

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\  
 Data File : VX015797.D  
 Acq On : 21 Apr 2020 16:16  
 Operator : JC/SP  
 Sample : L2327-12  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-4-S

Quant Time: Apr 22 06:12:19 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

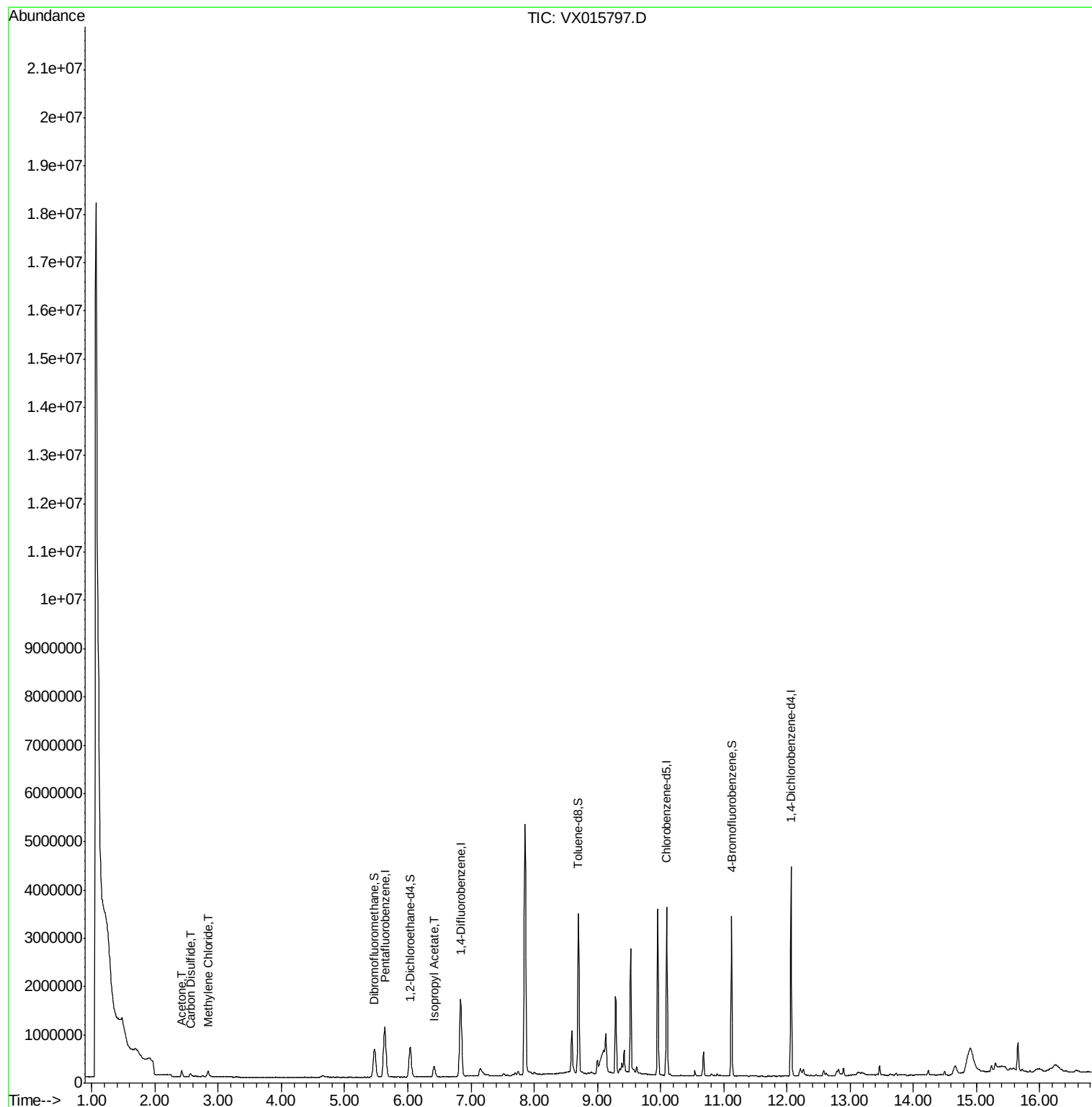
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 1064796  | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 1631053  | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 1600234  | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 882631   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 612219   | 40.77  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 81.54%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 503446   | 48.29  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 96.58%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 1974490  | 51.44  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.88% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 815331   | 52.26  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.52% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.42  | 43   | 169408   | 26.257 | ug/l    | 97       |
| 17) Carbon Disulfide        | 2.56  | 76   | 86226    | 2.812  | ug/l    | 97       |
| 20) Methylene Chloride      | 2.84  | 84   | 51742    | 4.293  | ug/l    | 90       |
| 43) Isopropyl Acetate       | 6.42  | 43   | 337670   | 10.222 | ug/l    | 98       |

