

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\  
 Data File : VX015395.D  
 Acq On : 27 Mar 2020 20:23  
 Operator : JC/SP  
 Sample : L1997-06 100X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE122D2-20200316

Quant Time: Mar 30 04:47:08 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

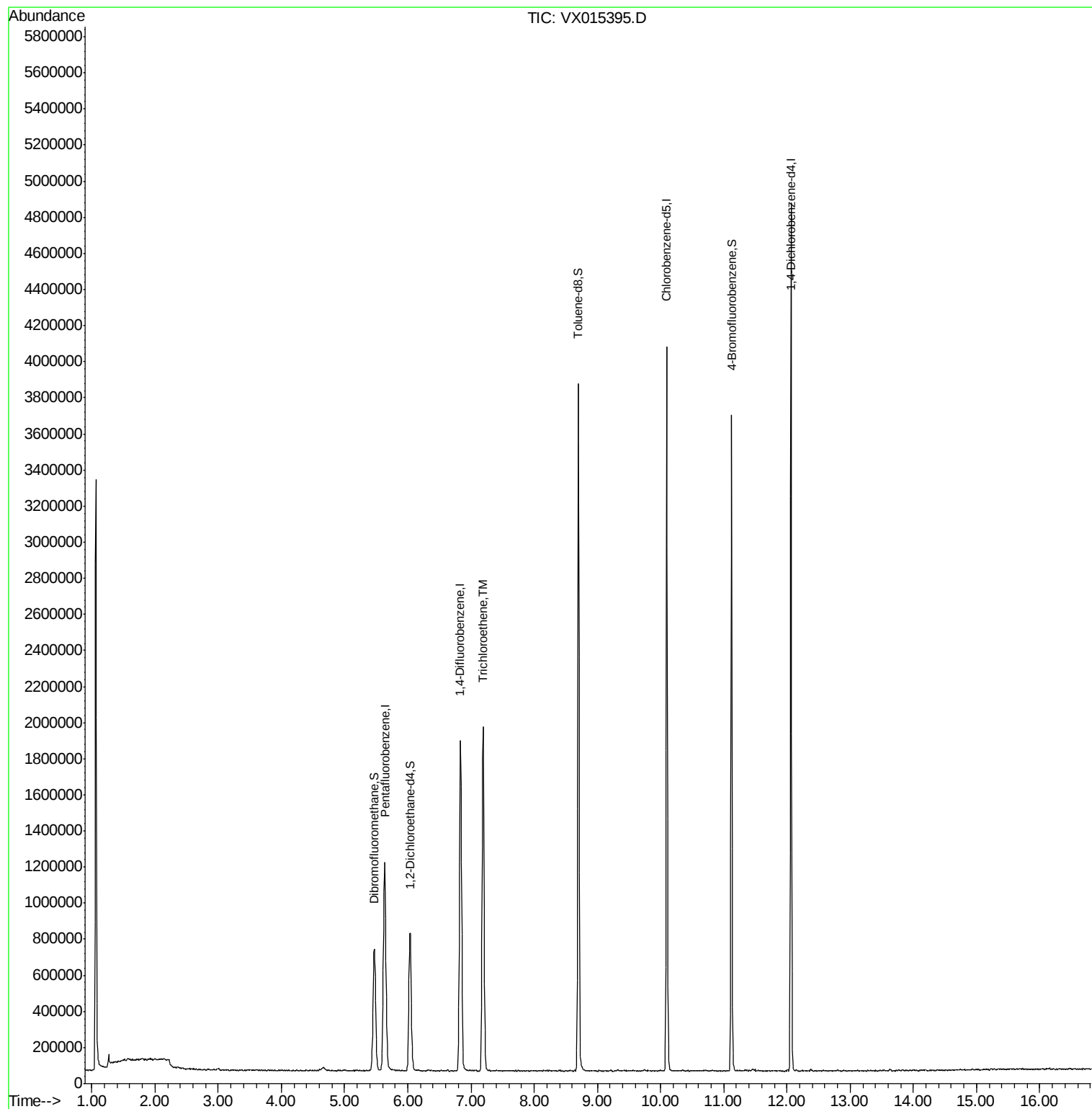
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 1120485  | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 1812144  | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 1746918  | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 918594   | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 745113   | 47.15  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.30%  |           |
| 35) Dibromofluoromethane    | 5.47  | 113  | 572556   | 49.43  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.86%  |           |
| 50) Toluene-d8              | 8.70  | 98   | 2219679  | 52.05  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.10% |           |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 955281   | 55.12  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 110.24% |           |
| Target Compounds            |       |      |          |        |         |           |
| 44) Trichloroethene         | 7.19  | 130  | 723749   | 54.258 | ug/l    | Qvalue 98 |

