

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025169.D
 Acq On : 03 Jul 2018 03:01
 Operator : MD/SY
 Sample : J3809-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BR-3-062818

Quant Time: Jul 03 07:16:01 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	196171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	297023	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	276100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	143504	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	154019	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	4.89	113	116673	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	7.57	98	429271	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	10.31	95	157333	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	

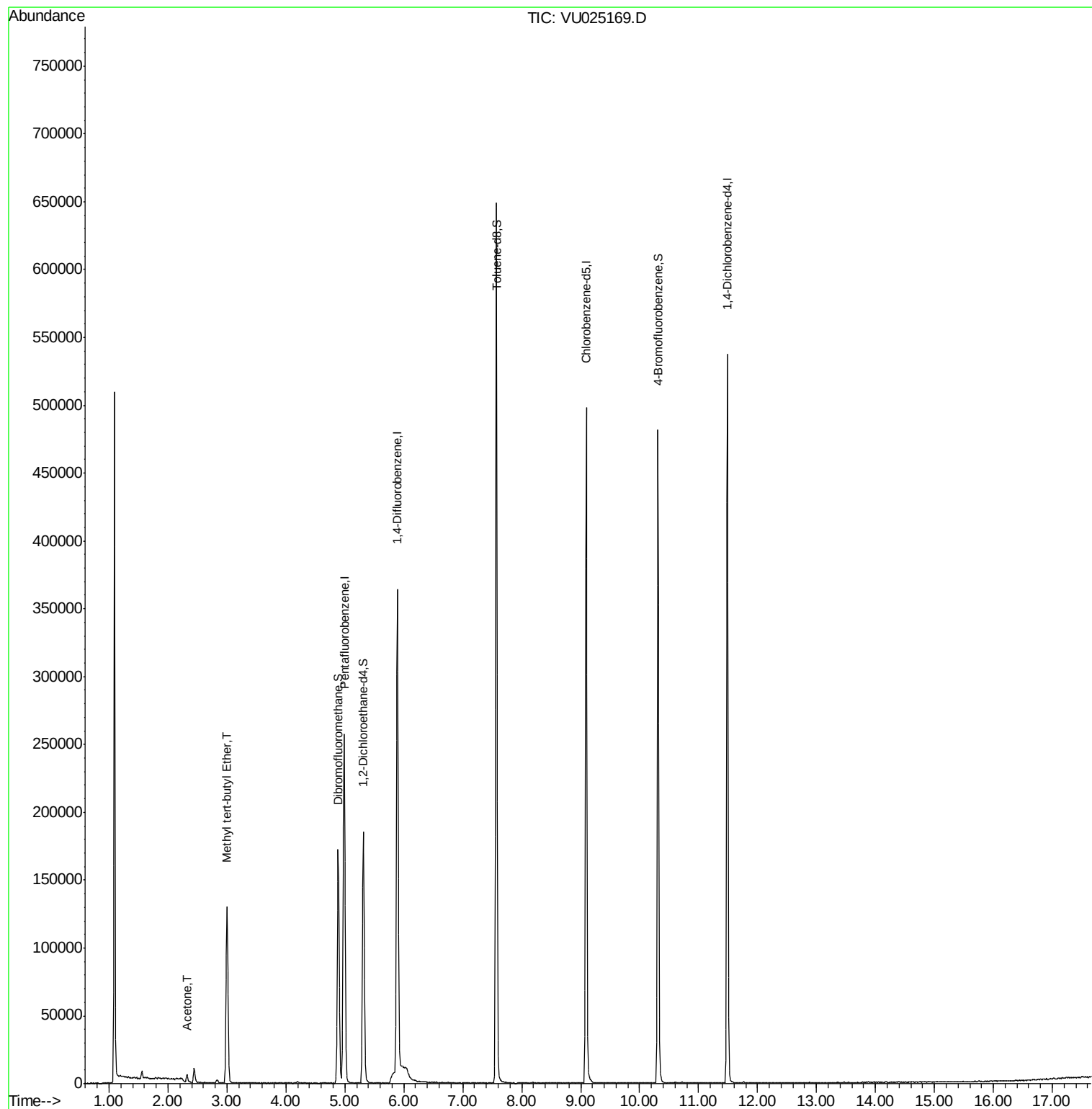
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	6033	3.51	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	137985	16.43	ug/l	95

