

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025128.D
 Acq On : 01 Jul 2018 08:34
 Operator : MD/SY
 Sample : J3789-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-6

Quant Time: Jul 02 08:34:00 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	206454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	306892	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145963	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	154462	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
35) Dibromofluoromethane	4.89	113	119630	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
50) Toluene-d8	7.57	98	441109	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	10.31	95	162929	44.17	ug/l	0.00
Spiked Amount			Recovery	=	88.34%	

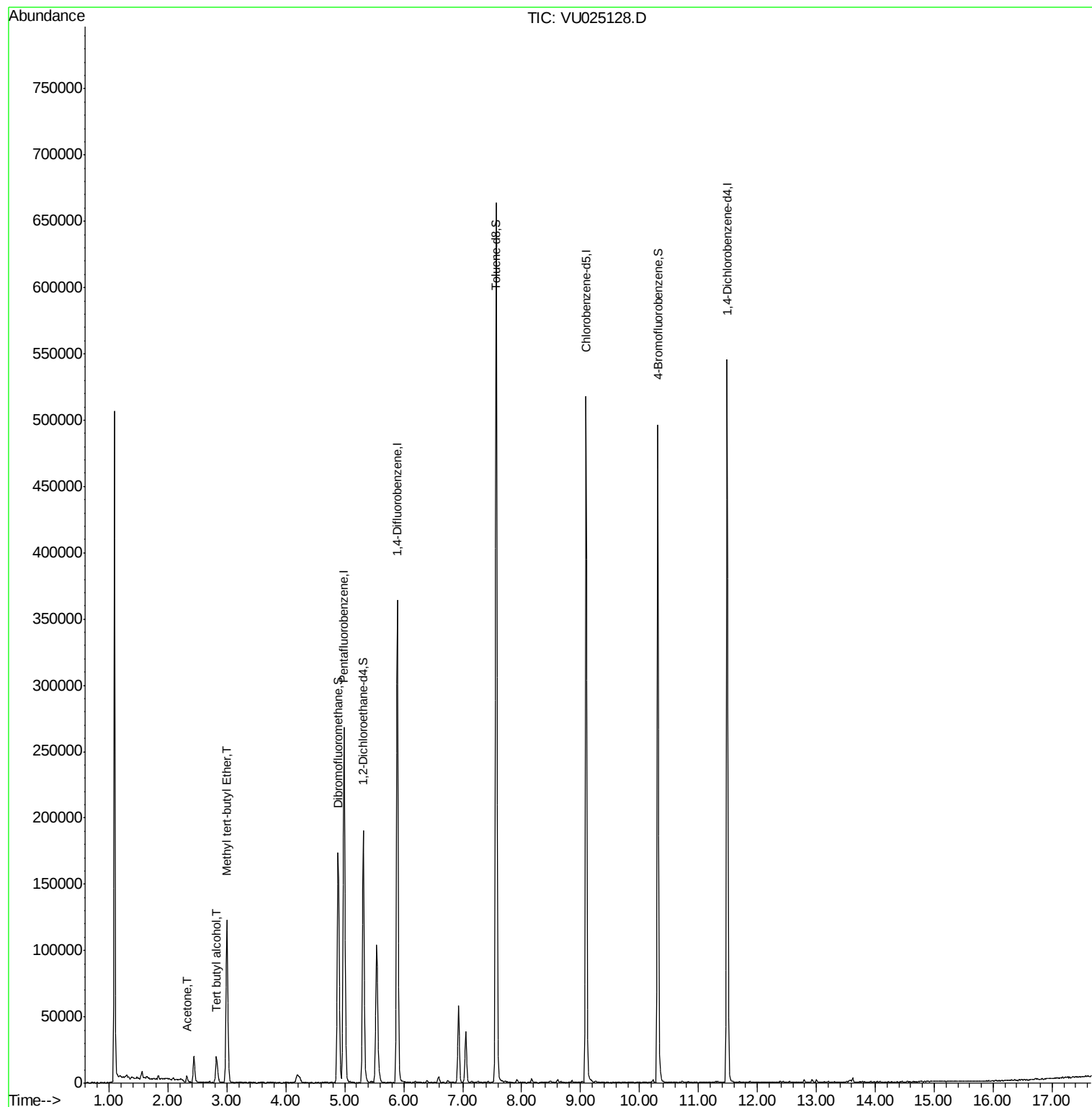
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.82	59	23064	28.14	ug/l	96
16) Acetone	2.32	43	4444	2.45	ug/l	94
19) Methyl tert-butyl Ether	3.00	73	128296	14.52	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025128.D

