

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025164.D
 Acq On : 03 Jul 2018 00:58
 Operator : MD/SY
 Sample : J3809-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BR-2-062818

Quant Time: Jul 03 06:56:23 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	204696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	311596	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	282034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147559	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	155160	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
35) Dibromofluoromethane	4.89	113	122025	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
50) Toluene-d8	7.57	98	438416	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
62) 4-Bromofluorobenzene	10.31	95	160306	42.80	ug/l	0.00
Spiked Amount			Recovery	=	85.60%	

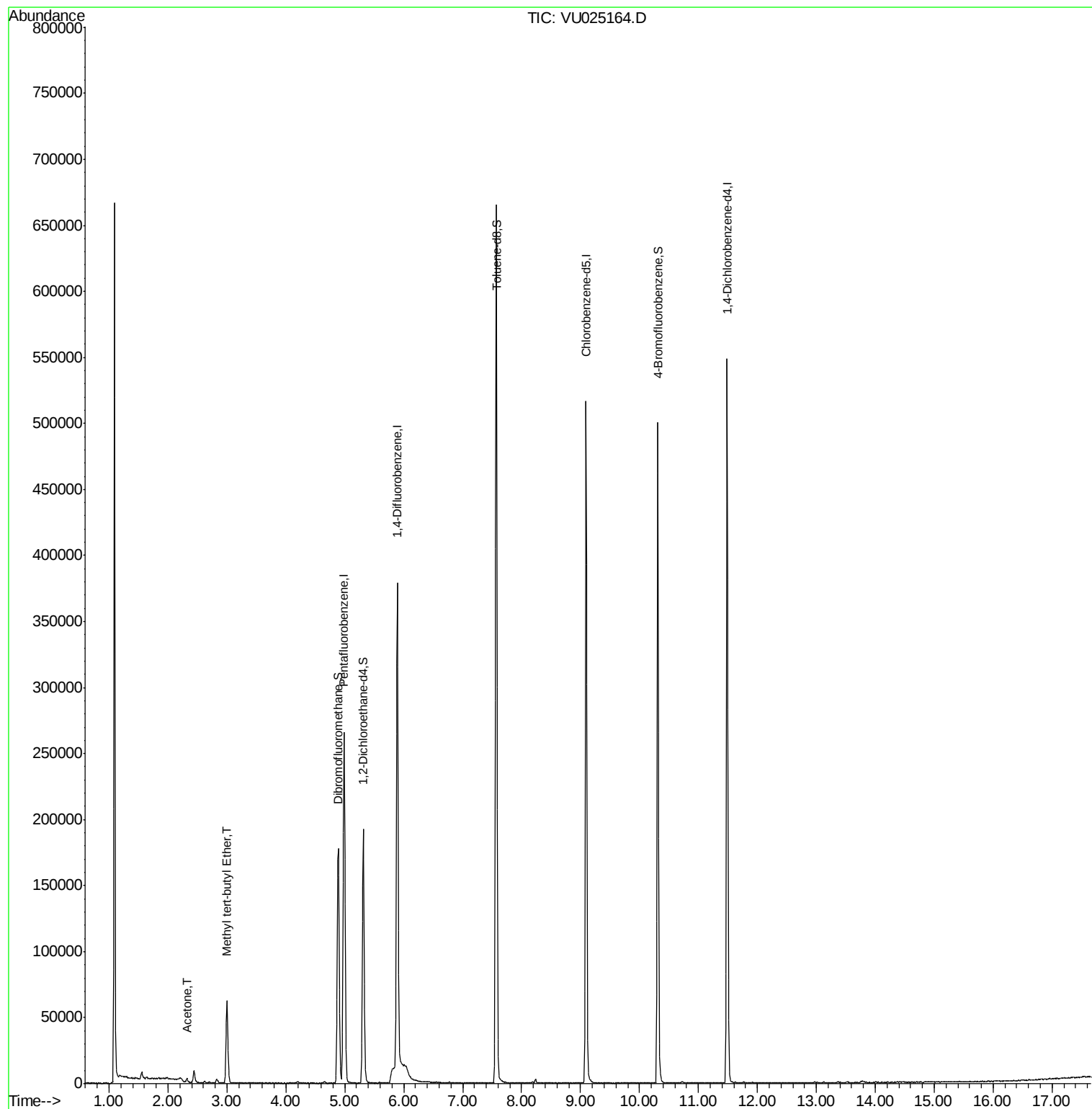
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	3539	1.97	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	66755	7.62	ug/l	93