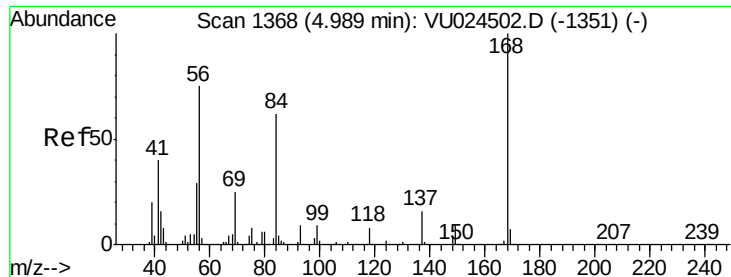
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025169.D

Acq: 03 Jul 2018 03:01

Instrument :

MSVOA_U

ClientSampleId :

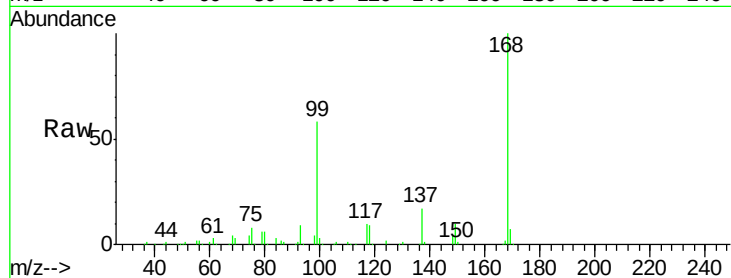
BR-3-062818

Tot Ion:168 Resp: 196171

Ion Ratio Lower Upper

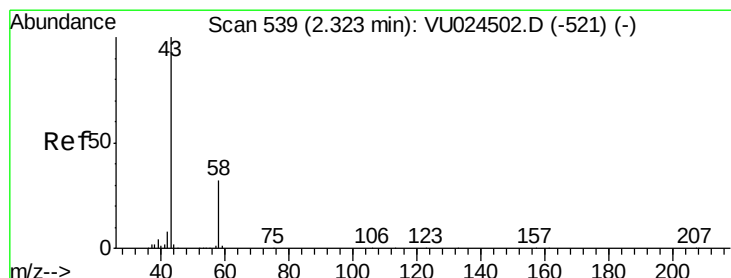
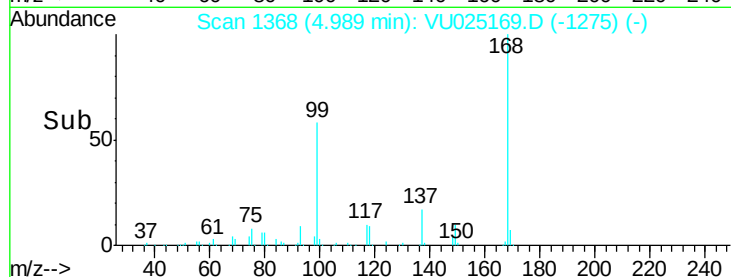
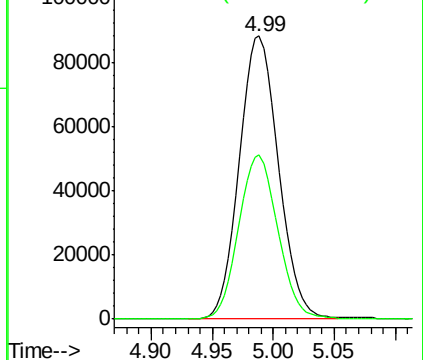
168 100

99 57.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025169.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025169.D (-1275) (-)



