

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\  
 Data File : VW013678.D  
 Acq On : 23 Oct 2019 20:08  
 Operator : SY/VA  
 Sample : K5512-01  
 Misc : 5.92G/5ML/MSVOA W/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CHRT-26706

Quant Time: Oct 24 08:16:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W102319S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 23 14:11:46 2019  
 Response via : Initial Calibration

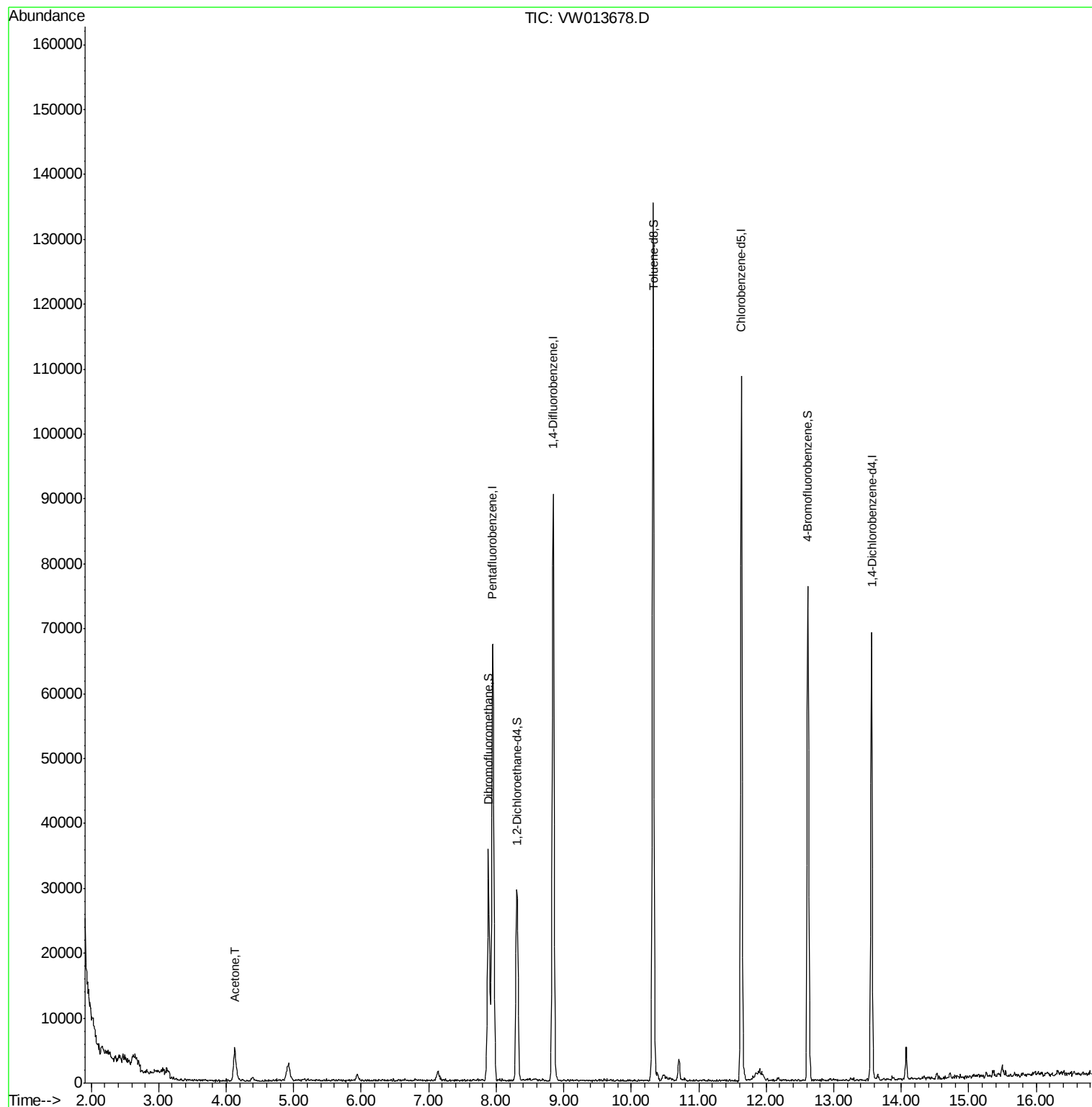
| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|---------|---------|-----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 57409    | 50.00   | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 81628    | 50.00   | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 67579    | 50.00   | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 20757    | 50.00   | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |         |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 23562    | 54.71   | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =       | 109.42% |           |
| 35) Dibromofluoromethane    | 7.88  | 113  | 24676    | 54.40   | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =       | 108.80% |           |
| 50) Toluene-d8              | 10.32 | 98   | 91273    | 49.39   | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =       | 98.78%  |           |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 24597    | 39.30   | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =       | 78.60%  |           |
| Target Compounds            |       |      |          |         |         |           |
| 16) Acetone                 | 4.13  | 43   | 9784     | 107.147 | ug/l    | Qvalue 99 |