Acq: 01 Jul 2018 08:34

Instrument :

MSVOA_U

ClientSampleId :

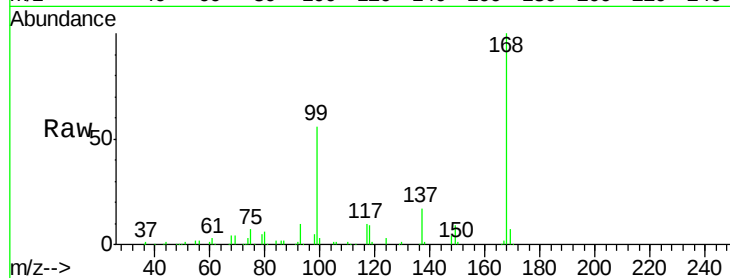
MW-6

Tot Ion:168 Resp: 206454

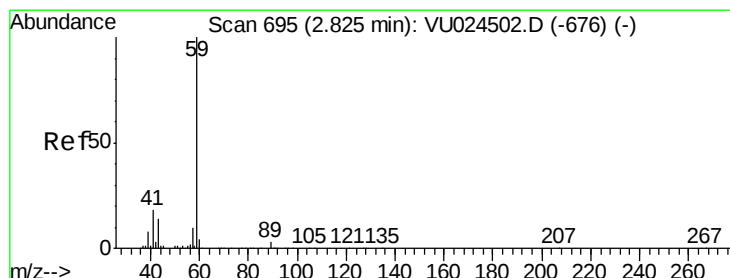
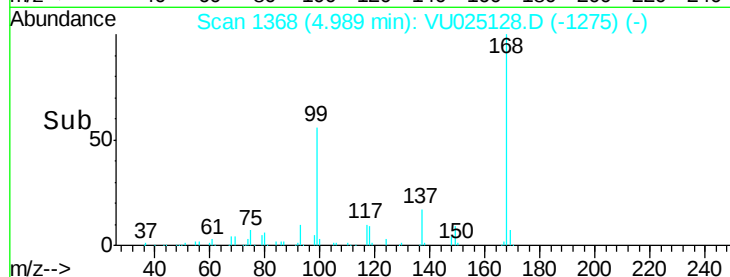
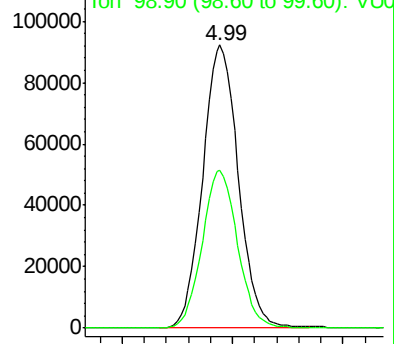
Ion Ratio Lower Upper

168 100

99 55.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025128.D (-1275) (-)