#16

Acetone

Concen: 3.51 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025169.D

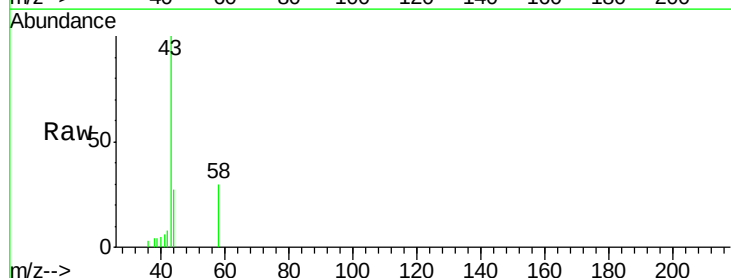
Acq: 03 Jul 2018 03:01

Tgt Ion: 43 Resp: 6033

Ion Ratio Lower Upper

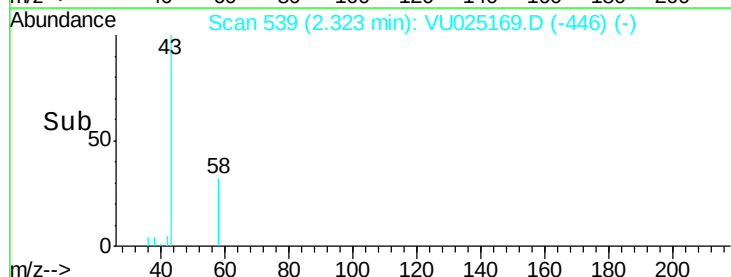
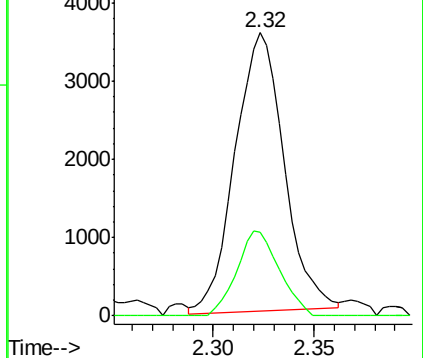
43 100

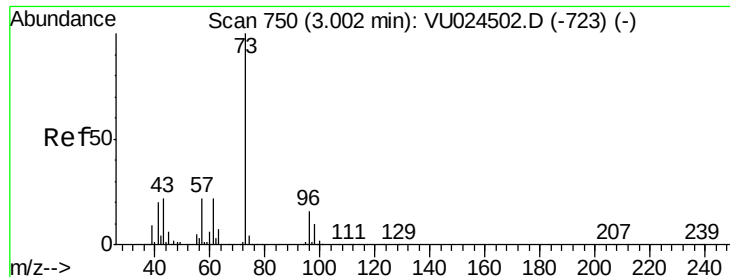
58 30.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU025169.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU025169.D (-446) (-)



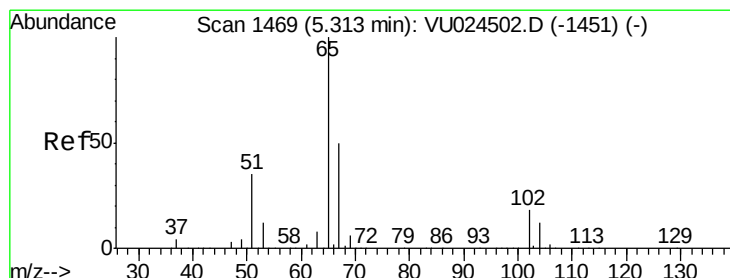
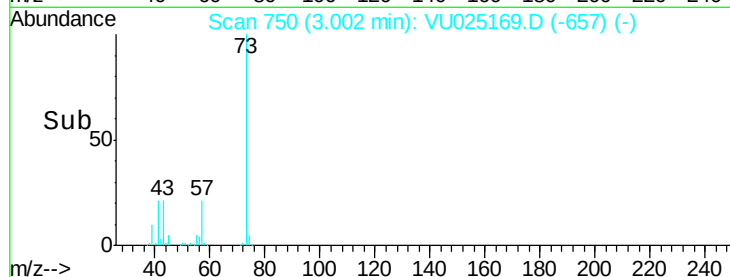
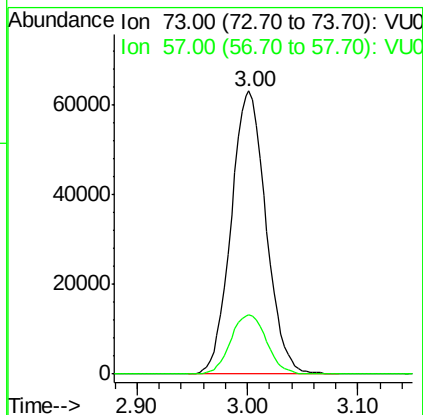
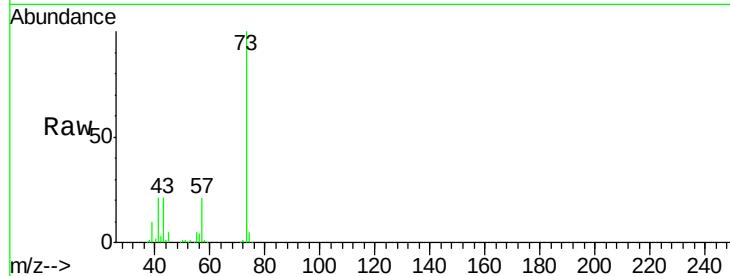


