

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
 Data File : VU028402.D
 Acq On : 29 Nov 2018 18:29
 Operator : MD/SY
 Sample : J6134-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9

Quant Time: Nov 30 07:57:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

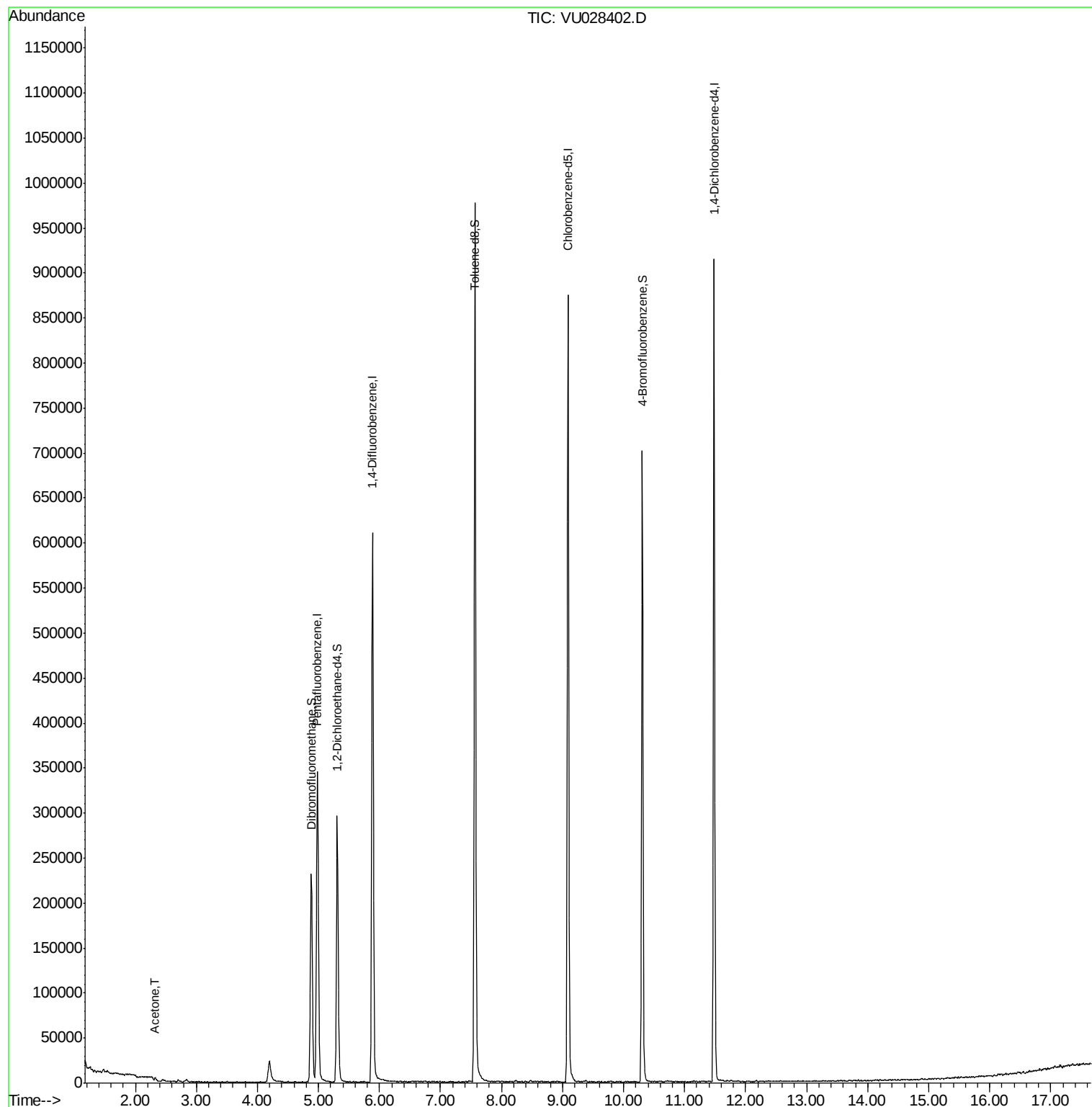
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	250059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	488220	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	451933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	215502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	221982	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
35) Dibromofluoromethane	4.88	113	162308	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	7.57	98	634682	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	10.30	95	235142	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
Target Compounds						
16) Acetone	2.32	43	3155	1.234	ug/l #	Qvalue 85