#11

Tert butyl alcohol

Concen: 28.14 ug/l

RT: 2.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VU025128.D

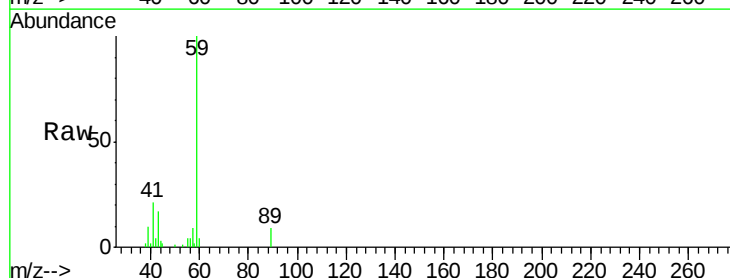
Acq: 01 Jul 2018 08:34

Tgt Ion: 59 Resp: 23064

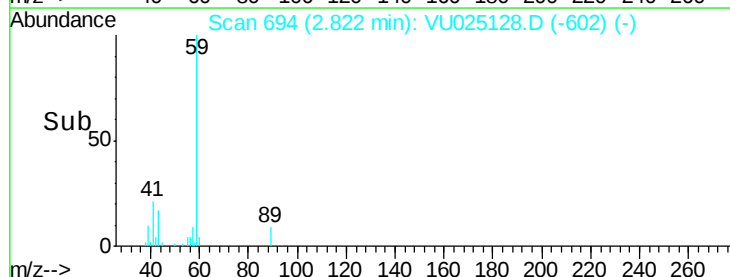
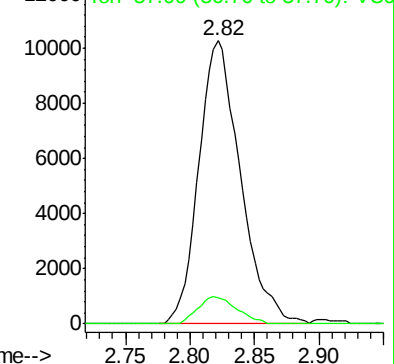
Ion Ratio Lower Upper

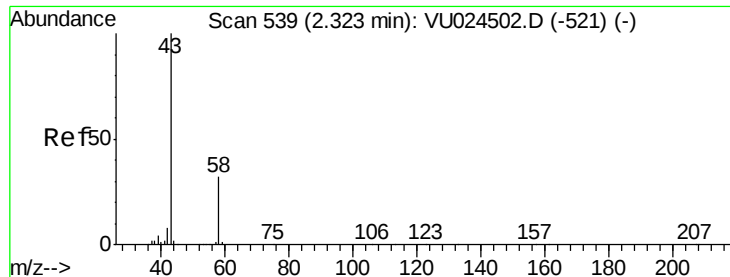
59 100

57 9.0 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU025128.D (-602) (-)





#16

Acetone

Concen: 2.45 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025128.D

Acq: 01 Jul 2018 08:34

Instrument :

MSVOA_U

ClientSampleId :