(#) = 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: VU025164.D

Acq: 03 Jul 2018 00:58

Instrument :

MSVOA_U

ClientSampleId :

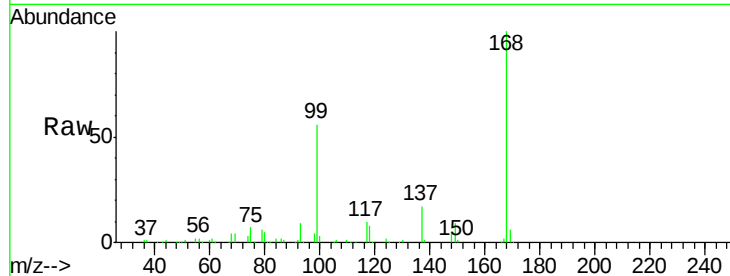
BR-2-062818

Tot Ion:168 Resp: 204696

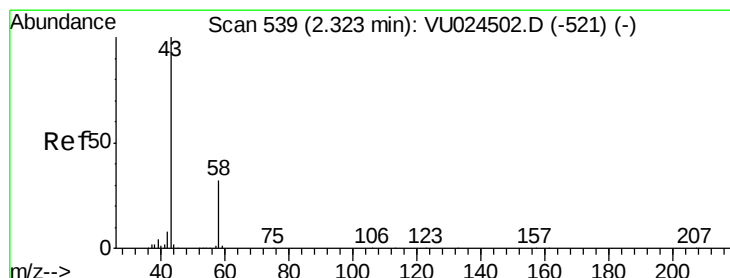
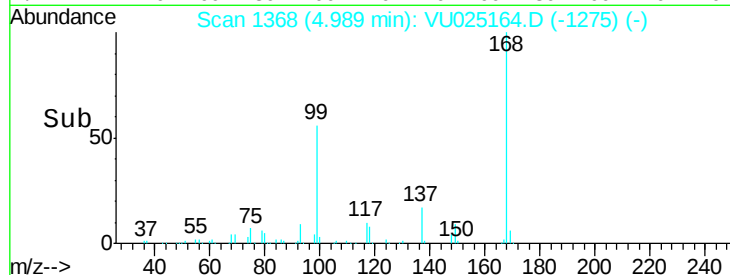
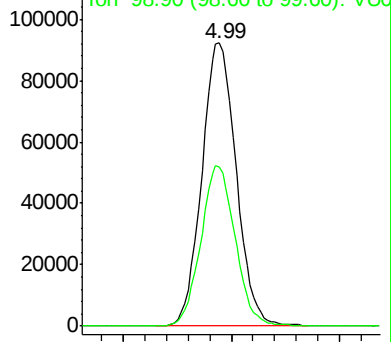
Ion Ratio Lower Upper

168 100

99 56.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025164.D (-1275) (-)