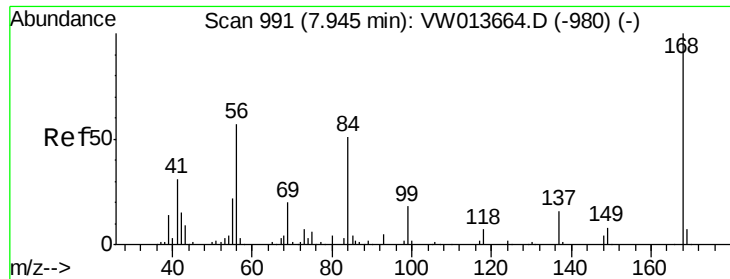
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Oct 23 14:11:46 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013678.D

Acq: 23 Oct 2019 20:08

Instrument :

MSVOA\_W

ClientSampleId :

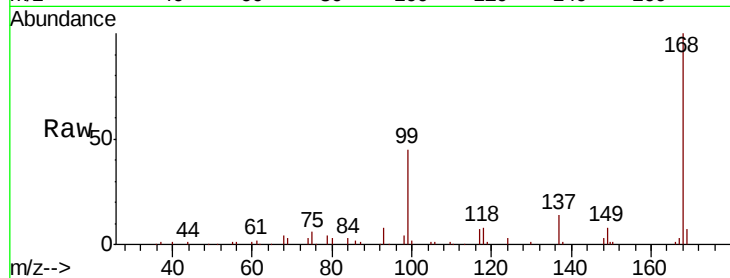
CHRT-26706

Tot Ion:168 Resp: 57409

Ion Ratio Lower Upper

168 100

99 44.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

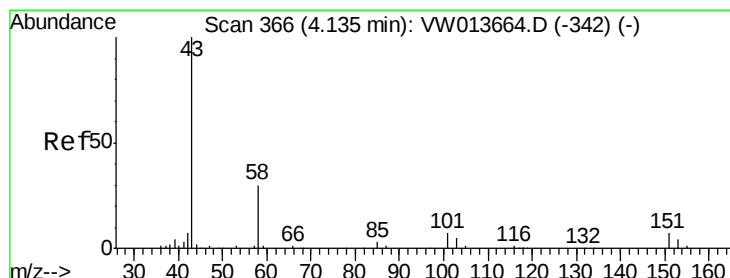
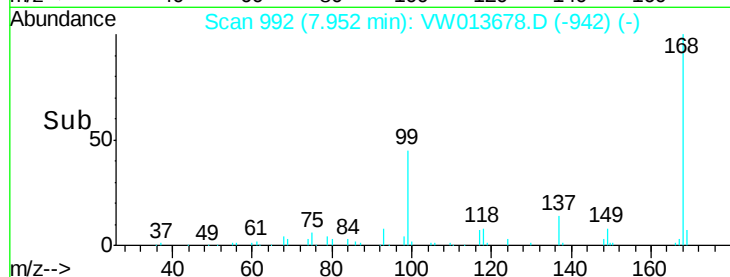
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 107.147 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013678.D