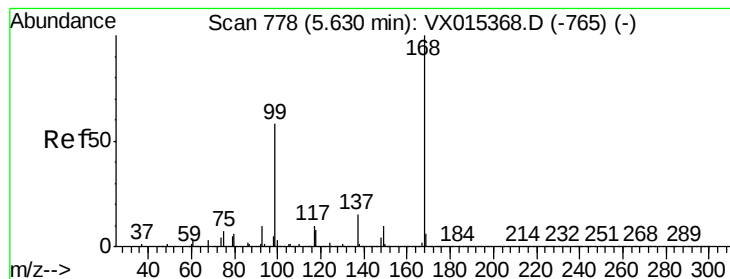
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015395.D

Acq: 27 Mar 2020 20:23

Instrument :

MSVOA\_X

ClientSampleId :

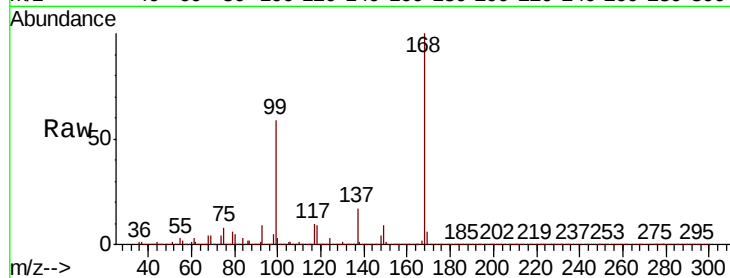
RE122D2-20200316

Tot Ion:168 Resp: 1120485

Ion Ratio Lower Upper

168 100

99 58.8 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

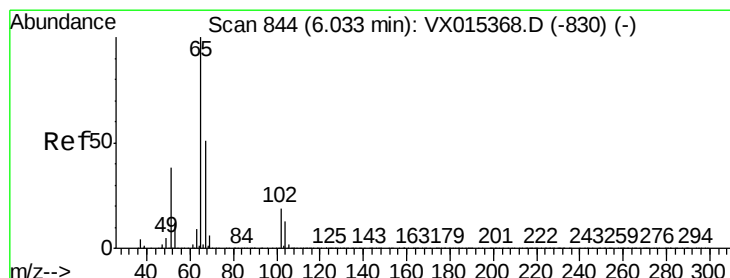
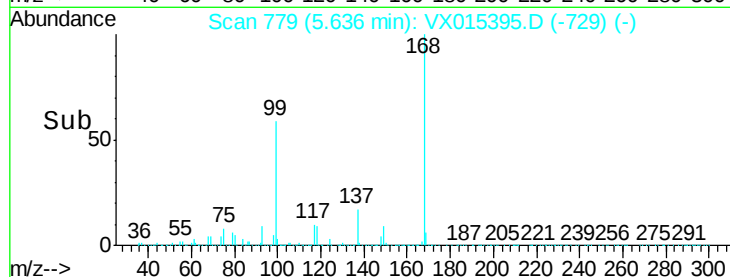
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.149 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015395.D