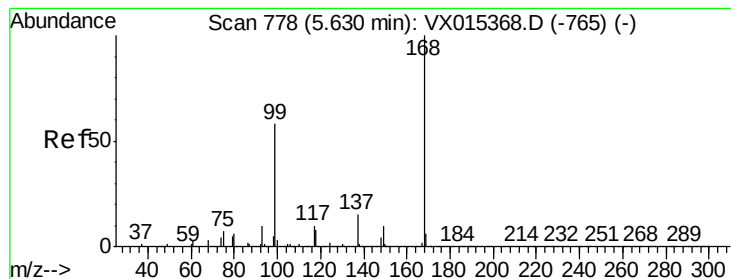
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
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: VX015797.D

Acq: 21 Apr 2020 16:16

Instrument :

MSVOA\_X

ClientSampled :

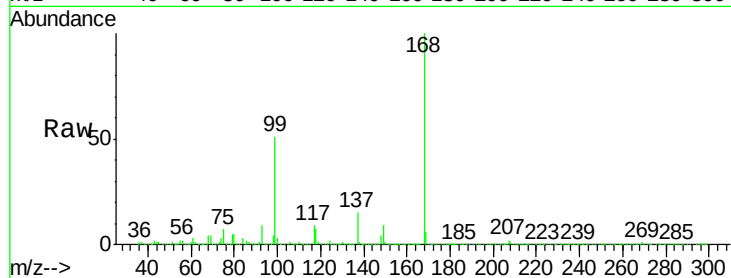
TP-4-S

Tot Ion:168 Resp: 1064796

Ion Ratio Lower Upper

168 100

99 51.1 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

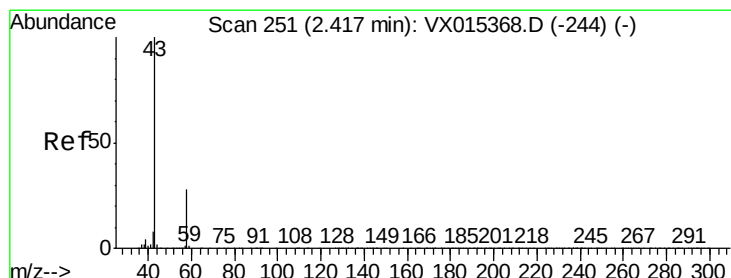
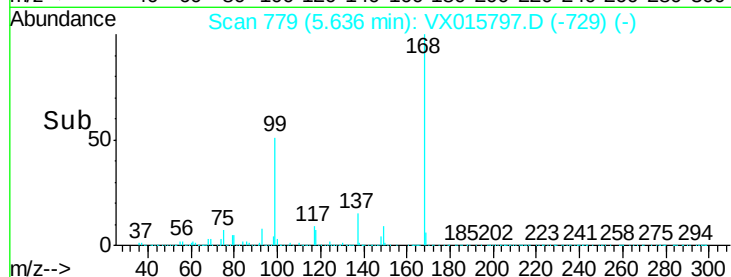
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 26.257 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015797.D

