

Data File : VU024879.D  
Acq On : 25 Jun 2018 16:56  
Operator : MD/SY  
Sample : J3617-01ME  
Misc : 5.49g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
F3-58-SRI3ME

Quant Time: Jul 03 04:48:52 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U061318W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 13 13:55:26 2018  
Response via : Initial Calibration

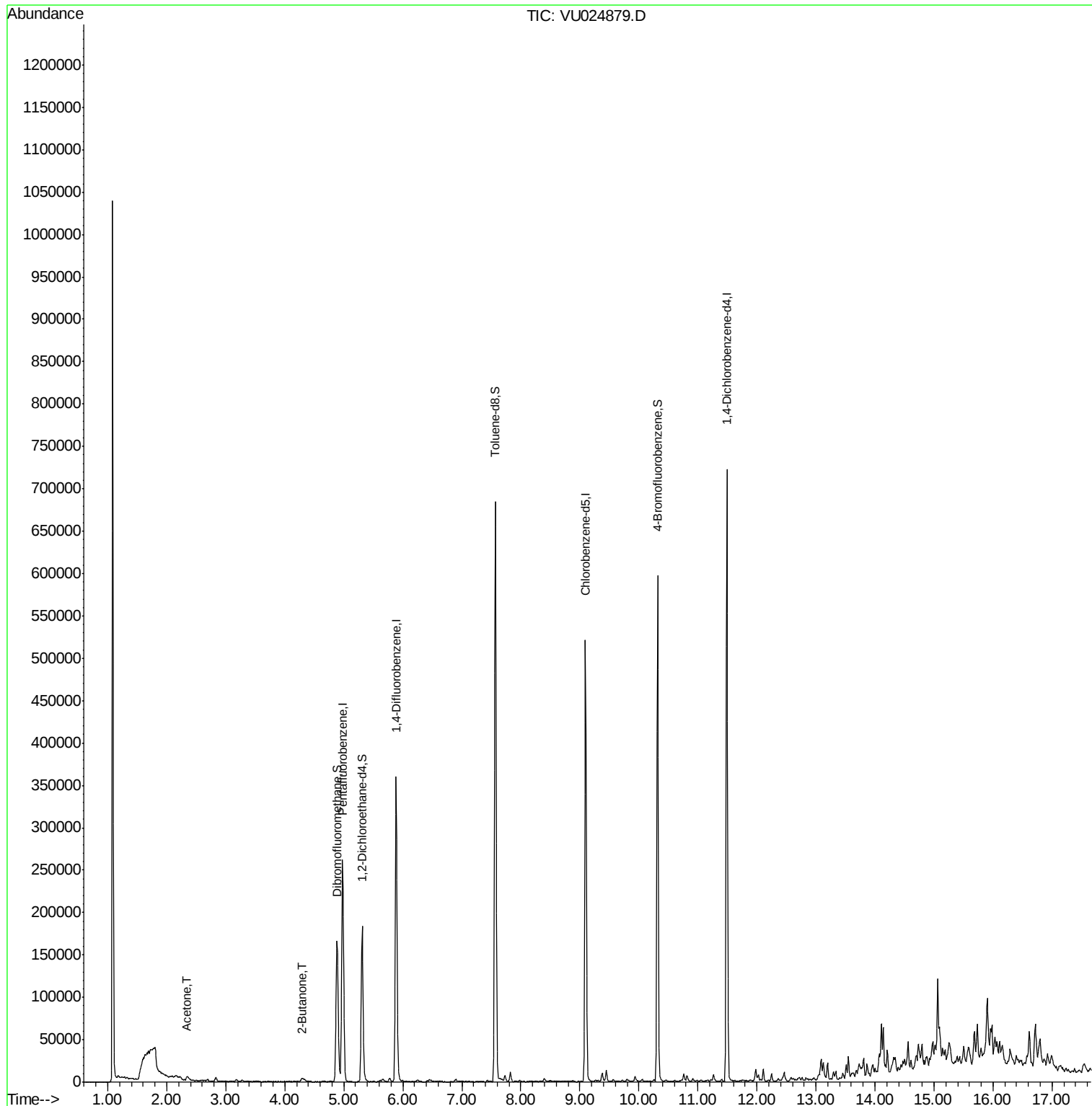
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 4.98  | 168  | 209034   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.89  | 114  | 320007   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.09  | 117  | 310701   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.49 | 152  | 185740   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 157962   | 46.29 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.58%  |          |
| 35) Dibromofluoromethane    | 4.89  | 113  | 125264   | 47.17 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.34%  |          |
| 50) Toluene-d8              | 7.57  | 98   | 468313   | 48.34 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.68%  |          |
| 62) 4-Bromofluorobenzene    | 10.32 | 95   | 195986   | 50.95 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.90% |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.35  | 43   | 8192     | 4.468 | ug/l    | 95       |
| 25) 2-Butanone              | 4.30  | 43   | 8496     | 3.450 | ug/l    | 98       |

