

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\  
 Data File : VX015566.D  
 Acq On : 08 Apr 2020 14:08  
 Operator : JC/SP  
 Sample : L2192-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OUTFALL001-200407

Quant Time: Apr 09 07:12:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 09:35:51 2020  
 Response via : Initial Calibration

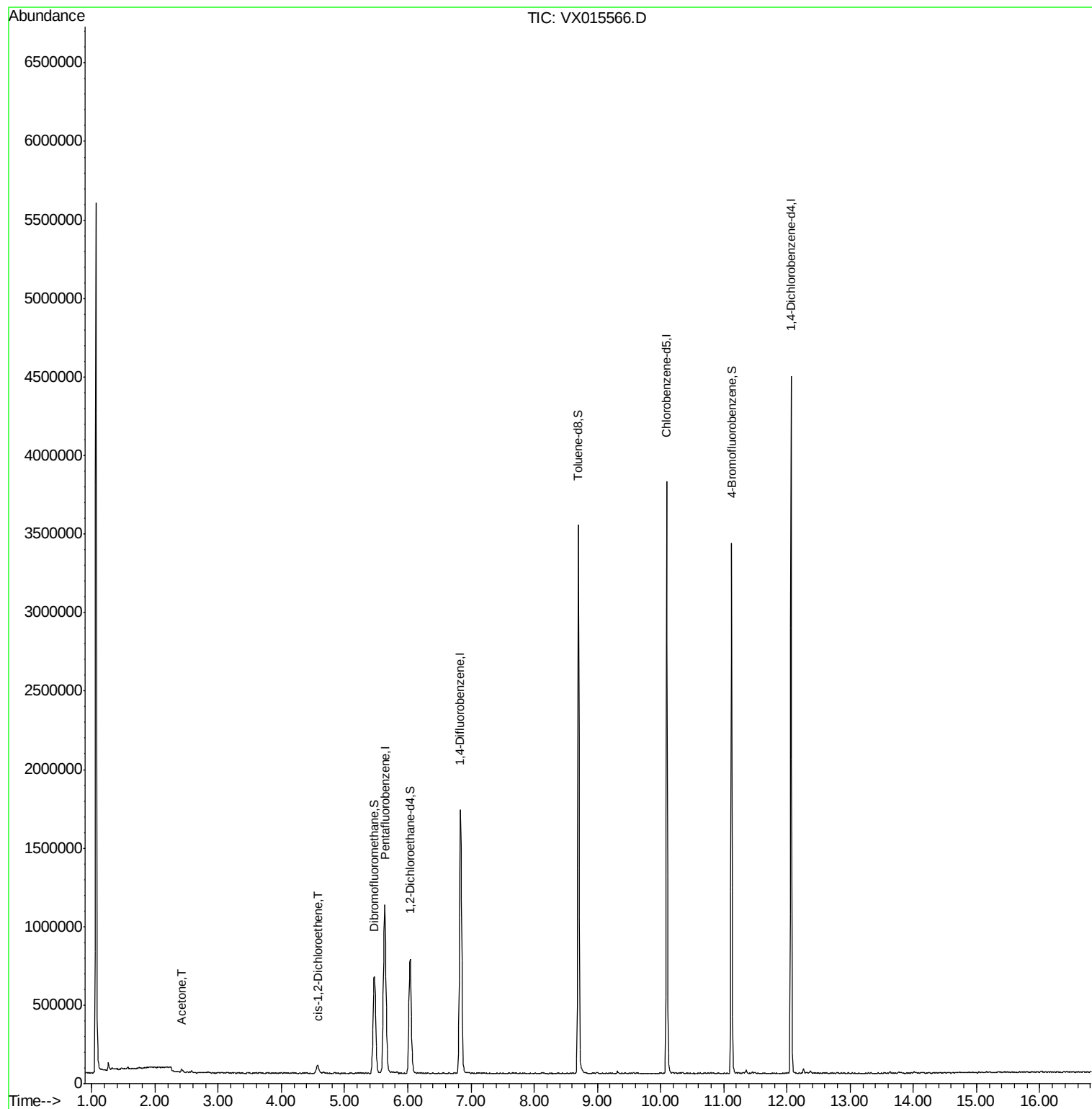
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 1077753  | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 1690769  | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 1645670  | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 906498   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 708924   | 46.64 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 93.28%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 531594   | 49.19 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.38%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 2042016  | 51.32 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.64% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 873911   | 54.04 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 108.08% |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.42  | 43   | 24051    | 3.683 | ug/l    | 95       |
| 27) cis-1,2-Dichloroethene  | 4.58  | 96   | 34139    | 2.613 | ug/l    | 89       |