#16

Acetone

Concen: 1.97 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025164.D

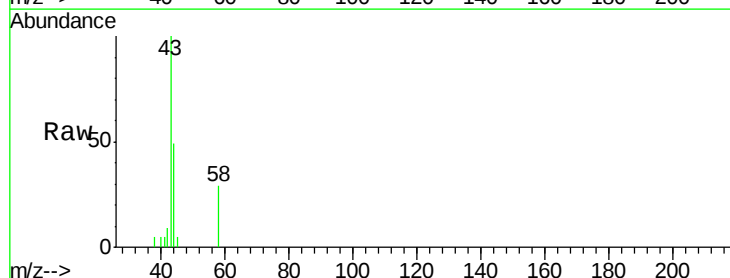
Acq: 03 Jul 2018 00:58

Tgt Ion: 43 Resp: 3539

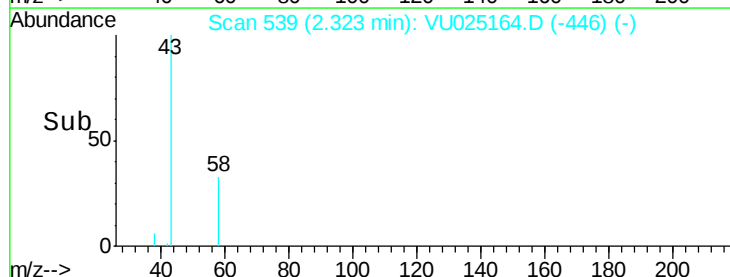
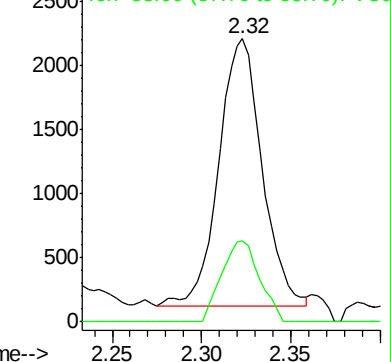
Ion Ratio Lower Upper

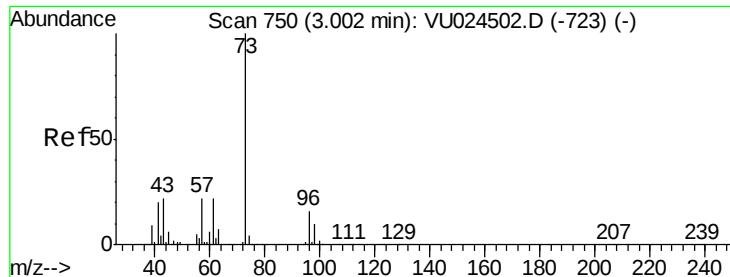
43 100

58 30.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU025164.D (-446) (-)





#19

Methvl tert-butvl Ether

Concen: 7.62 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU025164.D

Acq: 03 Jul 2018 00:58

Instrument :

MSVOA_U

ClientSampleId :

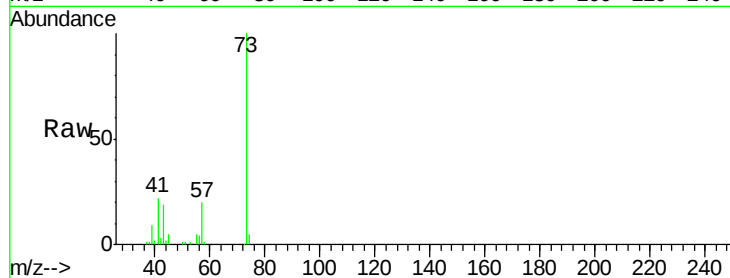
BR-2-062818

Tot Ion: 73 Resp: 66755

Ion Ratio Lower Upper

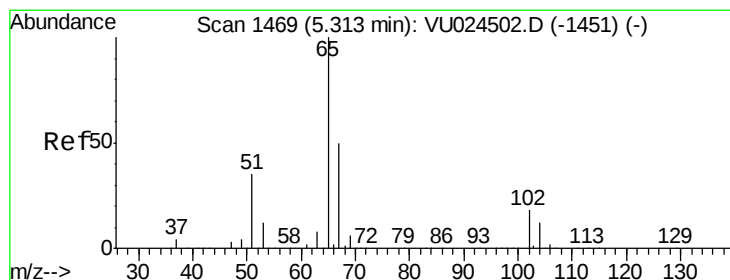
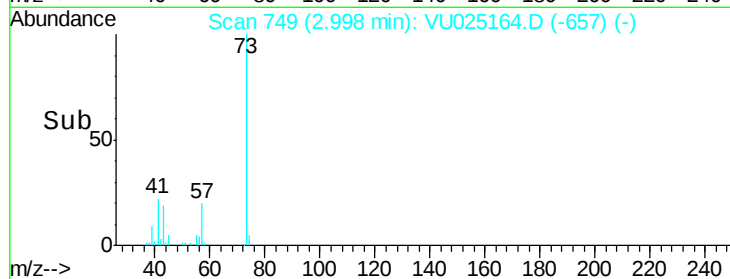
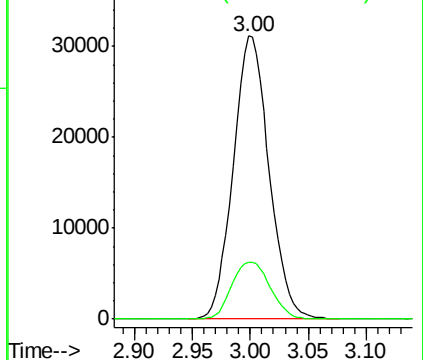
73 100