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

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MSVOA\_U

ClientSampleId :

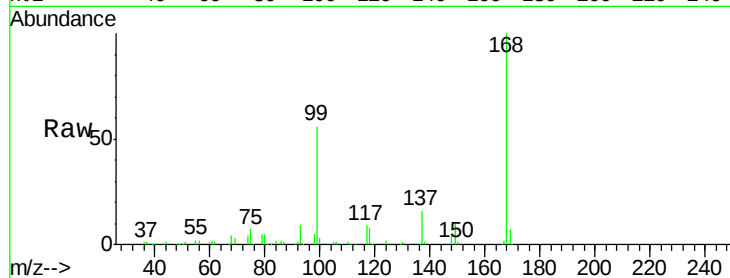
F3-58-SRI3ME

Tgt Ion:168 Resp: 209034

Ion Ratio Lower Upper

168 100

99 56.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024879.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024879.D (-1275) (-)

4.98

80000

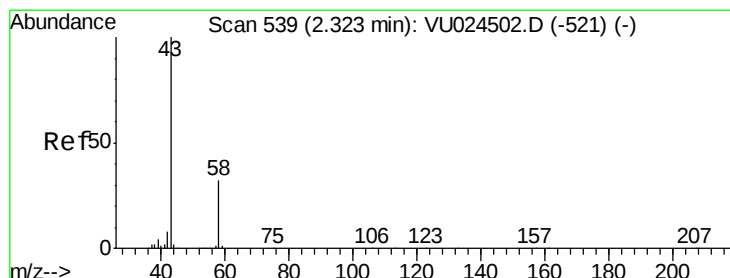
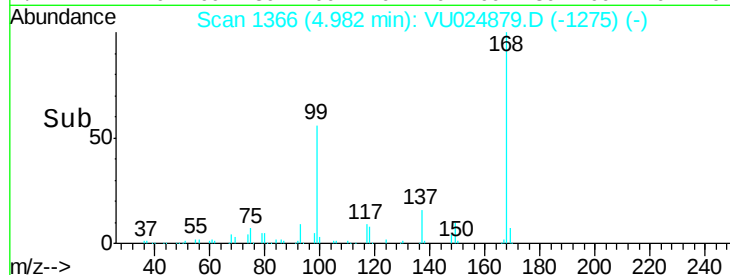
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.468 ug/l