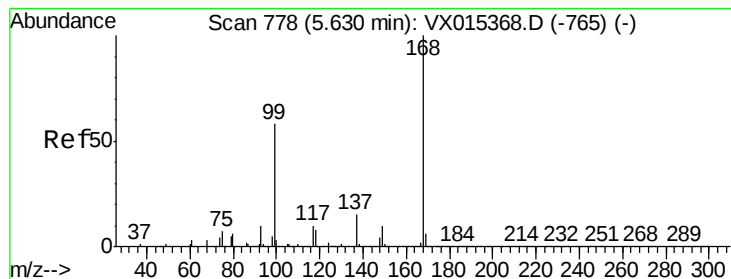
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Mar 27 09:35:51 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015566.D

Acq: 08 Apr 2020 14:08

Instrument :

MSVOA\_X

ClientSampleId :

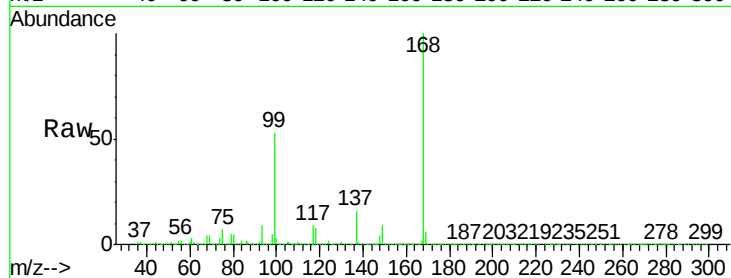
OUTFALL001-200407

Tot Ion:168 Resp: 1077753

Ion Ratio Lower Upper

168 100

99 53.0 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

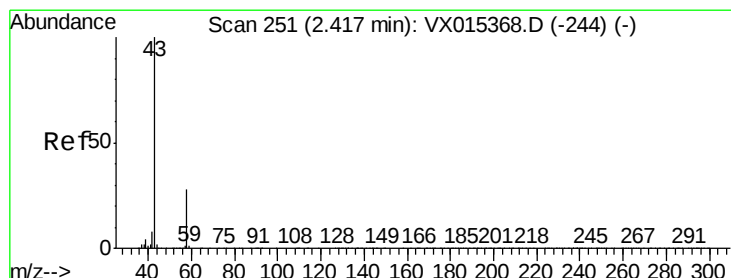
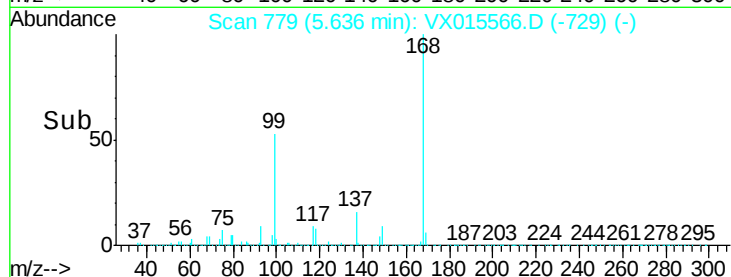
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.683 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015566.D