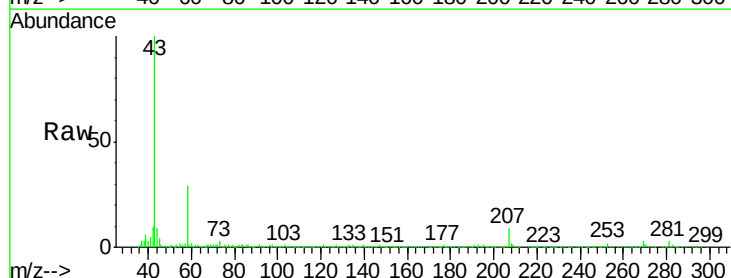
Acq: 21 Apr 2020 16:16

Tgt Ion: 43 Resp: 169408

Ion Ratio Lower Upper

43 100

58 29.2 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

100000

80000

60000

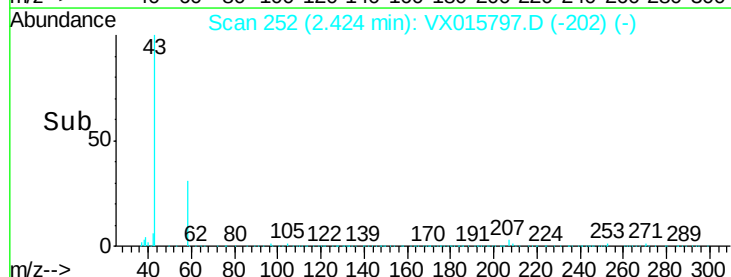
40000

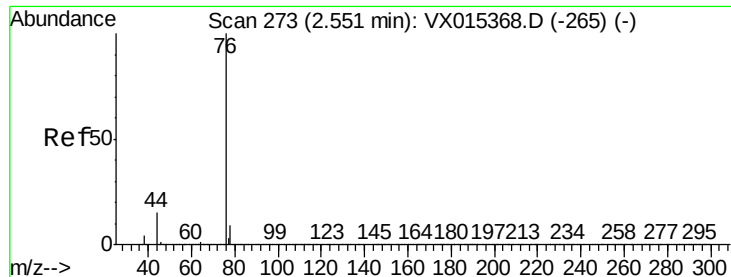
20000

0

2.35 2.40 2.45 2.50

Time-->





#17

Carbon Disulfide

Concen: 2.812 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX015797.D

Acq: 21 Apr 2020 16:16

Instrument :

MSVOA\_X

ClientSampled :

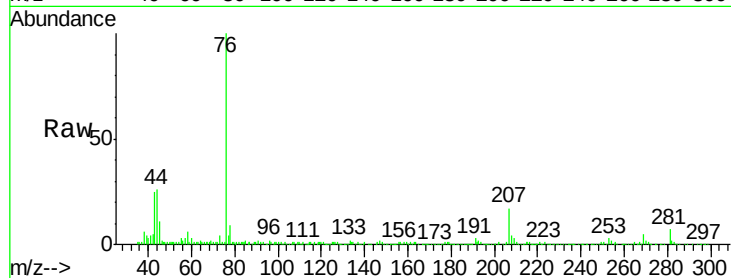
TP-4-S

Tot Ion: 76 Resp: 86226

Ion Ratio Lower Upper

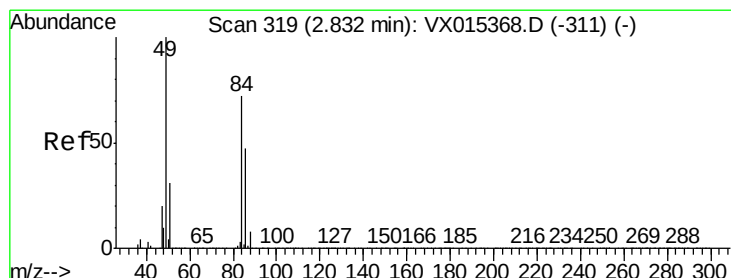
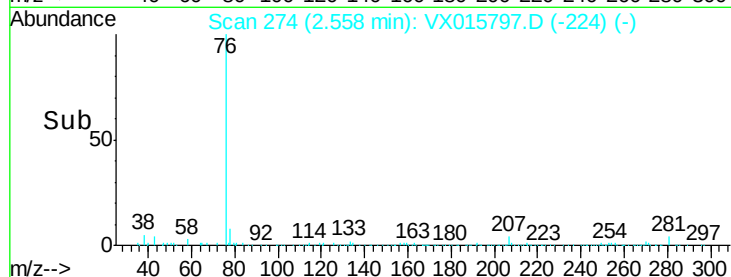
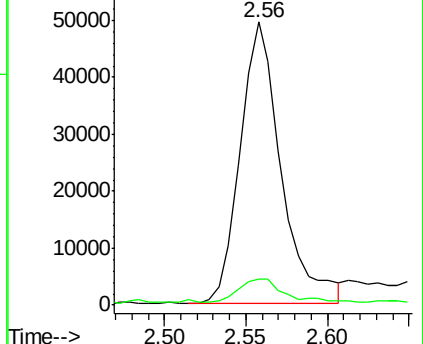
76 100