RT: 2.35 min Scan# 547

Delta R.T. 0.03 min

Lab File: VU024879.D

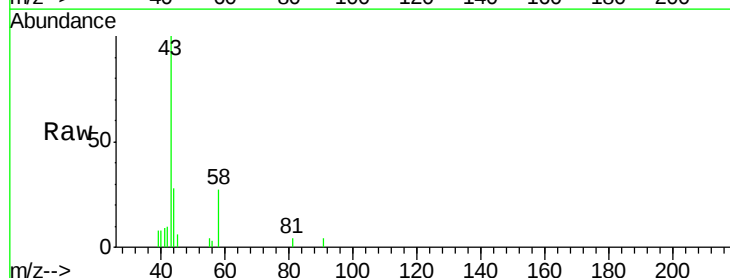
Acq: 25 Jun 2018 16:56

Tgt Ion: 43 Resp: 8192

Ion Ratio Lower Upper

43 100

58 27.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024879.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024879.D (-446) (-)

2.35

4000

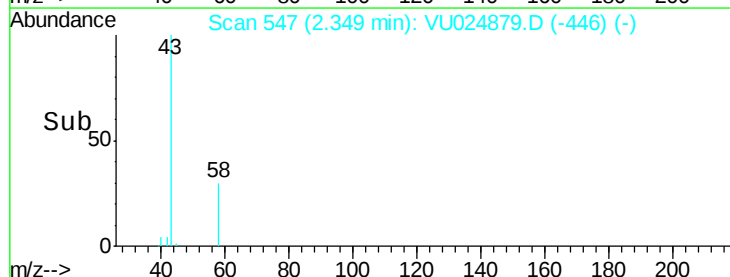
3000

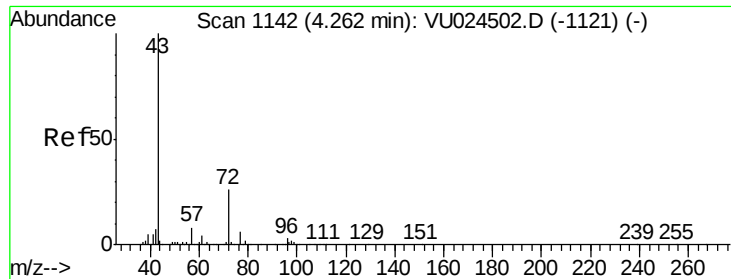
2000

1000

0

Time-->

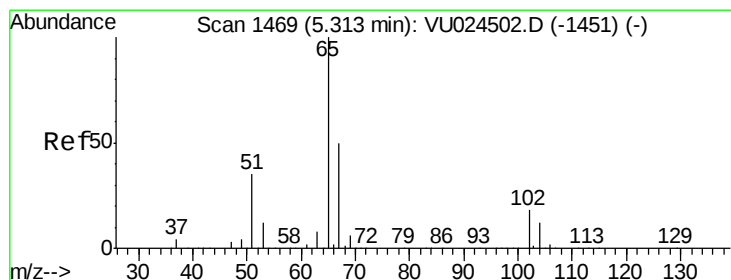
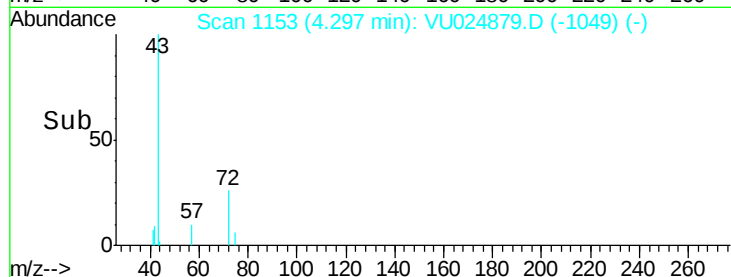
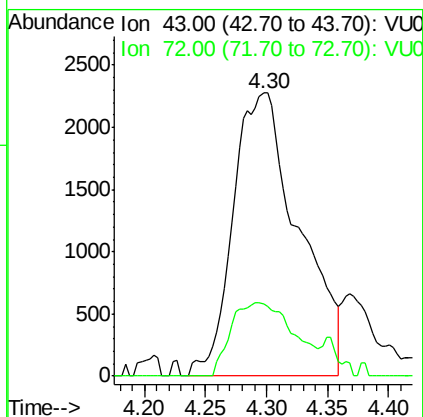
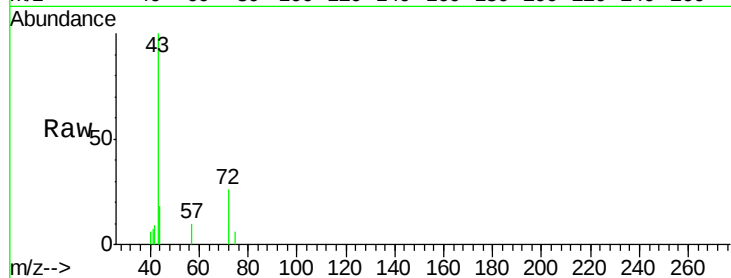




