

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040720\  
 Data File : VX015550.D  
 Acq On : 07 Apr 2020 19:48  
 Operator : JC/SP  
 Sample : L2151-07  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MH-J

Quant Time: Apr 08 03:58:14 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

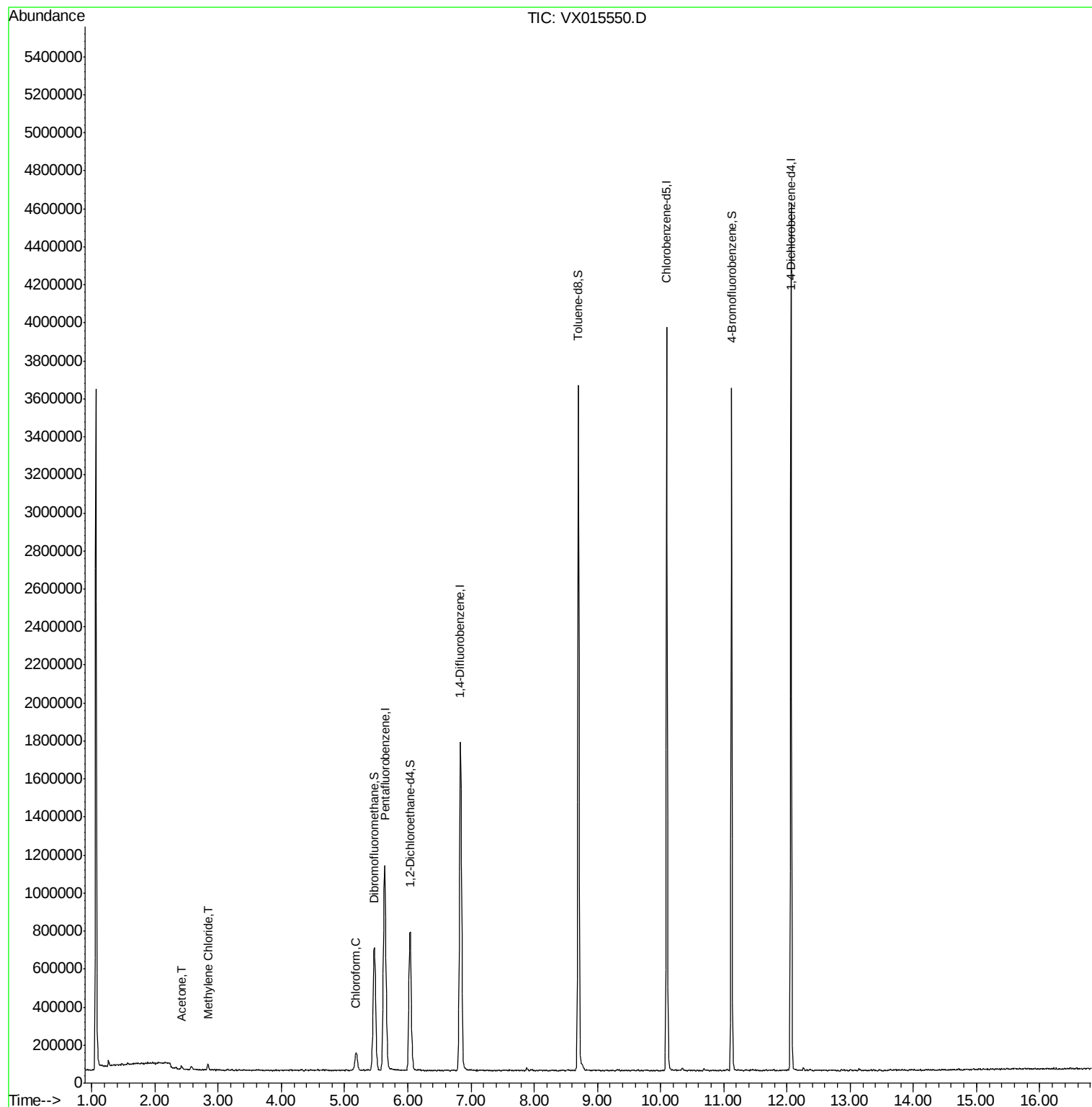
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 1092711  | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 1735697  | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 1691161  | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 905009   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 722821   | 46.90 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 93.80%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 547548   | 49.35 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.70%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 2067218  | 50.61 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.22% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 911452   | 54.90 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 109.80% |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.42  | 43   | 19396    | 2.929 | ug/l #  | 80       |
| 20) Methylene Chloride      | 2.83  | 84   | 14509    | 1.173 | ug/l    | 92       |
| 30) Chloroform              | 5.18  | 83   | 110442   | 5.104 | ug/l    | 99       |

