

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024767.D
 Acq On : 20 Jun 2018 19:09
 Operator : MD/SY
 Sample : I-BLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 I-BLK

Quant Time: Jun 21 08:08:43 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	194932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303229	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	281957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155114	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	134959	42.41	ug/l	0.00
Spiked Amount			Recovery	=	84.82%	
35) Dibromofluoromethane	4.89	113	116067	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
50) Toluene-d8	7.57	98	440117	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	10.31	95	159679	43.81	ug/l	0.00
Spiked Amount			Recovery	=	87.62%	

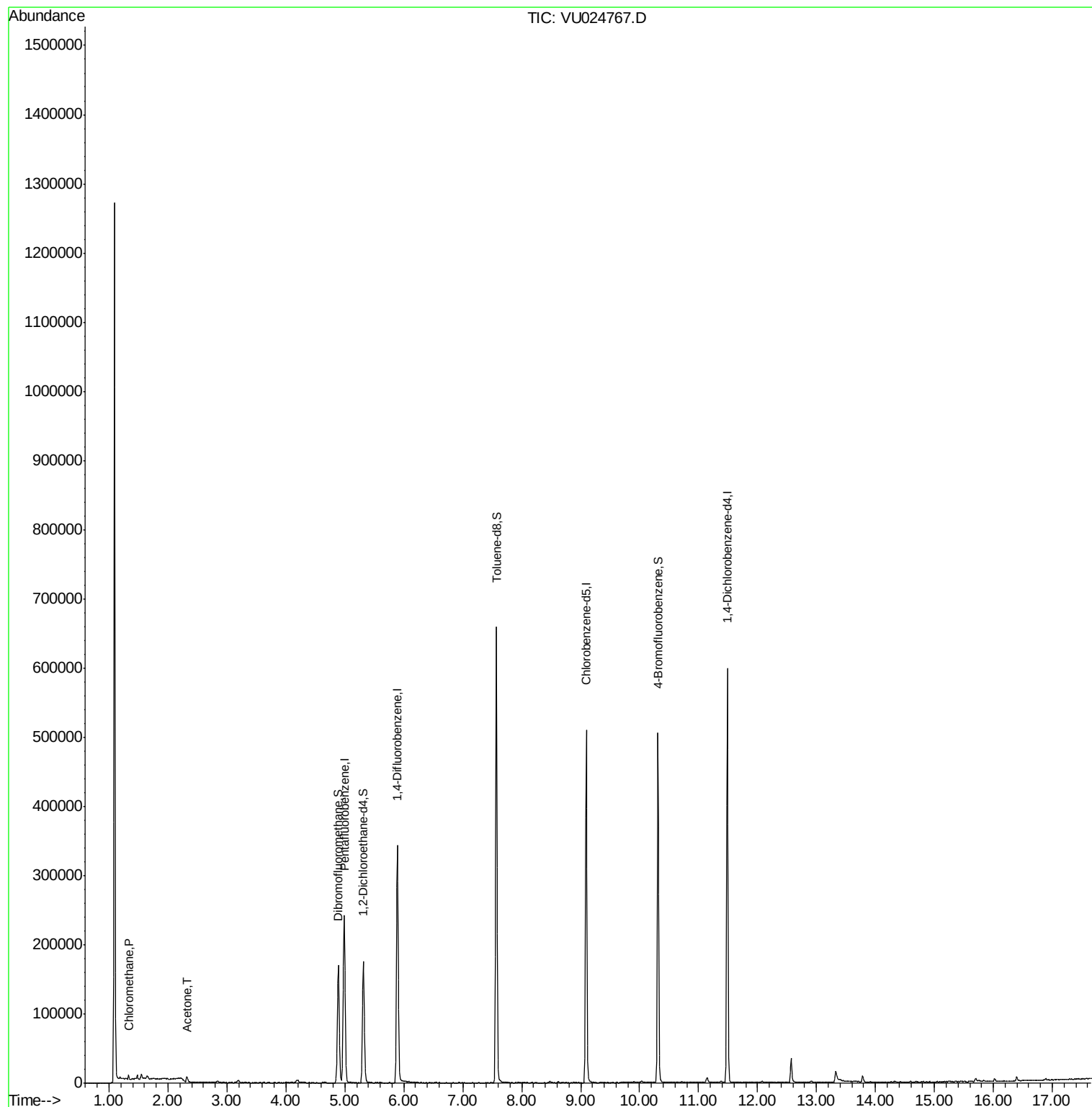
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	3735	1.50	ug/l	93
16) Acetone	2.32	43	7645	4.47	ug/l	97