57 20.1 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 46.43 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025164.D

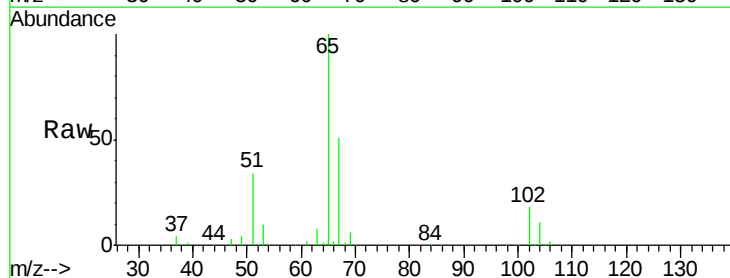
Acq: 03 Jul 2018 00:58

Tgt Ion: 65 Resp: 155160

Ion Ratio Lower Upper

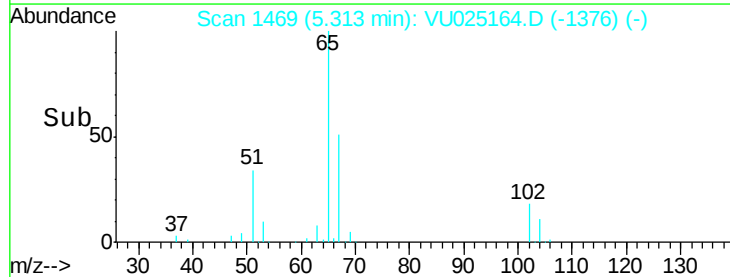
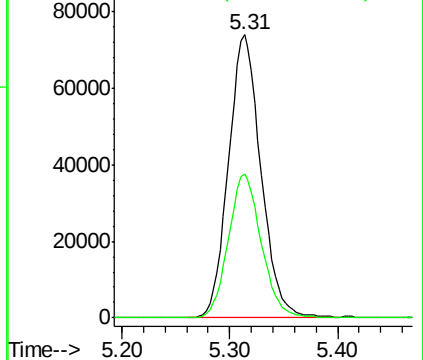
65 100

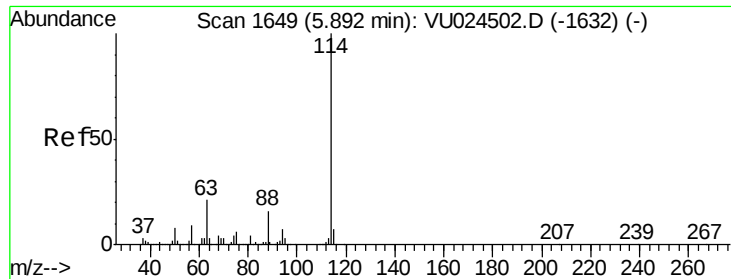
67 51.5 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025164.D

Acq: 03 Jul 2018 00:58

Instrument :

MSVOA_U

ClientSampleId :