78 7.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#20

Methylene Chloride

Concen: 4.293 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX015797.D

Acq: 21 Apr 2020 16:16

Tgt Ion: 84 Resp: 51742

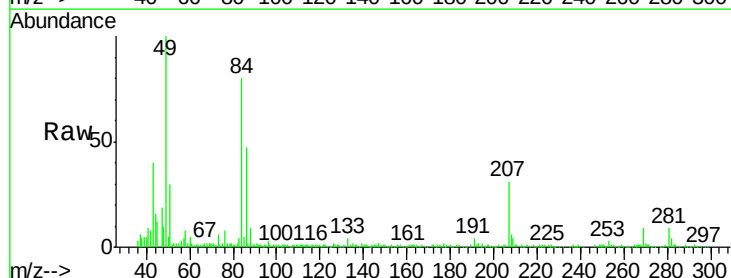
Ion Ratio Lower Upper

84 100

49 125.2 111.3 166.9

51 36.2 34.0 51.0

86 59.7 52.5 78.7

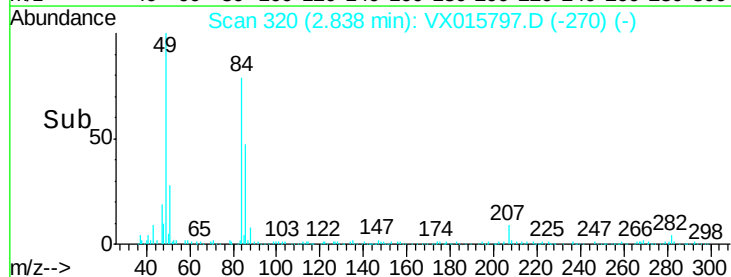
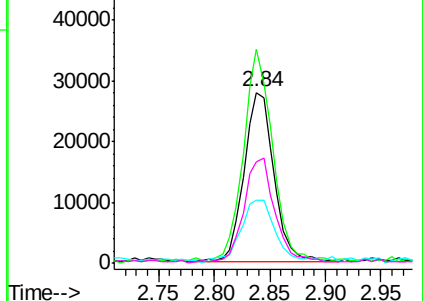


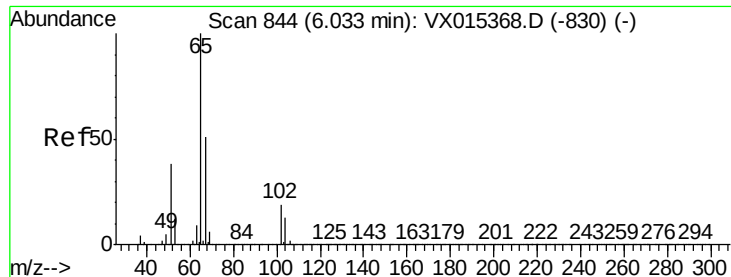
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

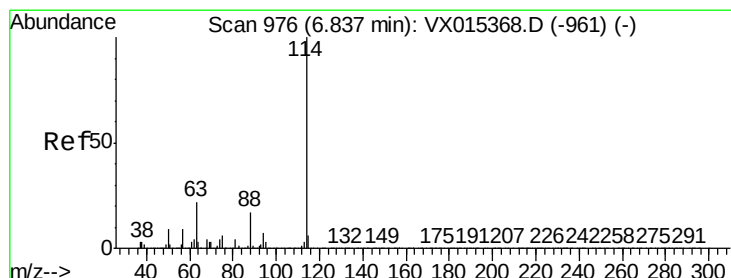
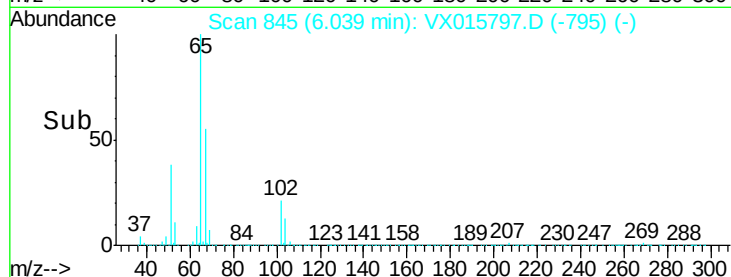
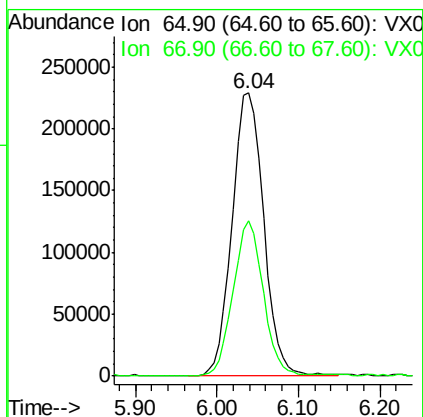
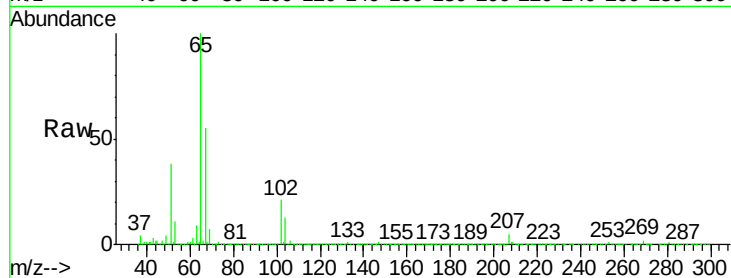




