

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\  
 Data File : VX015824.D  
 Acq On : 22 Apr 2020 03:36  
 Operator : JC/SP  
 Sample : L2356-06  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-13-12-COMP

Quant Time: Apr 22 07:25:00 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

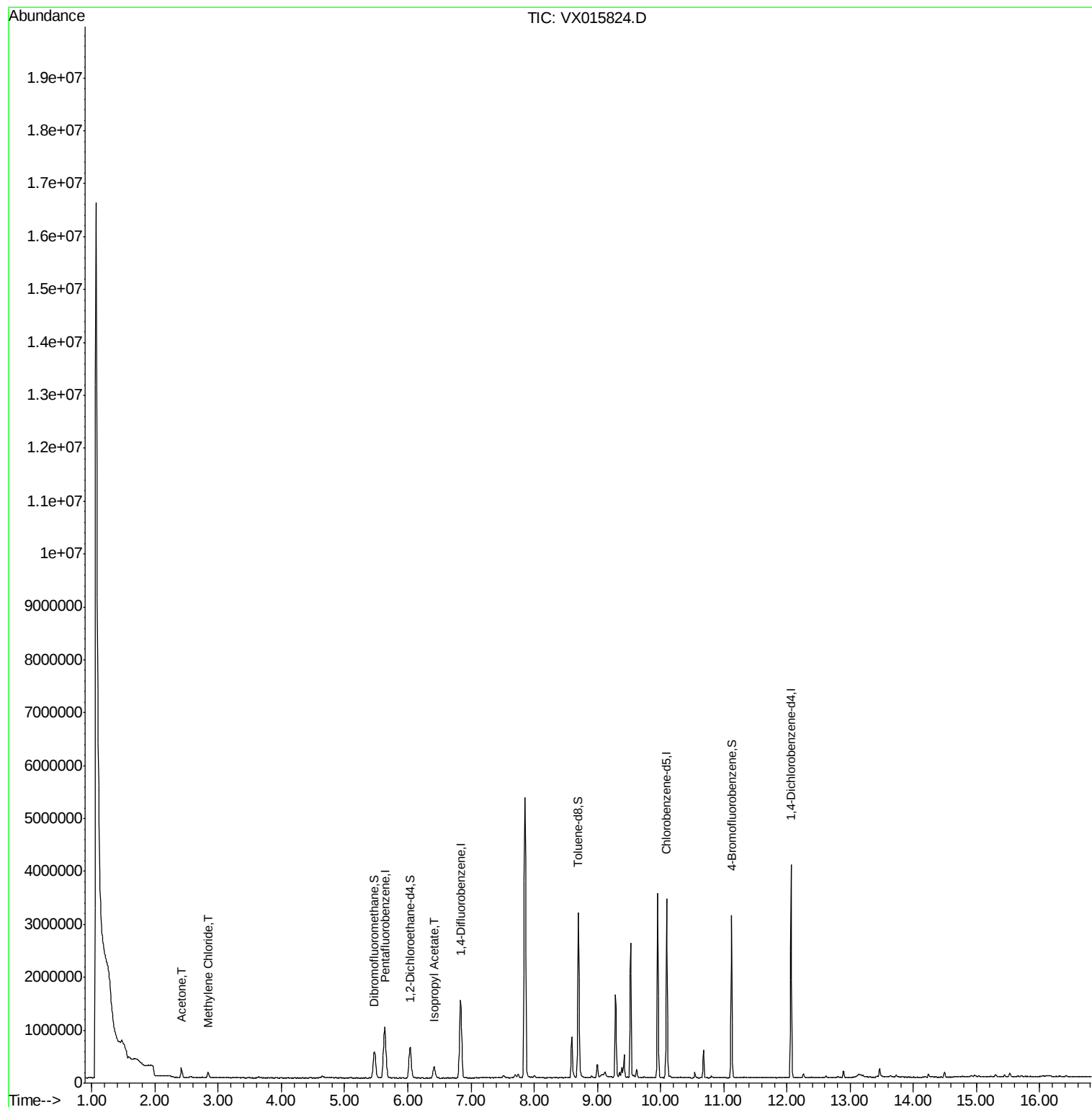
| Internal Standards          | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.64   | 168  | 1000130  | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84   | 114  | 1522144  | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10  | 117  | 1500153  | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06  | 152  | 844343   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04   | 65   | 551091   | 39.07  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 78.14%  |          |
| 35) Dibromofluoromethane    | 5.47   | 113  | 438790   | 45.10  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 90.20%  |          |
| 50) Toluene-d8              | 8.70   | 98   | 1847059  | 51.56  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 103.12% |          |
| 62) 4-Bromofluorobenzene    | 11.12  | 95   | 779505   | 53.54  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 107.08% |          |
| Target Compounds            |        |      |          |        |         |          |
| 16) Acetone                 | 2.42   | 43   | 219299   | 36.187 | ug/l    | 96       |
| 20) Methylene Chloride      | 2.84   | 84   | 47835    | 4.226  | ug/l    | 97       |
| 43) Isopropyl Acetate       | 6.42   | 43   | 313938   | 10.184 | ug/l    | 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