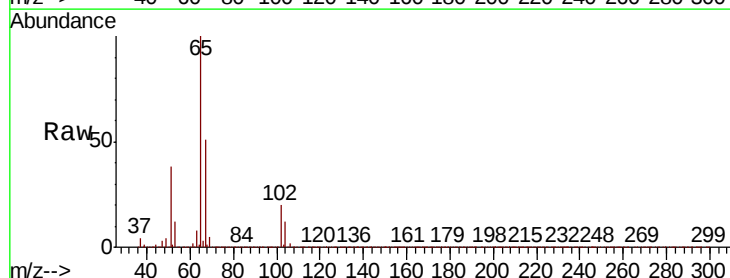
Acq: 27 Mar 2020 20:23

Tgt Ion: 65 Resp: 745113

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

300000

250000

200000

150000

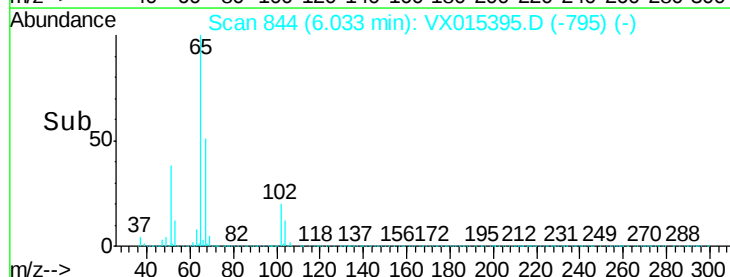
100000

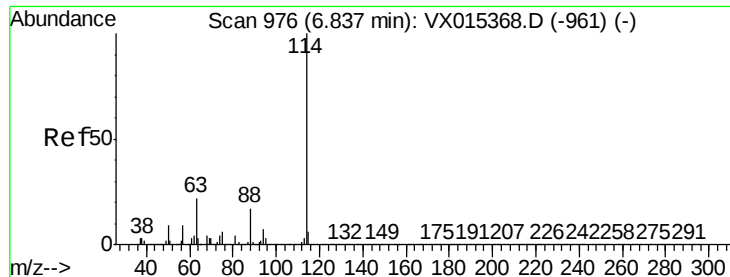
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015395.D

Acq: 27 Mar 2020 20:23

Instrument :

MSVOA\_X

ClientSampleId :

RE122D2-20200316

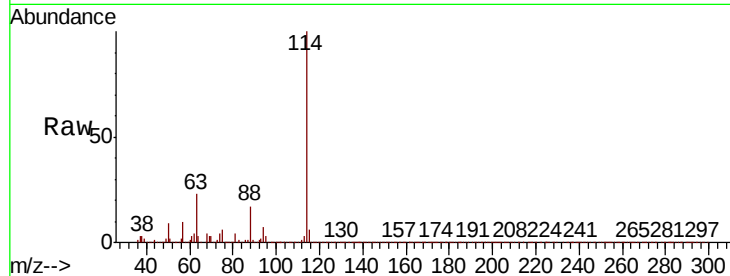
Tot Ion:114 Resp: 1812144

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.2

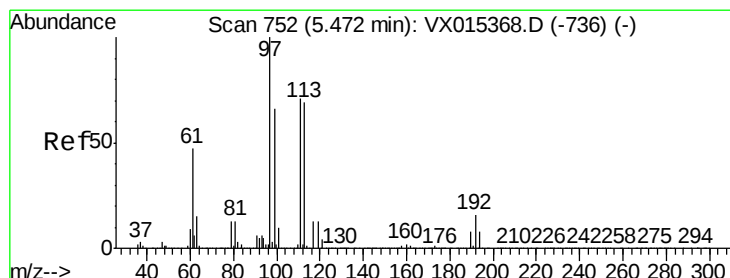
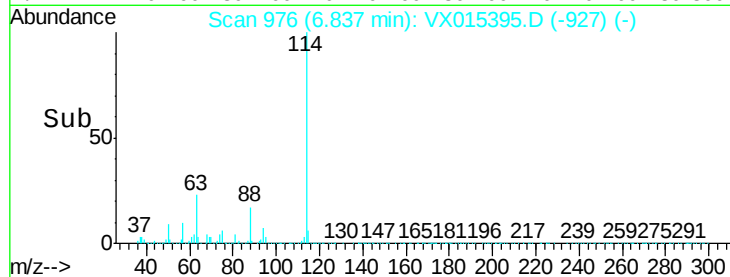
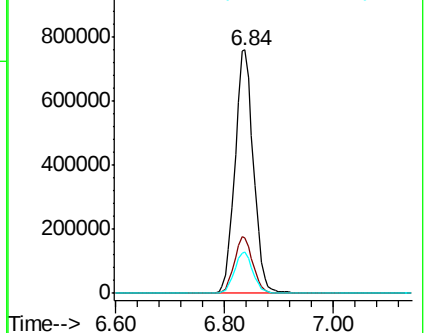
88 17.0 0.0 33.8



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: 49.428 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015395.D