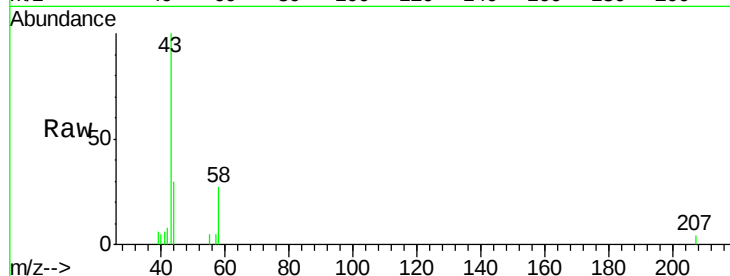
MW-6

Tot Ion: 43 Resp: 4444

Ion Ratio Lower Upper

43 100

58 27.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

2500

2000

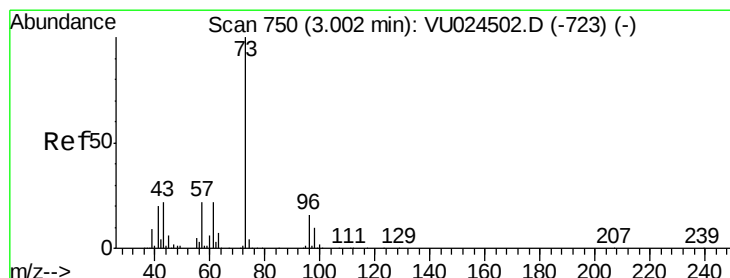
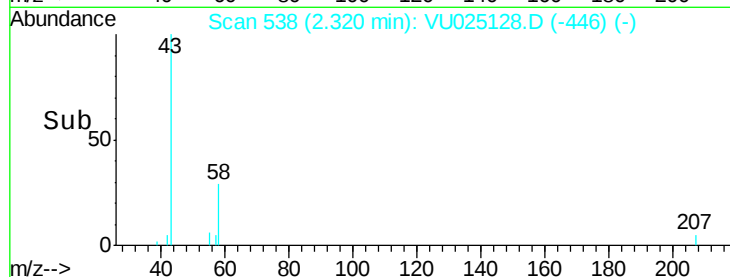
1500