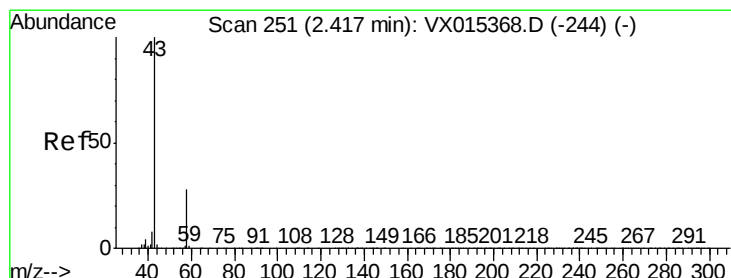
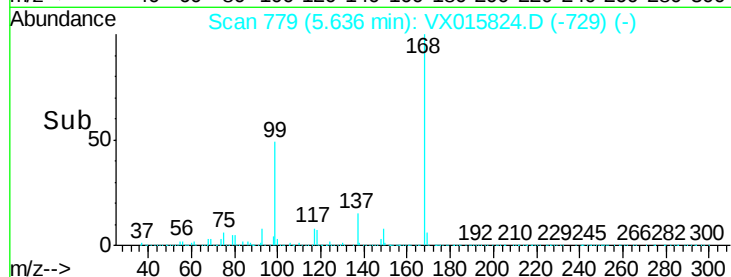
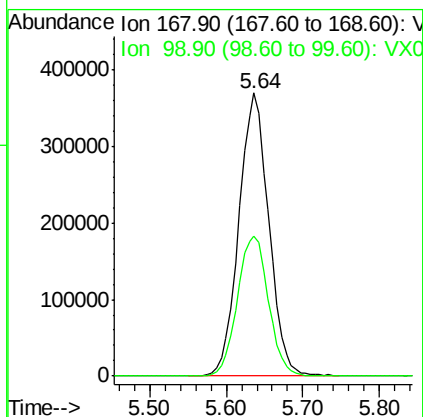
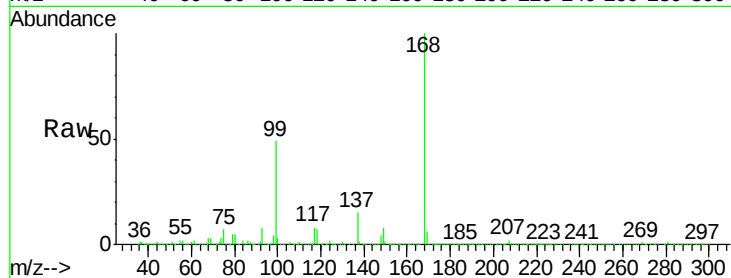


#1

Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.64 min Scan# 779  
 Delta R.T. 0.01 min  
 Lab File: VX015824.D  
 Acq: 22 Apr 2020 03:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-13-12-COMP