Acq: 27 Mar 2020 20:23

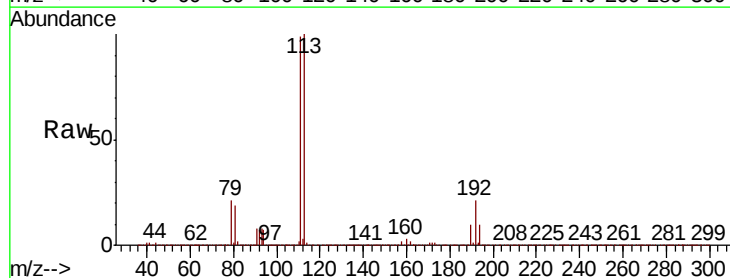
Tgt Ion:113 Resp: 572556

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

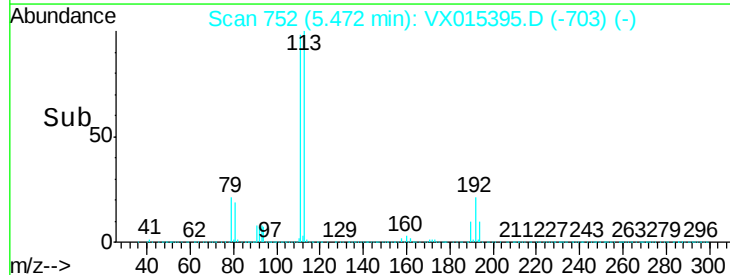
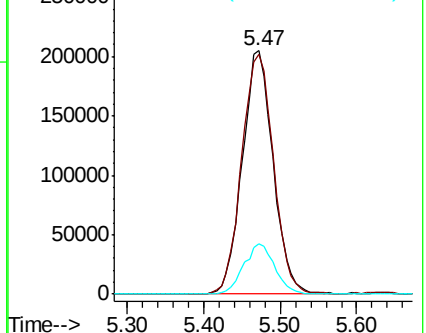
192 20.8 17.8 26.6

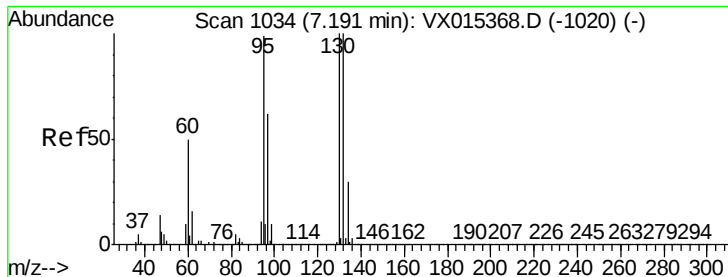


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 54.258 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015395.D

Acq: 27 Mar 2020 20:23

Instrument :

MSVOA\_X

ClientSampleId :

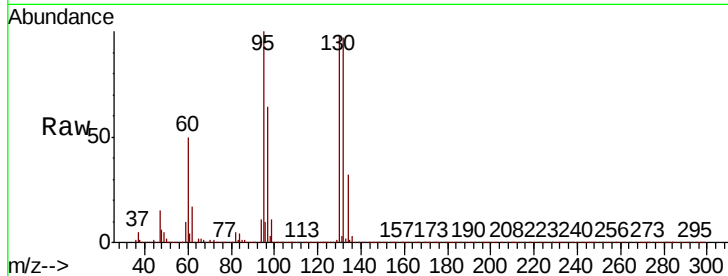
RE122D2-20200316

Tot Ion:130 Resp: 723749

Ion Ratio Lower Upper

130 100

95 101.6 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

400000

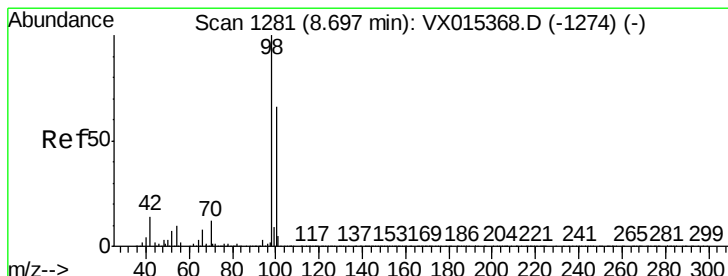
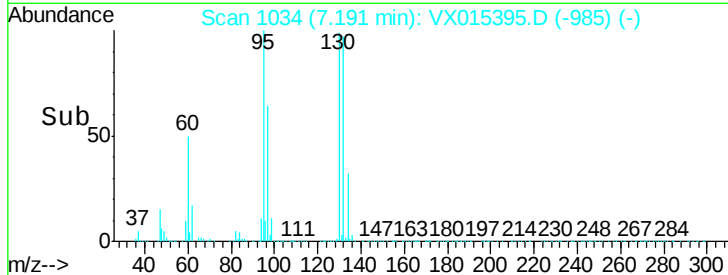
300000