1000

500

0

Time--> 2.25 2.30 2.35 2.40



#19

Methyl tert-butyl Ether

Concen: 14.52 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU025128.D

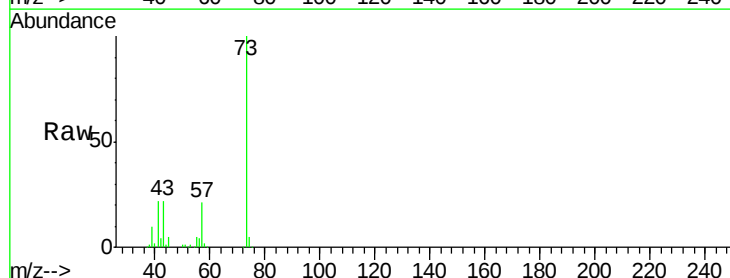
Acq: 01 Jul 2018 08:34

Tgt Ion: 73 Resp: 128296

Ion Ratio Lower Upper

73 100

57 21.3 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

3.00

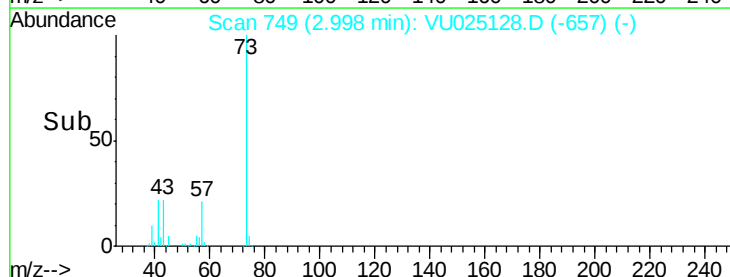
60000

40000

20000

0

Time--> 2.90 3.00 3.10

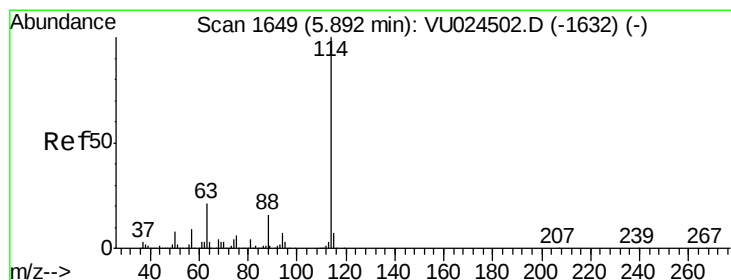
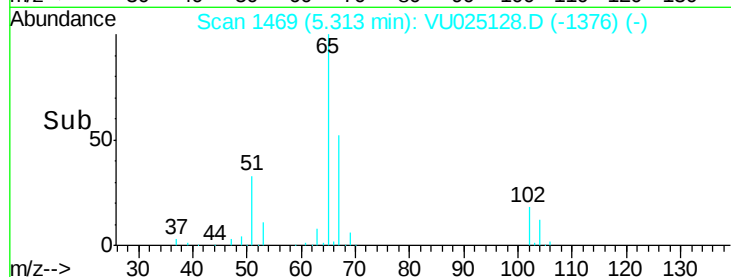
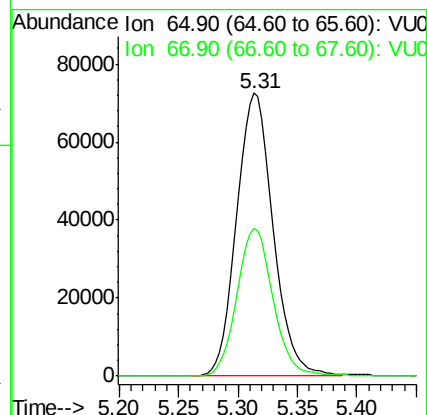
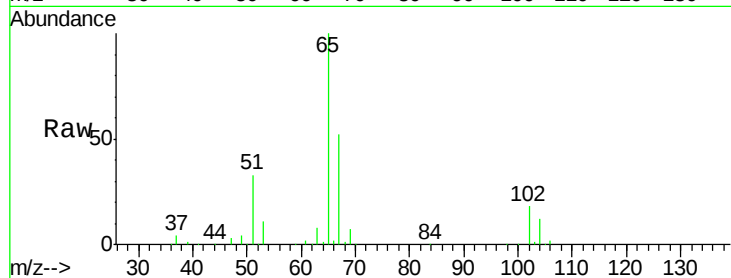




#33
 1,2-Dichloroethane-d4
 Concen: 45.83 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025128.D
 Acq: 01 Jul 2018 08:34

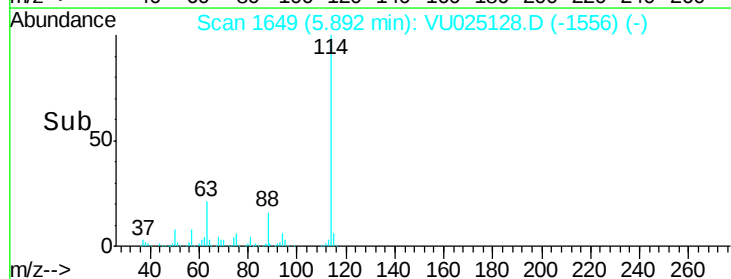
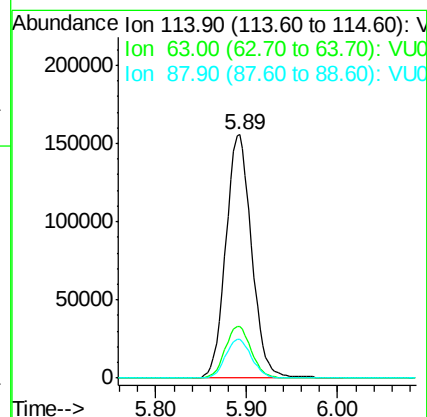
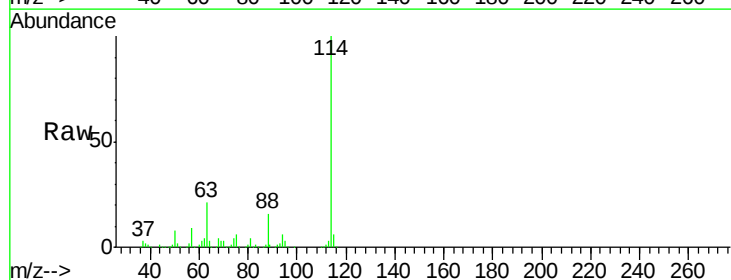
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-6

Tot Ion: 65 Resp: 154462
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025128.D
 Acq: 01 Jul 2018 08:34

Tgt Ion: 114 Resp: 306892
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.4
 88 15.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.97 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025128.D

