluoromethane    | 7.91  | 113  | 224710   | 54.98  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 109.96% |          |
| 50) Toluene-d8              | 10.34 | 98   | 834354   | 57.30  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 114.60% |          |
| 62) 4-Bromofluorobenzene    | 12.63 | 95   | 278098   | 55.33  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 110.66% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 4.16  | 43   | 36023    | 45.013 | ug/l    | 99       |
| 25) 2-Butanone              | 7.21  | 43   | 9854     | 9.456  | ug/l    | 98       |

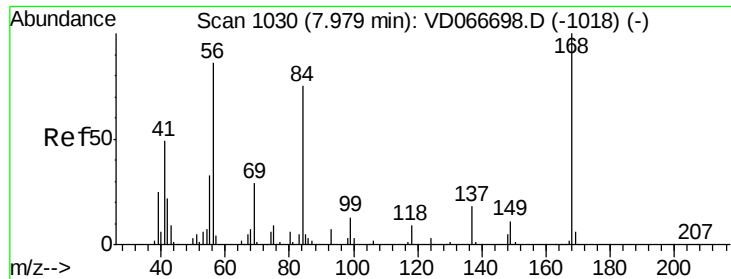
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Sep 15 16:35:37 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066752.D

Acq: 17 Sep 2020 18:46

Instrument :

MSVOA\_D

ClientSampleId :

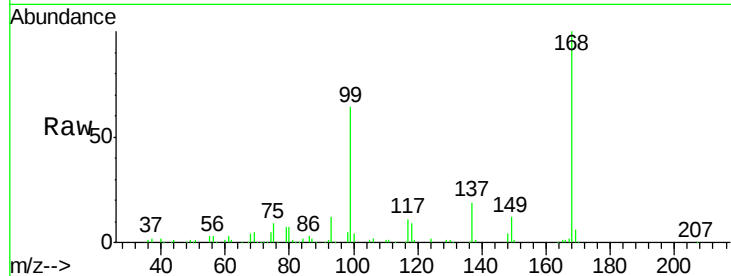
KTS-IB-01-1-2

Tot Ion:168 Resp: 368337

Ion Ratio Lower Upper

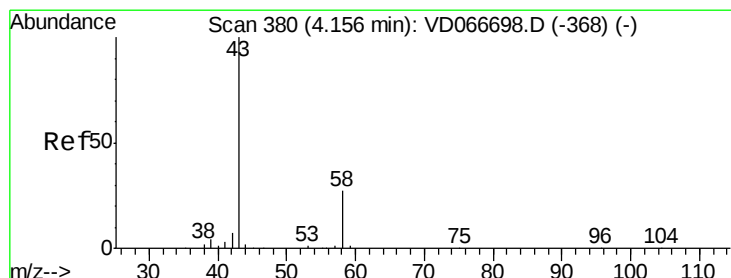
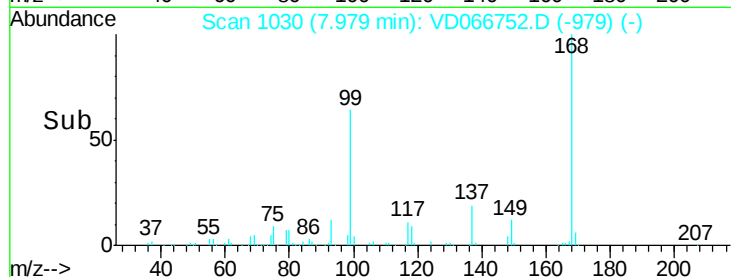
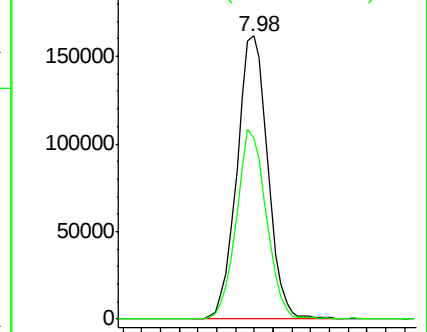
168 100