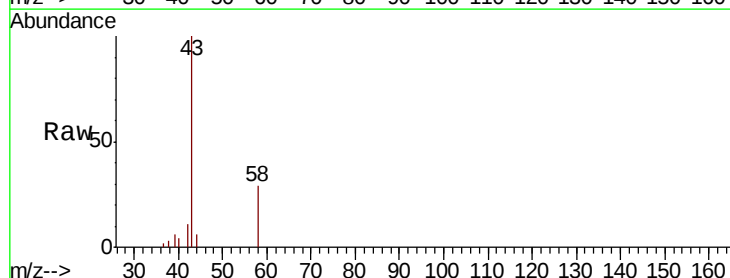
Acq: 23 Oct 2019 20:08

Tgt Ion: 43 Resp: 9784

Ion Ratio Lower Upper

43 100

58 29.3 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

4000

3000

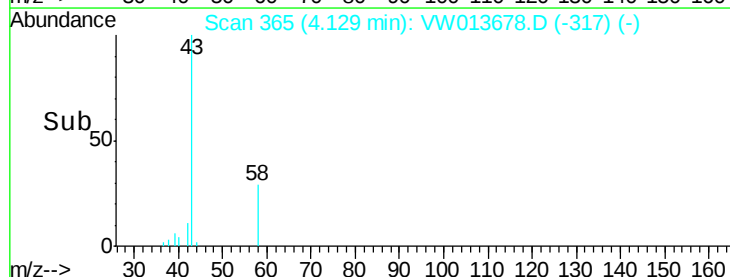
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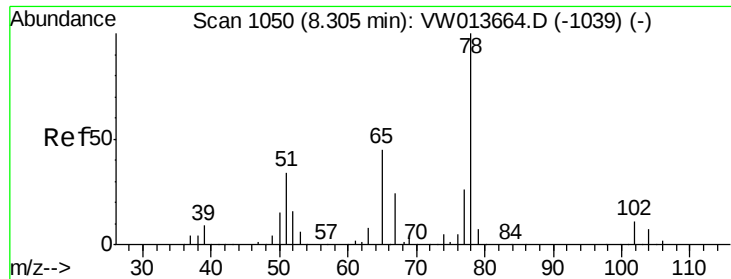
1000

0

Time-->

4.00 4.10 4.20 4.30

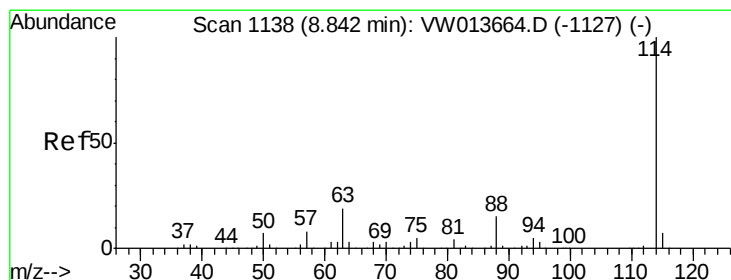
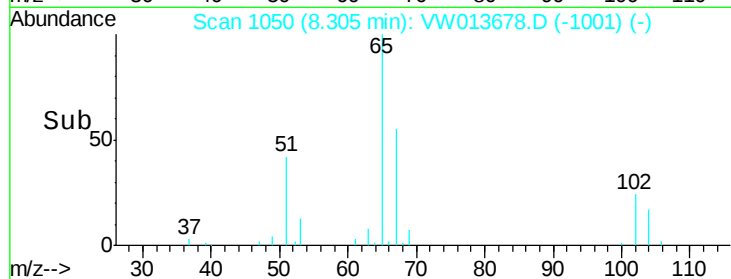
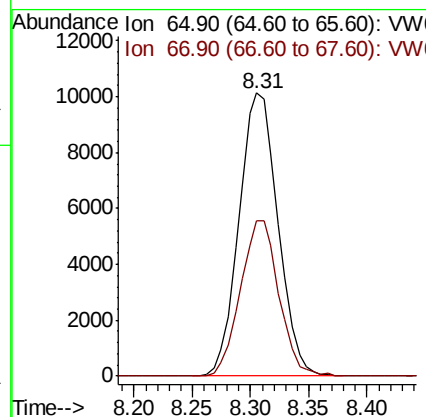
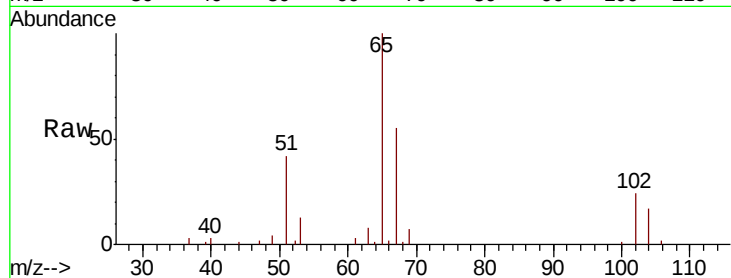