#19

Methvl tert-butvl Ether
 Concen: 16.43 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: VU025169.D
 Acq: 03 Jul 2018 03:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BR-3-062818

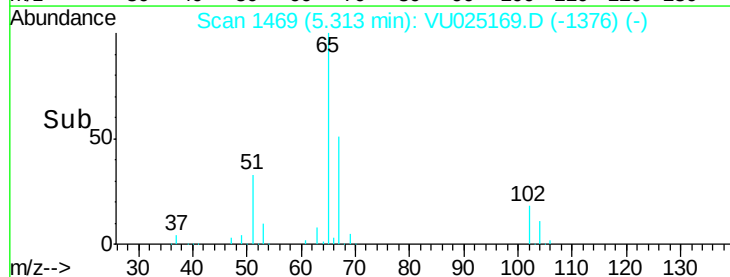
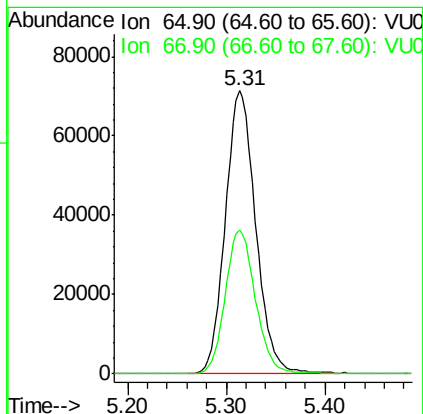
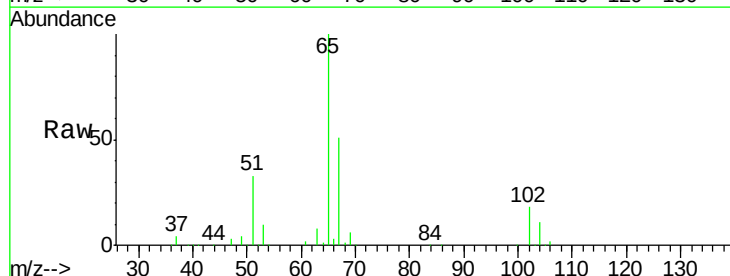
Tot Ion: 73 Resp: 137985
 Ion Ratio Lower Upper
 73 100
 57 20.9 18.8 28.2

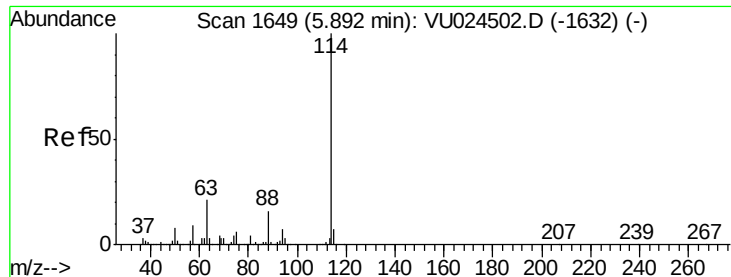


#33

1,2-Dichloroethane-d4
 Concen: 48.09 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025169.D
 Acq: 03 Jul 2018 03:01

Tgt Ion: 65 Resp: 154019
 Ion Ratio Lower Upper
 65 100
 67 50.3 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: VU025169.D

Acq: 03 Jul 2018 03:01

Instrument :

MSVOA_U

ClientSampleId :