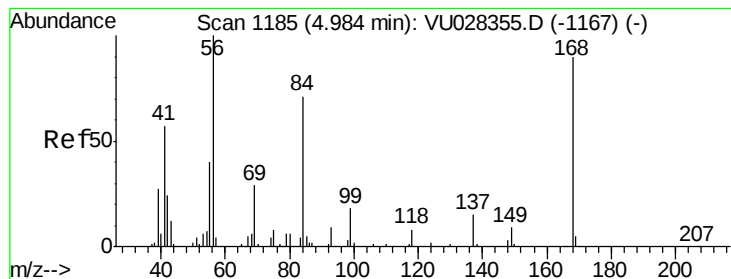
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028402.D

Acq: 29 Nov 2018 18:29

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MSVOA_U

ClientSampleId :

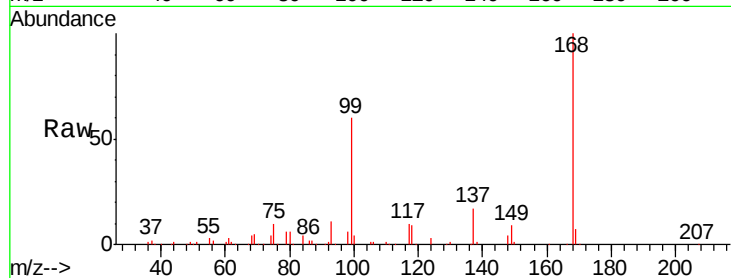
MW-9

Tgt Ion:168 Resp: 250059

Ion Ratio Lower Upper

168 100

99 60.2 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D

Ion 98.90 (98.60 to 99.60): VU028355.D

4.99

120000

100000

80000

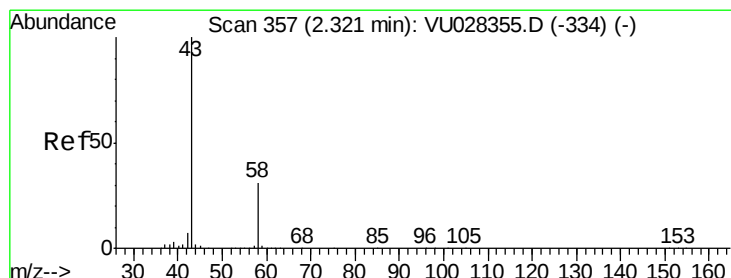
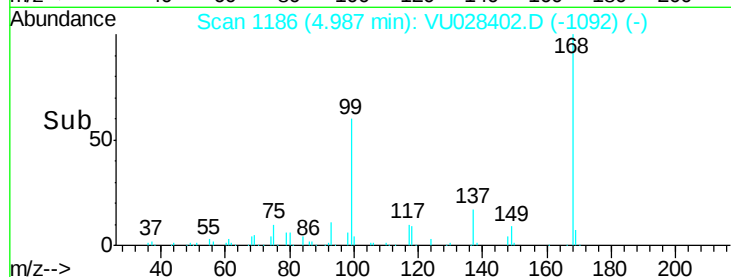
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.234 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028402.D