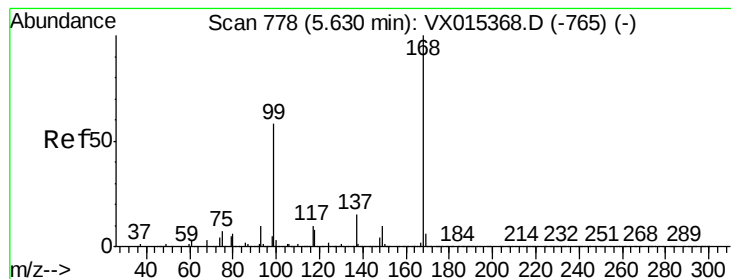
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015550.D

Acq: 07 Apr 2020 19:48

Instrument :

MSVOA\_X

ClientSampleId :

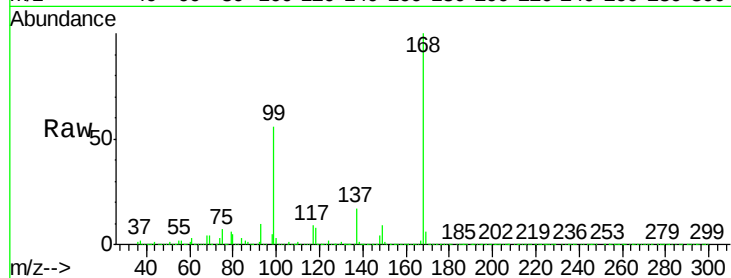
MH-J

Tot Ion:168 Resp: 1092711

Ion Ratio Lower Upper

168 100

99 56.5 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

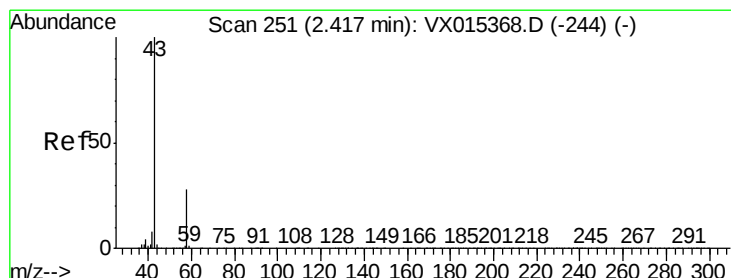
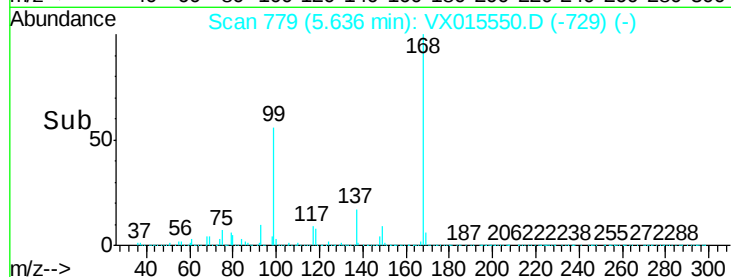
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 2.929 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015550.D