#25  
 2-Butanone  
 Concen: 3.450 ug/l  
 RT: 4.30 min Scan# 1153  
 Delta R.T. 0.04 min  
 Lab File: VU024879.D  
 Acq: 25 Jun 2018 16:56

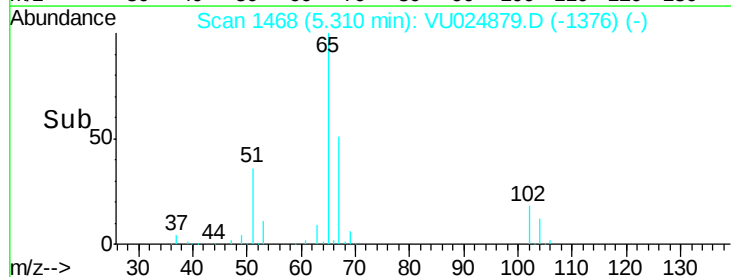
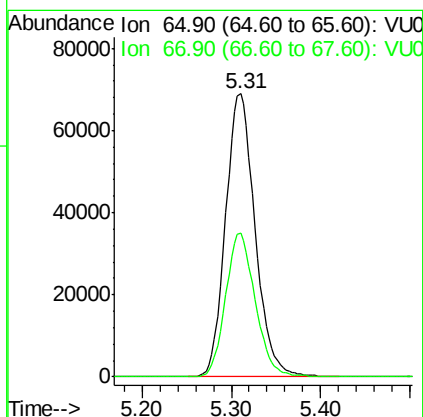
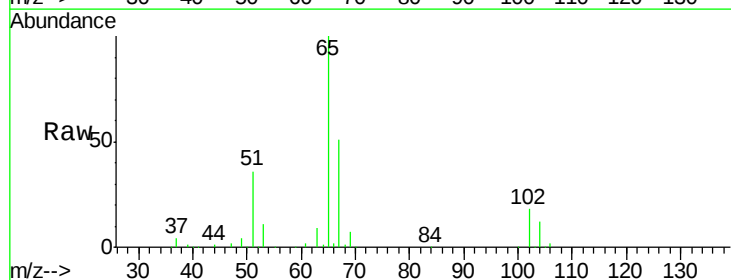
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F3-58-SRI3ME

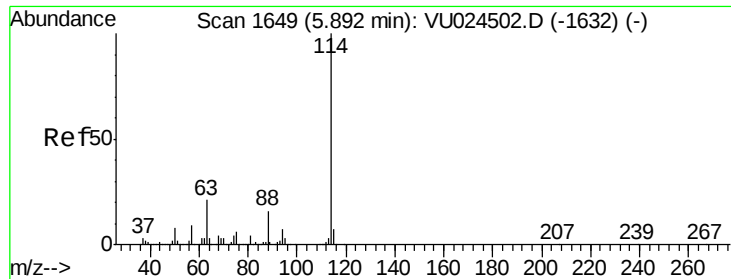
Tgt Ion: 43 Resp: 8496  
 Ion Ratio Lower Upper  
 43 100  
 72 25.7 19.6 29.4