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.711 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VW013678.D  
 Acq: 23 Oct 2019 20:08

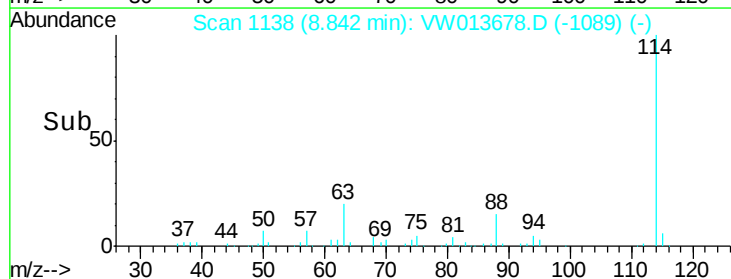
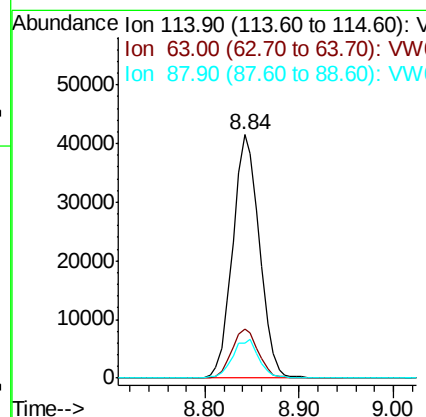
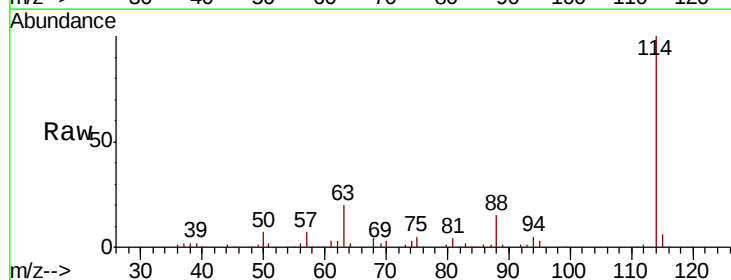
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CHRT-26706

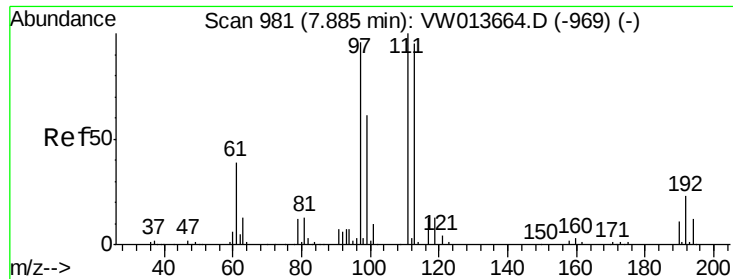
Tot Ion: 65 Resp: 23562  
 Ion Ratio Lower Upper  
 65 100  
 67 54.2 0.0 109.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW013678.D  
 Acq: 23 Oct 2019 20:08

Tgt Ion: 114 Resp: 81628  
 Ion Ratio Lower Upper  
 114 100  
 63 20.1 0.0 37.6  
 88 14.5 0.0 30.2