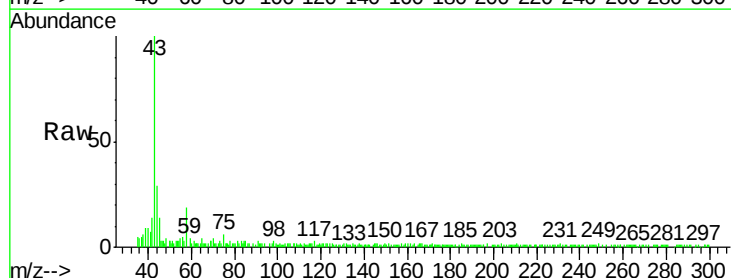
Acq: 07 Apr 2020 19:48

Tgt Ion: 43 Resp: 19396

Ion Ratio Lower Upper

43 100

58 17.1 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

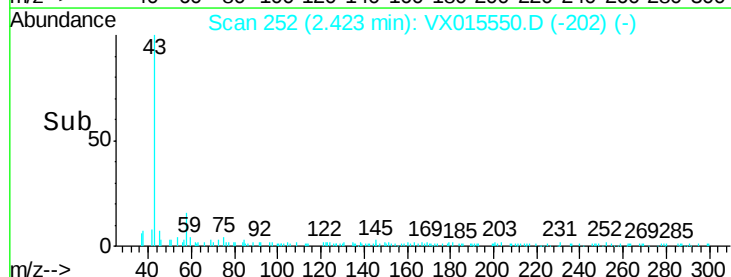
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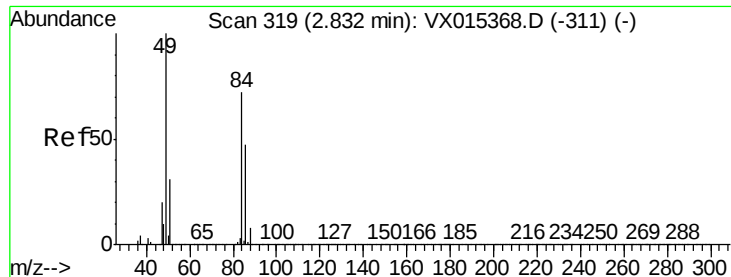
10000

5000

0

Time-->

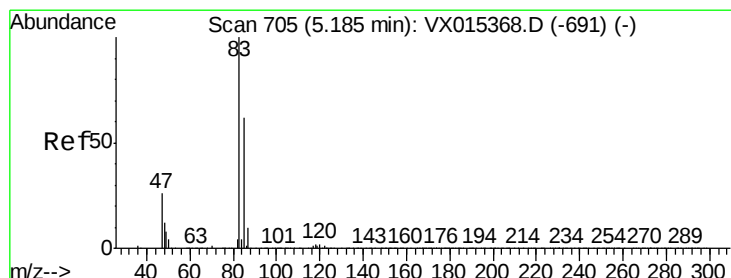
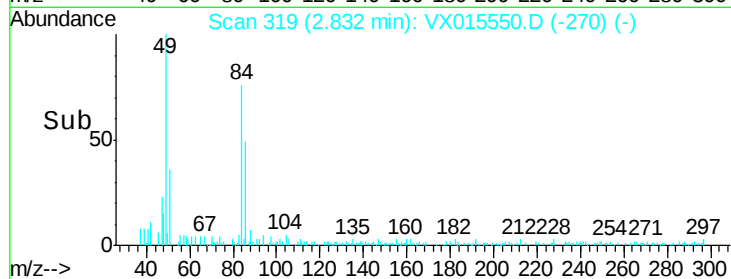
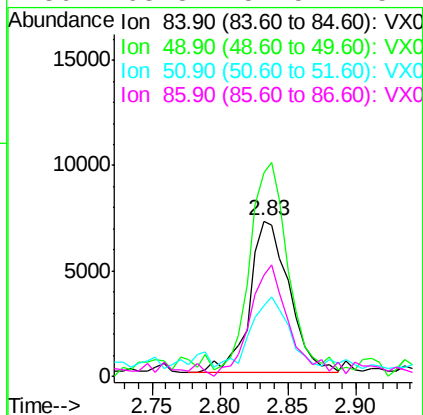
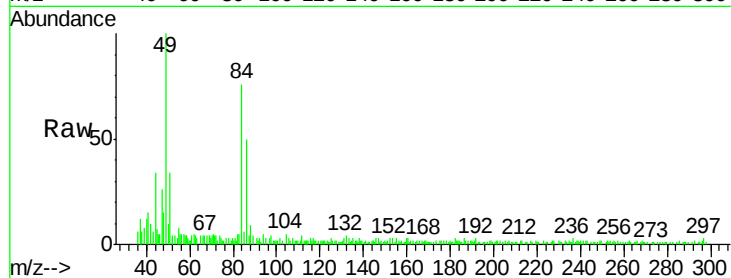




#20  
Methvlene Chloride  
Concen: 1.173 ug/l  
RT: 2.83 min Scan# 319  
Delta R.T. 0.00 min  
Lab File: VX015550.D  
Acq: 07 Apr 2020 19:48

