

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024762.D
 Acq On : 20 Jun 2018 17:07
 Operator : MD/SY
 Sample : J3577-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 540-IW-6

Quant Time: Jun 20 17:58:30 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

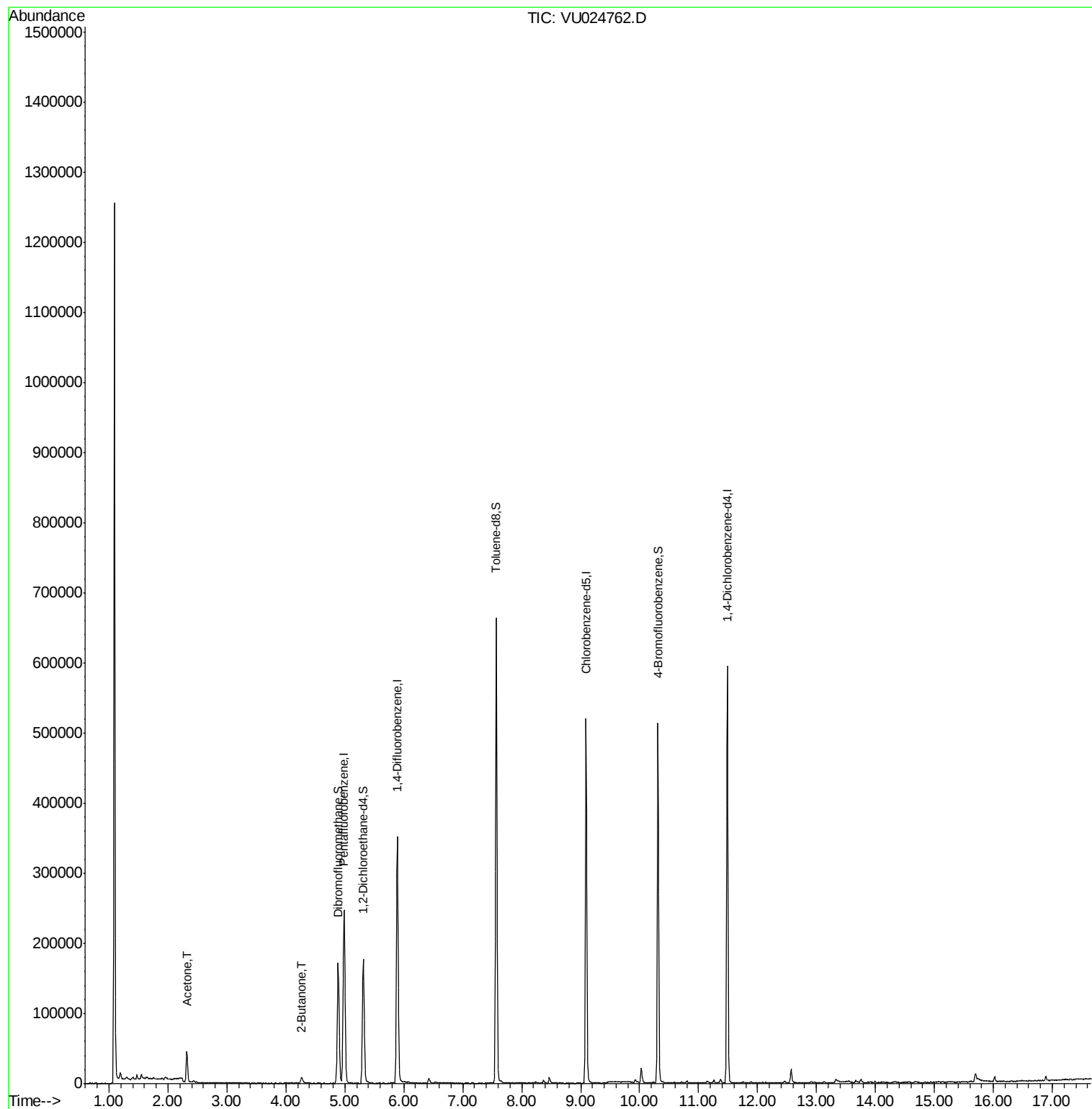
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	197218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	305166	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	282496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	138190	42.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.84%	
35) Dibromofluoromethane	4.89	113	117547	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	7.57	98	443477	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
62) 4-Bromofluorobenzene	10.31	95	161637	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
Target Compounds						
16) Acetone	2.32	43	45850	26.50	ug/l	Qvalue 94
25) 2-Butanone	4.27	43	14013	6.03	ug/l	100