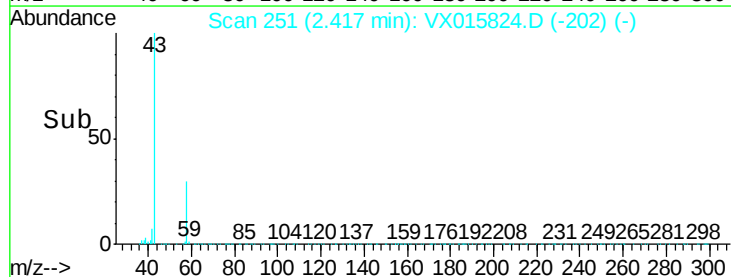
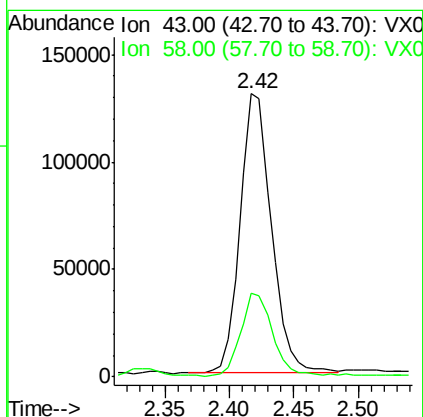
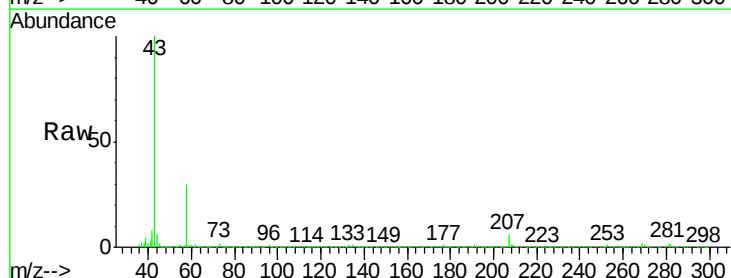
Tot Ion:168 Resp: 1000130  
 Ion Ratio Lower Upper  
 168 100  
 99 49.3 46.4 69.6

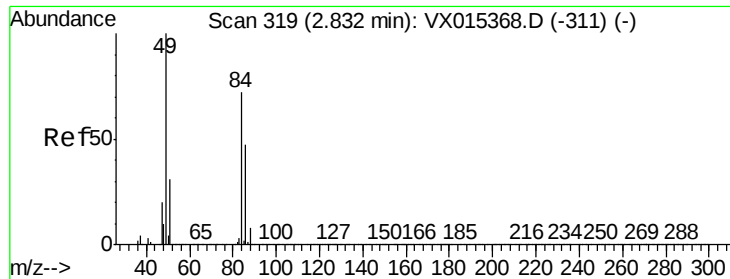


#16

Acetone  
 Concen: 36.187 ug/l  
 RT: 2.42 min Scan# 251  
 Delta R.T. -0.00 min  
 Lab File: VX015824.D  
 Acq: 22 Apr 2020 03:36

Tgt Ion: 43 Resp: 219299  
 Ion Ratio Lower Upper  
 43 100  
 58 29.4 22.1 33.1

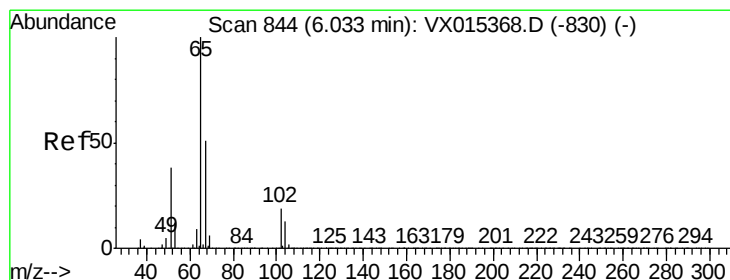
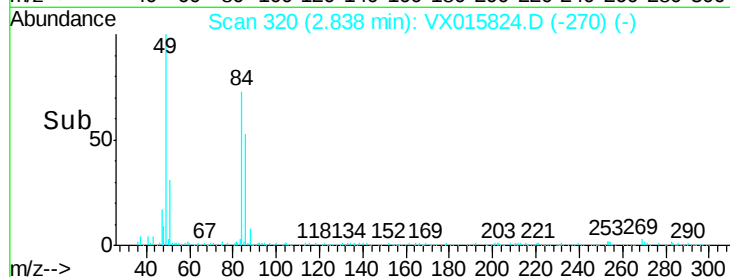
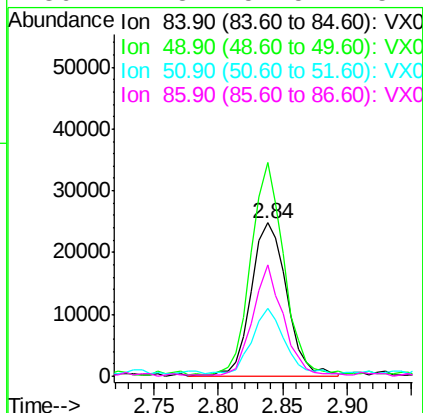
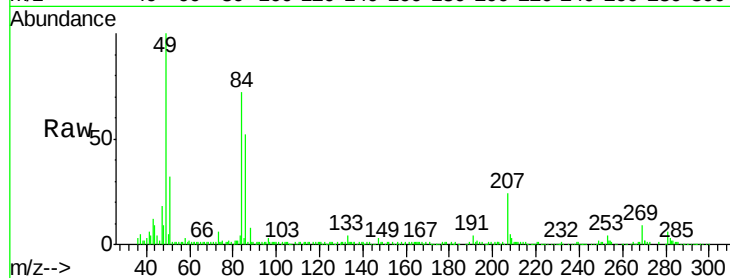