200000

100000

0

Time-->



#50

Toluene-d8

Concen: 52.046 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015395.D

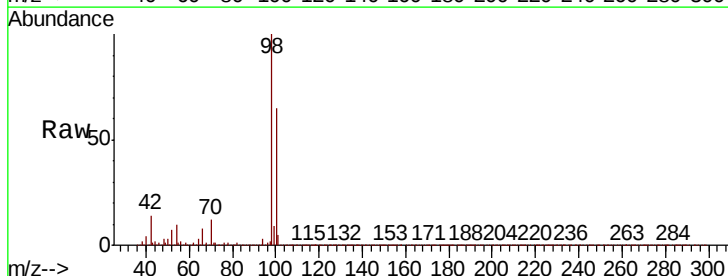
Acq: 27 Mar 2020 20:23

Tgt Ion: 98 Resp: 2219679

Ion Ratio Lower Upper

98 100

100 65.8 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

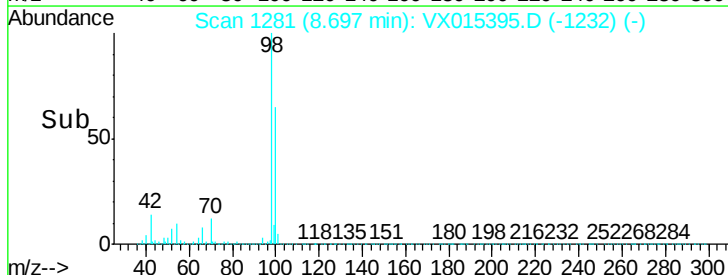
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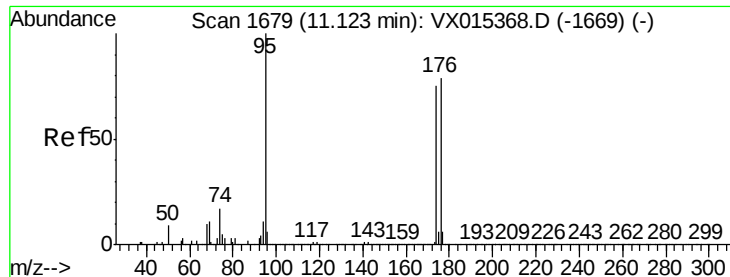
1000000

500000

0

Time-->

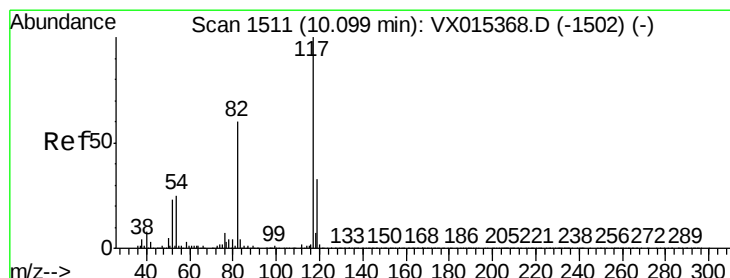
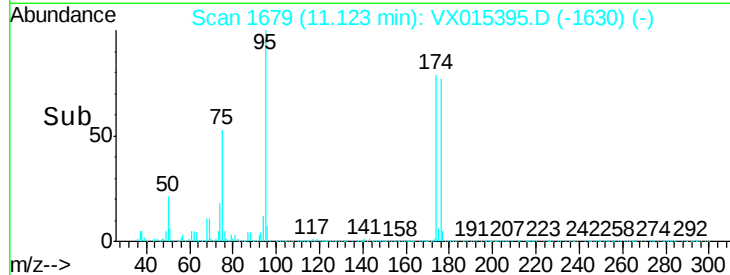
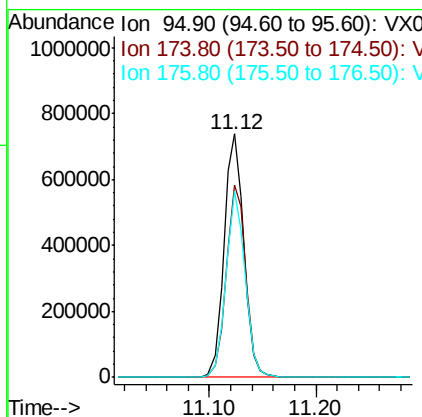
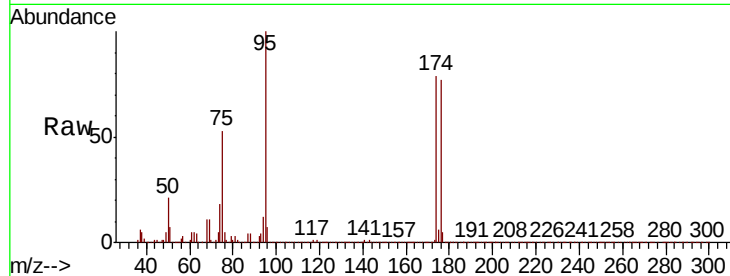