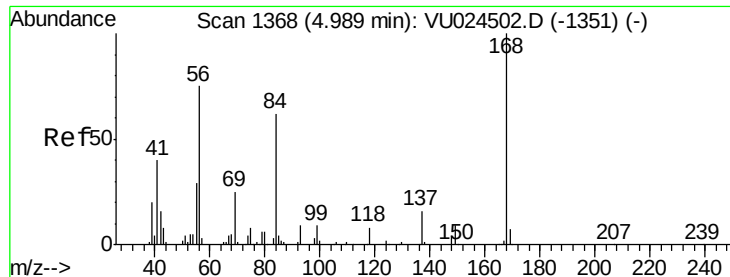
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024767.D

Acq: 20 Jun 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

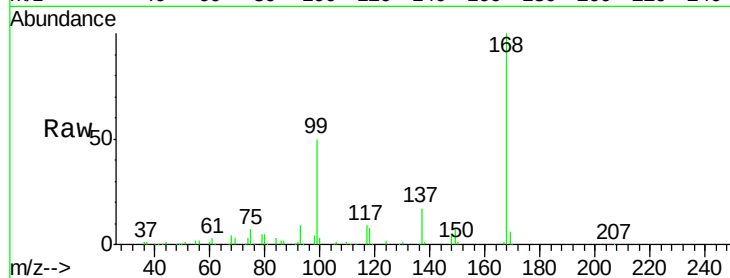
I-BLK

Tot Ion:168 Resp: 194932

Ion Ratio Lower Upper

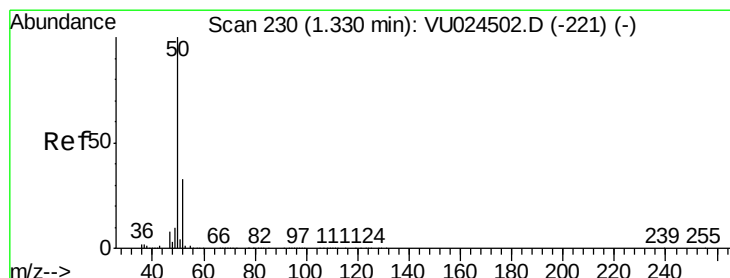
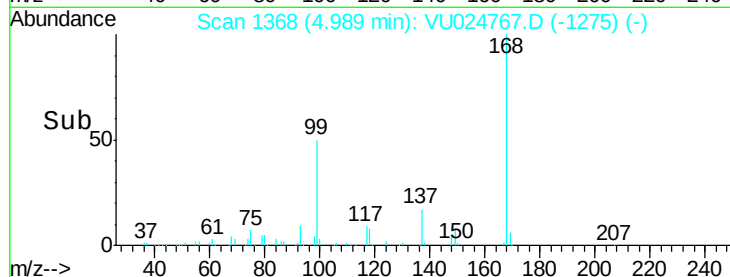
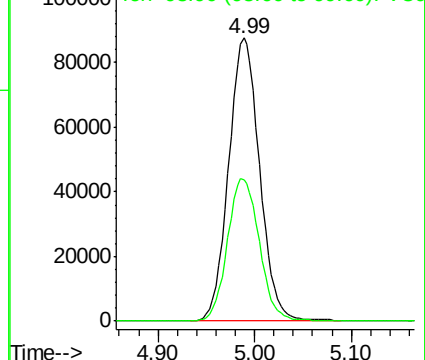
168 100