#20  
Methvlene Chloride  
Concen: 4.226 ug/l  
RT: 2.84 min Scan# 320  
Delta R.T. 0.01 min  
Lab File: VX015824.D  
Acq: 22 Apr 2020 03:36

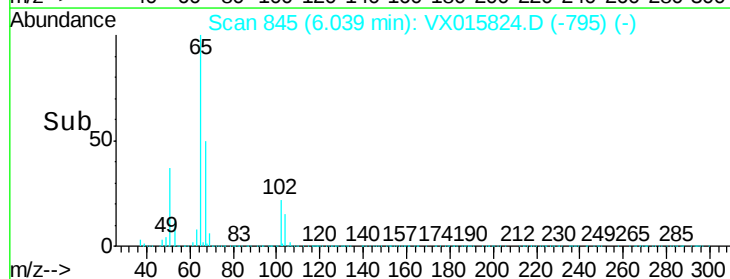
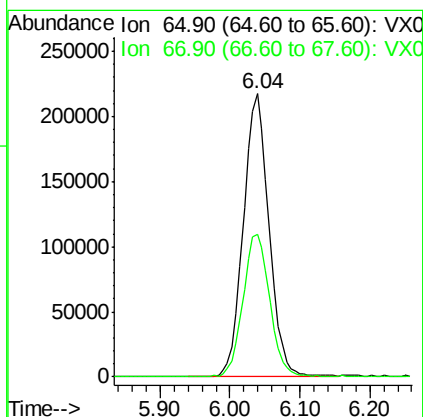
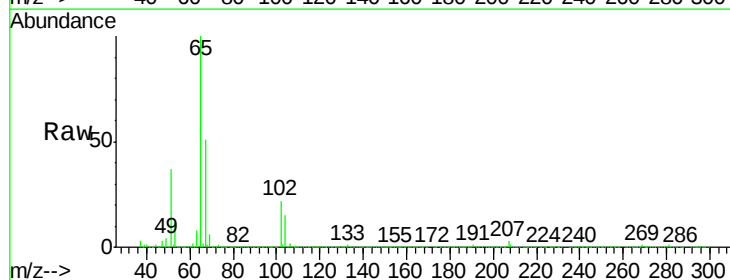
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-13-12-COMP

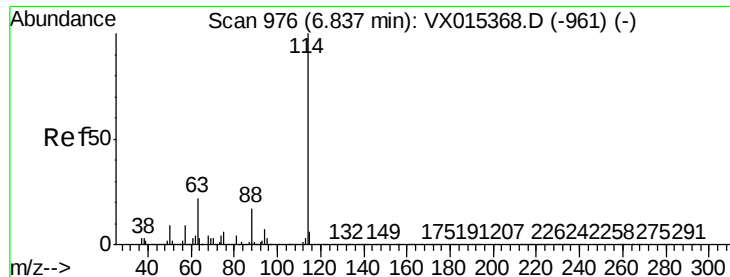
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 47835 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 138.3 | 111.3 | 166.9 |
| 51       | 42.7  | 34.0  | 51.0  |
| 86       | 71.8  | 52.5  | 78.7  |



#33  
1,2-Dichloroethane-d4  
Concen: 39.069 ug/l  
RT: 6.04 min Scan# 845  
Delta R.T. 0.01 min  
Lab File: VX015824.D  
Acq: 22 Apr 2020 03:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 551091 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 52.1  | 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: VX015824.D

Acq: 22 Apr 2020 03:36

Instrument :

MSVOA\_X

ClientSampleId :