Acq: 01 Jul 2018 08:34

Instrument :

MSVOA_U

ClientSampleId :

MW-6

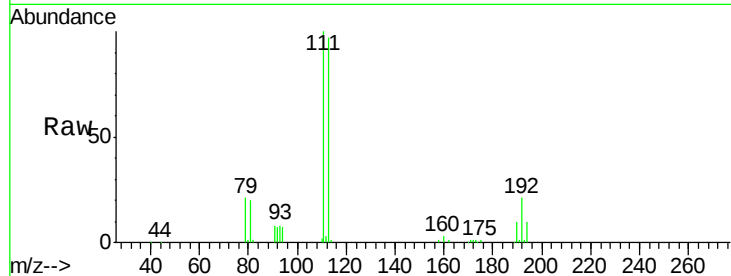
Tot Ion:113 Resp: 119630

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

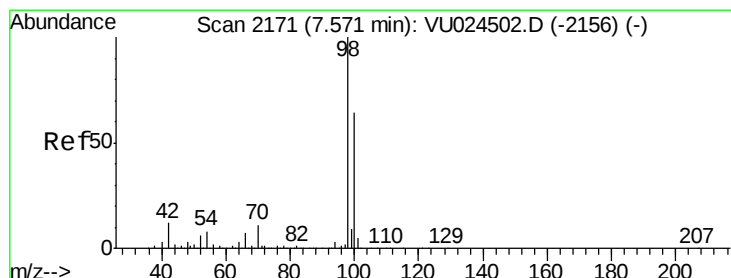
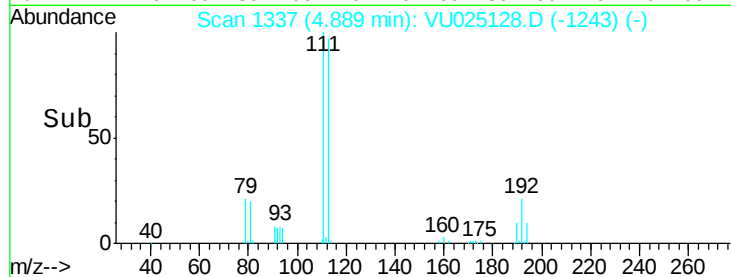
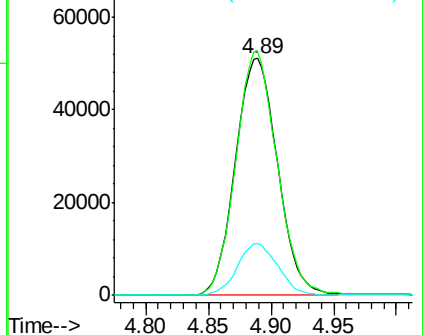
192 21.1 16.2 24.4