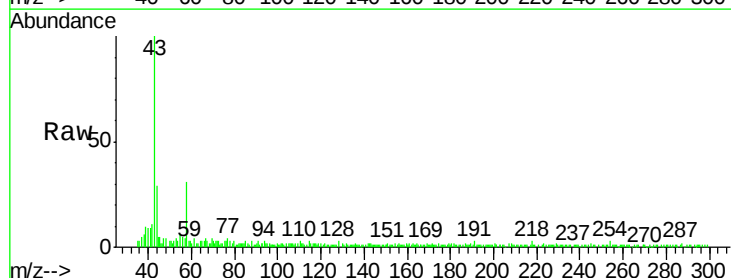
Acq: 08 Apr 2020 14:08

Tgt Ion: 43 Resp: 24051

Ion Ratio Lower Upper

43 100

58 30.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

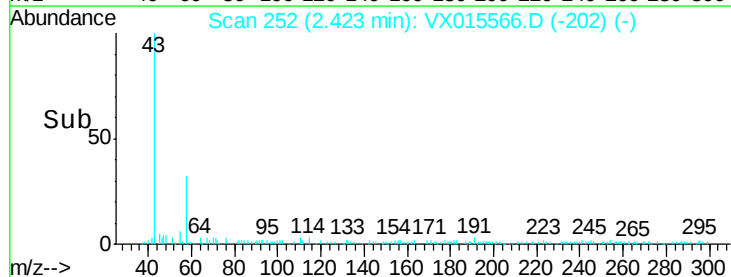
15000

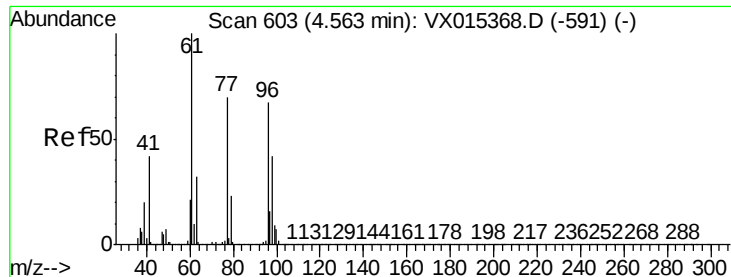
10000

5000

0

Time-->



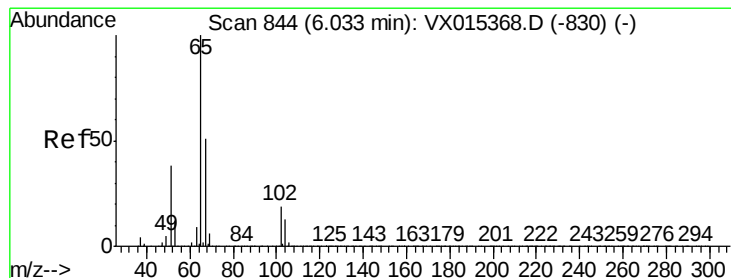
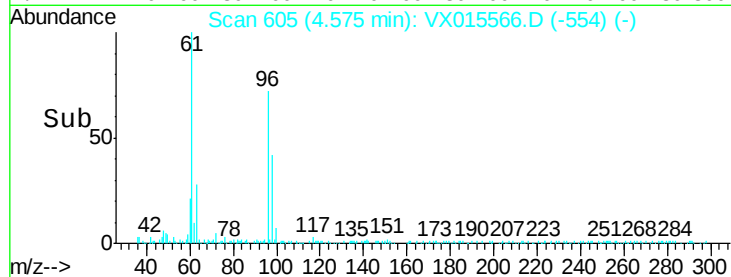
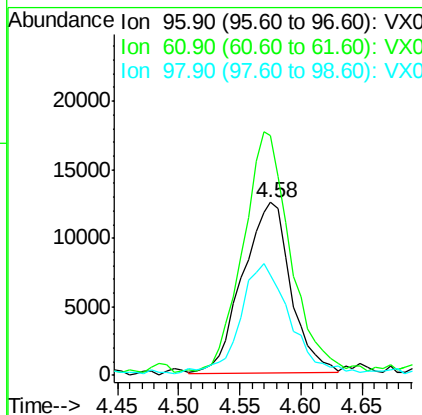
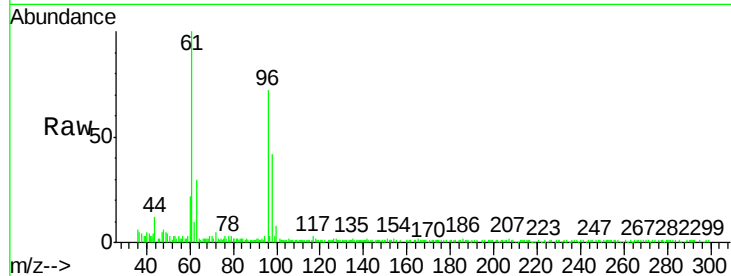


#27

cis-1,2-Dichloroethene  
Concen: 2.613 ug/l  
RT: 4.58 min Scan# 605  
Delta R.T. 0.01 min  
Lab File: VX015566.D  
Acq: 08 Apr 2020 14:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
OUTFALL001-200407