(#) = 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# 1367

Delta R.T. -0.00 min

Lab File: VU024762.D

Acq: 20 Jun 2018 17:07

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ClientSampleId :

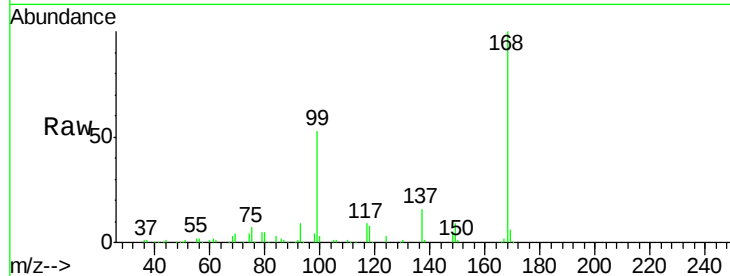
540-IW-6

Tot Ion:168 Resp: 197218

Ion Ratio Lower Upper

168 100

99 52.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

80000

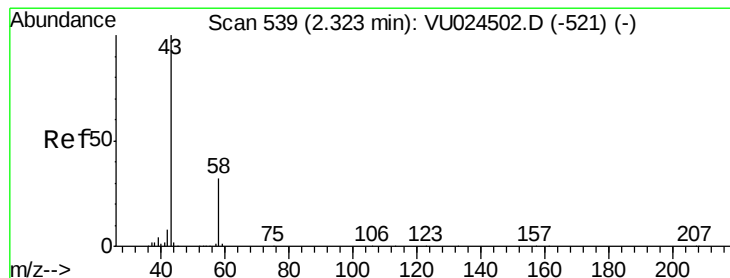
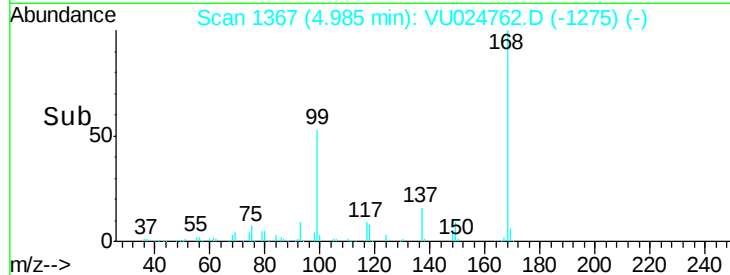
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 26.50 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024762.D

