

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\  
 Data File : VU024903.D  
 Acq On : 26 Jun 2018 03:02  
 Operator : MD/SY  
 Sample : J3669-08ME 20X  
 Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB484-37-39-180620ME

Quant Time: Jun 26 08:28:49 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

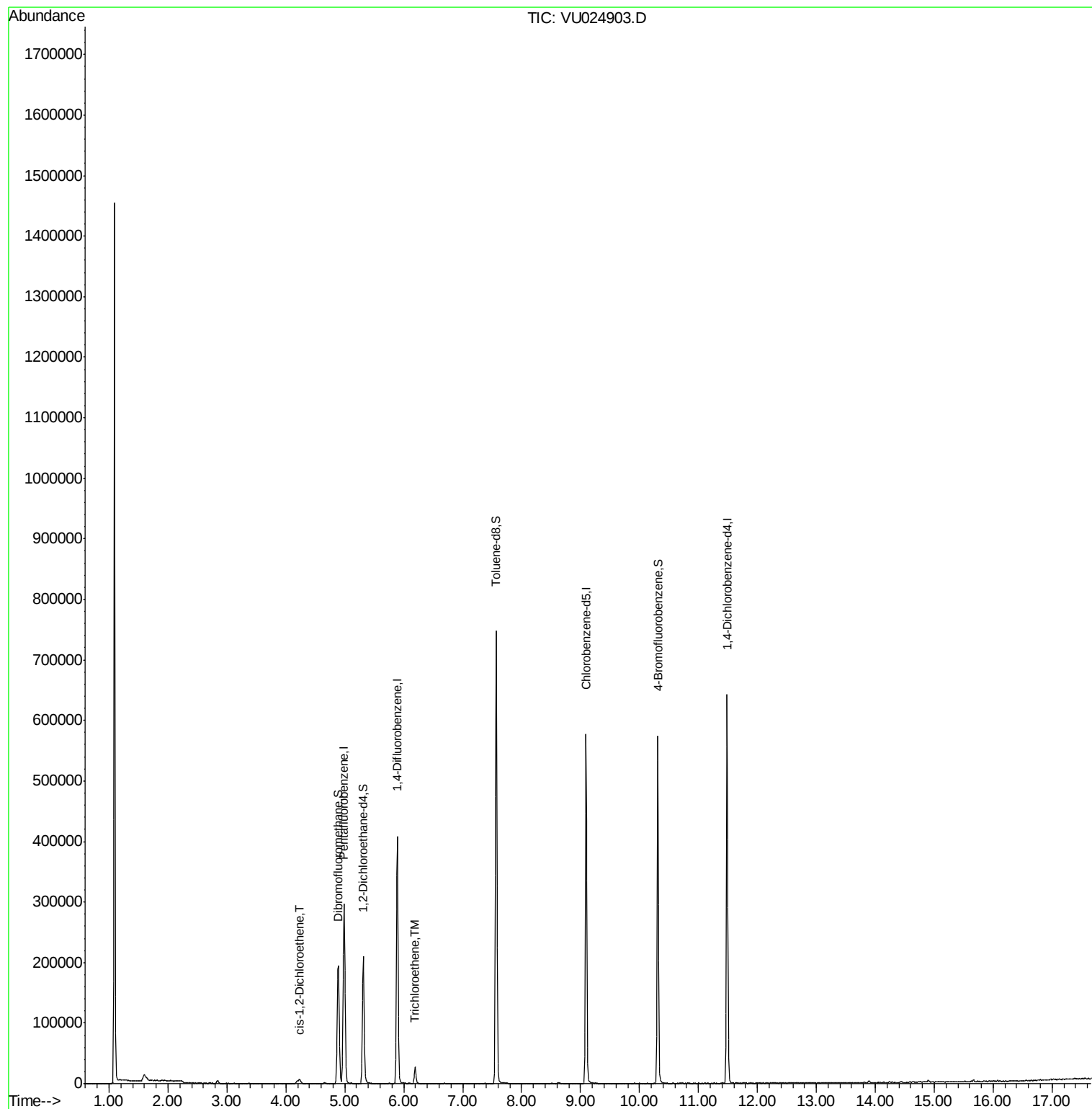
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 4.99  | 168  | 227493   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.89  | 114  | 347426   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.09  | 117  | 314528   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.49 | 152  | 170330   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 168811   | 45.45 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 90.90% |          |
| 35) Dibromofluoromethane    | 4.89  | 113  | 135077   | 46.85 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 93.70% |          |
| 50) Toluene-d8              | 7.57  | 98   | 496297   | 47.19 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.38% |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 184006   | 44.06 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 88.12% |          |
| Target Compounds            |       |      |          |       |        |          |
| 27) cis-1,2-Dichloroethene  | 4.24  | 96   | 2927     | 0.89  | ug/l   | 91       |
| 44) Trichloroethene         | 6.19  | 130  | 10076    | 3.04  | ug/l   | 85       |