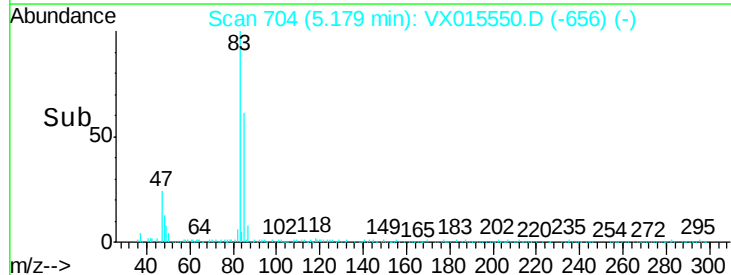
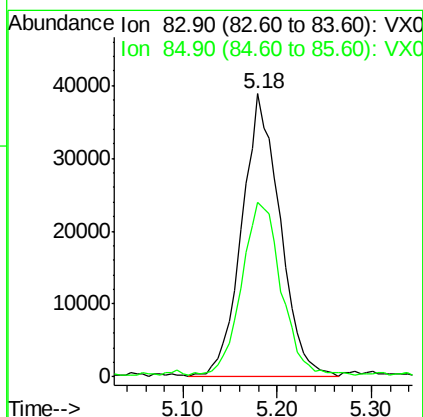
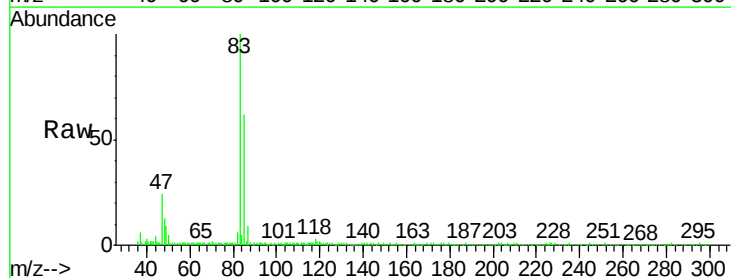
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-J

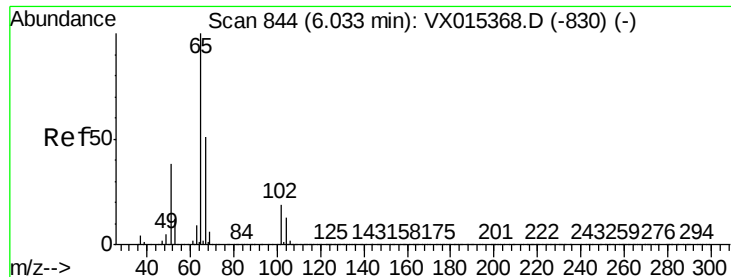
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 14509 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 124.5 | 111.3 | 166.9 |
| 51       | 39.2  | 34.0  | 51.0  |
| 86       | 63.8  | 52.5  | 78.7  |



#30  
Chloroform  
Concen: 5.104 ug/l  
RT: 5.18 min Scan# 704  
Delta R.T. -0.01 min  
Lab File: VX015550.D  
Acq: 07 Apr 2020 19:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 110442 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 60.8  | 49.5  | 74.3   |

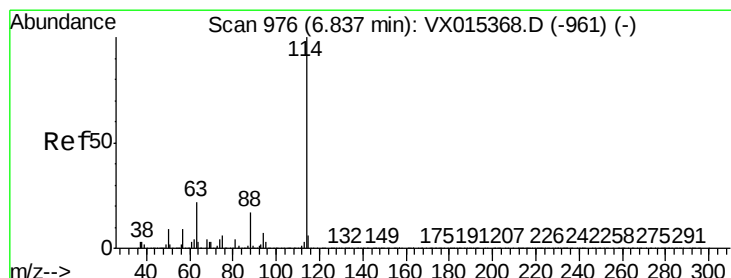
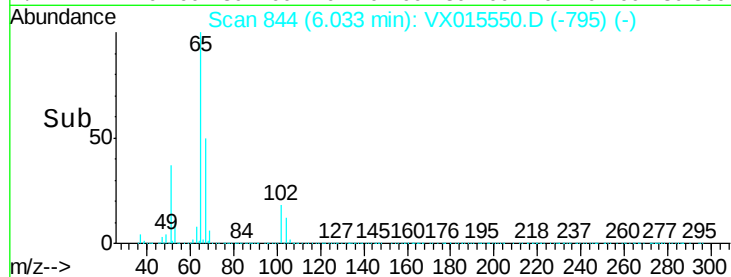
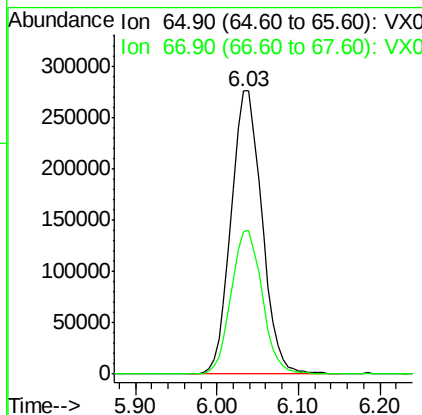
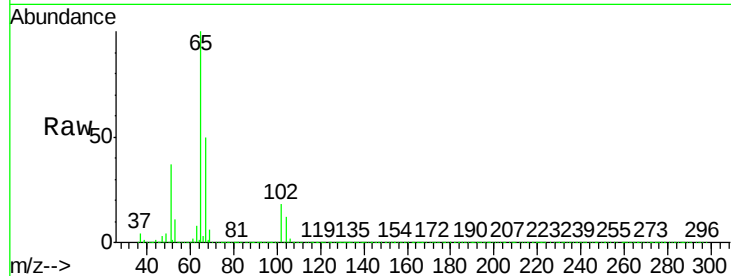