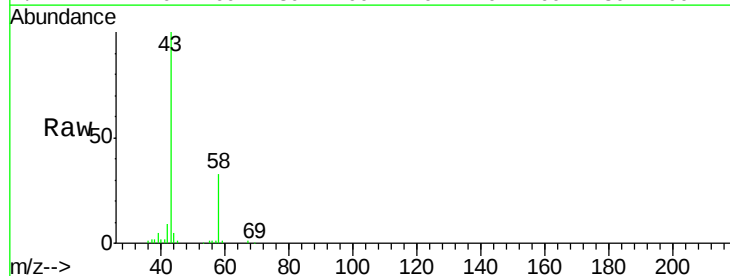
Acq: 20 Jun 2018 17:07

Tgt Ion: 43 Resp: 45850

Ion Ratio Lower Upper

43 100

58 33.6 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

30000

25000

20000

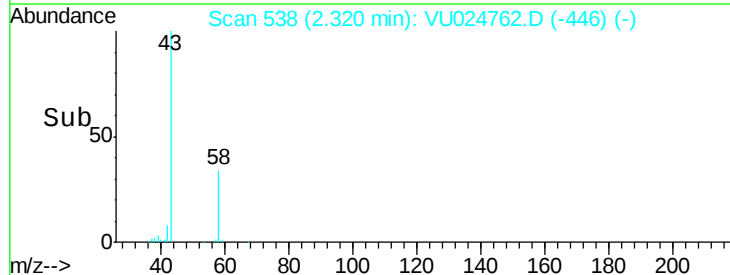
15000

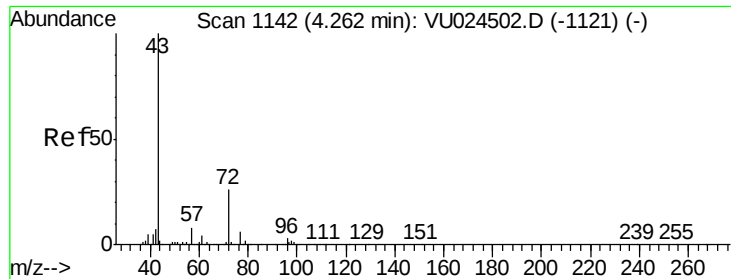
10000

5000

0

Time-->





#25

2-Butanone

Concen: 6.03 ug/l

RT: 4.27 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU024762.D

Acq: 20 Jun 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

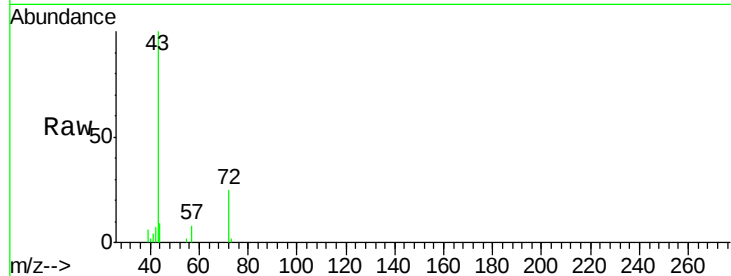
540-IW-6

Tot Ion: 43 Resp: 14013

Ion Ratio Lower Upper

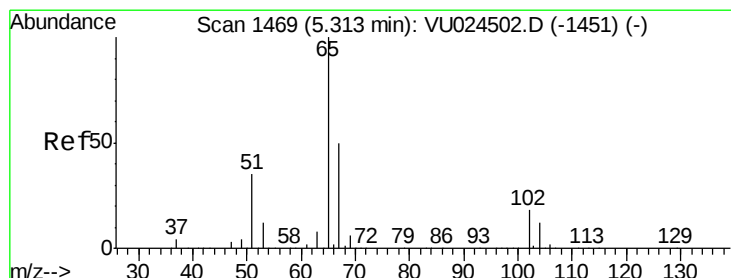
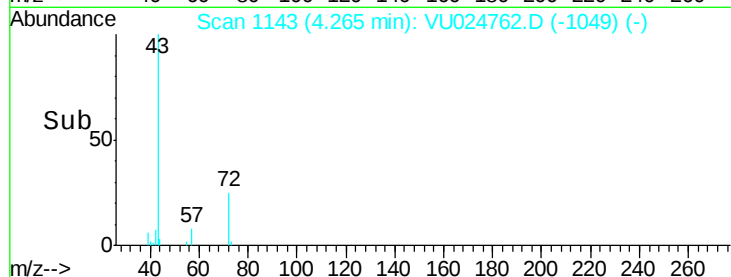
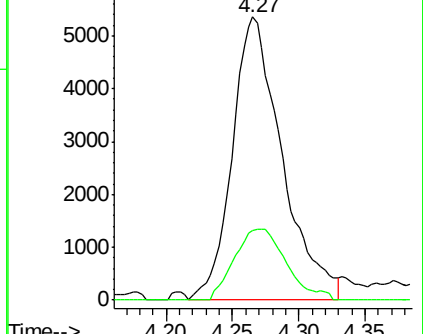
43 100