99 63.8 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 45.013 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066752.D

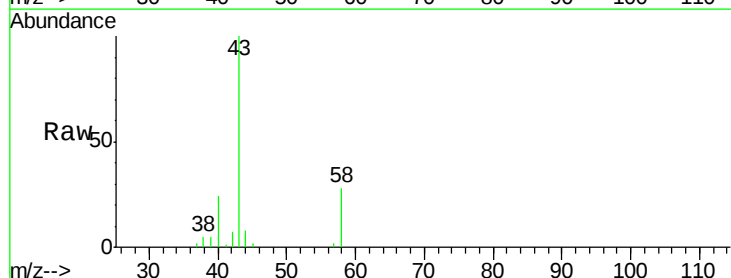
Acq: 17 Sep 2020 18:46

Tgt Ion: 43 Resp: 36023

Ion Ratio Lower Upper

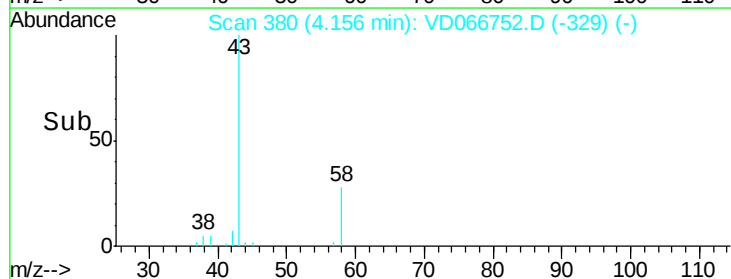
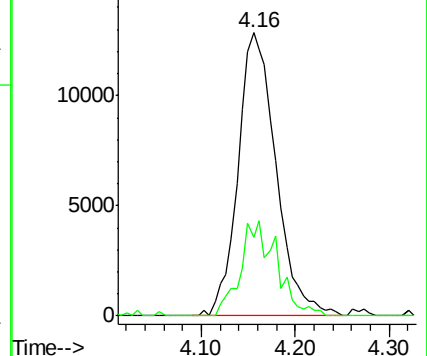
43 100

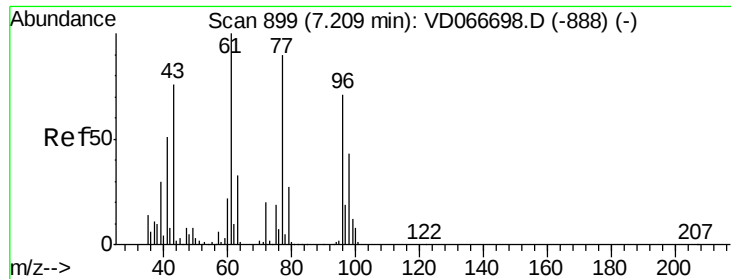
58 27.7 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