#33  
 1,2-Dichloroethane-d4  
 Concen: 46.289 ug/l  
 RT: 5.31 min Scan# 1468  
 Delta R.T. -0.00 min  
 Lab File: VU024879.D  
 Acq: 25 Jun 2018 16:56

Tgt Ion: 65 Resp: 157962  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 107.0

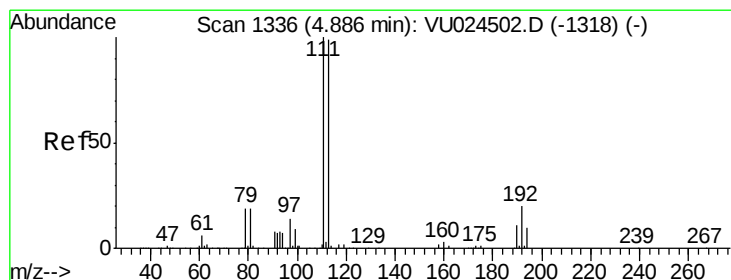
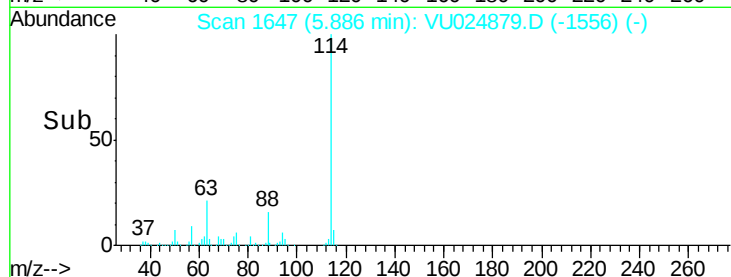
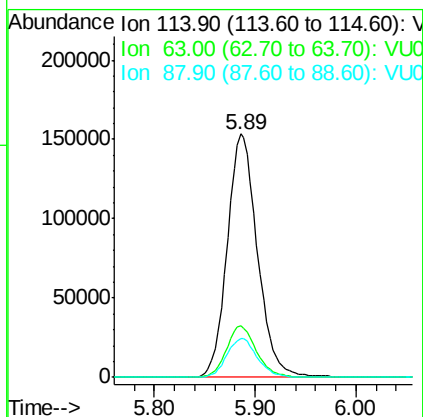
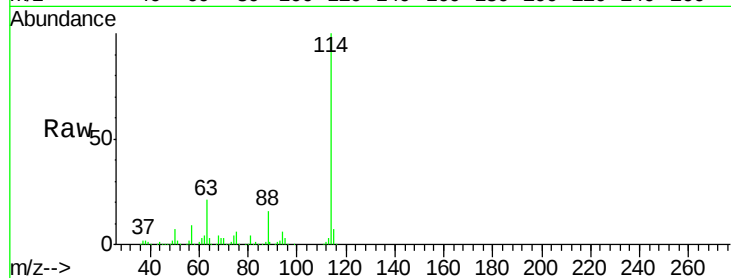




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.89 min Scan# 1647  
 Delta R.T. -0.01 min  
 Lab File: VU024879.D  
 Acq: 25 Jun 2018 16:56