#62  
4-Bromofluorobenzene  
Concen: 55.116 ug/l  
RT: 11.12 min Scan# 1679  
Delta R.T. 0.00 min  
Lab File: VX015395.D  
Acq: 27 Mar 2020 20:23

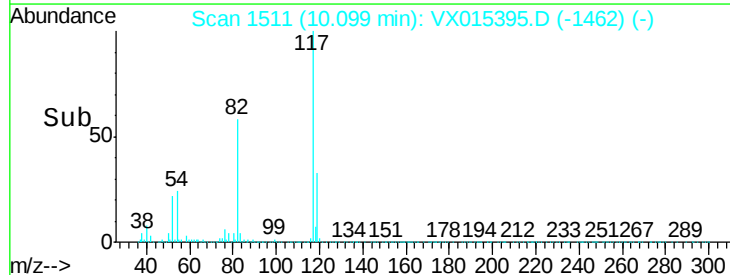
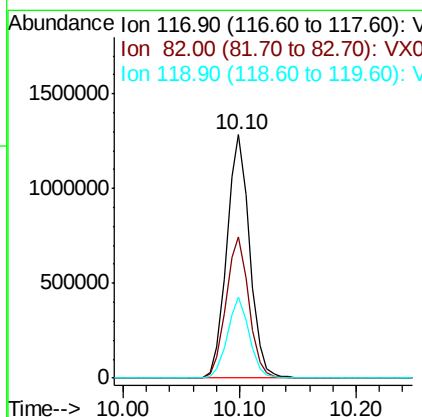
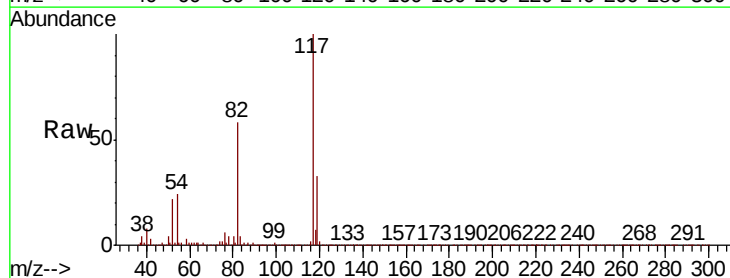
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MSVOA\_X  
ClientSampleId :  
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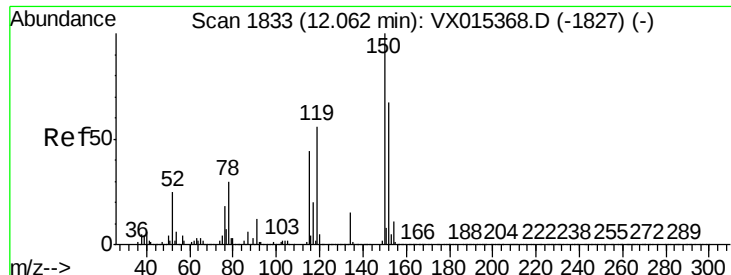
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 78.6  | 0.0   | 158.6 |
| 176     | 74.6  | 0.0   | 159.0 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: VX015395.D  
Acq: 27 Mar 2020 20:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.9  | 47.8  | 71.8  |
| 119     | 33.0  | 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: VX015395.D

Acq: 27 Mar 2020 20:23

Instrument :

MSVOA\_X

ClientSampleId :

RE122D2-20200316

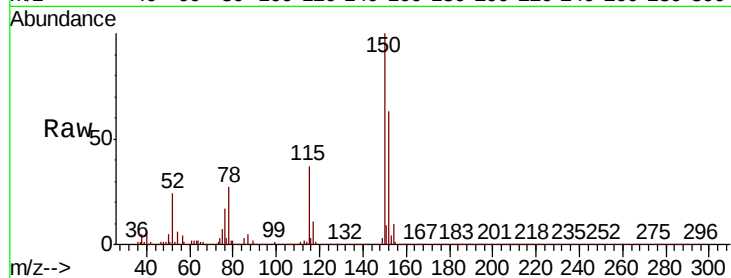
Tot Ion:152 Resp: 918594

Ion Ratio Lower Upper

152 100

115 59.4 39.0 116.9

150 158.7 0.0 340.8



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