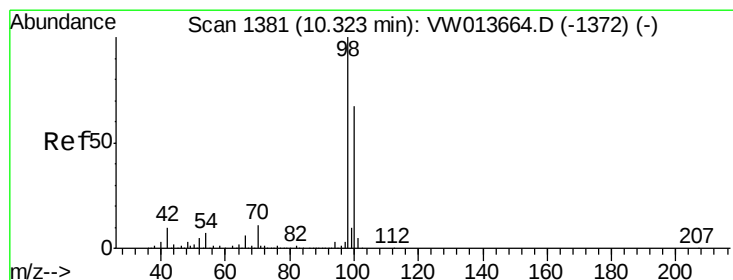
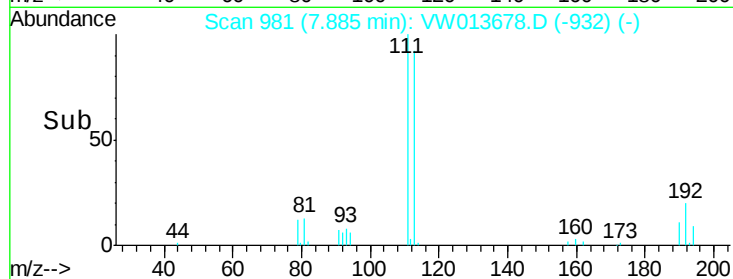
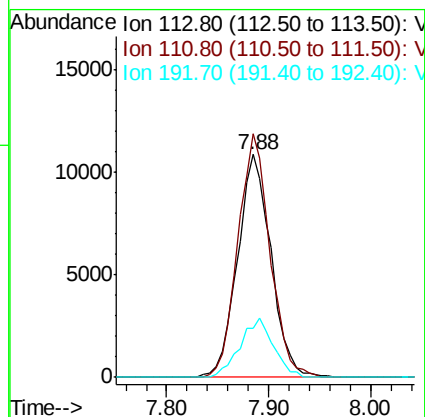
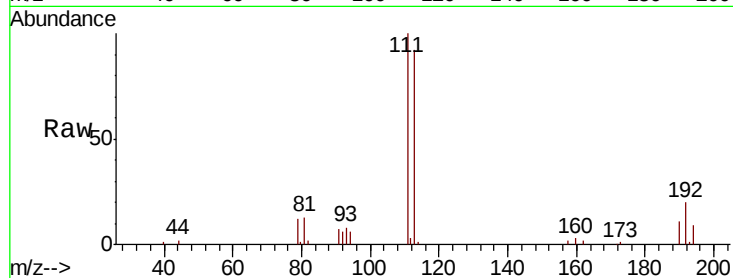




#35  
 Dibromofluoromethane  
 Concen: 54.404 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: VW013678.D  
 Acq: 23 Oct 2019 20:08

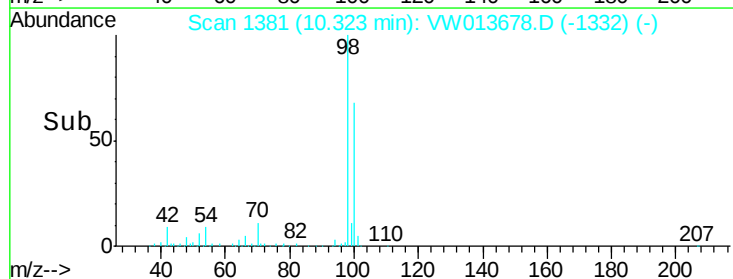
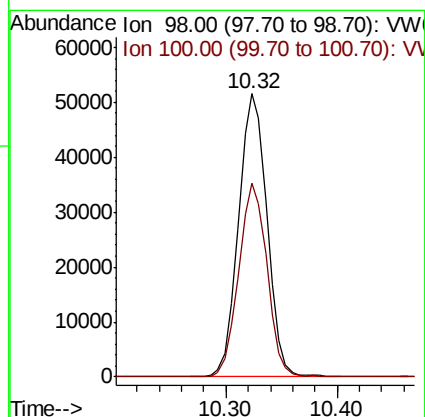
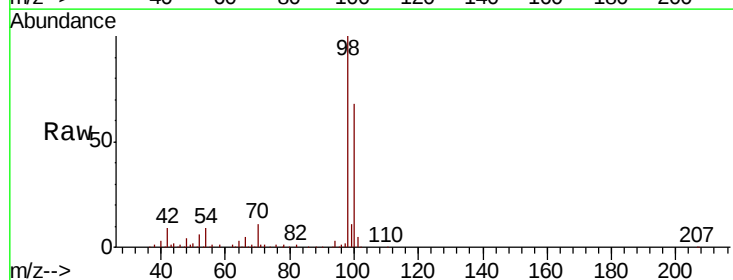
Instrument :  
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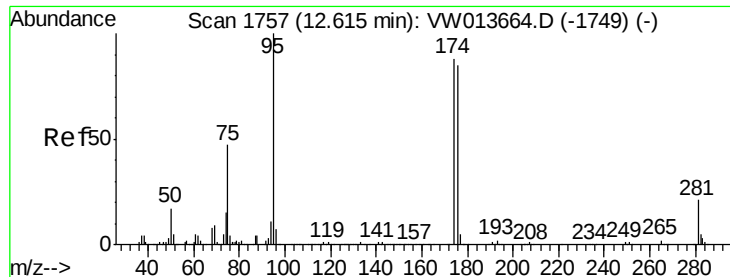
Tot Ion:113 Resp: 24676  
 Ion Ratio Lower Upper  
 113 100  
 111 104.7 83.0 124.6  
 192 26.5 19.4 29.2