99 50.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#3

Chloromethane

Concen: 1.50 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024767.D

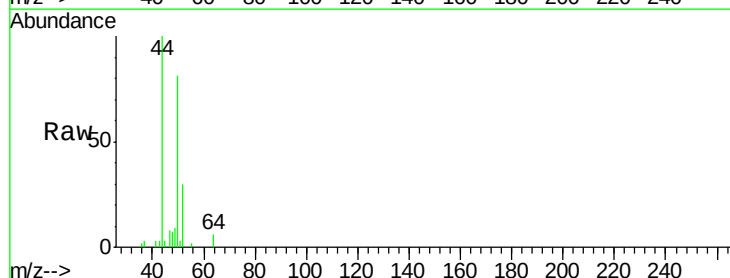
Acq: 20 Jun 2018 19:09

Tgt Ion: 50 Resp: 3735

Ion Ratio Lower Upper

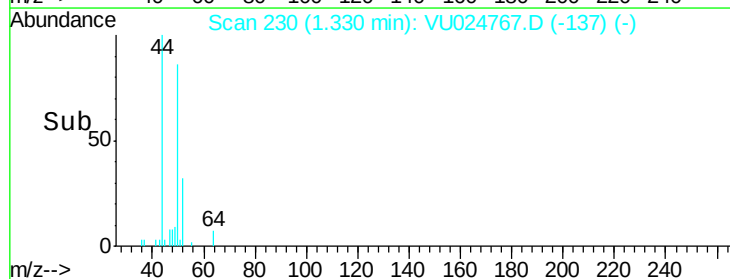
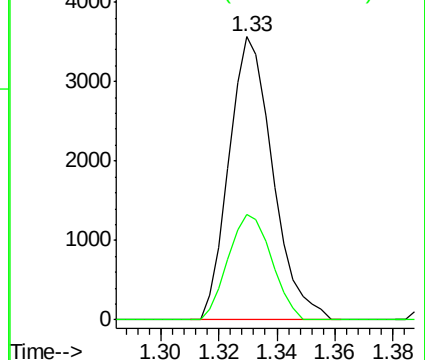
50 100

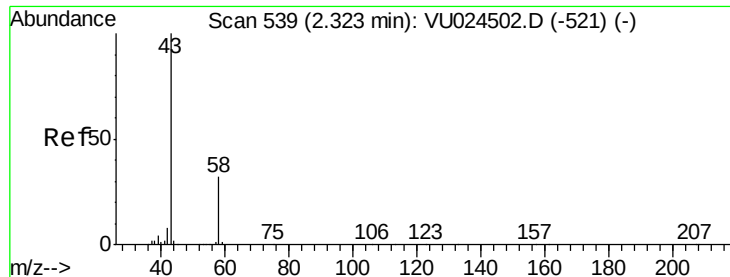
52 37.1 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)





#16

Acetone

Concen: 4.47 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024767.D

Acq: 20 Jun 2018 19:09

Instrument :

MSVOA_U

ClientSampled :

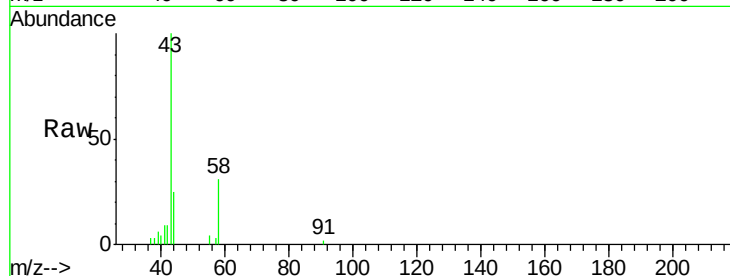
I-BLK

Tot Ion: 43 Resp: 7645

Ion Ratio Lower Upper

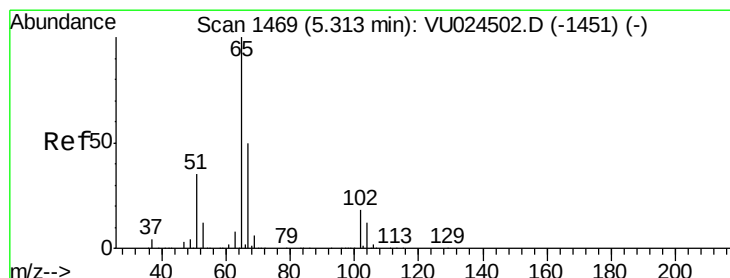
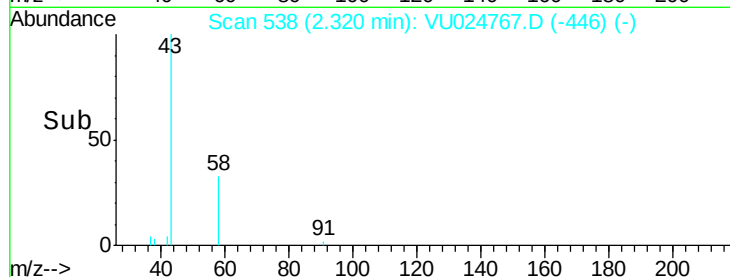
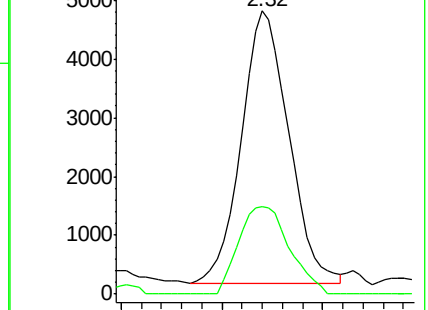
43 100