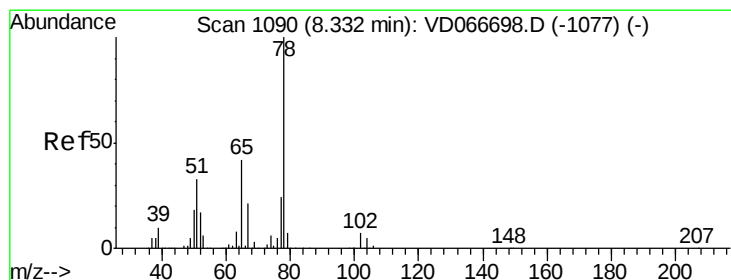
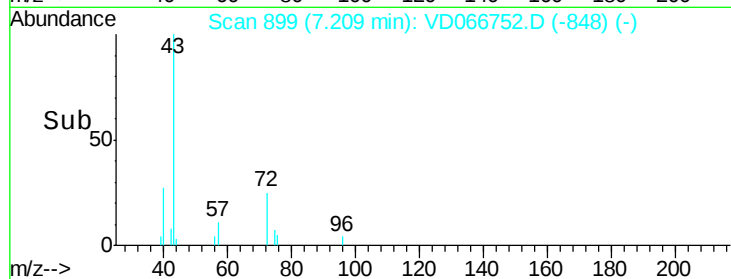
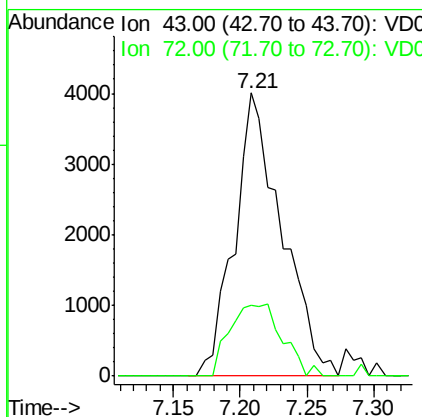
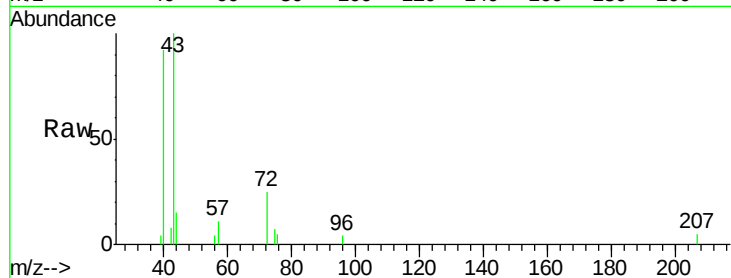




#25  
2-Butanone  
Concen: 9.456 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: VD066752.D  
Acq: 17 Sep 2020 18:46

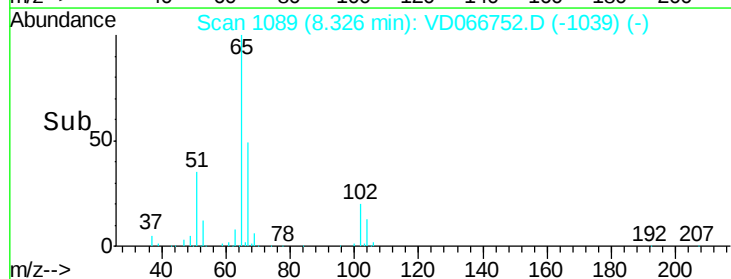
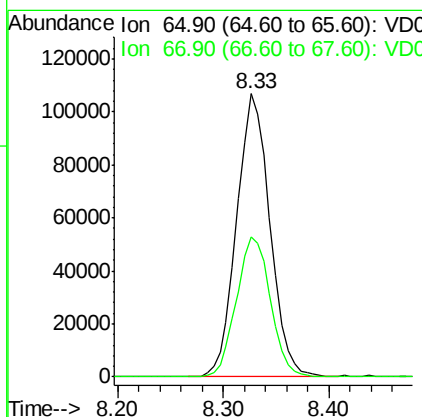
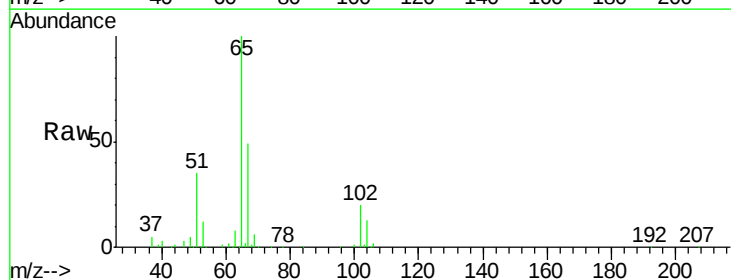
Instrument :  
MSVOA\_D  
ClientSampleId :  
KTS-IB-01-1-2