TP-13-12-COMP

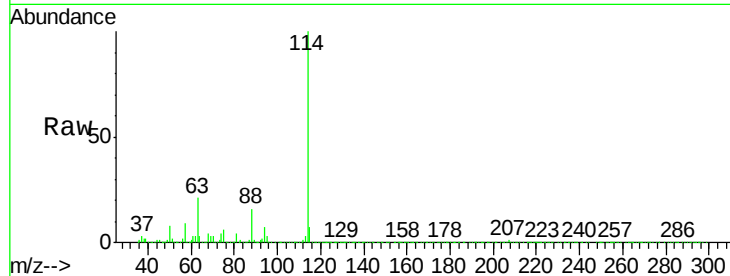
Tot Ion:114 Resp: 1522144

Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.2

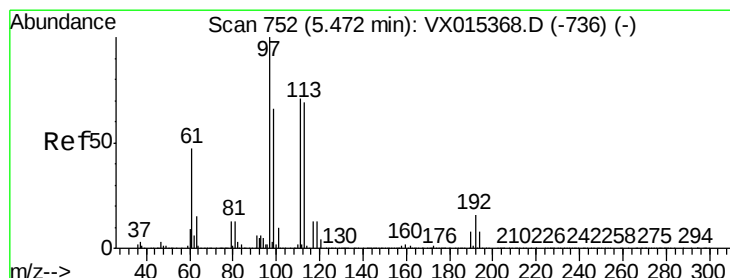
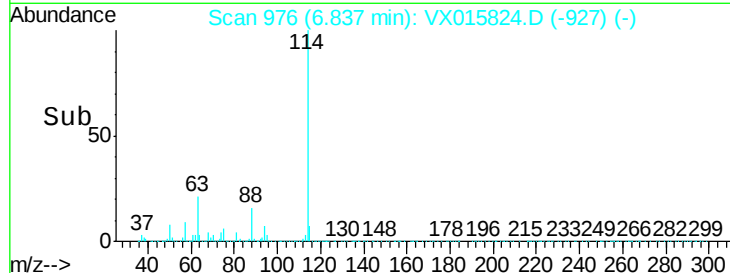
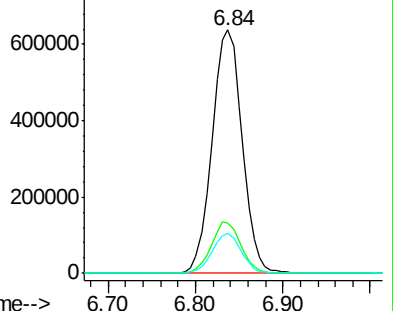
88 16.4 0.0 33.8



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: 45.097 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015824.D

Acq: 22 Apr 2020 03:36

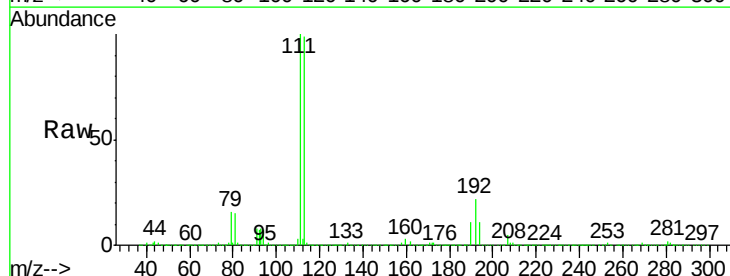
Tgt Ion:113 Resp: 438790

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

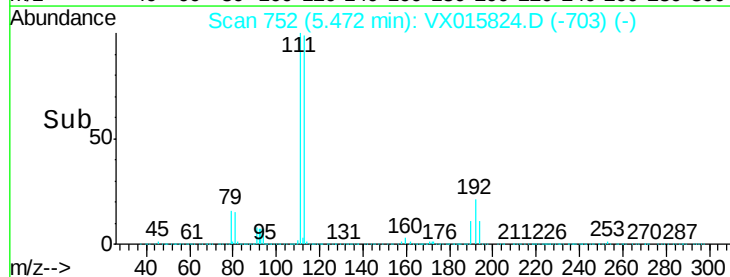
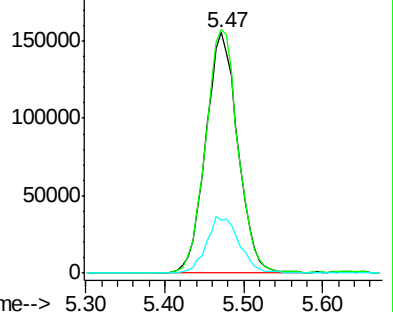
192 23.2 17.8 26.6