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.901 ug/l  
 RT: 6.03 min Scan# 844  
 Delta R.T. 0.00 min  
 Lab File: VX015550.D  
 Acq: 07 Apr 2020 19:48

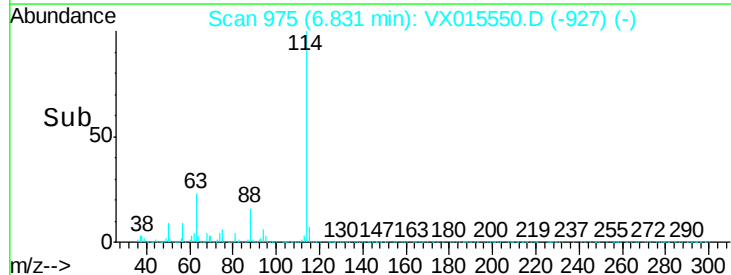
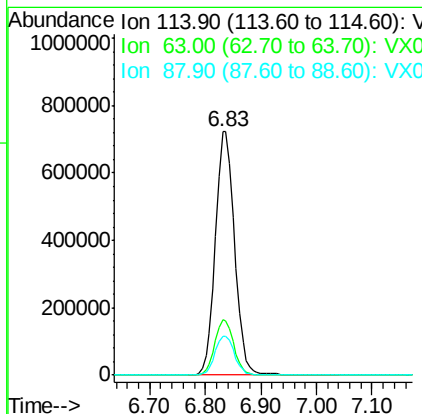
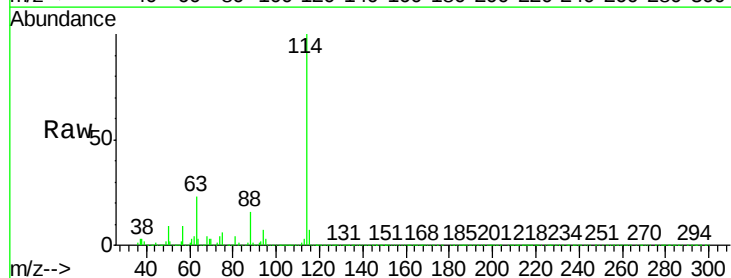
Instrument :  
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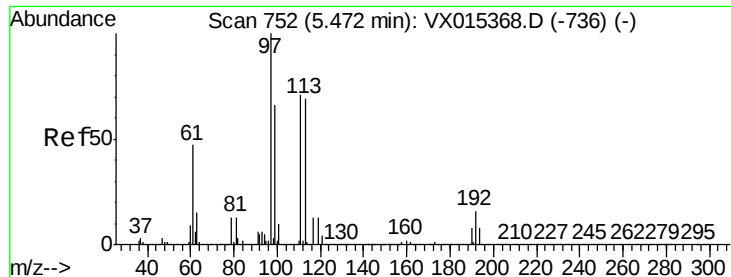
Tot Ion: 65 Resp: 722821  
 Ion Ratio Lower Upper  
 65 100  
 67 50.8 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 975  
 Delta R.T. -0.01 min  
 Lab File: VX015550.D  
 Acq: 07 Apr 2020 19:48