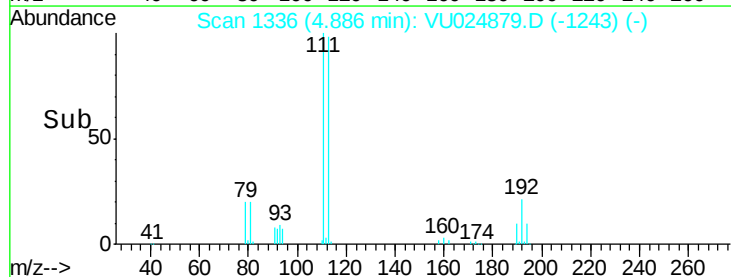
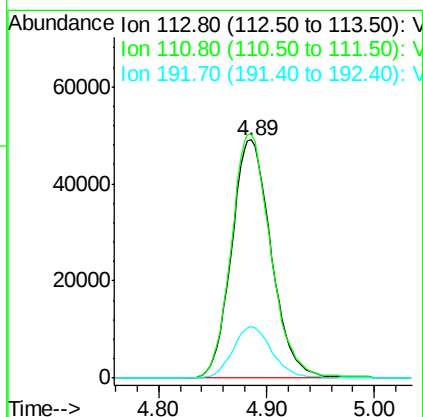
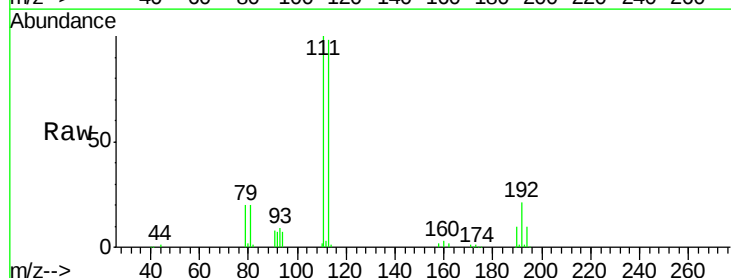
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F3-58-SRI3ME

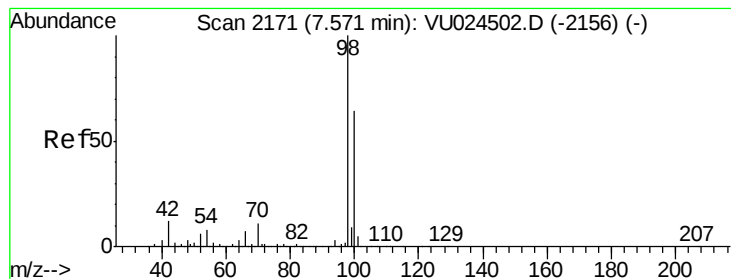
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 320007 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 21.0  | 0.0   | 45.4   |
| 88       | 15.7  | 0.0   | 31.0   |



#35  
 Dibromofluoromethane  
 Concen: 47.166 ug/l  
 RT: 4.89 min Scan# 1336  
 Delta R.T. 0.00 min  
 Lab File: VU024879.D  
 Acq: 25 Jun 2018 16:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 125264 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 102.0 | 82.2  | 123.4  |
| 192      | 21.4  | 16.2  | 24.4   |





#50

Toluene-d8

Concen: 48.343 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024879.D

Acq: 25 Jun 2018 16:56

Instrument :

MSVOA\_U

ClientSampleId :