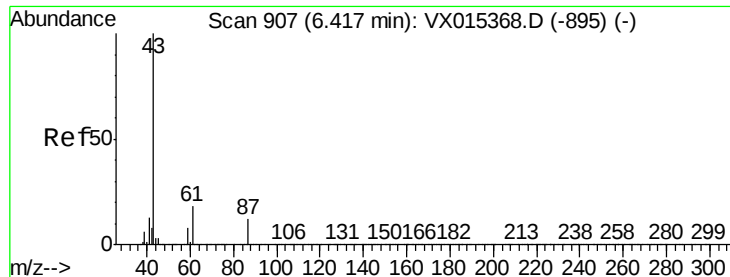


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



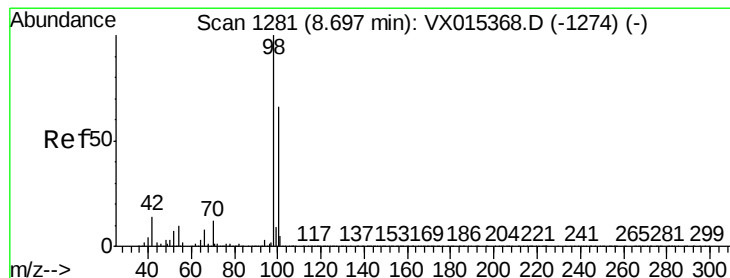
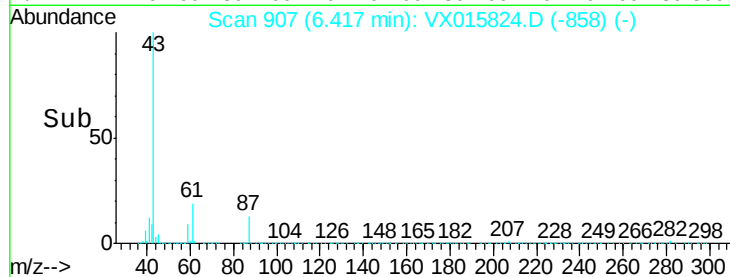
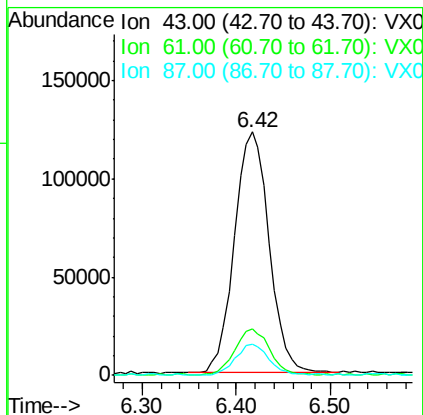
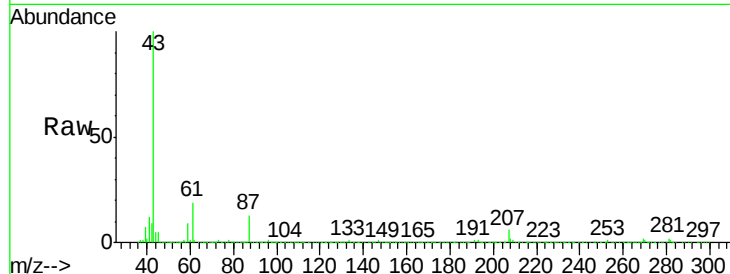


#43

Isopropyl Acetate  
 Concen: 10.184 ug/l  
 RT: 6.42 min Scan# 907  
 Delta R.T. -0.00 min  
 Lab File: VX015824.D  
 Acq: 22 Apr 2020 03:36

Instrument :  
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 ClientSampleId :  
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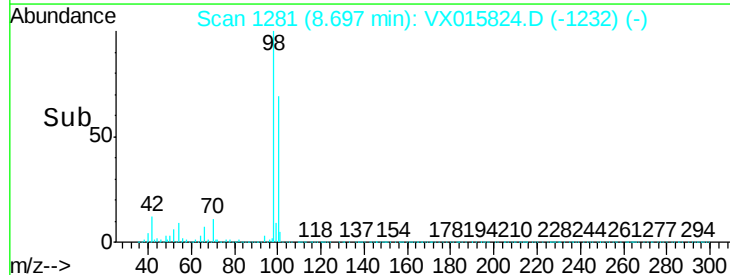
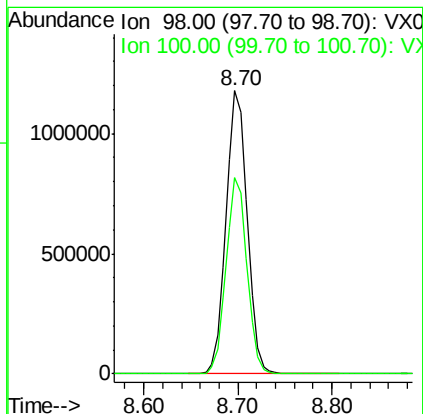
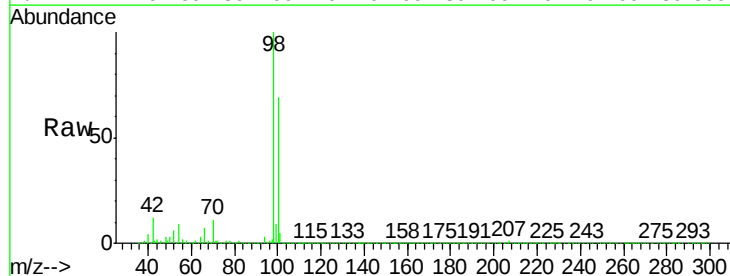
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.2  | 14.8  | 22.2  |
| 87      | 12.4  | 9.4   | 14.0  |