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

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WP021SB484-37-39-180620ME

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Quant Title : SW846 8260  
QLast Update : Wed Jun 13 13:55:26 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024903.D

Acq: 26 Jun 2018 03:02

Instrument :

MSVOA\_U

ClientSampleId :

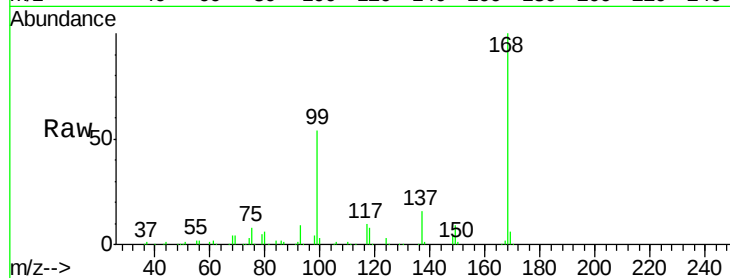
WP021SB484-37-39-180620ME

Tot Ion:168 Resp: 227493

Ion Ratio Lower Upper

168 100

99 54.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

120000

100000

80000

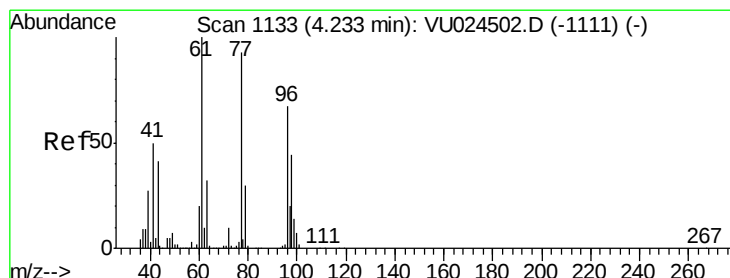
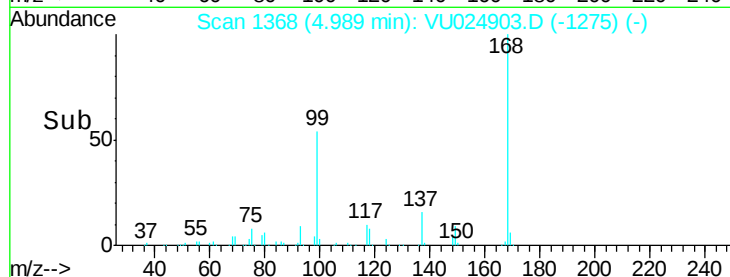
60000

40000

20000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.89 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU024903.D