Tgt Ion: 114 Resp: 1735697  
 Ion Ratio Lower Upper  
 114 100  
 63 22.6 0.0 44.2  
 88 16.1 0.0 33.8

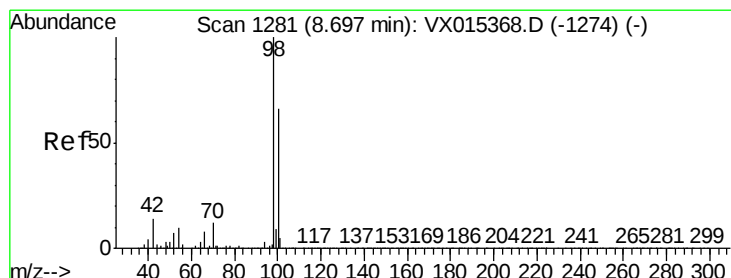
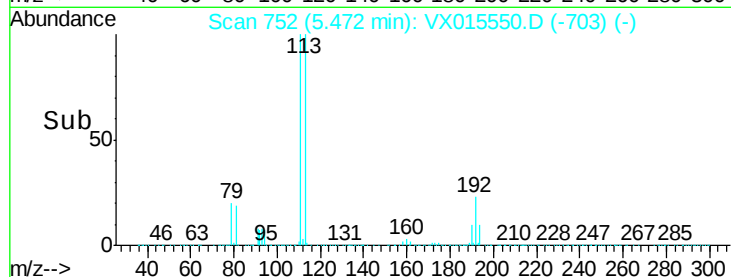
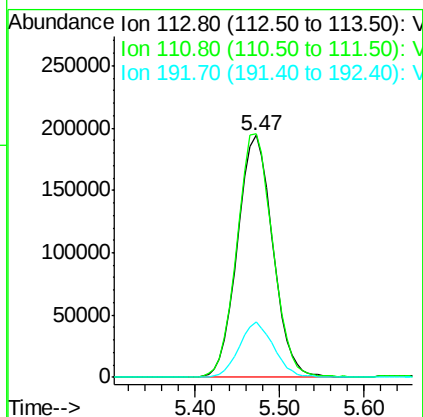
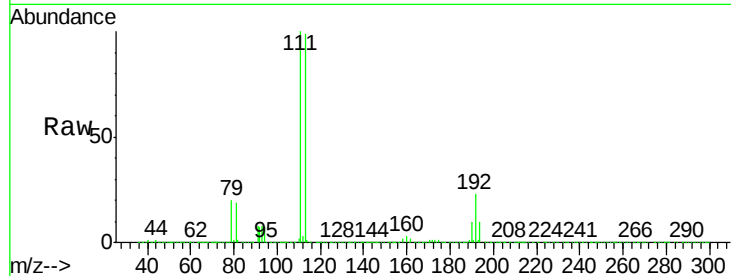




#35  
Dibromofluoromethane  
Concen: 49.351 ug/l  
RT: 5.47 min Scan# 752  
Delta R.T. 0.00 min  
Lab File: VX015550.D  
Acq: 07 Apr 2020 19:48

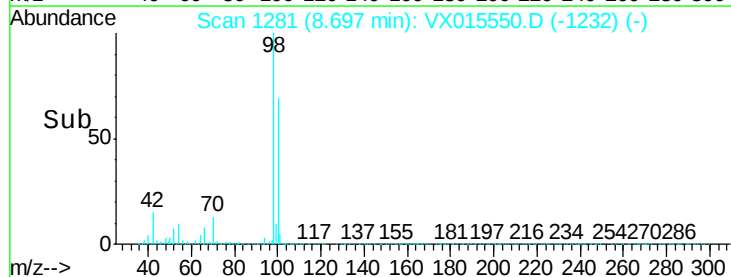
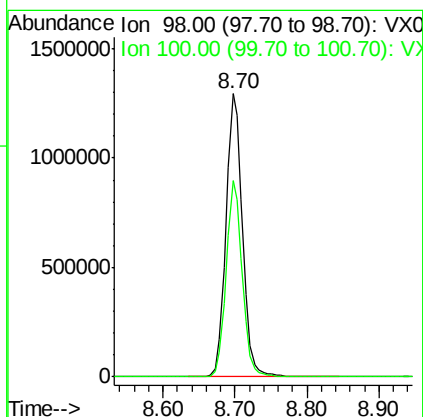
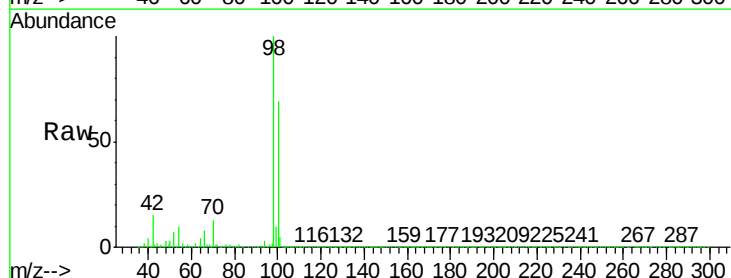
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-J