#50  
 Toluene-d8  
 Concen: 49.385 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. 0.00 min  
 Lab File: VW013678.D  
 Acq: 23 Oct 2019 20:08

Tgt Ion: 98 Resp: 91273  
 Ion Ratio Lower Upper  
 98 100  
 100 67.9 53.4 80.0

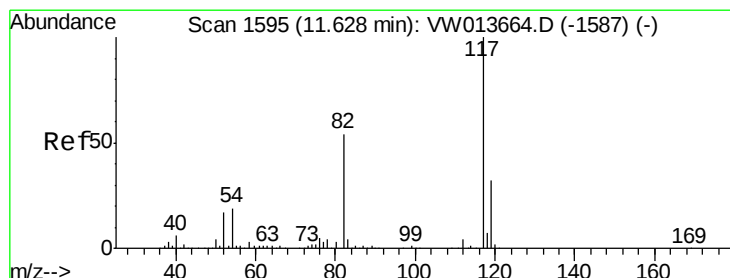
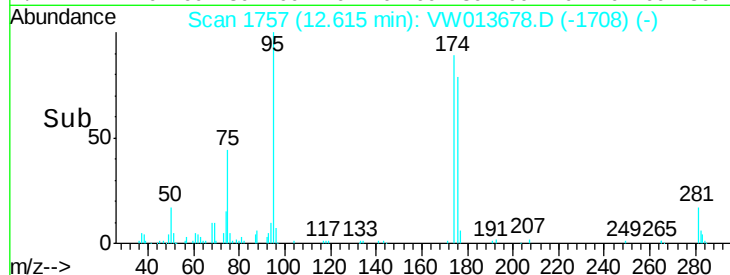
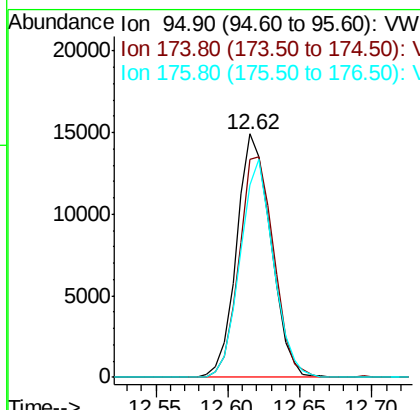
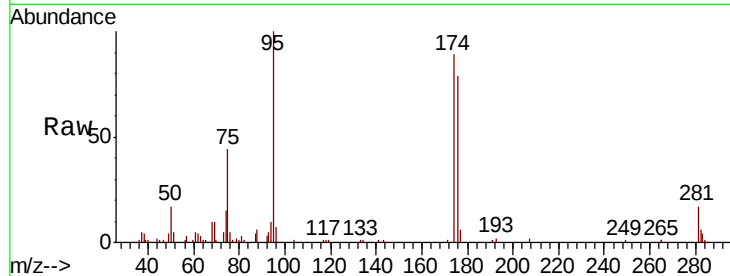




#62  
4-Bromofluorobenzene  
Concen: 39.305 ug/l  
RT: 12.62 min Scan# 1757  
Delta R.T. 0.00 min  
Lab File: VW013678.D  
Acq: 23 Oct 2019 20:08