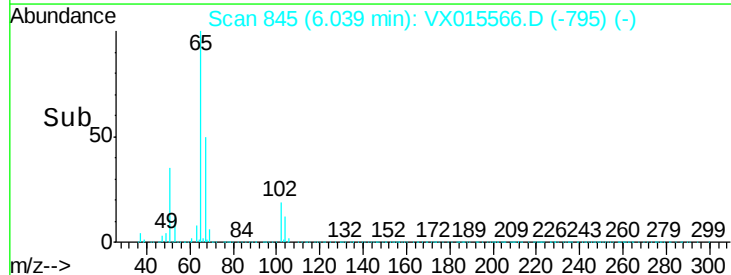
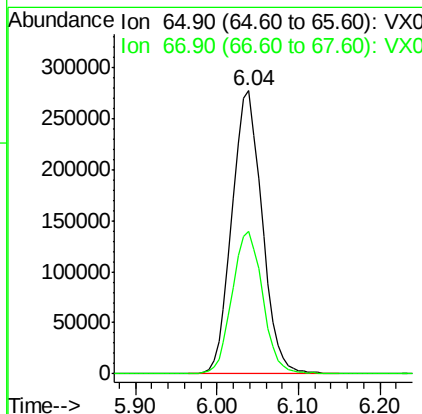
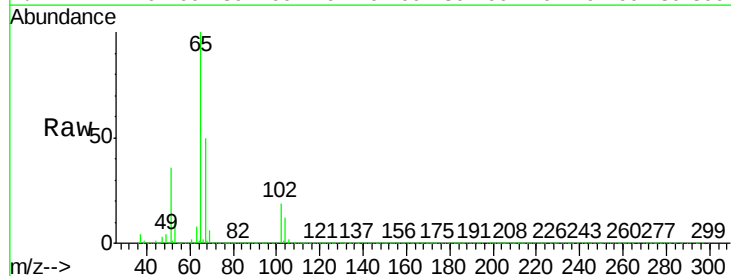
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 137.5 | 0.0   | 308.4 |
| 98      | 69.3  | 0.0   | 129.2 |

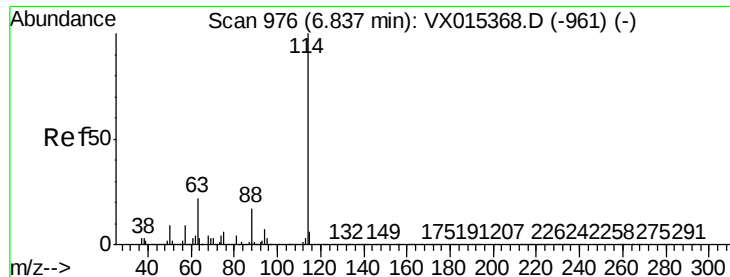


#33

1,2-Dichloroethane-d4  
Concen: 46.638 ug/l  
RT: 6.04 min Scan# 845  
Delta R.T. 0.01 min  
Lab File: VX015566.D  
Acq: 08 Apr 2020 14:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 51.3  | 0.0   | 102.6 |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015566.D

Acq: 08 Apr 2020 14:08

Instrument :

MSVOA\_X

ClientSampleId :