BR-2-062818

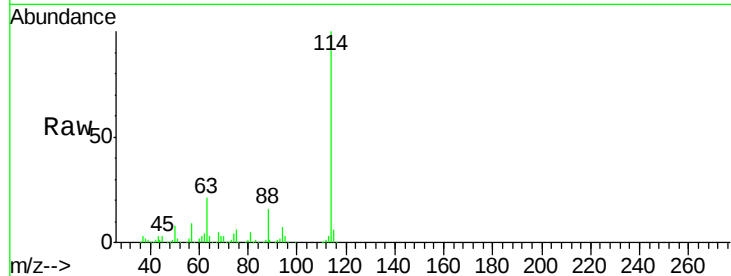
Tot Ion:114 Resp: 311596

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.4

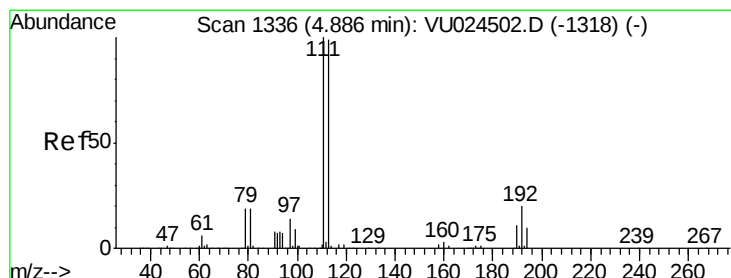
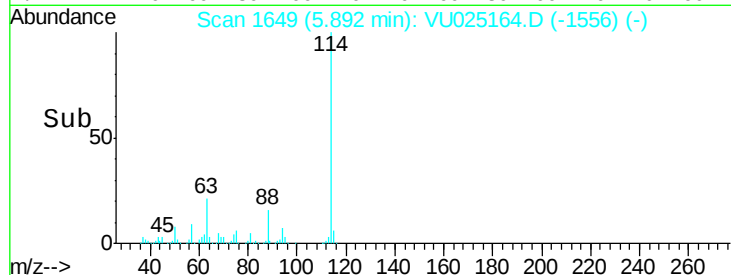
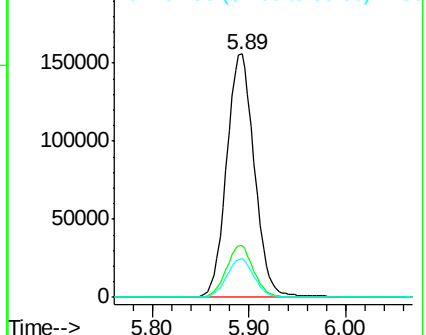
88 15.8 0.0 31.0



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: 47.19 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025164.D

Acq: 03 Jul 2018 00:58

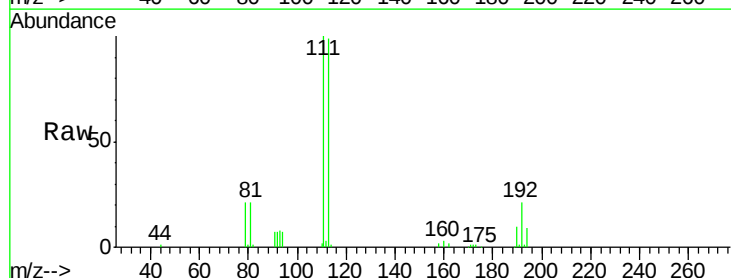
Tgt Ion:113 Resp: 122025

Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

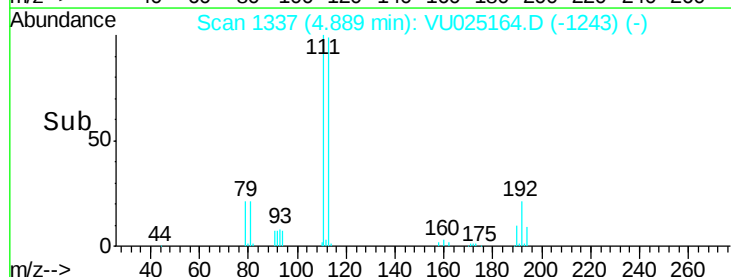
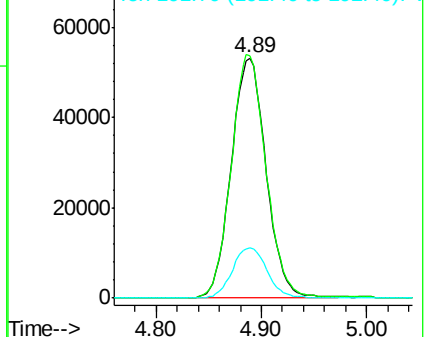
192 20.9 16.2 24.4

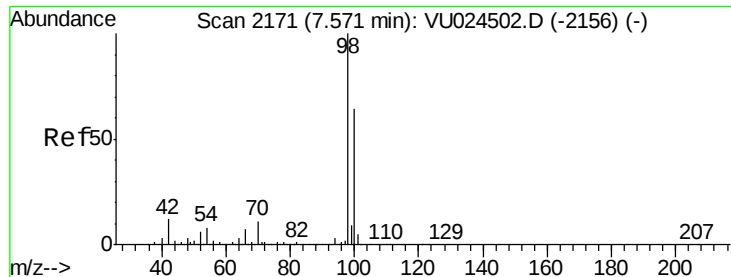


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.48 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025164.D

Acq: 03 Jul 2018 00:58

Instrument :

MSVOA_U

ClientSampleId :