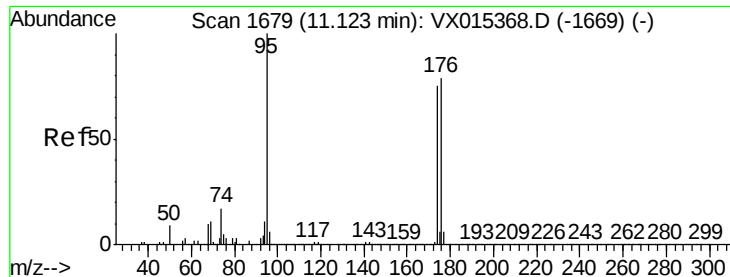
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.0 | 81.5  | 122.3 |
| 192     | 22.7  | 17.8  | 26.6  |



#50  
Toluene-d8  
Concen: 50.606 ug/l  
RT: 8.70 min Scan# 1281  
Delta R.T. 0.00 min  
Lab File: VX015550.D  
Acq: 07 Apr 2020 19:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 67.5  | 53.5  | 80.3  |

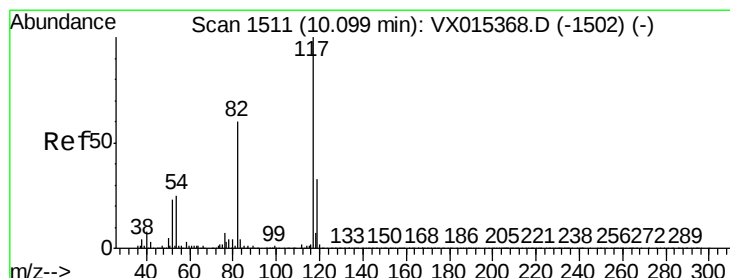
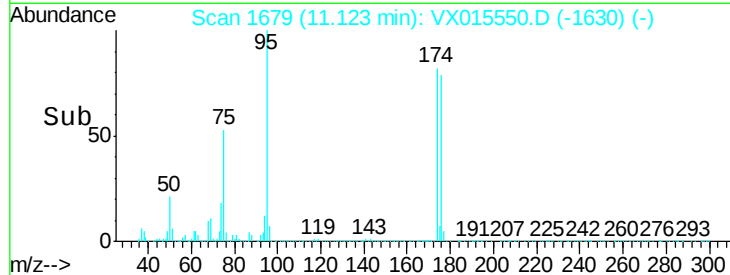
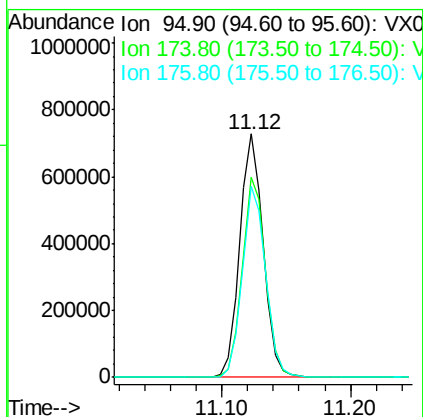
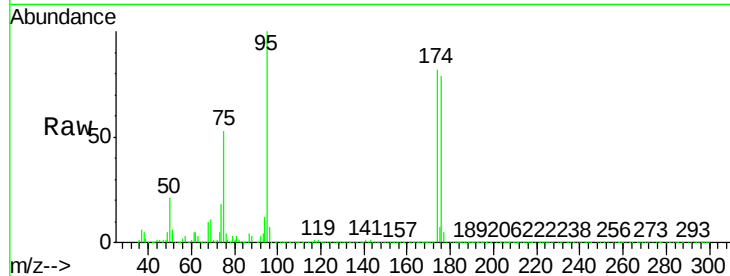