OUTFALL001-200407

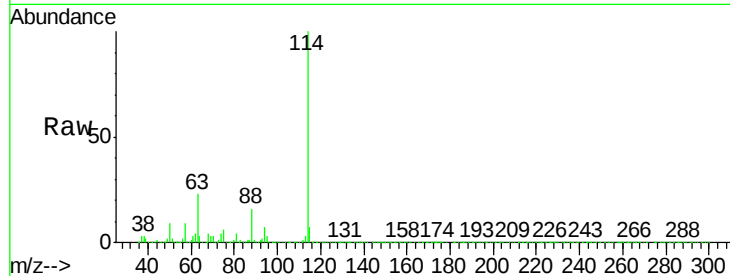
Tot Ion:114 Resp: 1690769

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.2

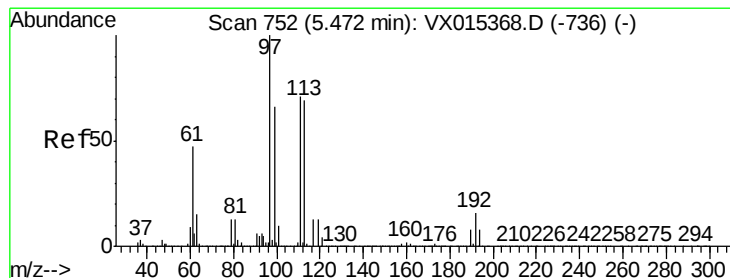
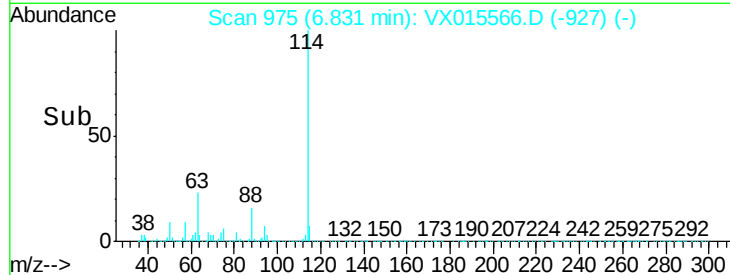
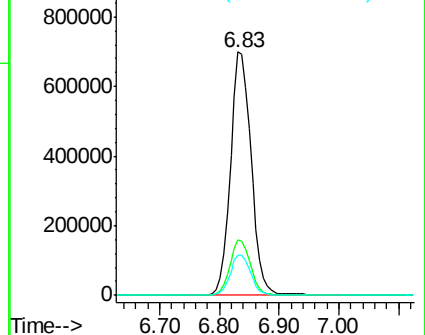
88 16.3 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.186 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015566.D

Acq: 08 Apr 2020 14:08

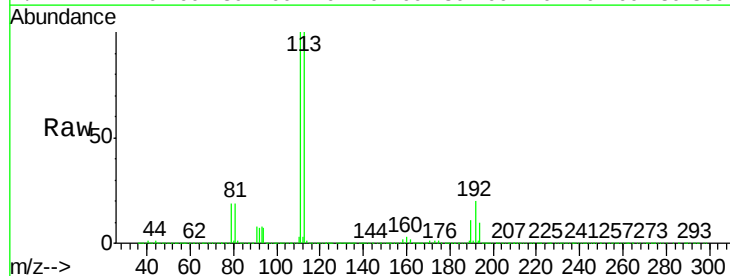
Tgt Ion:113 Resp: 531594

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

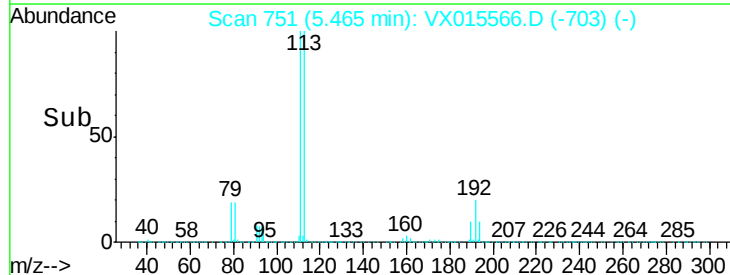
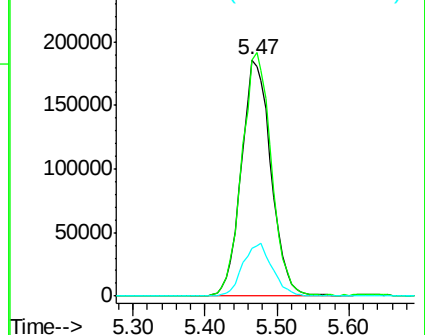
192 22.4 17.8 26.6

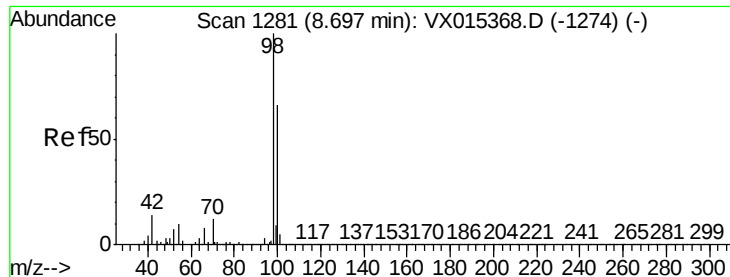


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.318 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015566.D

Acq: 08 Apr 2020 14:08

Instrument :

MSVOA\_X

ClientSampleId :