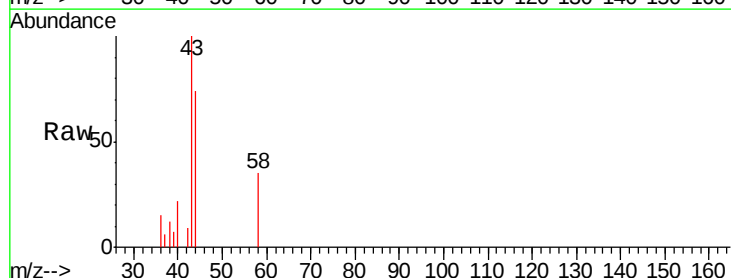
Acq: 29 Nov 2018 18:29

Tgt Ion: 43 Resp: 3155

Ion Ratio Lower Upper

43 100

58 38.6 24.4 36.6#



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D

Ion 58.00 (57.70 to 58.70): VU028355.D

2.32

2500

2000

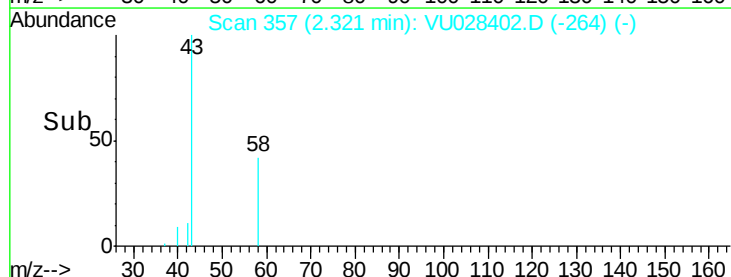
1500

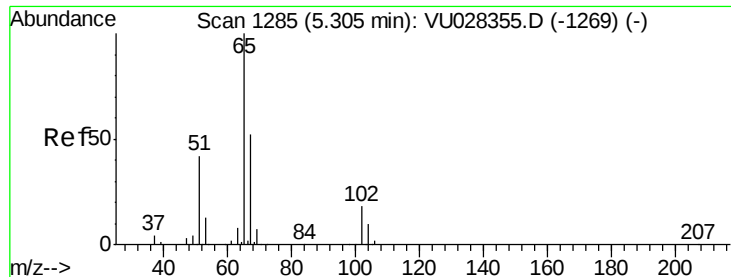
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.117 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028402.D

Acq: 29 Nov 2018 18:29

Instrument :

MSVOA_U

ClientSampled :

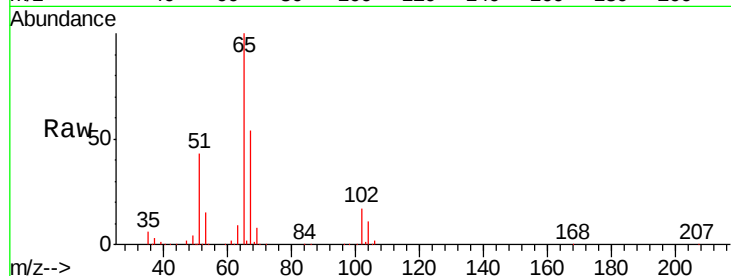
MW-9

Tgt Ion: 65 Resp: 221982

Ion Ratio Lower Upper

65 100

67 54.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU028355.D (-1269) (-)

Ion 66.90 (66.60 to 67.60): VU028355.D (-1269) (-)

5.31

100000

80000

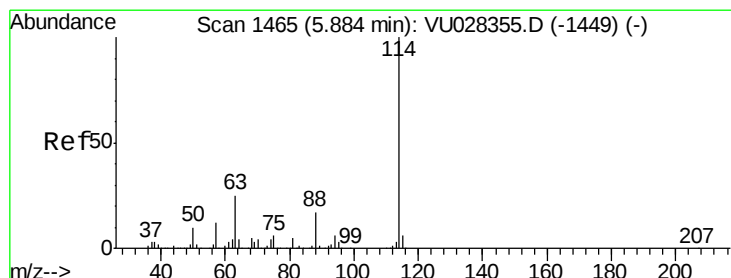
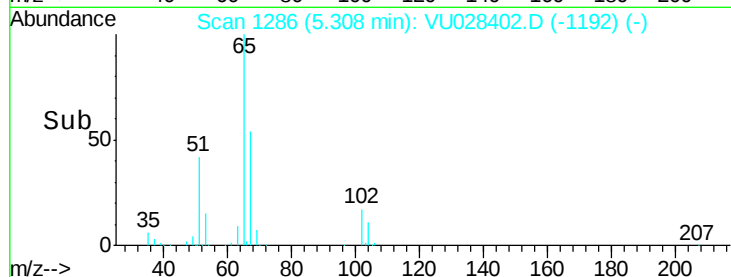
60000