58 31.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)



#33

1,2-Dichloroethane-d4

Concen: 42.41 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024767.D

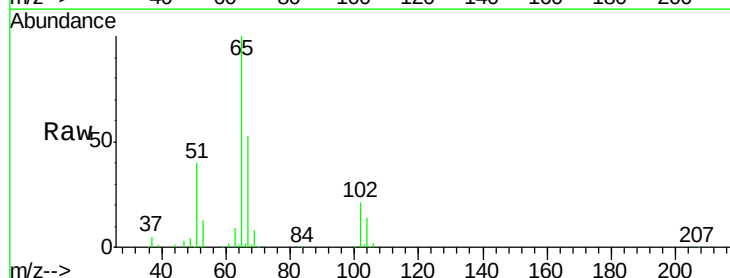
Acq: 20 Jun 2018 19:09

Tgt Ion: 65 Resp: 134959

Ion Ratio Lower Upper

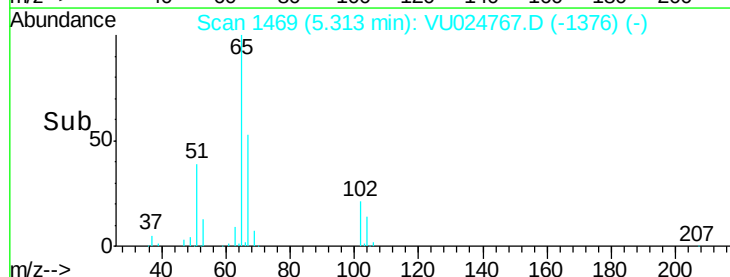
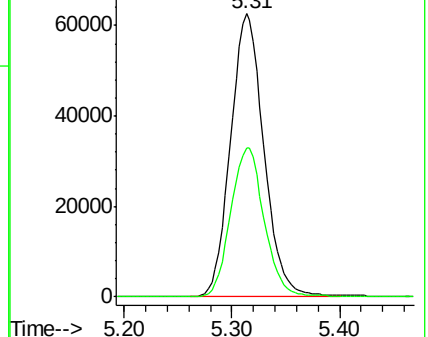
65 100

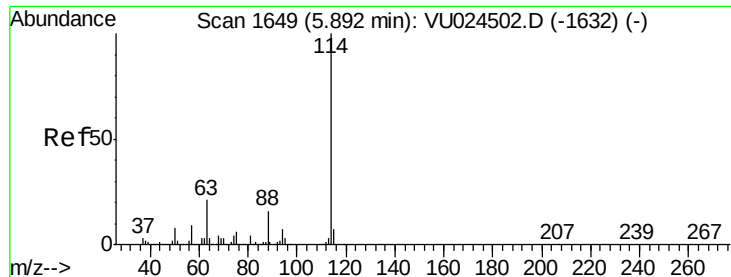
67 52.9 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024502.D (-1451) (-)

Ion 66.90 (66.60 to 67.60): VU024502.D (-1451) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024767.D