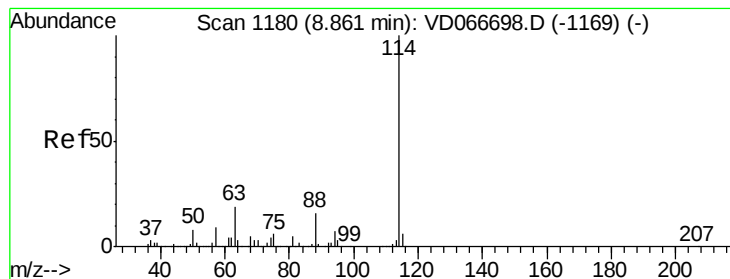
Tot Ion: 43 Resp: 9854  
Ion Ratio Lower Upper  
43 100  
72 25.0 21.0 31.4



#33  
1,2-Dichloroethane-d4  
Concen: 59.530 ug/l  
RT: 8.33 min Scan# 1089  
Delta R.T. -0.01 min  
Lab File: VD066752.D  
Acq: 17 Sep 2020 18:46

Tgt Ion: 65 Resp: 233950  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066752.D

Acq: 17 Sep 2020 18:46

Instrument :

MSVOA\_D

ClientSampleId :

KTS-IB-01-1-2

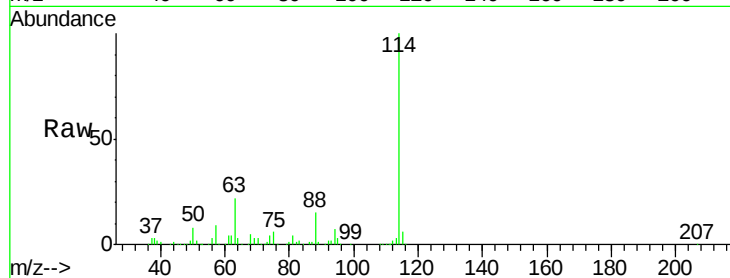
Tot Ion:114 Resp: 666580

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.6

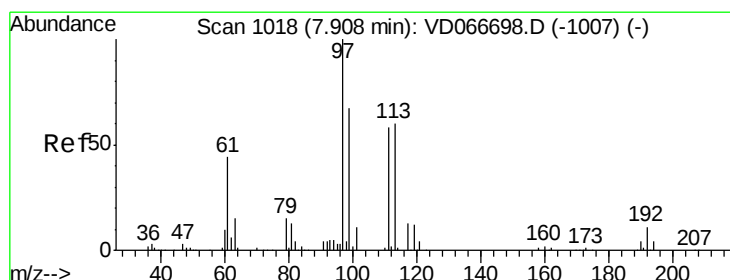
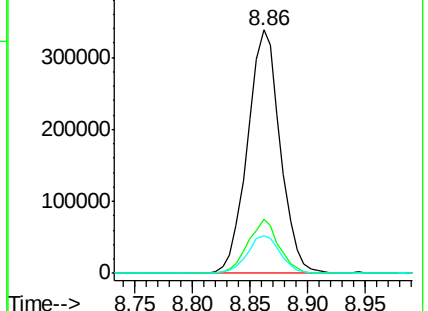
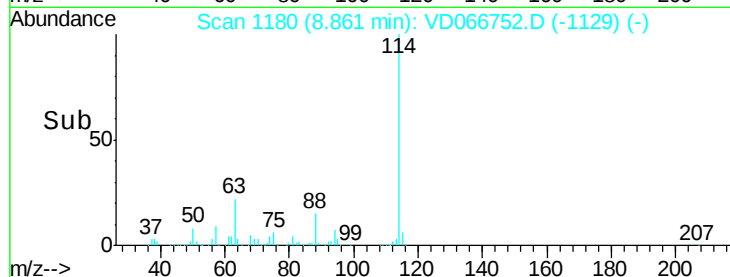
88 15.4 0.0 32.2



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: 54.985 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066752.D