40000

20000

0

Time--> 5.20 5.25 5.30 5.35 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028402.D

Acq: 29 Nov 2018 18:29

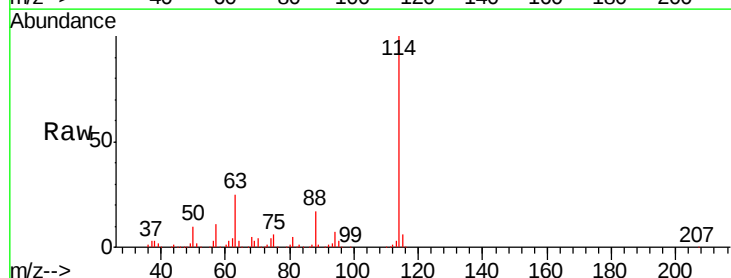
Tgt Ion: 114 Resp: 488220

Ion Ratio Lower Upper

114 100

63 25.3 0.0 50.0

88 16.7 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): VU028355.D (-1449) (-)

Ion 63.00 (62.70 to 63.70): VU028355.D (-1449) (-)

Ion 87.90 (87.60 to 88.60): VU028355.D (-1449) (-)

5.89

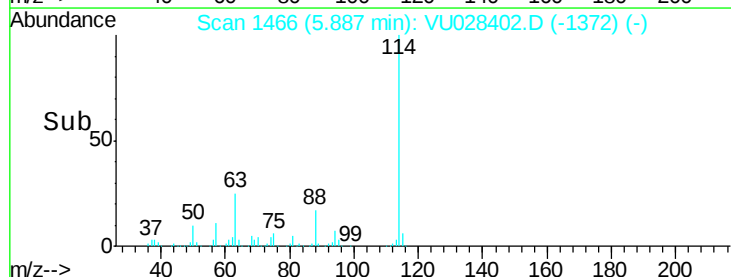
300000

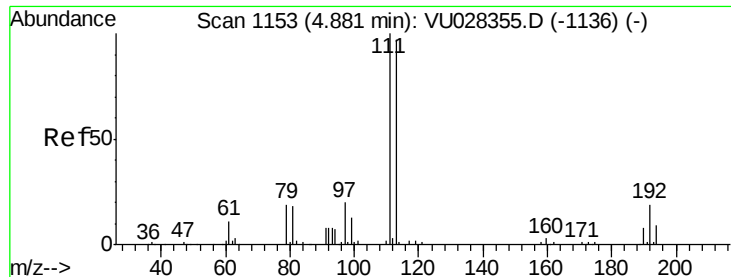