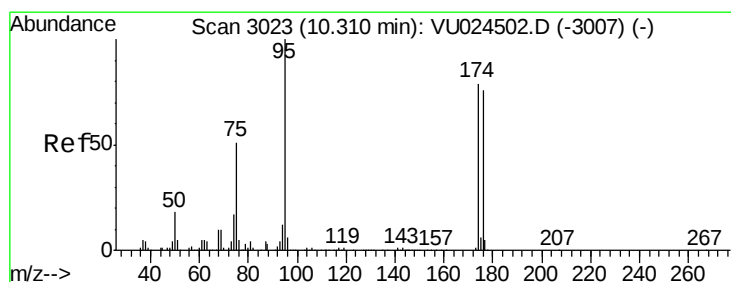
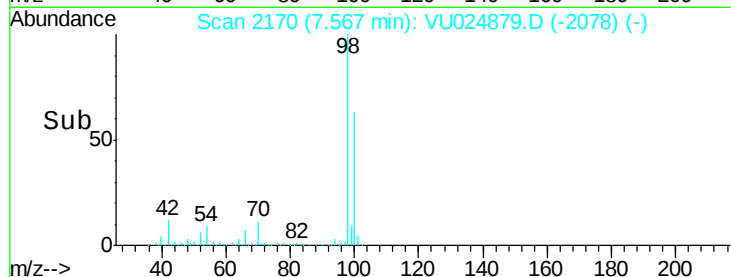
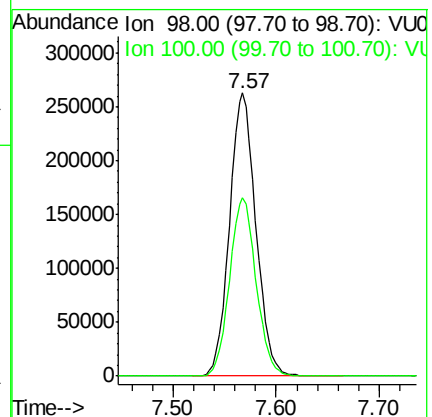
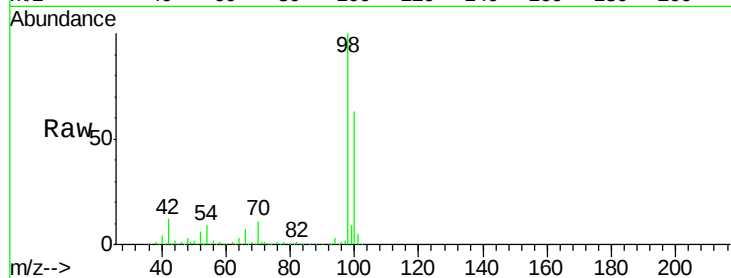
F3-58-SRI3ME

Tgt Ion: 98 Resp: 468313

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 50.955 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU024879.D

Acq: 25 Jun 2018 16:56

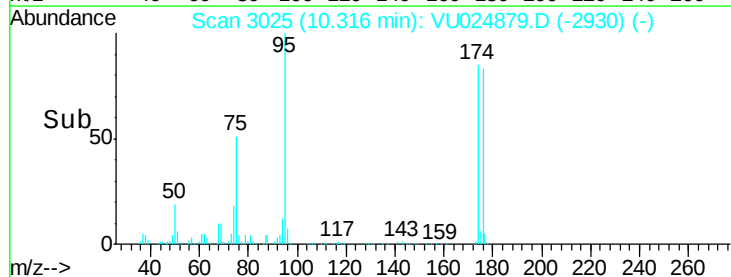
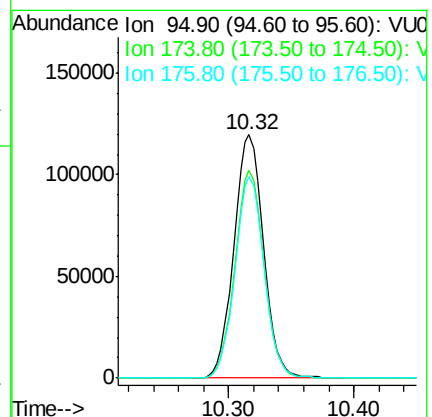
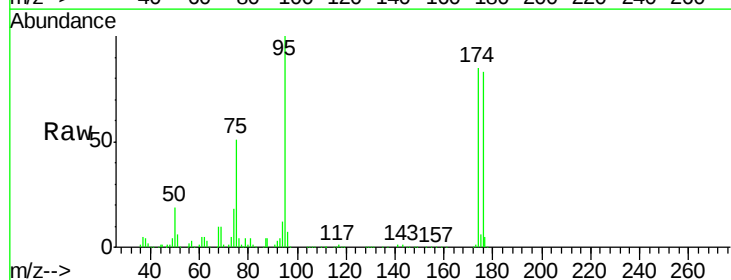
Tgt Ion: 95 Resp: 195986