72 24.6 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 42.92 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024762.D

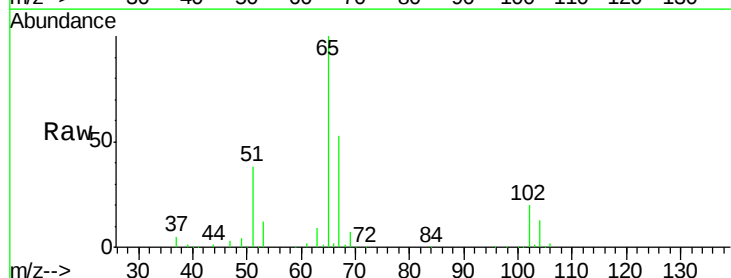
Acq: 20 Jun 2018 17:07

Tgt Ion: 65 Resp: 138190

Ion Ratio Lower Upper

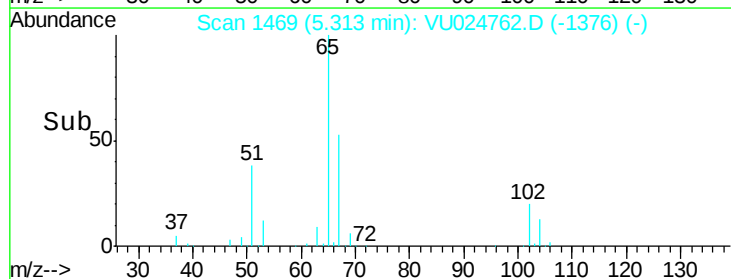
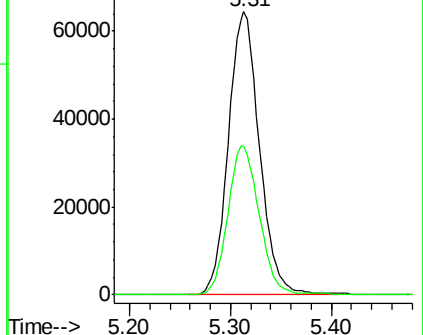
65 100