200000

100000

0

Time--> 5.80 5.90 6.00 6.10

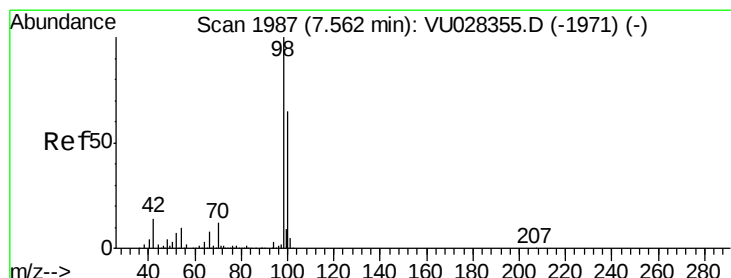
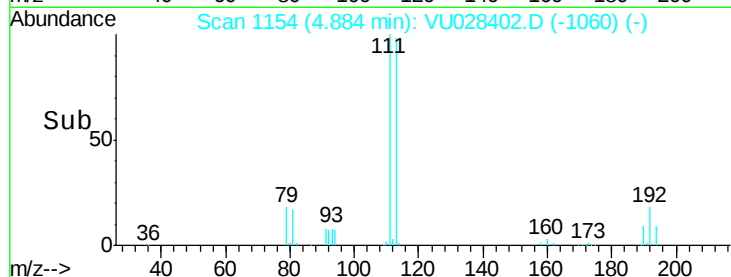
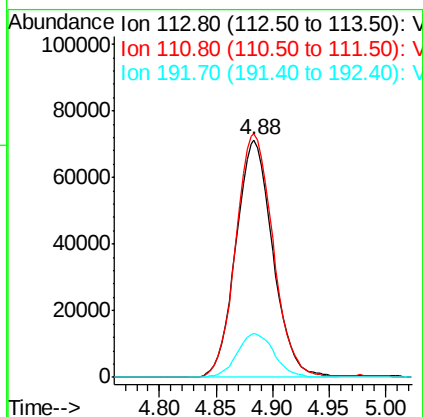
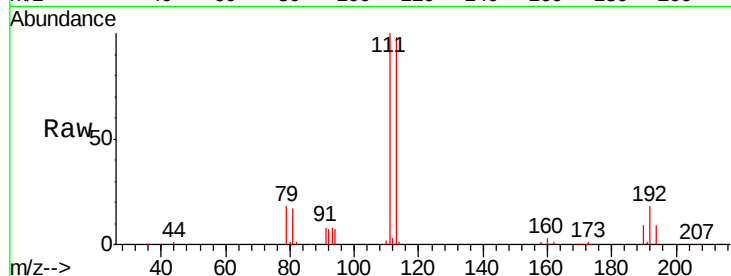




#35
 Dibromofluoromethane
 Concen: 49.995 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028402.D
 Acq: 29 Nov 2018 18:29

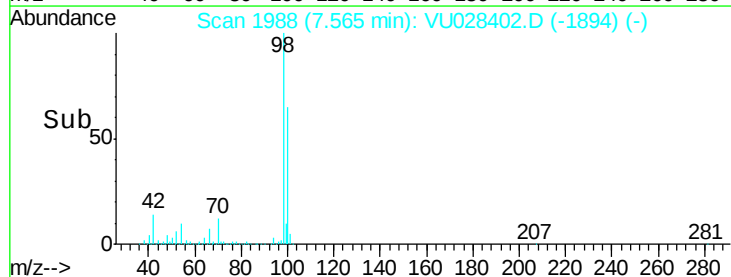
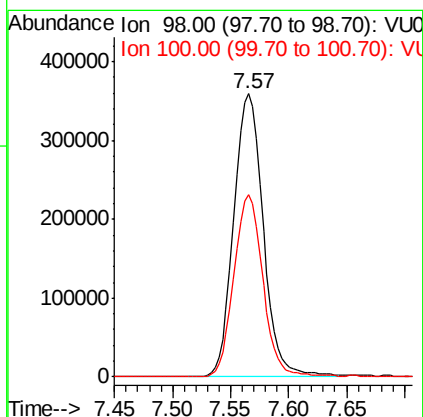
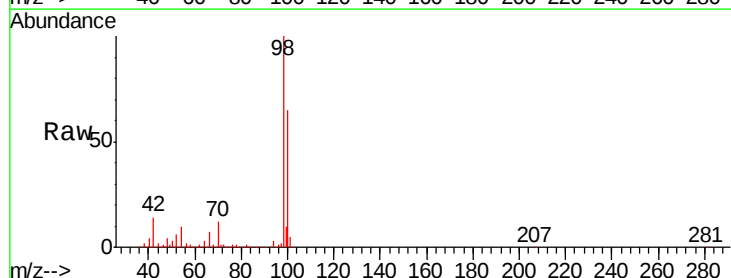
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9