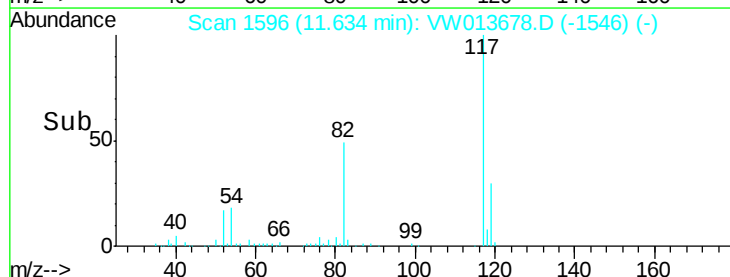
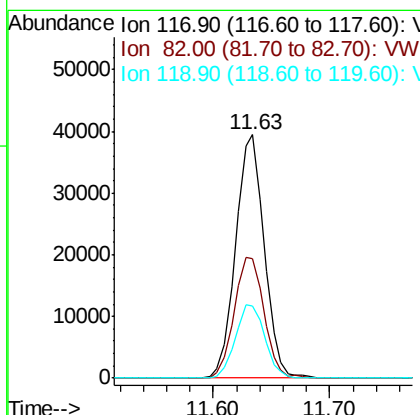
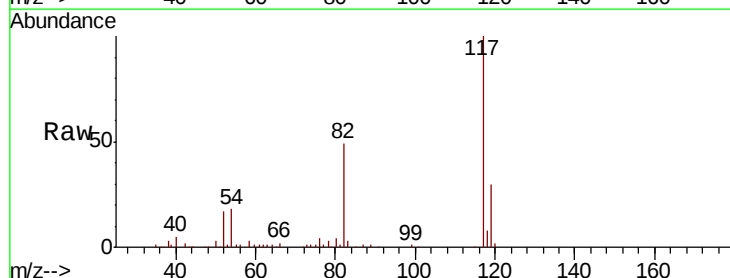
Instrument :  
MSVOA\_W  
ClientSampleId :  
CHRT-26706

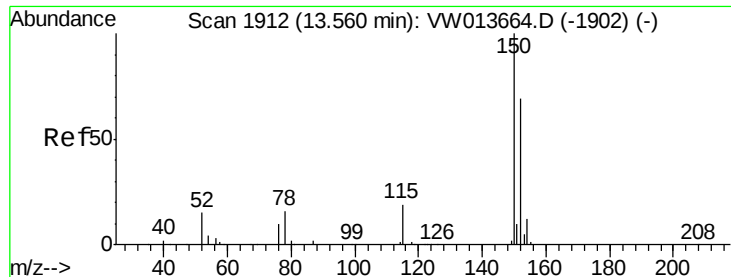
| Tot Ion   | 95    | Resp  | 24597 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 92.2  | 0.0   | 183.6 |
| 176       | 86.8  | 0.0   | 178.0 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.01 min  
Lab File: VW013678.D  
Acq: 23 Oct 2019 20:08

| Tgt Ion   | 117   | Resp  | 67579 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 82        | 48.9  | 43.6  | 65.4  |
| 119       | 29.8  | 25.4  | 38.2  |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013678.D

Acq: 23 Oct 2019 20:08

Instrument :

MSVOA\_W

ClientSampleId :

CHRT-26706

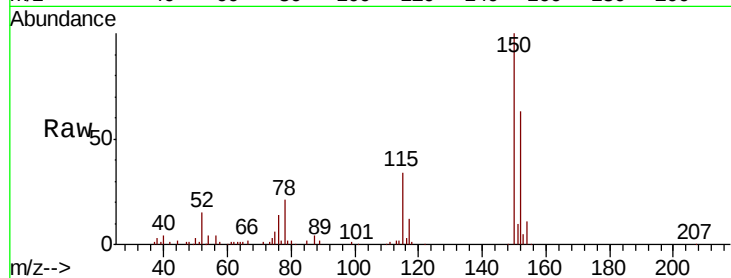
Tot Ion:152 Resp: 20757

Ion Ratio Lower Upper

152 100

115 55.4 27.4 82.2

150 154.3 0.0 345.4



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