#33  
 1,2-Dichloroethane-d4  
 Concen: 40.766 ug/l  
 RT: 6.04 min Scan# 845  
 Delta R.T. 0.01 min  
 Lab File: VX015797.D  
 Acq: 21 Apr 2020 16:16

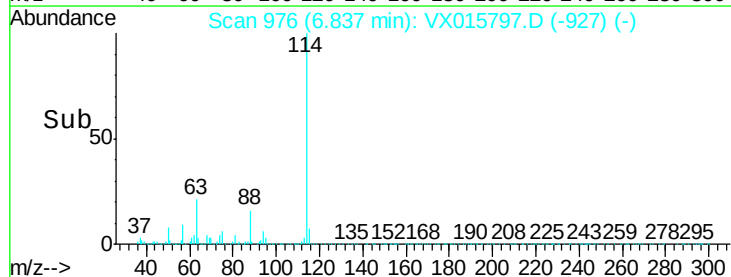
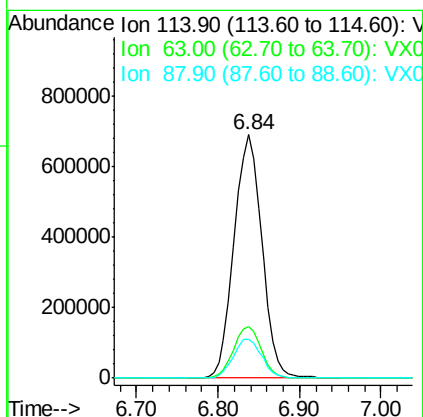
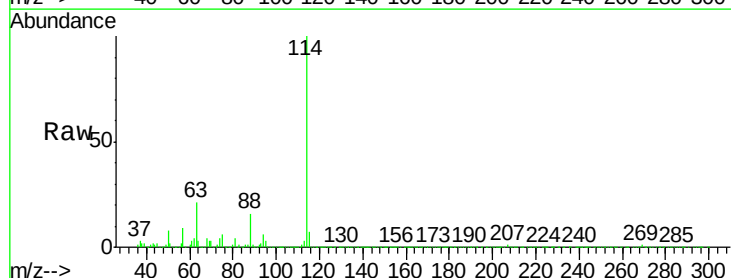
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 TP-4-S

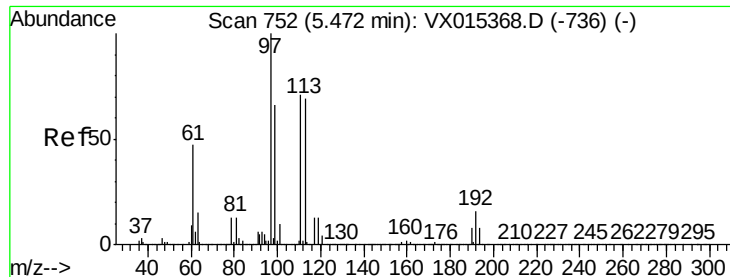
Tot Ion: 65 Resp: 612219  
 Ion Ratio Lower Upper  
 65 100  
 67 52.2 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 976  
 Delta R.T. 0.00 min  
 Lab File: VX015797.D  
 Acq: 21 Apr 2020 16:16

Tgt Ion: 114 Resp: 1631053  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 44.2  
 88 15.8 0.0 33.8

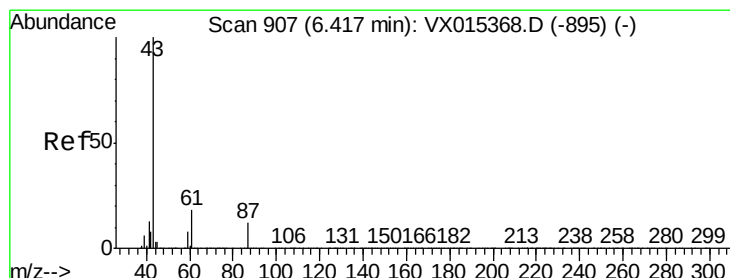
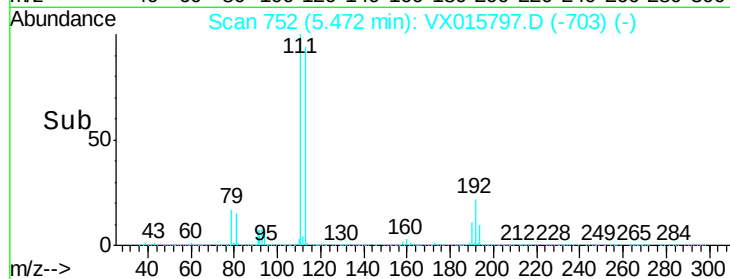
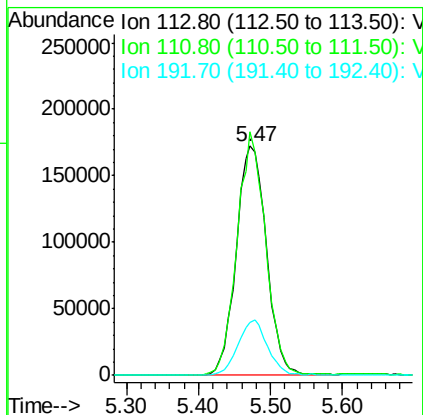
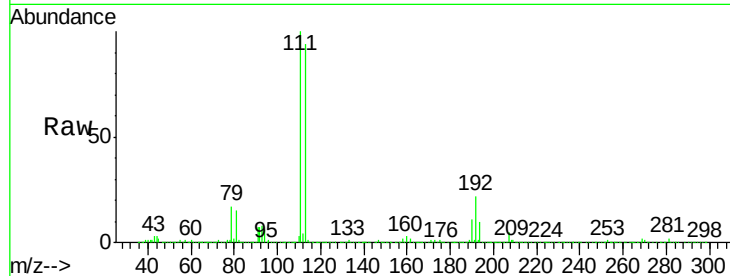