Acq: 20 Jun 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

I-BLK

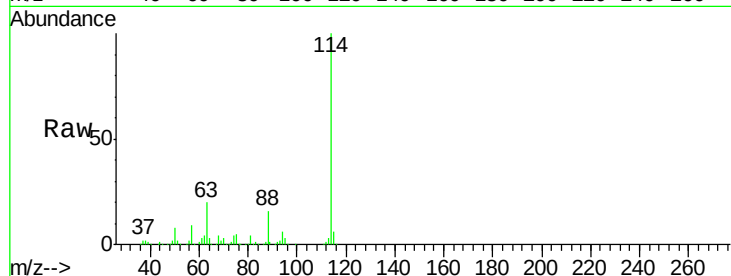
Tot Ion:114 Resp: 303229

Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.4

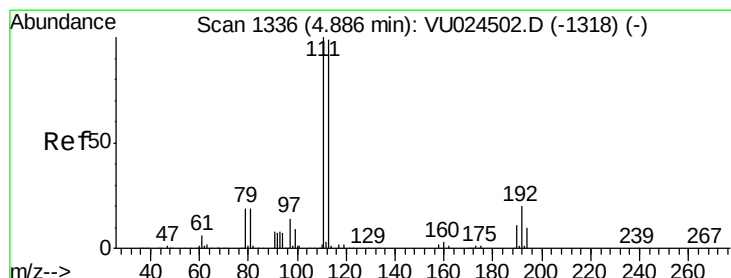
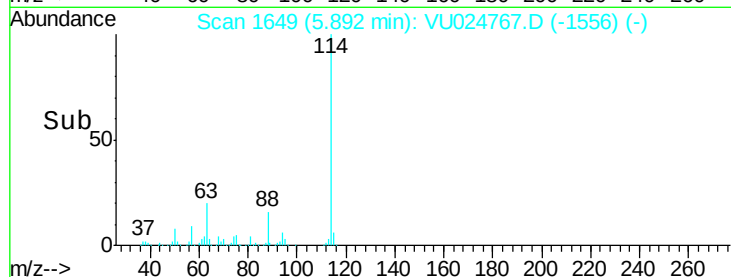
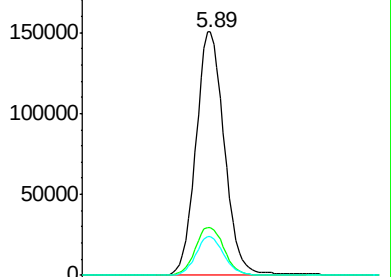
88 16.0 0.0 31.0



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: 46.12 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024767.D

Acq: 20 Jun 2018 19:09

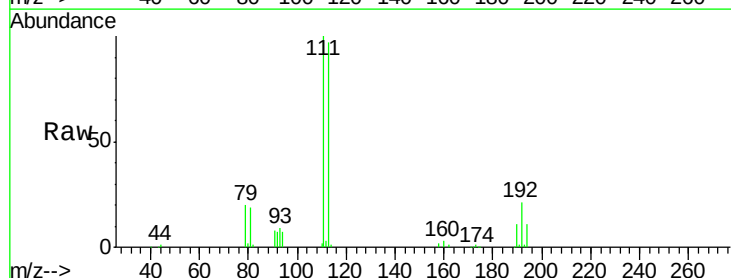
Tgt Ion:113 Resp: 116067

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

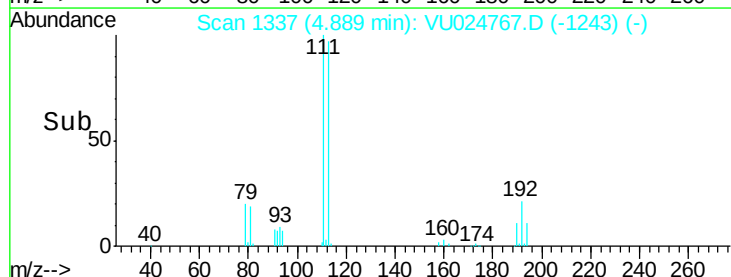
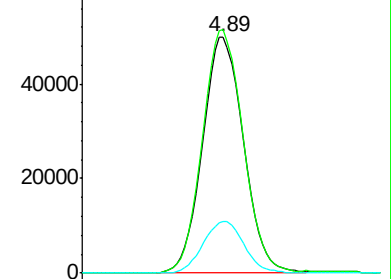
192 21.9 16.2 24.4

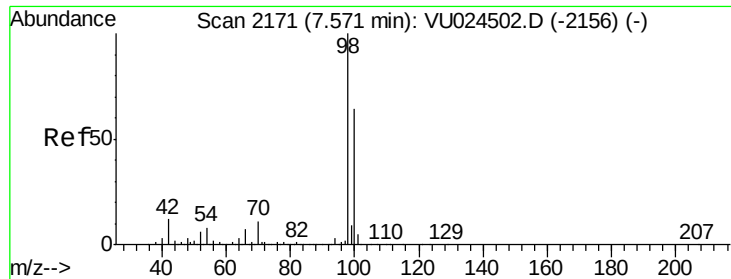


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.95 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU024767.D