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



#50

Toluene-d8

Concen: 47.48 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025128.D

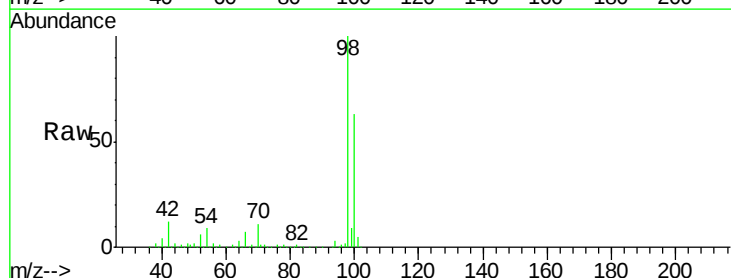
Acq: 01 Jul 2018 08:34

Tgt Ion: 98 Resp: 441109

Ion Ratio Lower Upper

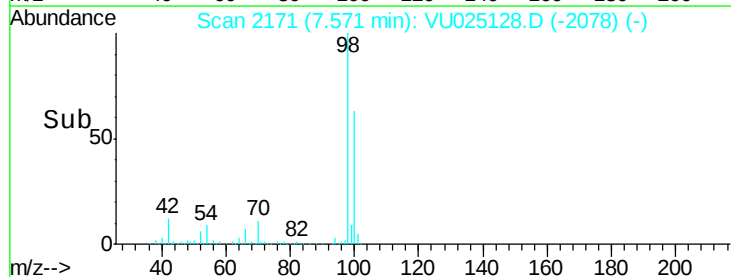
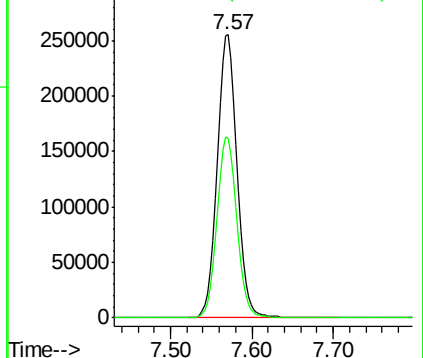
98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

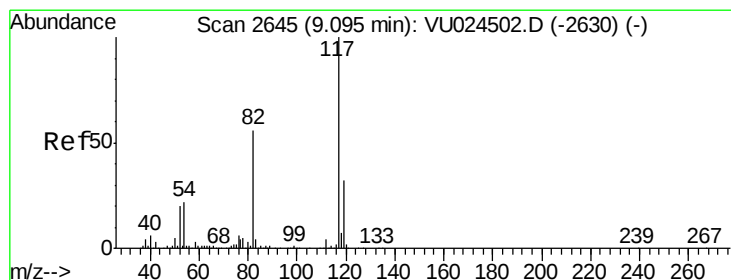
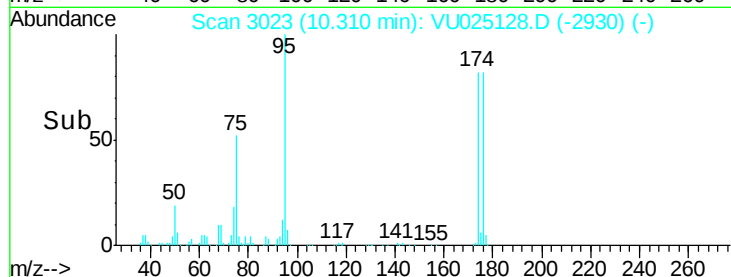
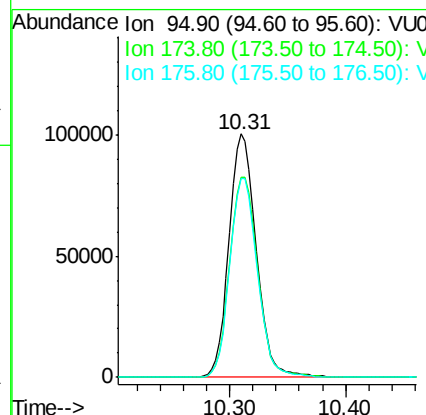
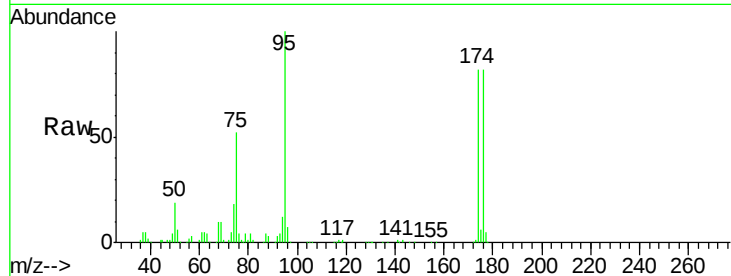




#62
4-Bromofluorobenzene
Concen: 44.17 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025128.D
Acq: 01 Jul 2018 08:34