Acq: 17 Sep 2020 18:46

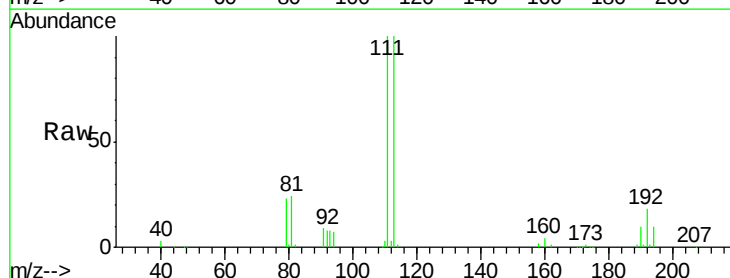
Tgt Ion:113 Resp: 224710

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

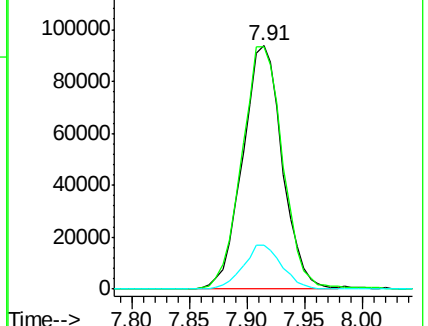
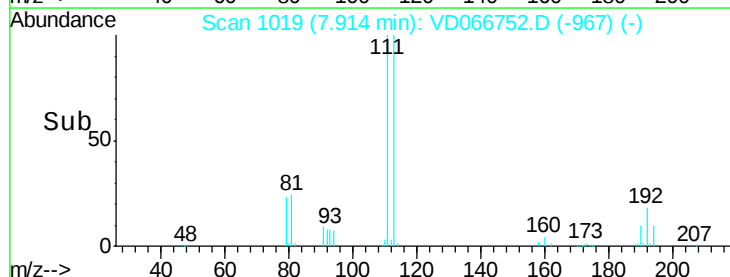
192 17.6 14.8 22.2