Acq: 26 Jun 2018 03:02

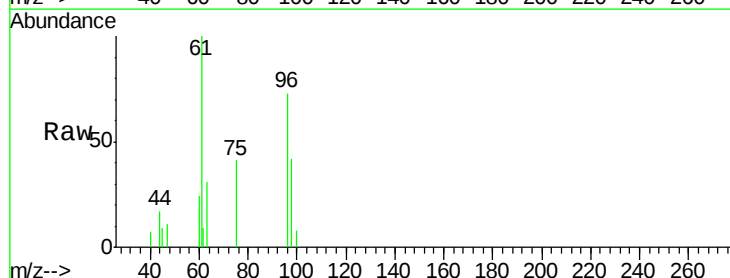
Tgt Ion: 96 Resp: 2927

Ion Ratio Lower Upper

96 100

61 139.7 0.0 306.6

98 69.1 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

4.24

2000

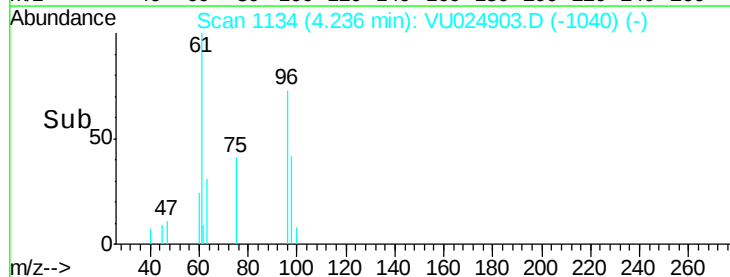
1500

1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.45 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024903.D

Acq: 26 Jun 2018 03:02

Instrument :

MSVOA\_U

ClientSampleId :

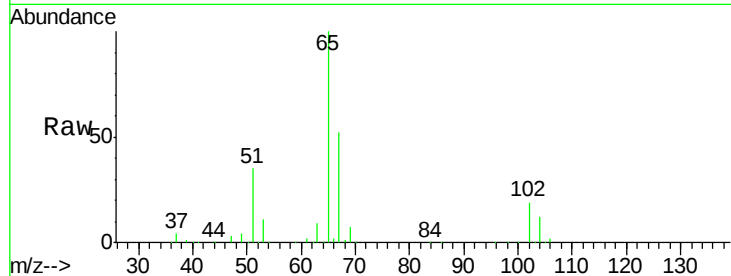
WP021SB484-37-39-180620ME

Tot Ion: 65 Resp: 168811

Ion Ratio Lower Upper

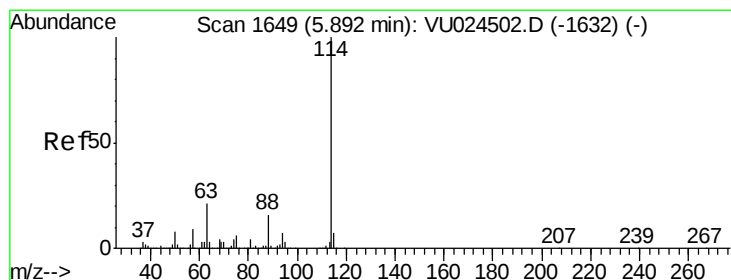
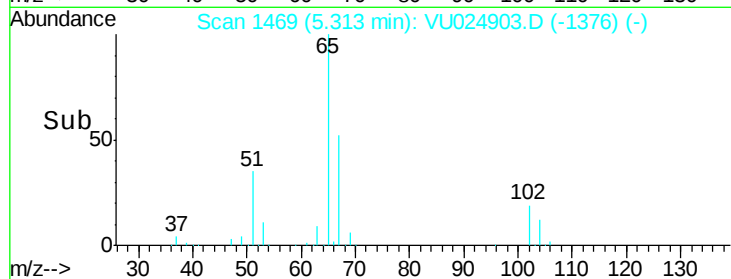
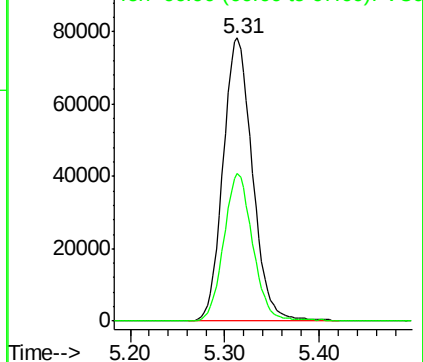
65 100

67 51.3 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024903.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024903.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024903.D