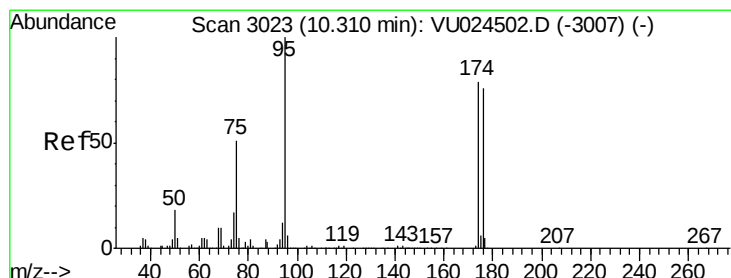
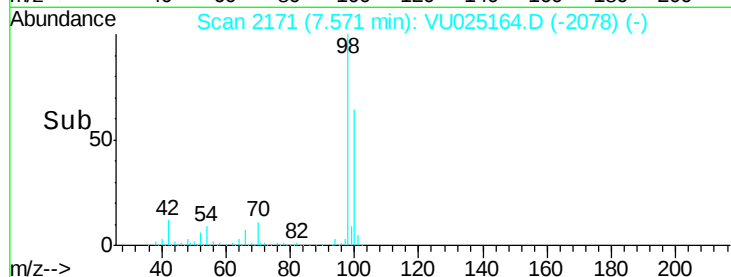
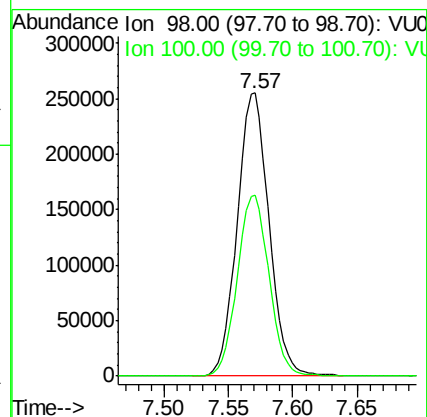
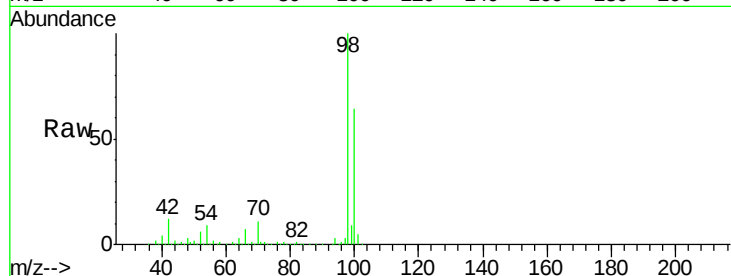
BR-2-062818

Tot Ion: 98 Resp: 438416

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 42.80 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025164.D

Acq: 03 Jul 2018 00:58

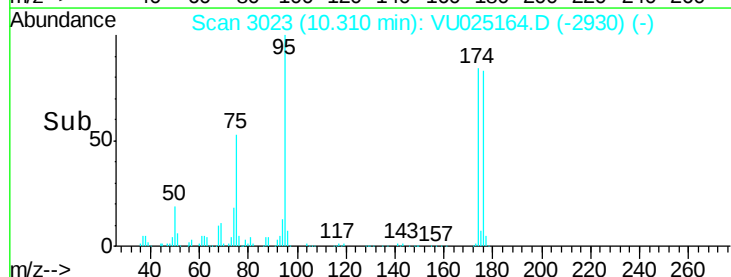
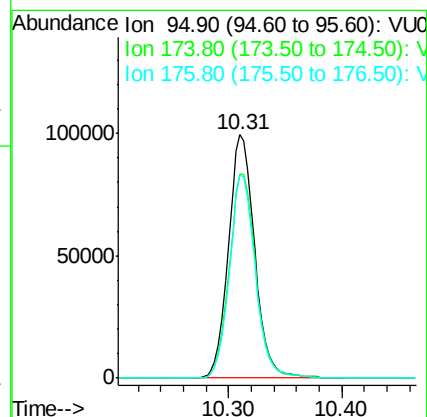
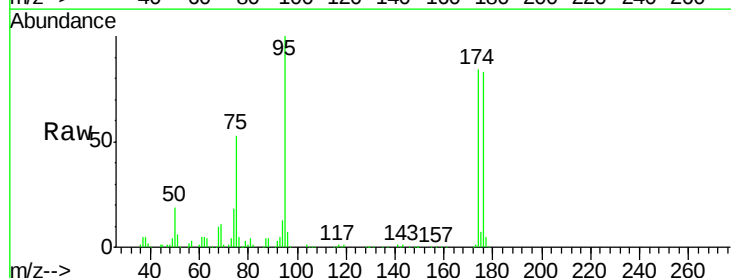
Tgt Ion: 95 Resp: 160306