#62  
4-Bromofluorobenzene  
Concen: 54.903 ug/l  
RT: 11.12 min Scan# 1679  
Delta R.T. 0.00 min  
Lab File: VX015550.D  
Acq: 07 Apr 2020 19:48

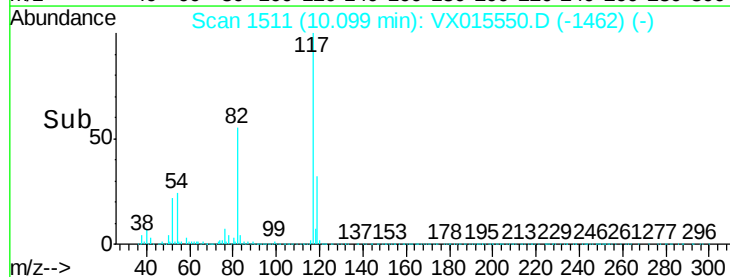
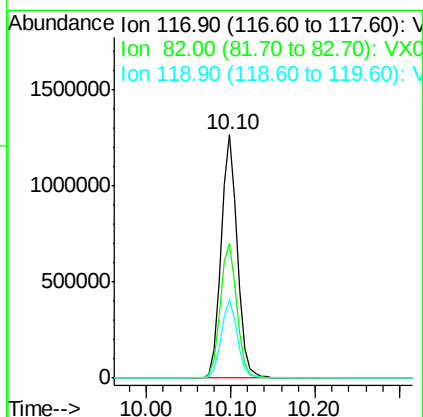
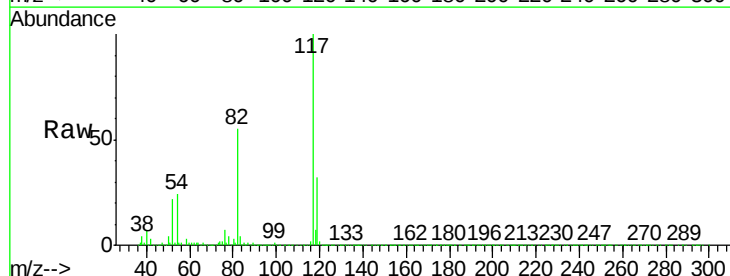
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-J

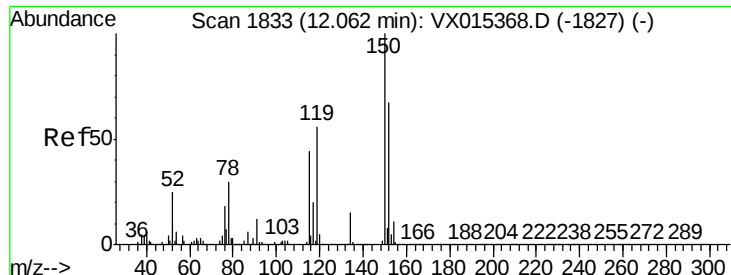
Tot Ion: 95 Resp: 911452  
Ion Ratio Lower Upper  
95 100  
174 81.4 0.0 158.6  
176 78.1 0.0 159.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: VX015550.D  
Acq: 07 Apr 2020 19:48

Tgt Ion: 117 Resp: 1691161  
Ion Ratio Lower Upper  
117 100  
82 55.3 47.8 71.8  
119 32.5 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: VX015550.D

Acq: 07 Apr 2020 19:48

Instrument :

MSVOA\_X

ClientSampleId :

MH-J

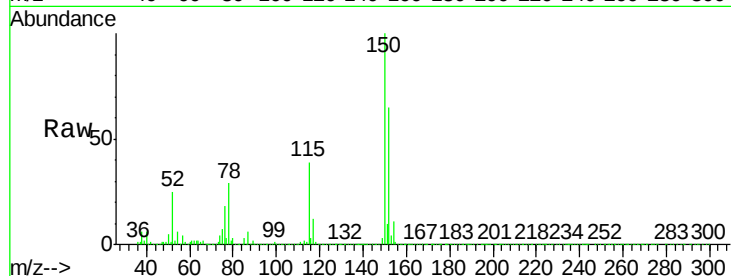
Tot Ion:152 Resp: 905009

Ion Ratio Lower Upper

152 100

115 59.9 39.0 116.9

150 160.1 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