BR-3-062818

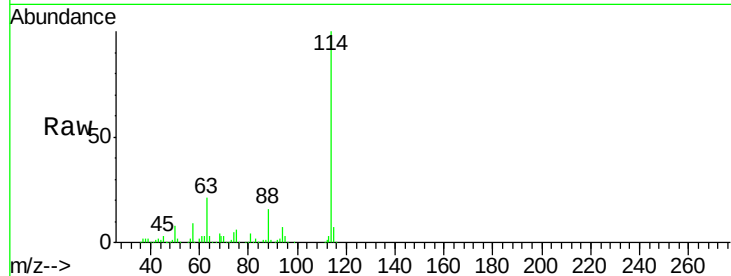
Tot Ion:114 Resp: 297023

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.4

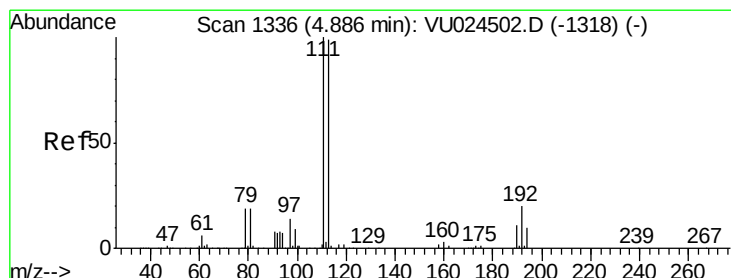
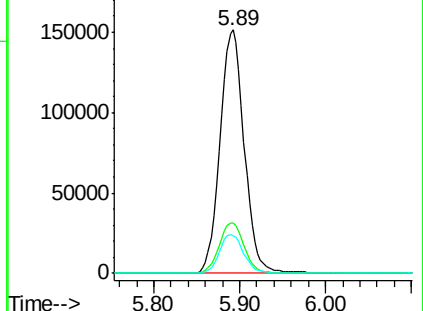
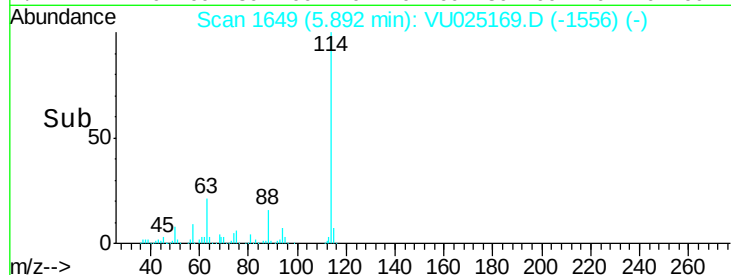
88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.33 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025169.D

Acq: 03 Jul 2018 03:01

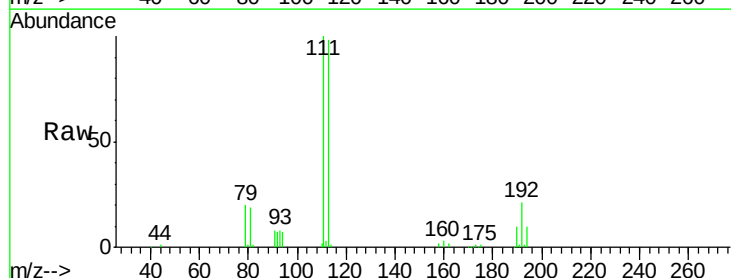
Tgt Ion:113 Resp: 116673

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

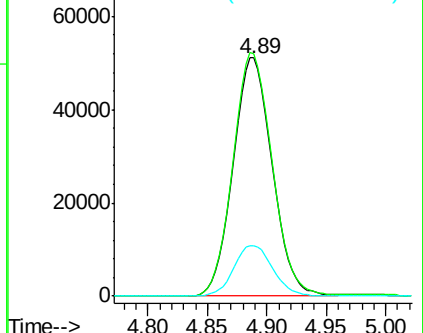
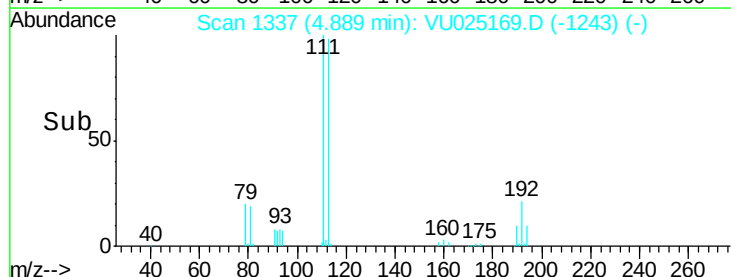
192 21.2 16.2 24.4