#35  
Dibromofluoromethane  
Concen: 48.287 ug/l  
RT: 5.47 min Scan# 752  
Delta R.T. 0.00 min  
Lab File: VX015797.D  
Acq: 21 Apr 2020 16:16

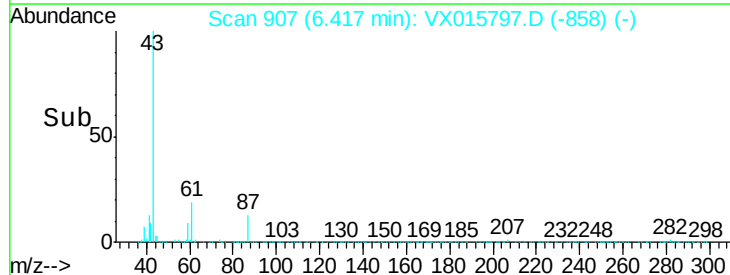
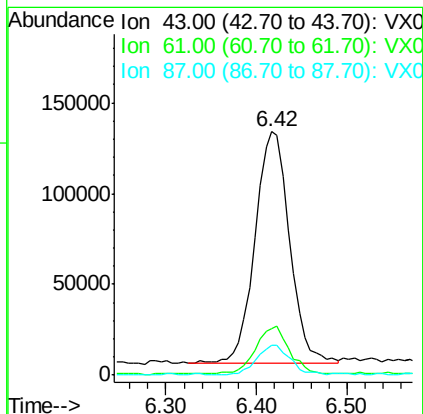
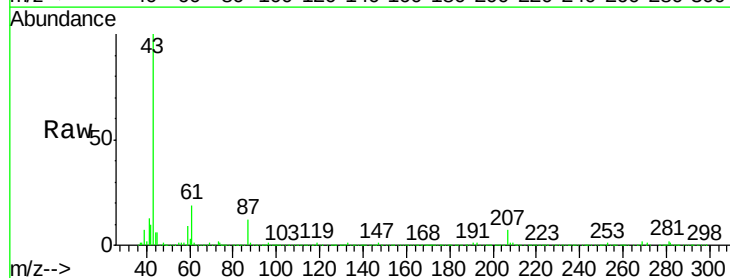
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-4-S

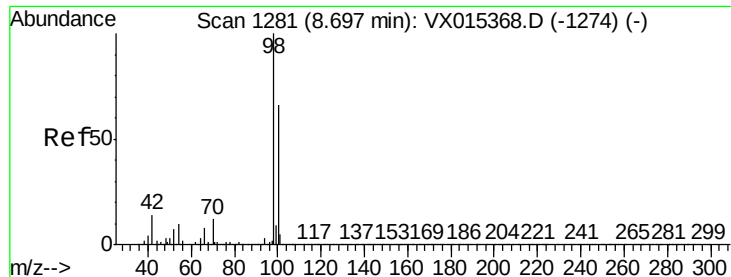
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 99.7  | 81.5  | 122.3 |
| 192     | 23.0  | 17.8  | 26.6  |



#43  
Isopropyl Acetate  
Concen: 10.222 ug/l  
RT: 6.42 min Scan# 907  
Delta R.T. 0.00 min  
Lab File: VX015797.D  
Acq: 21 Apr 2020 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.5  | 14.8  | 22.2  |
| 87      | 12.6  | 9.4   | 14.0  |