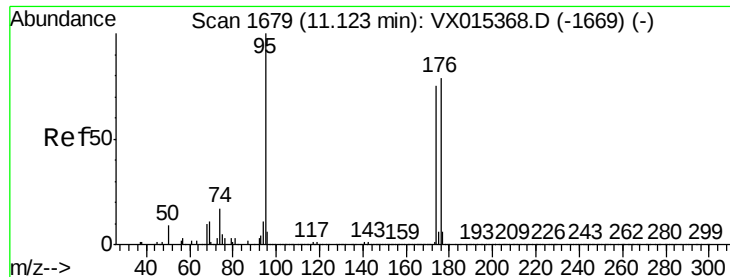


#50

Toluene-d8  
 Concen: 51.561 ug/l  
 RT: 8.70 min Scan# 1281  
 Delta R.T. -0.00 min  
 Lab File: VX015824.D  
 Acq: 22 Apr 2020 03:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 68.2  | 53.5  | 80.3  |

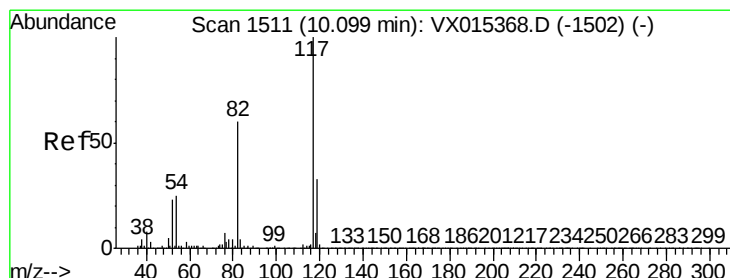
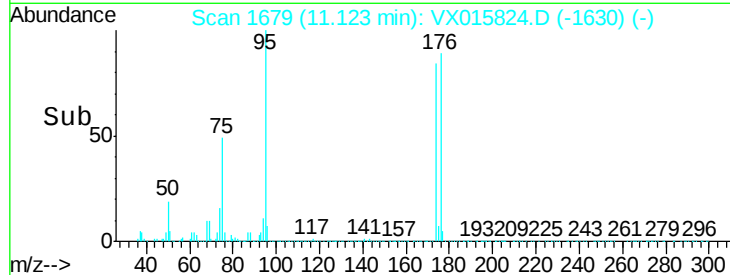
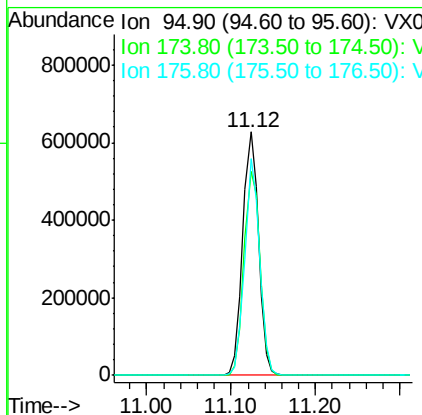
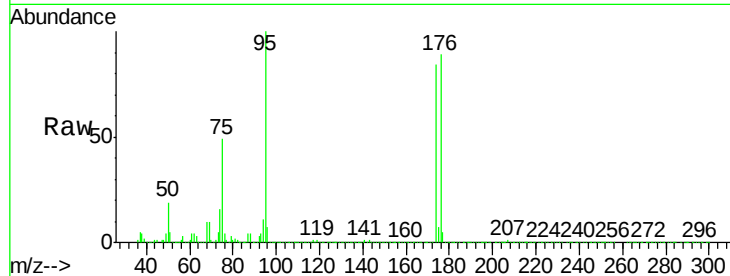