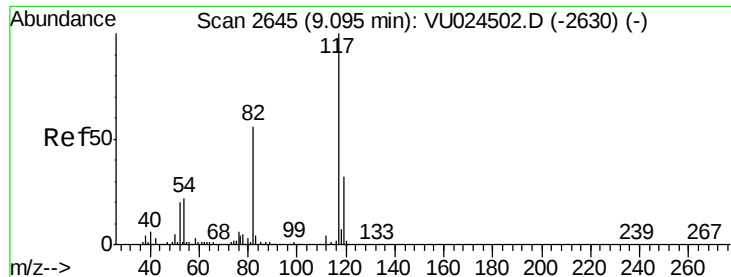
Ion Ratio Lower Upper

95 100

174 85.4 0.0 165.8

176 82.5 0.0 159.4

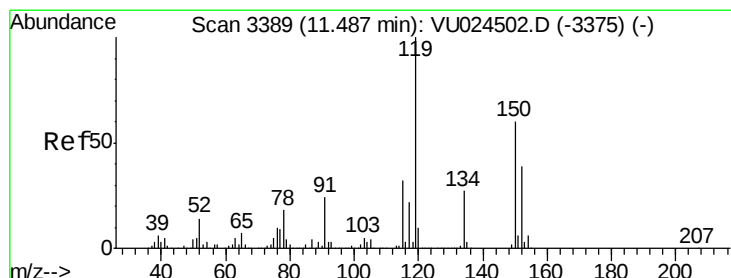
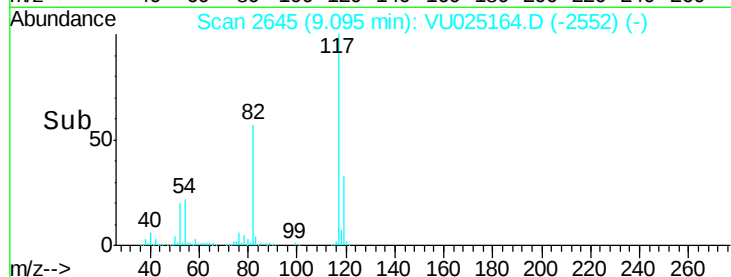
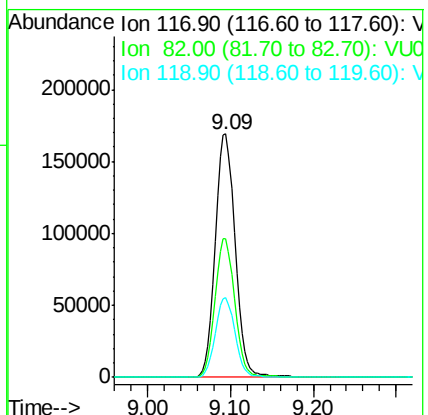
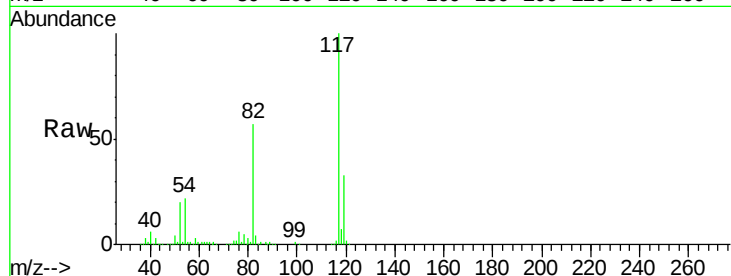




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025164.D
Acq: 03 Jul 2018 00:58

Instrument :
MSVOA_U
ClientSampleId :
BR-2-062818

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.3	66.5
119	32.7	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: VU025164.D
Acq: 03 Jul 2018 00:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	43.0	129.0
150	154.8	0.0	354.0