Acq: 20 Jun 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

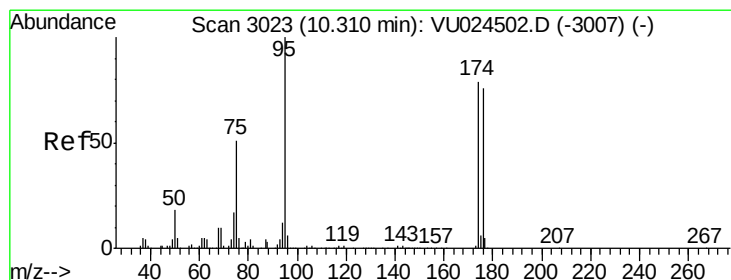
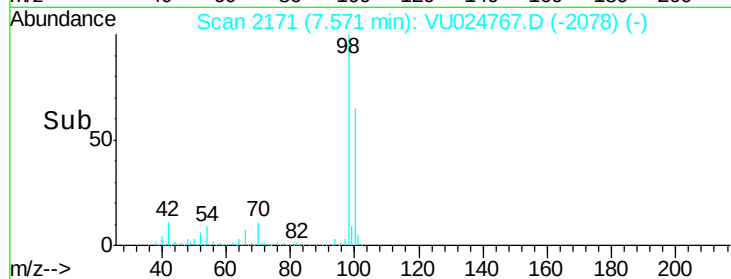
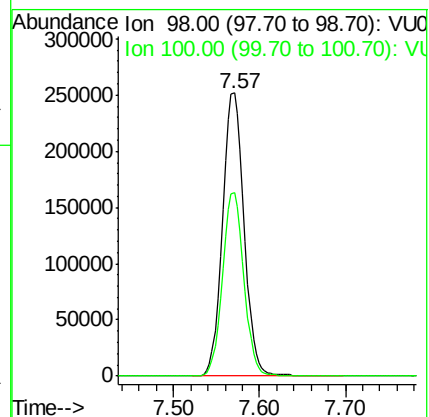
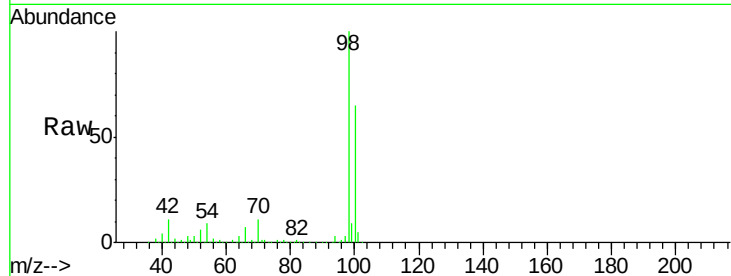
I-BLK

Tot Ion: 98 Resp: 440117

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.81 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024767.D

Acq: 20 Jun 2018 19:09

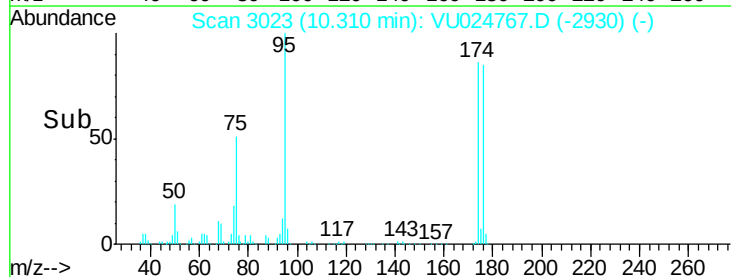
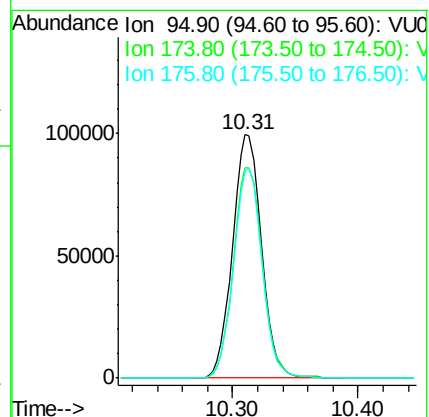
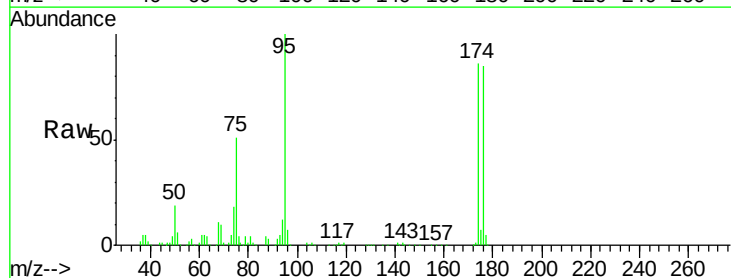
Tgt Ion: 95 Resp: 159679