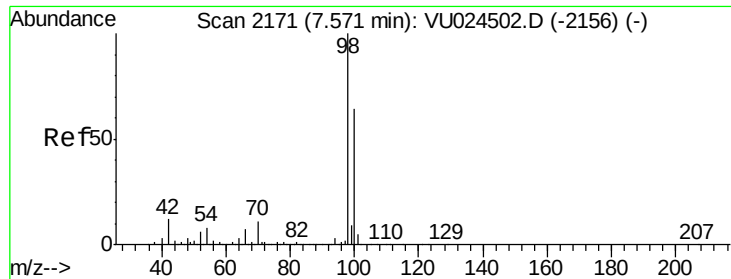


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

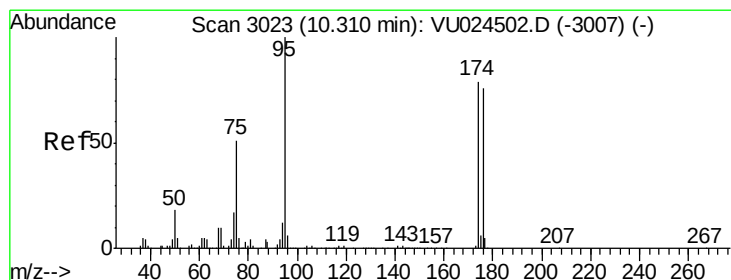
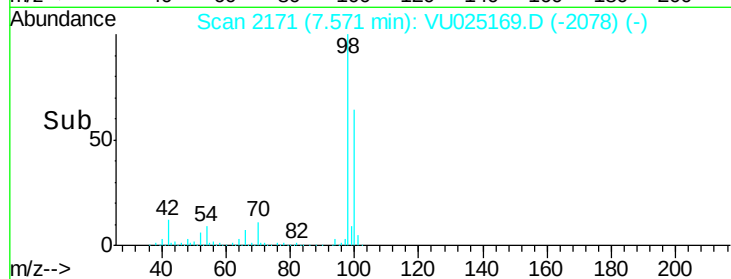
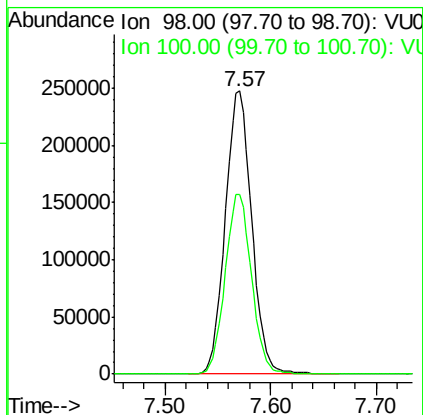
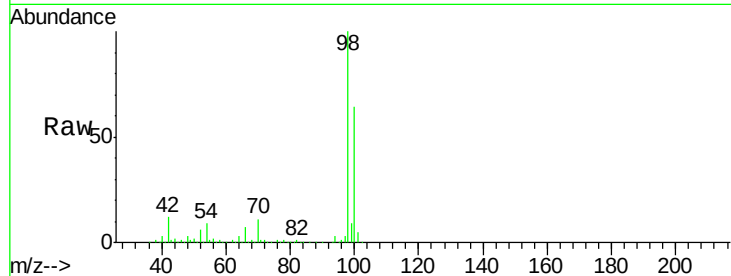




#50
Toluene-d8
Concen: 47.74 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025169.D
Acq: 03 Jul 2018 03:01

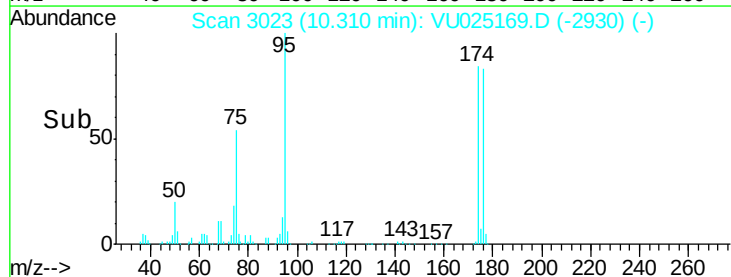
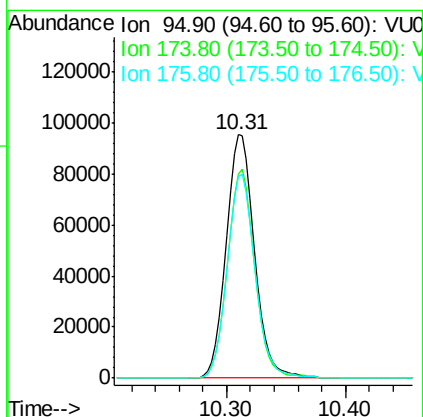
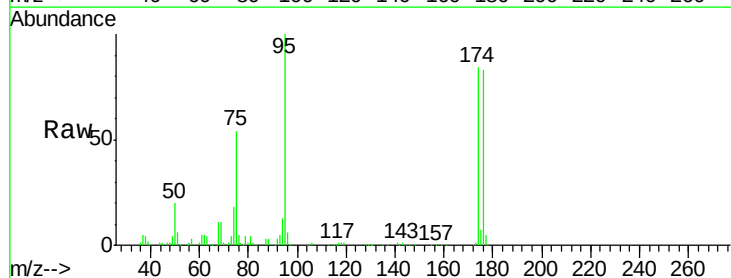
Instrument :
MSVOA_U
ClientSampled :
BR-3-062818