Acq: 26 Jun 2018 03:02

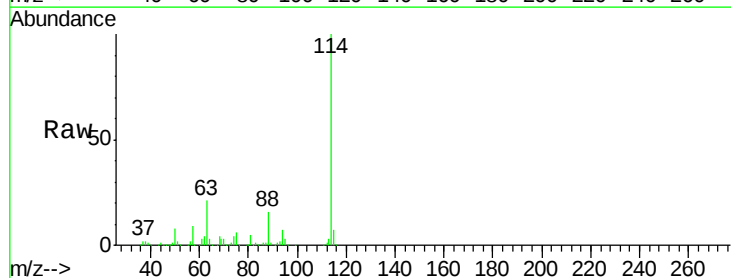
Tgt Ion: 114 Resp: 347426

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.4

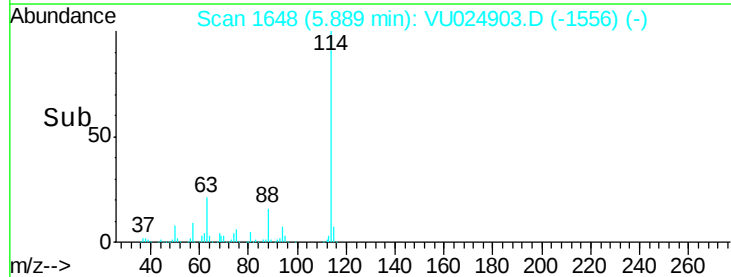
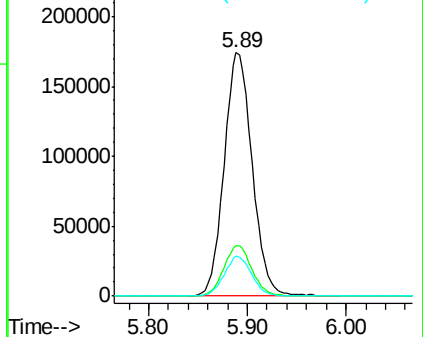
88 16.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU024903.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024903.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024903.D (-1556) (-)

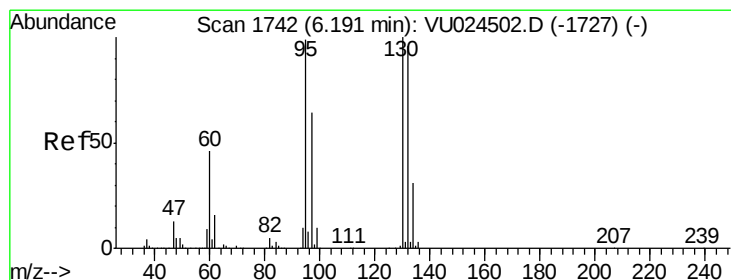
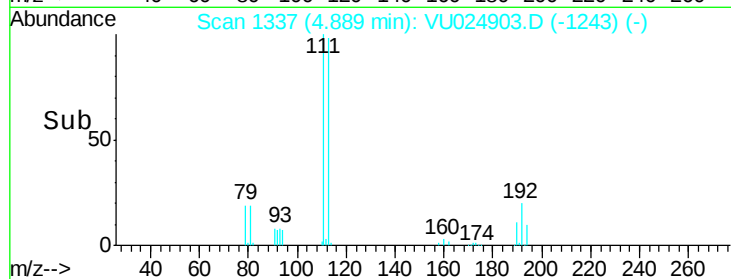
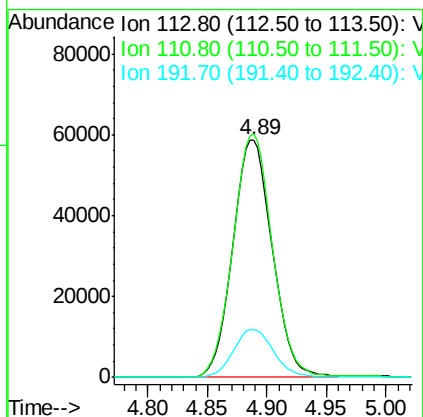
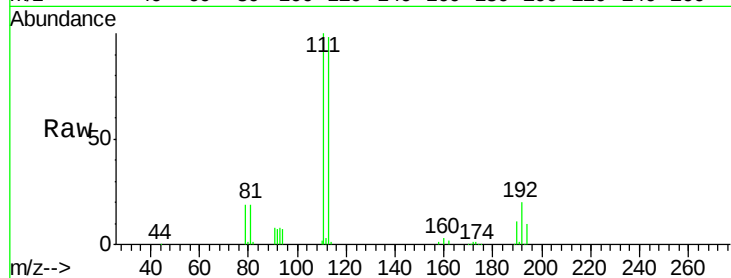