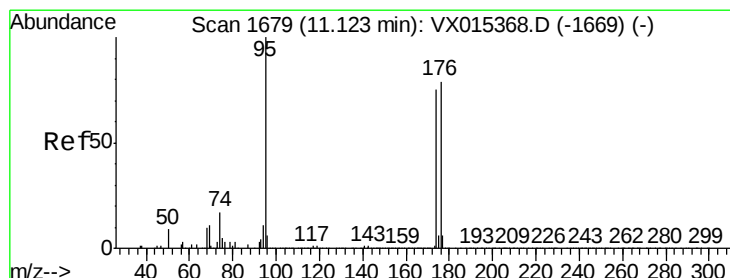
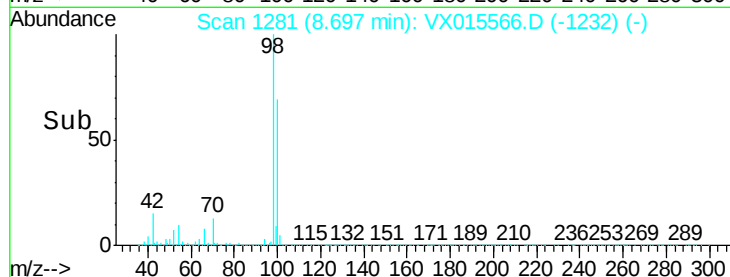
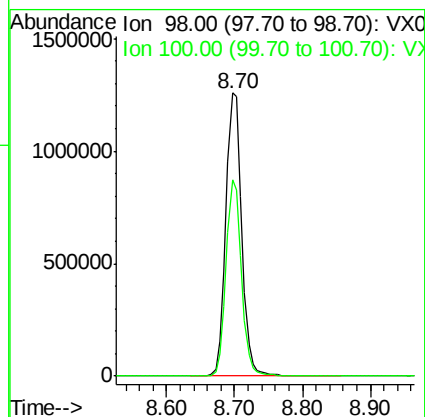
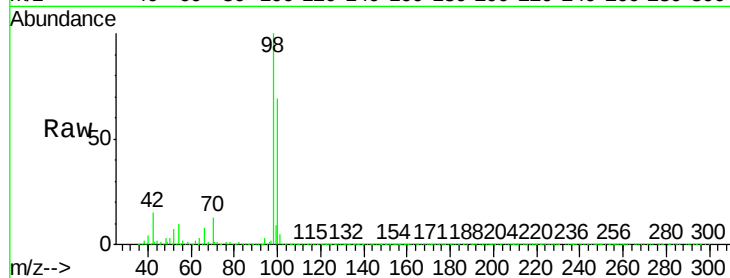
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Tot Ion: 98 Resp: 2042016

Ion Ratio Lower Upper

98 100

100 67.3 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 54.040 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015566.D

Acq: 08 Apr 2020 14:08

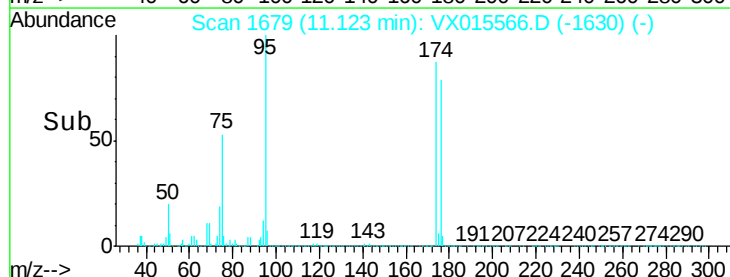
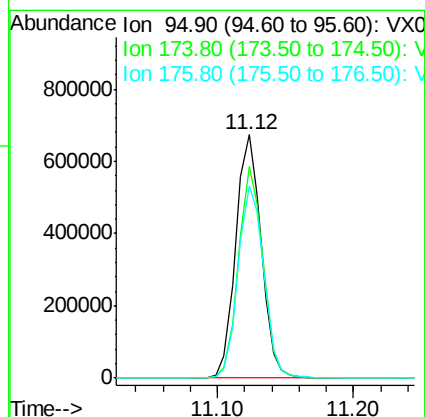
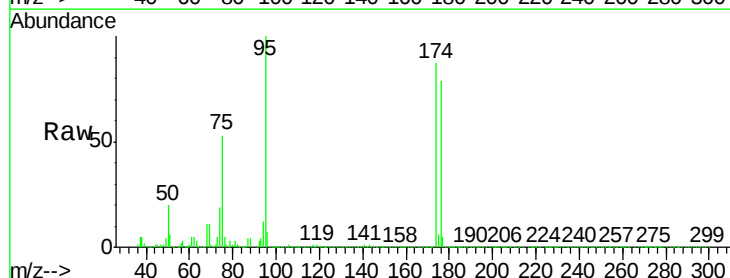
Tgt Ion: 95 Resp: 873911