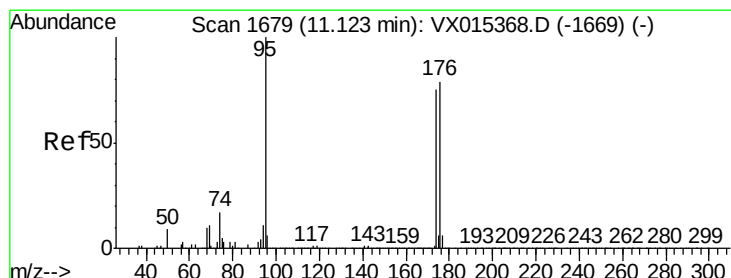
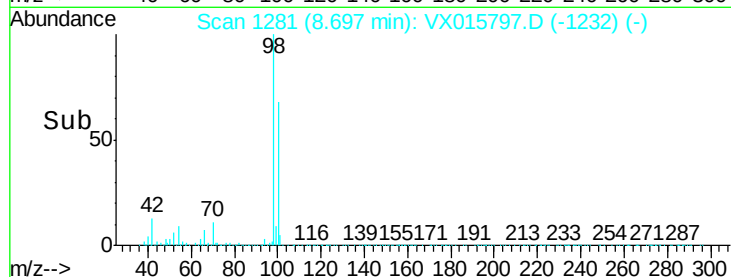
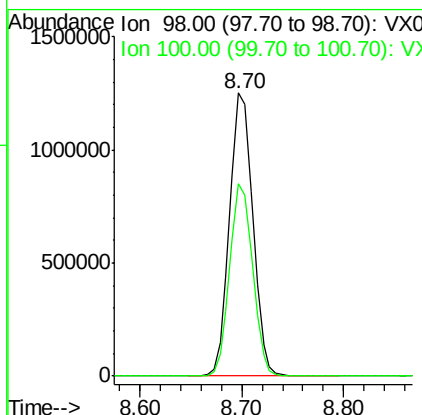
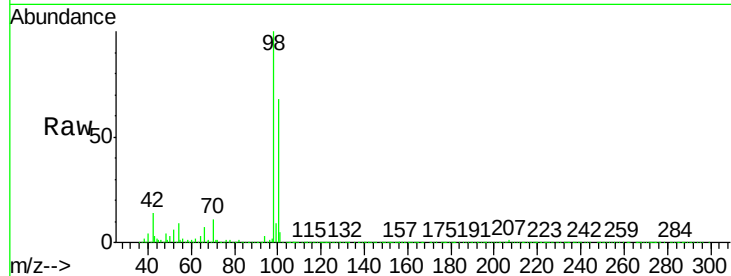




#50  
Toluene-d8  
Concen: 51.437 ug/l  
RT: 8.70 min Scan# 1281  
Delta R.T. 0.00 min  
Lab File: VX015797.D  
Acq: 21 Apr 2020 16:16

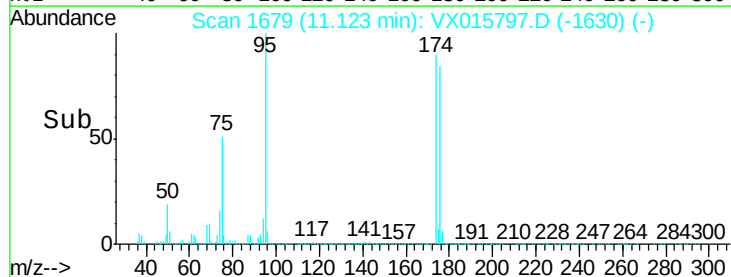
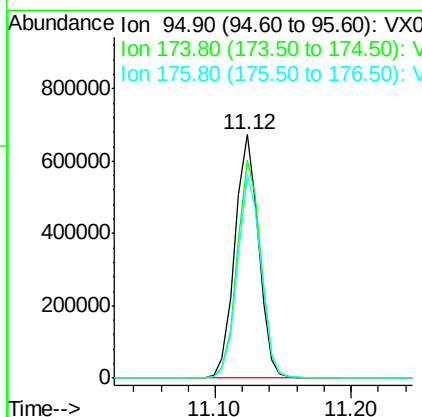
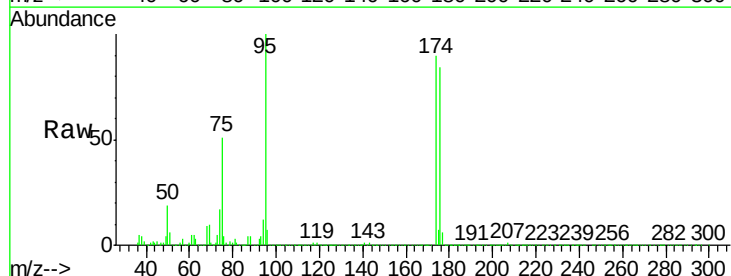
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-4-S