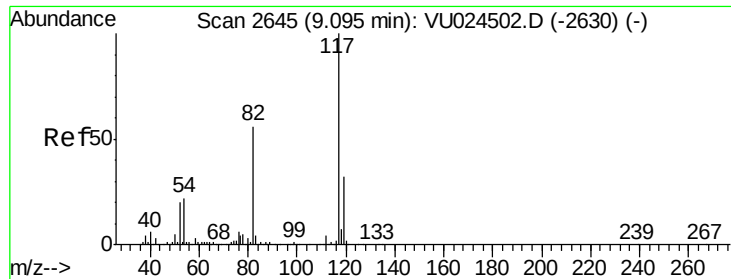
Ion Ratio Lower Upper

95 100

174 86.9 0.0 165.8

176 84.8 0.0 159.4

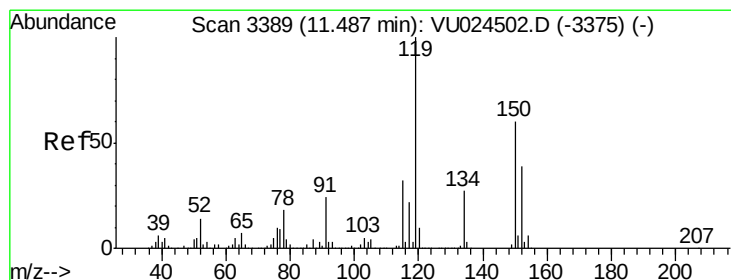
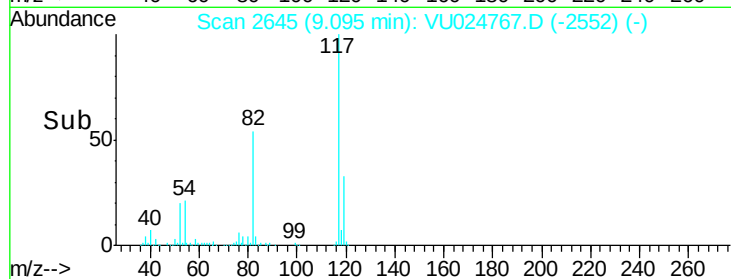
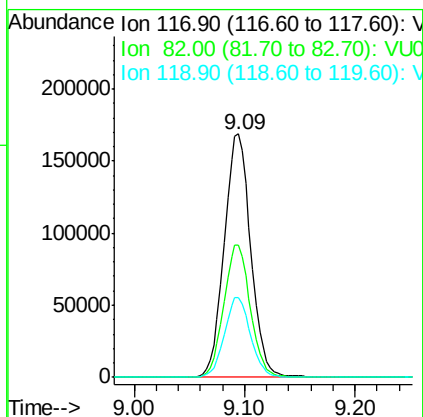
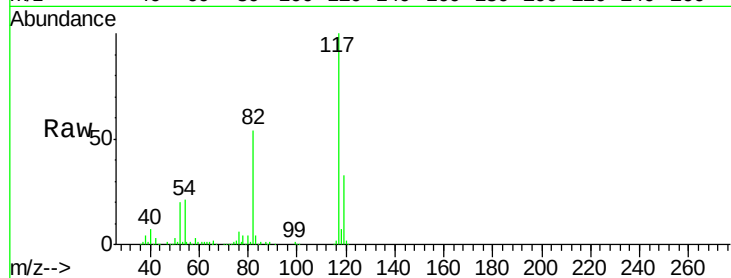




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024767.D
Acq: 20 Jun 2018 19:09

Instrument :
MSVOA_U
ClientSampled :
I-BLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.3	66.5
119	33.0	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: VU024767.D
Acq: 20 Jun 2018 19:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	43.0	129.0
150	156.5	0.0	354.0