#35  
 Dibromofluoromethane  
 Concen: 46.85 ug/l  
 RT: 4.89 min Scan# 1337  
 Delta R.T. 0.00 min  
 Lab File: VU024903.D  
 Acq: 26 Jun 2018 03:02

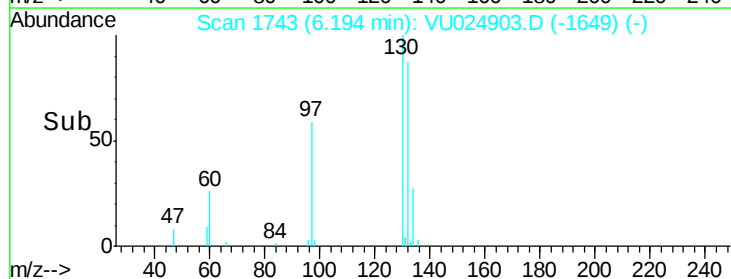
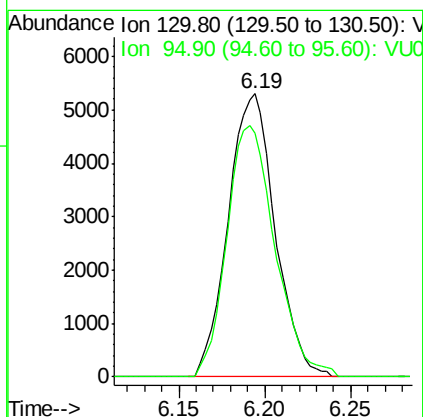
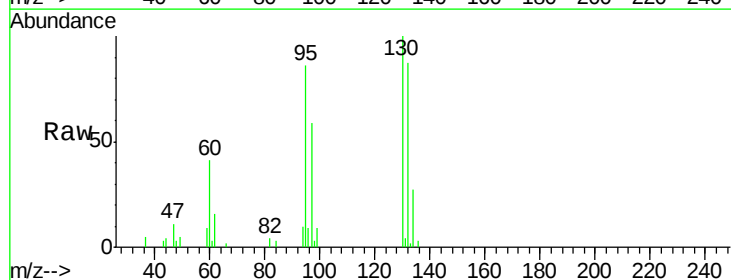
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB484-37-39-180620ME

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.2 | 82.2  | 123.4 |
| 192     | 20.6  | 16.2  | 24.4  |



#44  
 Trichloroethene  
 Concen: 3.04 ug/l  
 RT: 6.19 min Scan# 1743  
 Delta R.T. 0.00 min  
 Lab File: VU024903.D  
 Acq: 26 Jun 2018 03:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 86.0  | 0.0   | 202.4 |