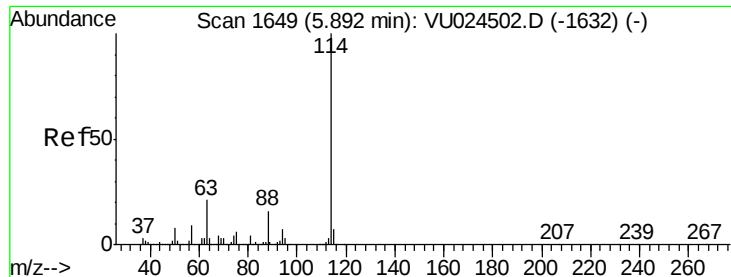
67 53.4 0.0 107.0



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# 1648

Delta R.T. -0.00 min

Lab File: VU024762.D

Acq: 20 Jun 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

540-IW-6

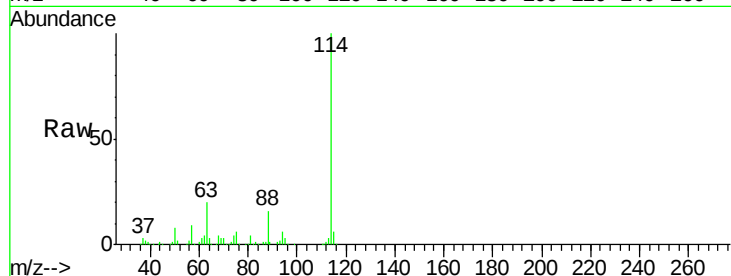
Tot Ion:114 Resp: 305166

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.4

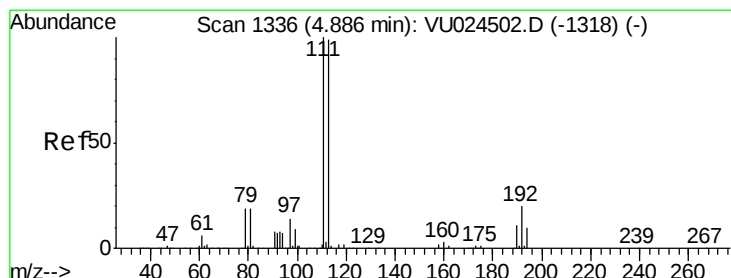
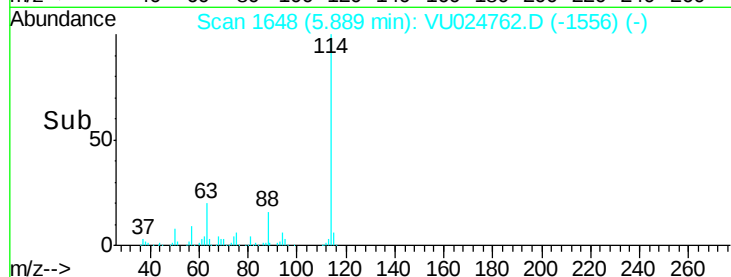
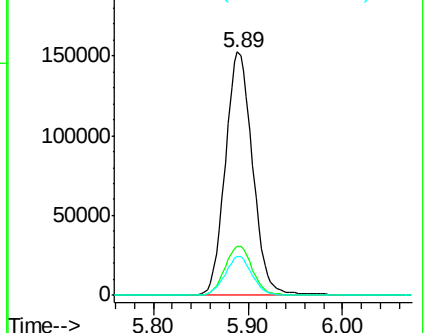
88 16.1 0.0 31.0



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: 46.41 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024762.D

Acq: 20 Jun 2018 17:07

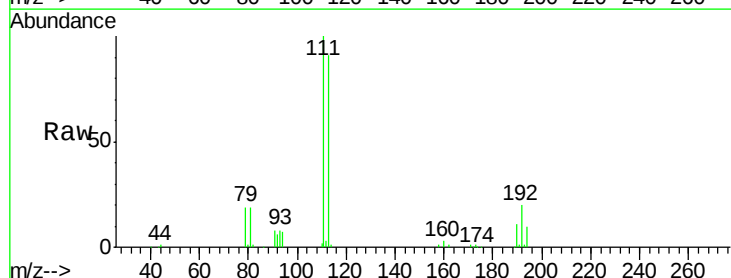
Tgt Ion:113 Resp: 117547

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

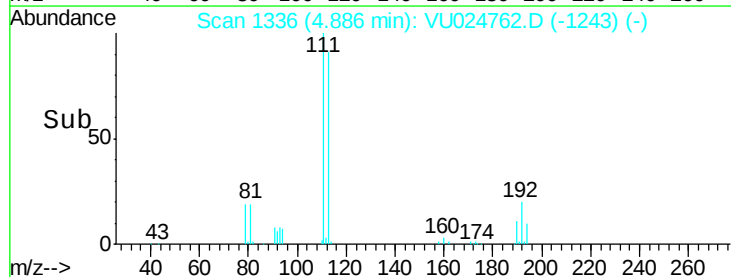
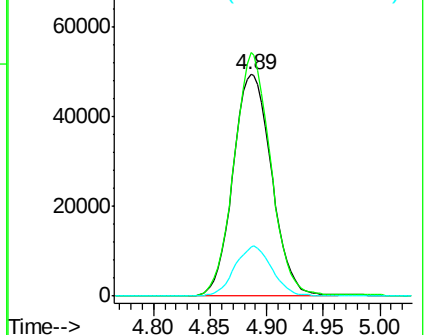
192 21.7 16.2 24.4