#62  
4-Bromofluorobenzene  
Concen: 53.543 ug/l  
RT: 11.12 min Scan# 1679  
Delta R.T. -0.00 min  
Lab File: VX015824.D  
Acq: 22 Apr 2020 03:36

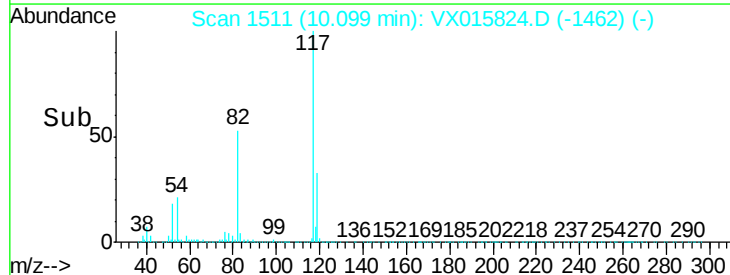
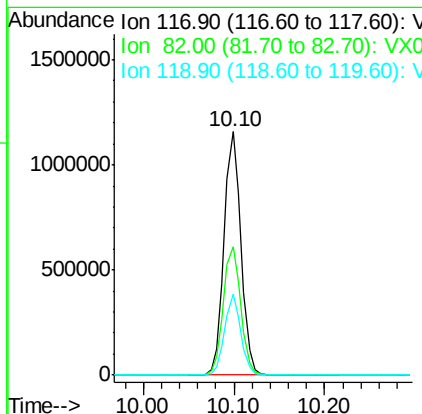
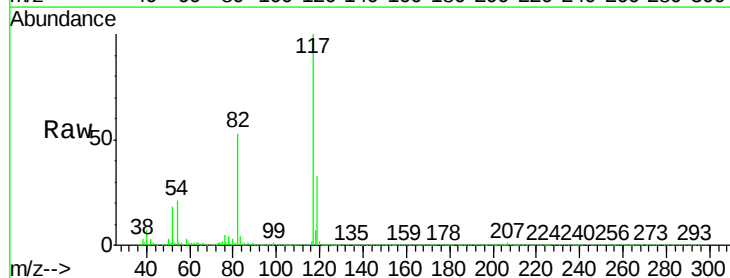
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-13-12-COMP

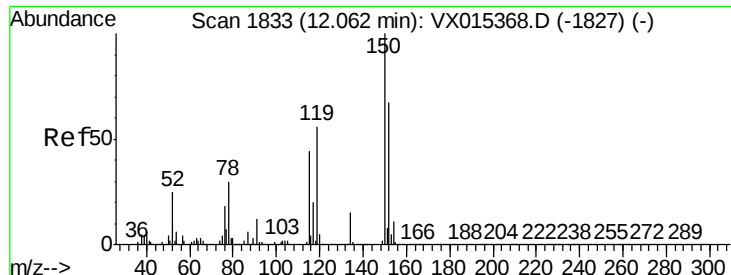
Tot Ion: 95 Resp: 779505  
Ion Ratio Lower Upper  
95 100  
174 85.3 0.0 158.6  
176 84.1 0.0 159.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. -0.00 min  
Lab File: VX015824.D  
Acq: 22 Apr 2020 03:36

Tgt Ion: 117 Resp: 1500153  
Ion Ratio Lower Upper  
117 100  
82 52.9 47.8 71.8  
119 33.2 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: VX015824.D

Acq: 22 Apr 2020 03:36

Instrument :

MSVOA\_X

ClientSampleId :

TP-13-12-COMP

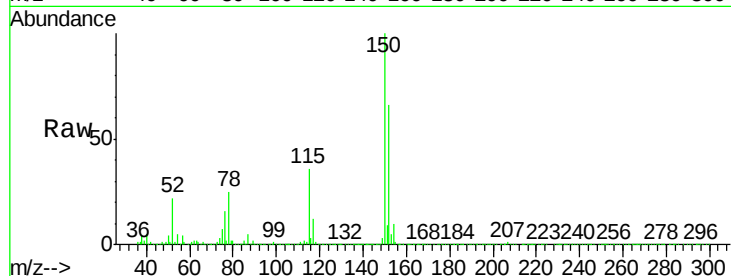
Tot Ion:152 Resp: 844343

Ion Ratio Lower Upper

152 100

115 55.6 39.0 116.9

150 155.4 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