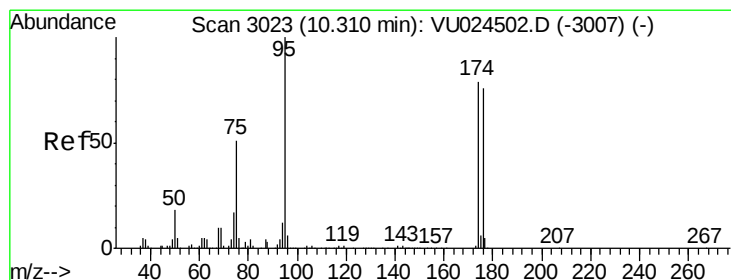
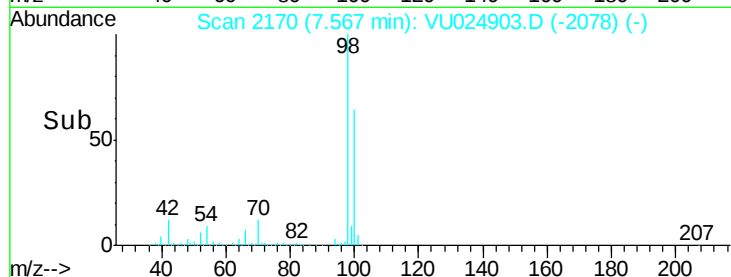
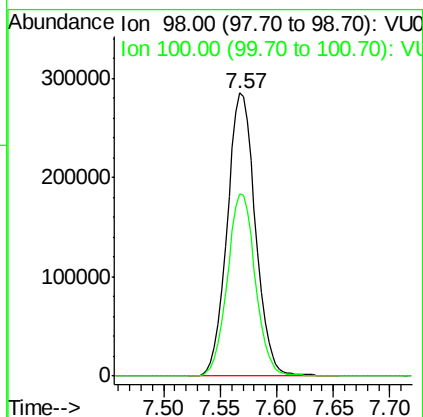
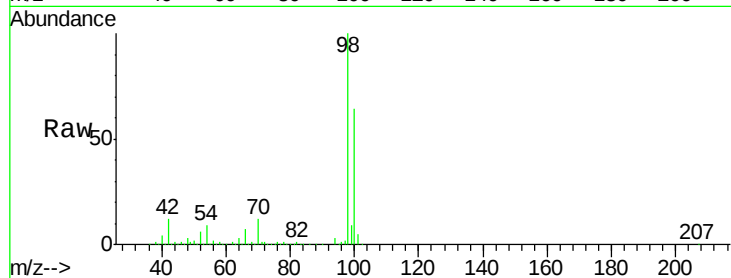




#50  
Toluene-d8  
Concen: 47.19 ug/l  
RT: 7.57 min Scan# 2170  
Delta R.T. -0.00 min  
Lab File: VU024903.D  
Acq: 26 Jun 2018 03:02

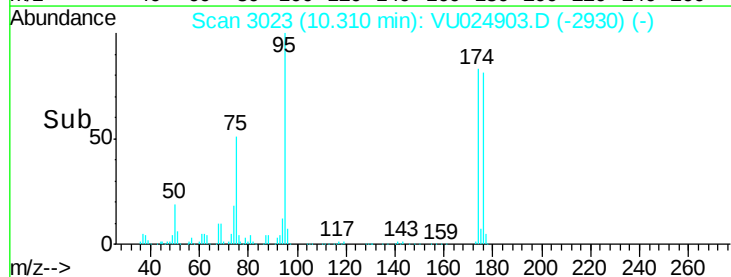
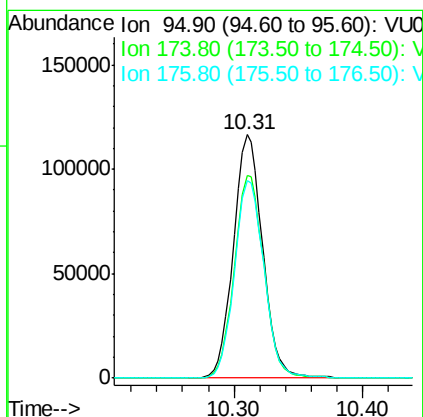
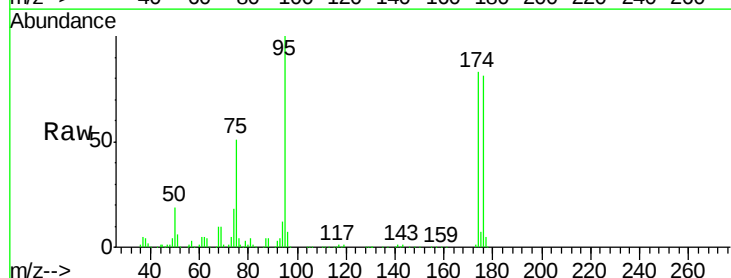
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB484-37-39-180620ME

Tot Ion: 98 Resp: 496297  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.1 76.7