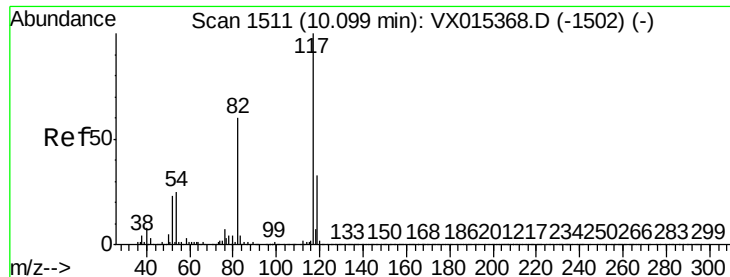
Tot Ion: 98 Resp: 1974490  
Ion Ratio Lower Upper  
98 100  
100 67.2 53.5 80.3



#62  
4-Bromofluorobenzene  
Concen: 52.264 ug/l  
RT: 11.12 min Scan# 1679  
Delta R.T. 0.00 min  
Lab File: VX015797.D  
Acq: 21 Apr 2020 16:16

Tgt Ion: 95 Resp: 815331  
Ion Ratio Lower Upper  
95 100  
174 89.8 0.0 158.6  
176 83.7 0.0 159.0

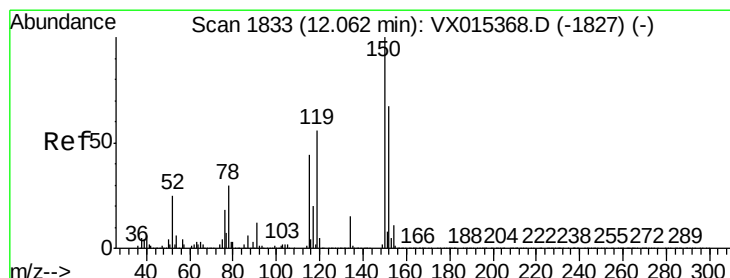
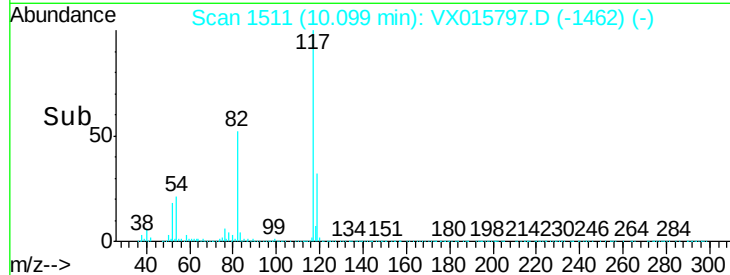
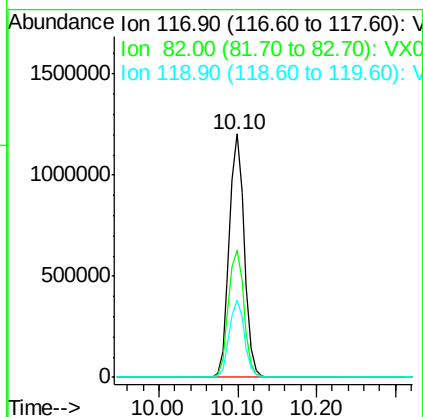
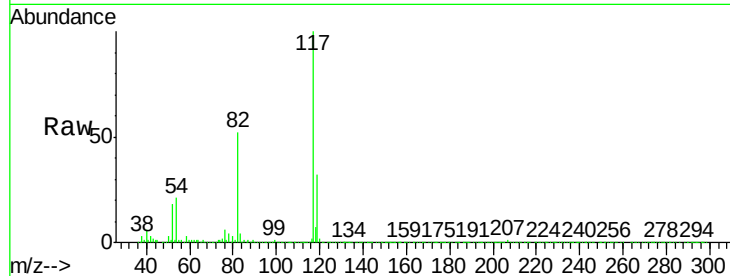




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: VX015797.D  
Acq: 21 Apr 2020 16:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-4-S

Tot Ion:117 Resp: 1600234  
Ion Ratio Lower Upper  
117 100  
82 52.5 47.8 71.8  
119 31.8 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: VX015797.D  
Acq: 21 Apr 2020 16:16

Tgt Ion:152 Resp: 882631  
Ion Ratio Lower Upper  
152 100  
115 56.8 39.0 116.9  
150 161.1 0.0 340.8