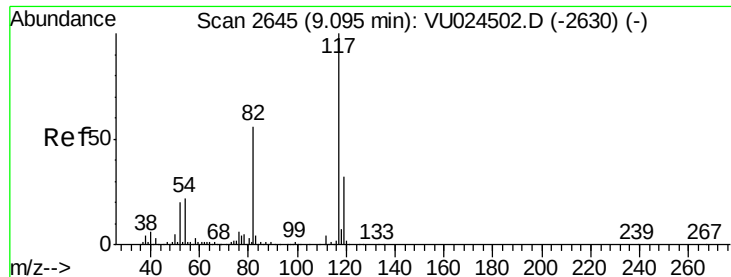
Tot Ion: 98 Resp: 429271
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.07 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025169.D
Acq: 03 Jul 2018 03:01

Tgt Ion: 95 Resp: 157333
Ion Ratio Lower Upper
95 100
174 83.2 0.0 165.8
176 82.7 0.0 159.4

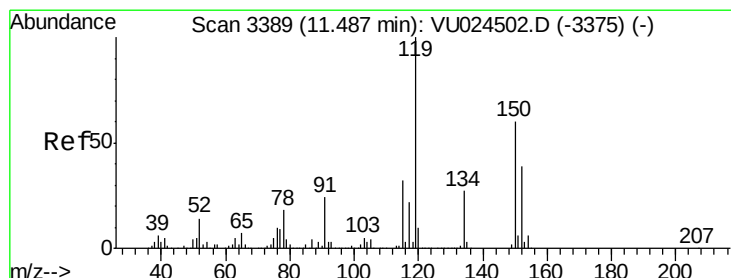
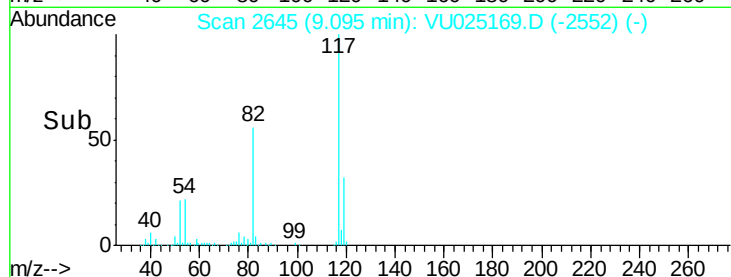
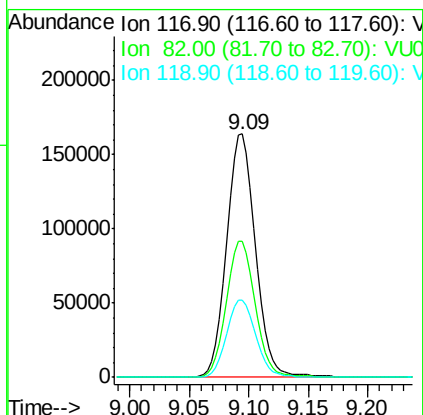
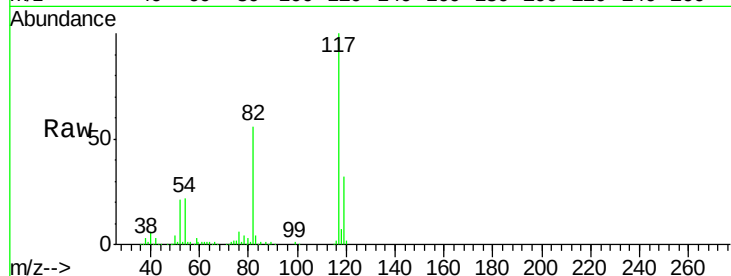




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025169.D
Acq: 03 Jul 2018 03:01

Instrument :
MSVOA_U
ClientSampleId :
BR-3-062818

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.3	66.5
119	31.9	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: VU025169.D
Acq: 03 Jul 2018 03:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	43.0	129.0
150	153.1	0.0	354.0