#62  
4-Bromofluorobenzene  
Concen: 44.06 ug/l  
RT: 10.31 min Scan# 3023  
Delta R.T. -0.00 min  
Lab File: VU024903.D  
Acq: 26 Jun 2018 03:02

Tgt Ion: 95 Resp: 184006  
Ion Ratio Lower Upper  
95 100  
174 84.3 0.0 165.8  
176 81.9 0.0 159.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU024903.D

Acq: 26 Jun 2018 03:02

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB484-37-39-180620ME

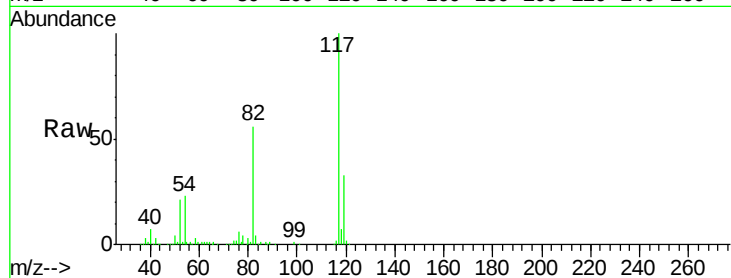
Tot Ion:117 Resp: 314528

Ion Ratio Lower Upper

117 100

82 56.5 44.3 66.5

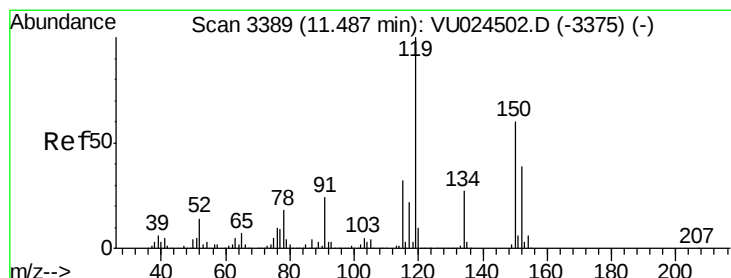
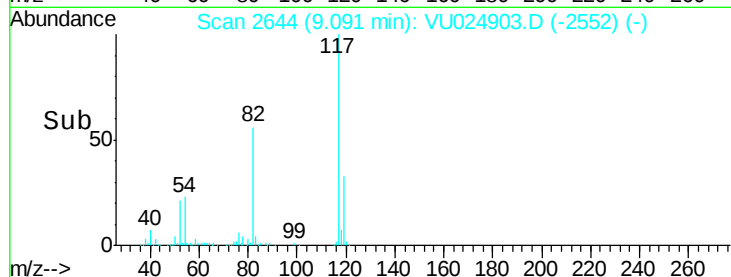
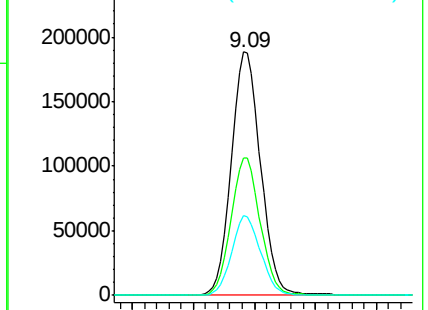
119 32.6 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024903.D

Acq: 26 Jun 2018 03:02

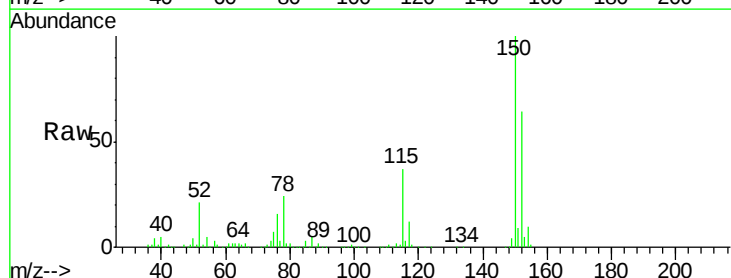
Tgt Ion:152 Resp: 170330

Ion Ratio Lower Upper

152 100

115 57.9 43.0 129.0

150 154.1 0.0 354.0



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