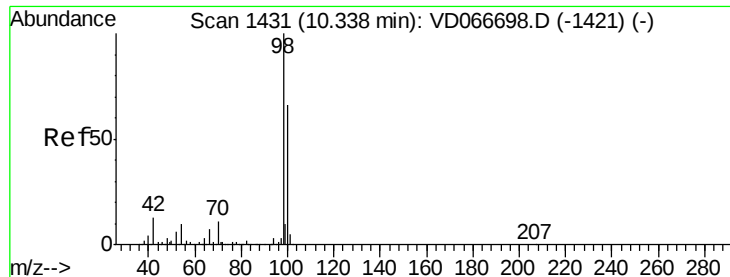


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

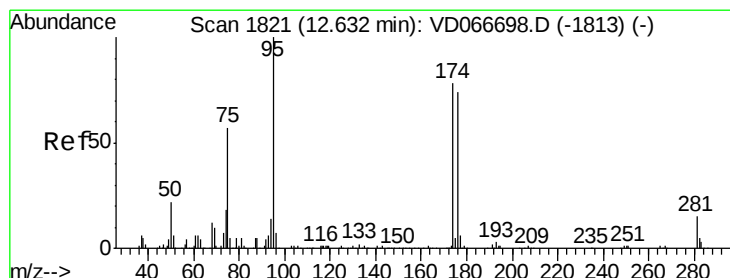
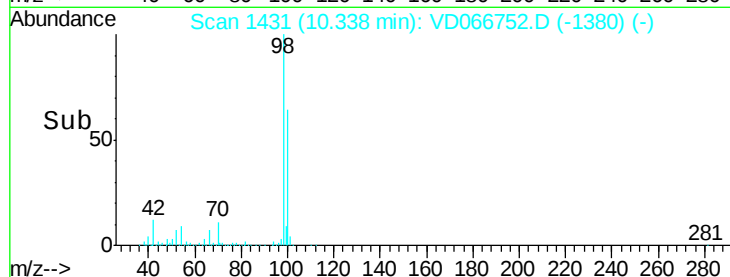
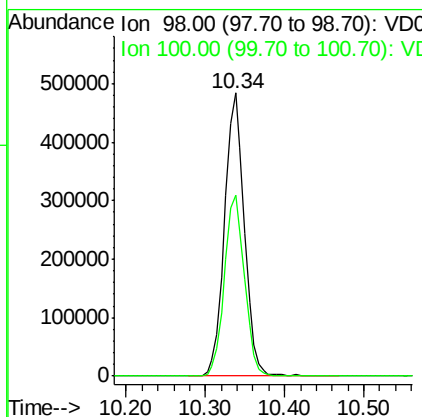
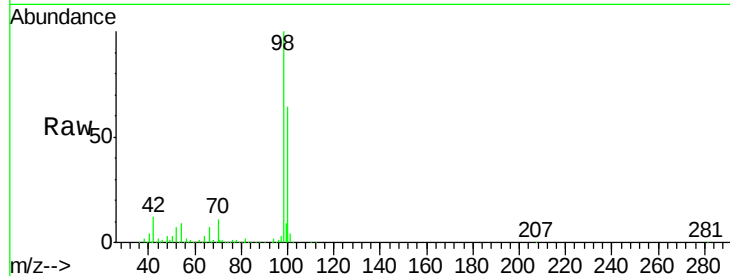




#50  
Toluene-d8  
Concen: 57.304 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: VD066752.D  
Acq: 17 Sep 2020 18:46

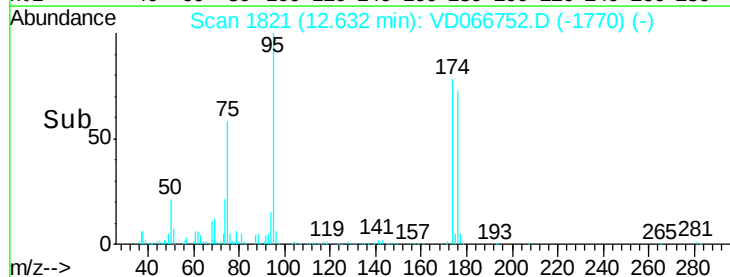
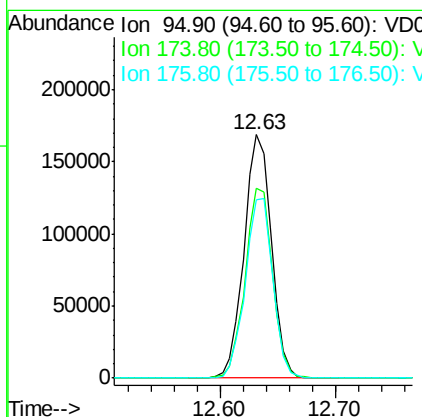
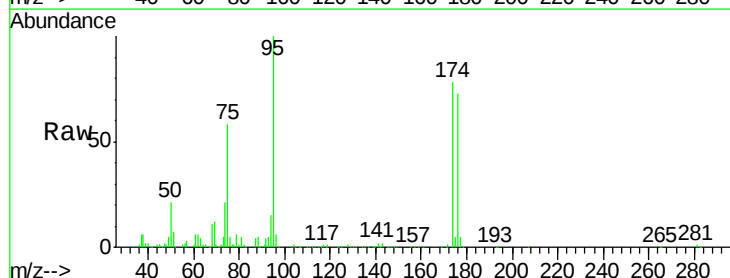
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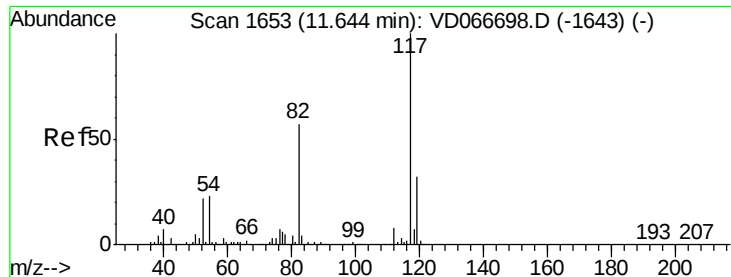
Tot Ion: 98 Resp: 834354  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.7 79.1