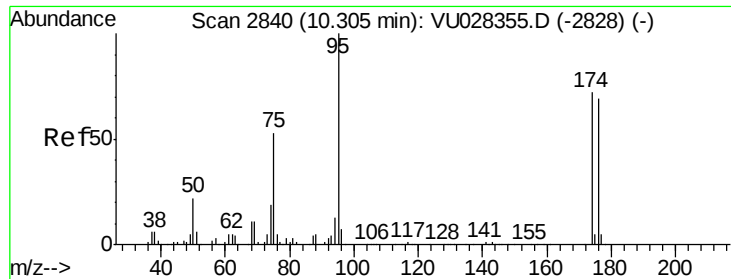
Tgt Ion: 113 Resp: 162308
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.9 124.3
 192 18.5 15.4 23.0



#50
 Toluene-d8
 Concen: 48.883 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VU028402.D
 Acq: 29 Nov 2018 18:29

Tgt Ion: 98 Resp: 634682
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.8 76.2

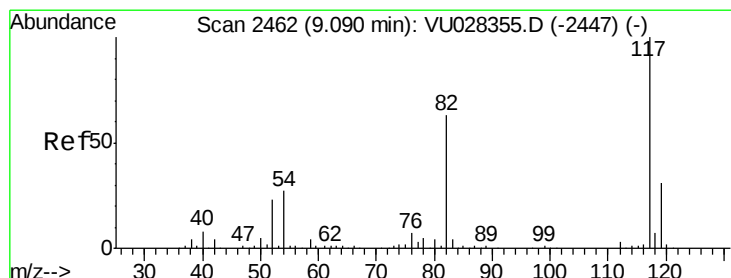
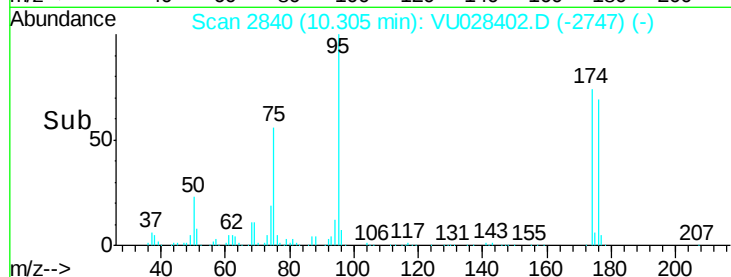
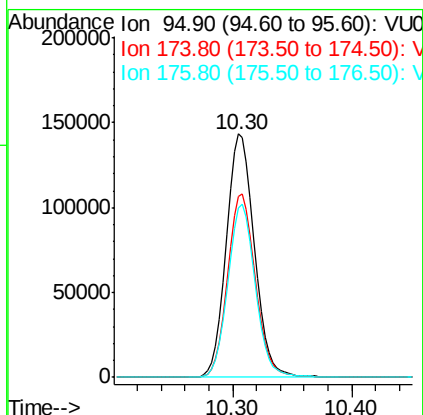
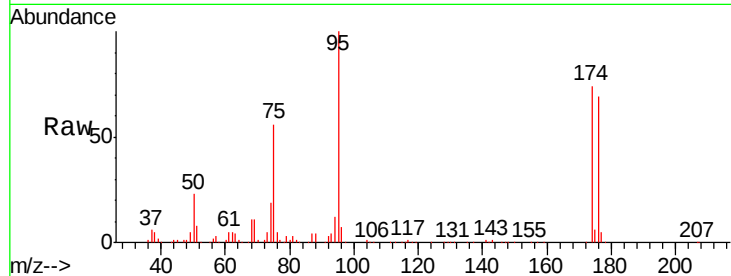




#62
4-Bromofluorobenzene
Concen: 50.248 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028402.D
Acq: 29 Nov 2018 18:29