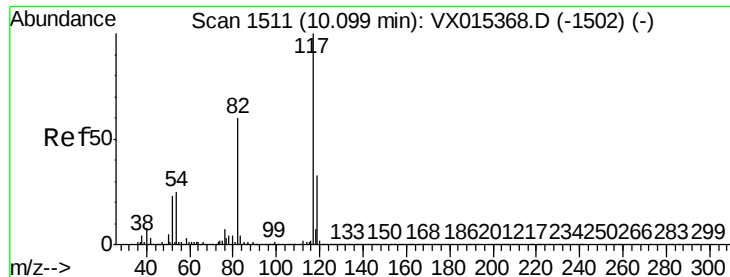
Ion Ratio Lower Upper

95 100

174 84.6 0.0 158.6

176 79.8 0.0 159.0

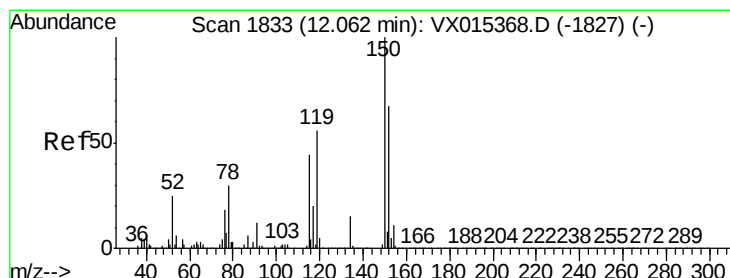
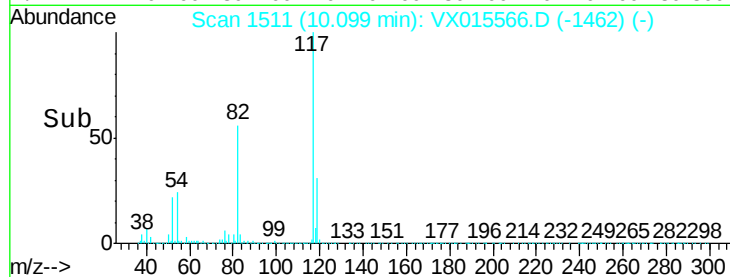
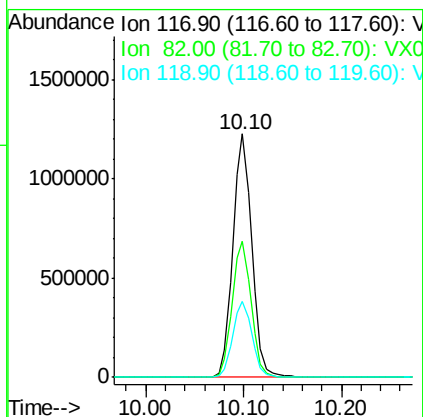
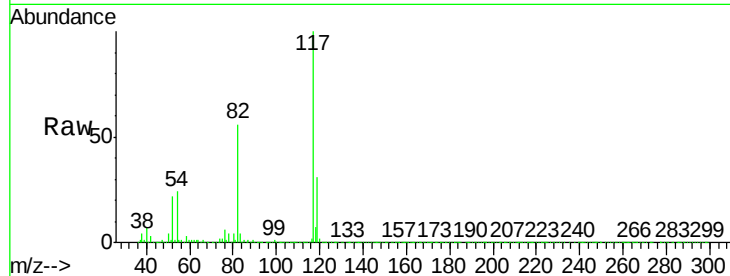




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. -0.00 min  
Lab File: VX015566.D  
Acq: 08 Apr 2020 14:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
OUTFALL001-200407

Tot Ion:117 Resp: 1645670  
Ion Ratio Lower Upper  
117 100  
82 55.9 47.8 71.8  
119 31.3 26.8 40.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1833  
Delta R.T. -0.00 min  
Lab File: VX015566.D  
Acq: 08 Apr 2020 14:08

Tgt Ion:152 Resp: 906498  
Ion Ratio Lower Upper  
152 100  
115 56.5 39.0 116.9  
150 154.5 0.0 340.8