#62  
4-Bromofluorobenzene  
Concen: 55.332 ug/l  
RT: 12.63 min Scan# 1821  
Delta R.T. 0.00 min  
Lab File: VD066752.D  
Acq: 17 Sep 2020 18:46

Tgt Ion: 95 Resp: 278098  
Ion Ratio Lower Upper  
95 100  
174 78.2 0.0 156.6  
176 74.3 0.0 150.2

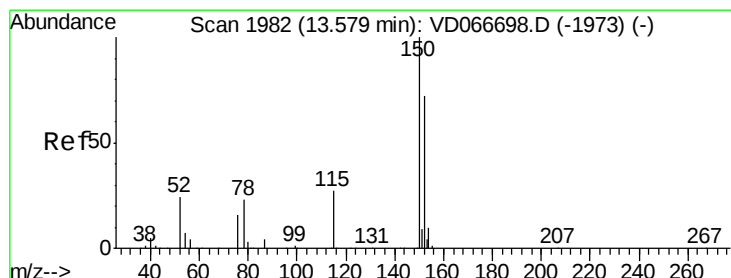
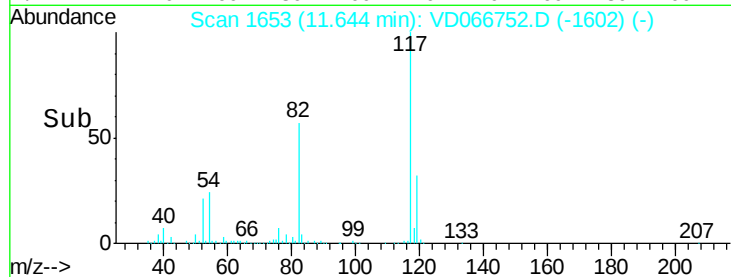
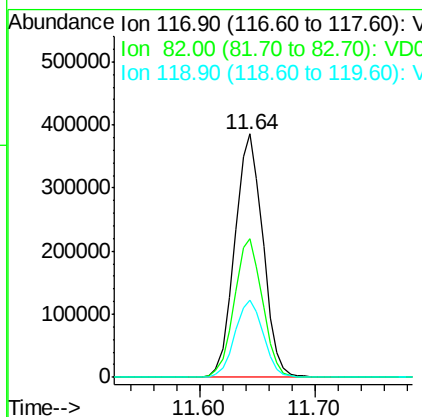
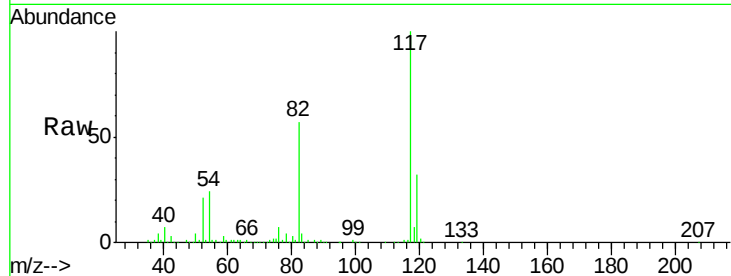




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. 0.00 min  
Lab File: VD066752.D  
Acq: 17 Sep 2020 18:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
KTS-IB-01-1-2

Tot Ion:117 Resp: 648854  
Ion Ratio Lower Upper  
117 100  
82 57.0 45.4 68.0  
119 31.7 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. 0.00 min  
Lab File: VD066752.D  
Acq: 17 Sep 2020 18:46

Tgt Ion:152 Resp: 284100  
Ion Ratio Lower Upper  
152 100  
115 60.9 30.5 91.5  
150 158.1 0.0 344.6