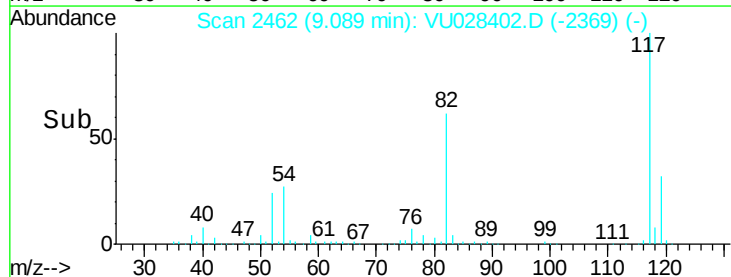
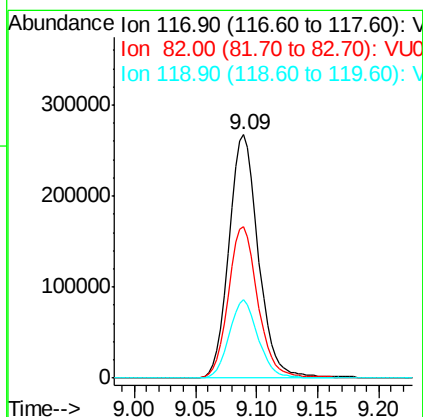
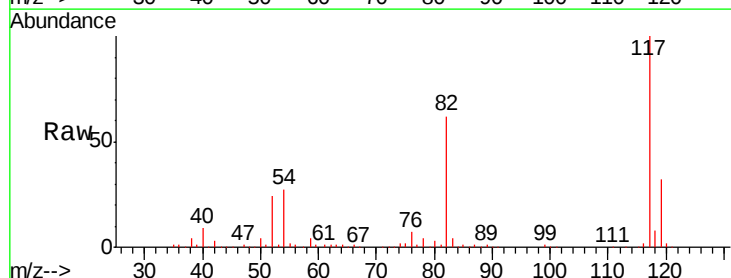
Instrument :
MSVOA_U
ClientSampleId :
MW-9

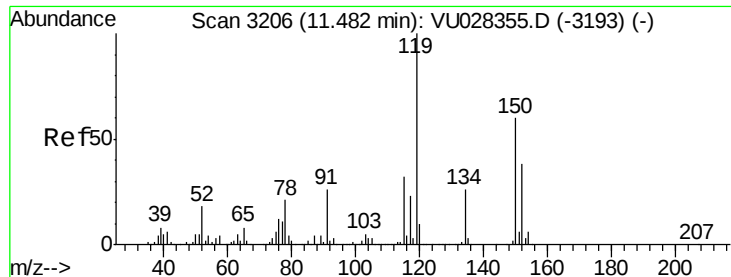
Tgt Ion: 95 Resp: 235142
Ion Ratio Lower Upper
95 100
174 74.6 0.0 145.4
176 69.7 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028402.D
Acq: 29 Nov 2018 18:29

Tgt Ion: 117 Resp: 451933
Ion Ratio Lower Upper
117 100
82 62.2 50.3 75.5
119 32.2 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028402.D

Acq: 29 Nov 2018 18:29

Instrument :

MSVOA_U

ClientSampleId :

MW-9

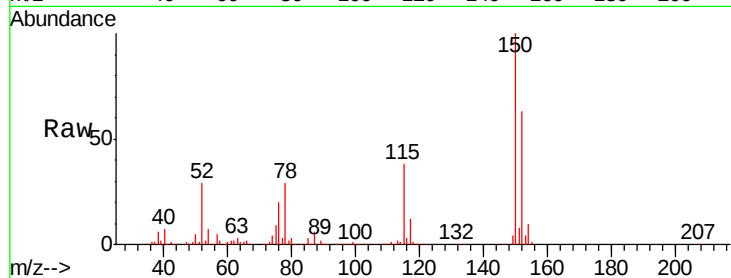
Tgt Ion:152 Resp: 215502

Ion Ratio Lower Upper

152 100

115 61.7 45.0 134.8

150 159.1 0.0 349.2



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