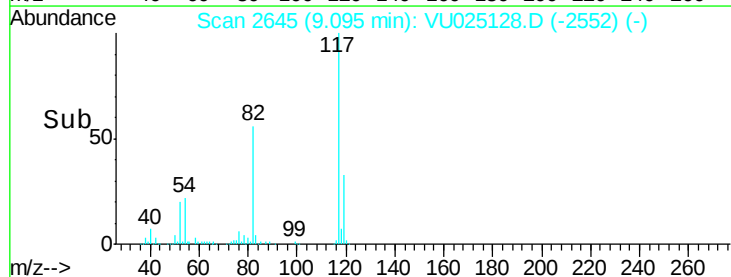
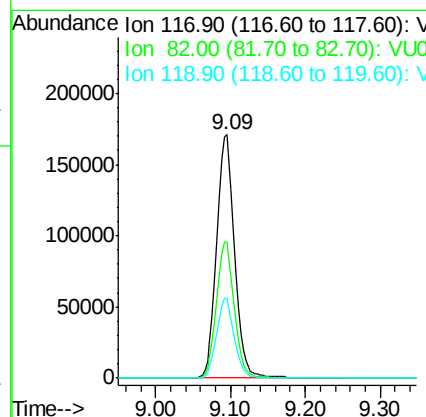
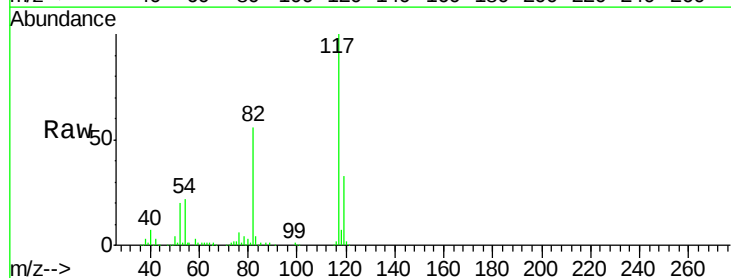
Instrument :
MSVOA_U
ClientSampleId :
MW-6

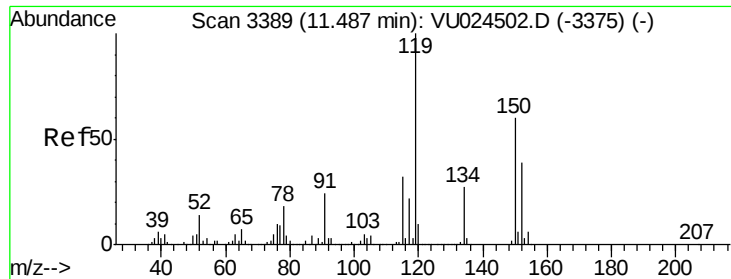
Tot Ion: 95 Resp: 162929
Ion Ratio Lower Upper
95 100
174 84.8 0.0 165.8
176 83.1 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025128.D
Acq: 01 Jul 2018 08:34

Tgt Ion: 117 Resp: 287190
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025128.D

Acq: 01 Jul 2018 08:34

Instrument :

MSVOA_U

ClientSampleId :

MW-6

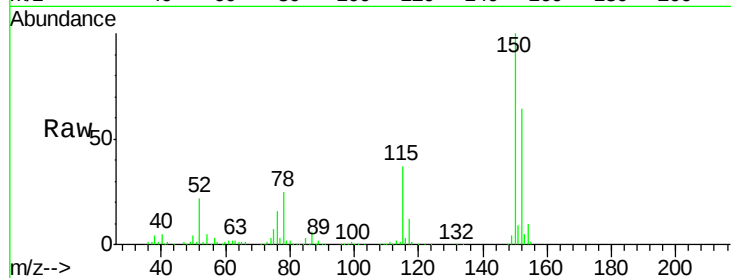
Tot Ion:152 Resp: 145963

Ion Ratio Lower Upper

152 100

115 57.7 43.0 129.0

150 156.4 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