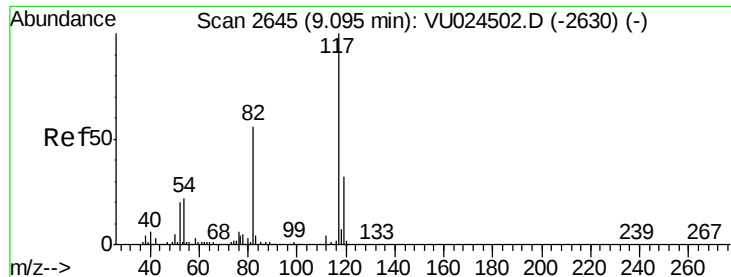
Ion Ratio Lower Upper

95 100

174 84.1 0.0 165.8

176 81.6 0.0 159.4

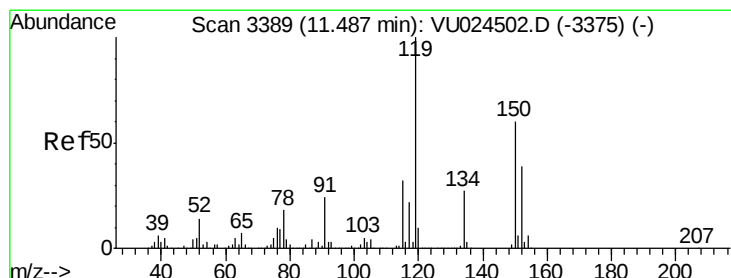
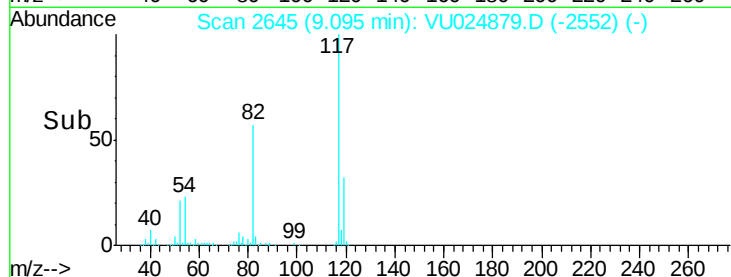
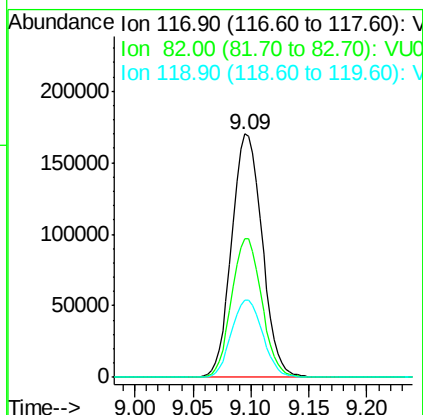
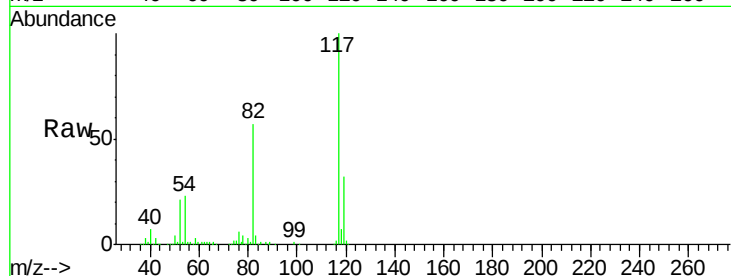




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.09 min Scan# 2645  
Delta R.T. 0.00 min  
Lab File: VU024879.D  
Acq: 25 Jun 2018 16:56

Instrument :  
MSVOA\_U  
ClientSampleId :  
F3-58-SRI3ME

Tgt Ion:117 Resp: 310701  
Ion Ratio Lower Upper  
117 100  
82 57.2 44.3 66.5  
119 31.6 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 3390  
Delta R.T. 0.00 min  
Lab File: VU024879.D  
Acq: 25 Jun 2018 16:56

Tgt Ion:152 Resp: 185740  
Ion Ratio Lower Upper  
152 100  
115 57.9 43.0 129.0  
150 156.4 0.0 354.0