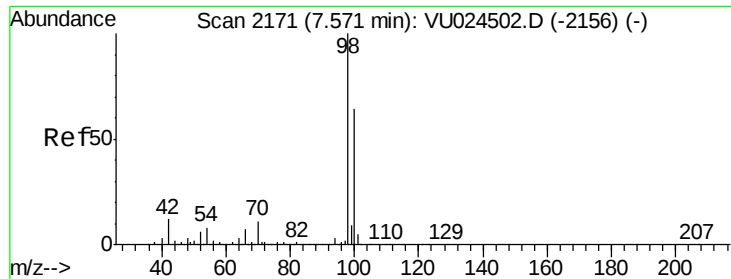


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.01 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024762.D

Acq: 20 Jun 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

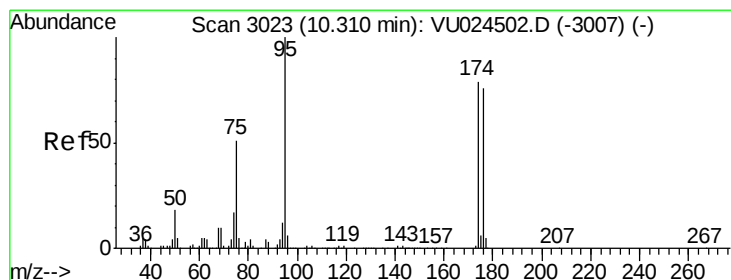
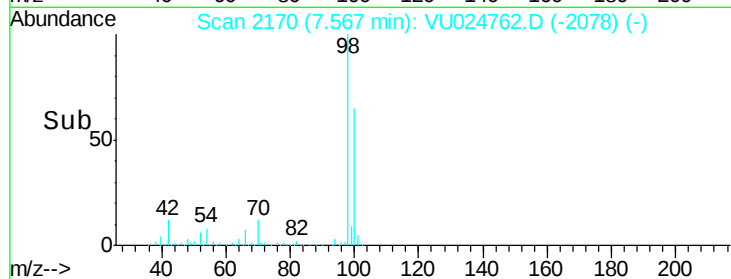
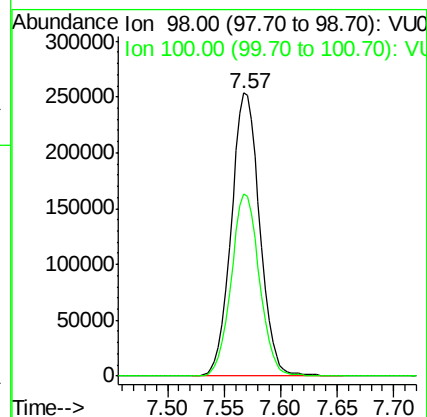
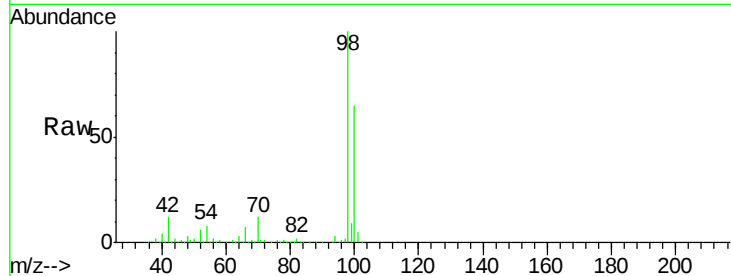
540-IW-6

Tot Ion: 98 Resp: 443477

Ion Ratio Lower Upper

98 100

100 63.8 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: VU024762.D

Acq: 20 Jun 2018 17:07

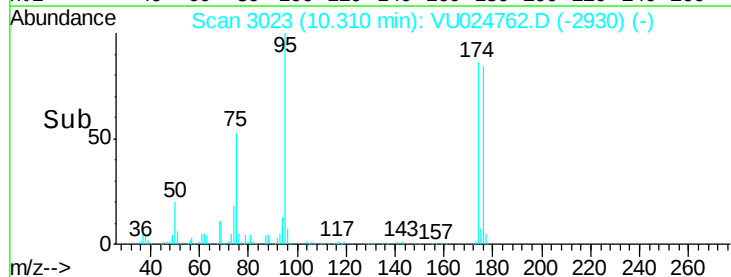
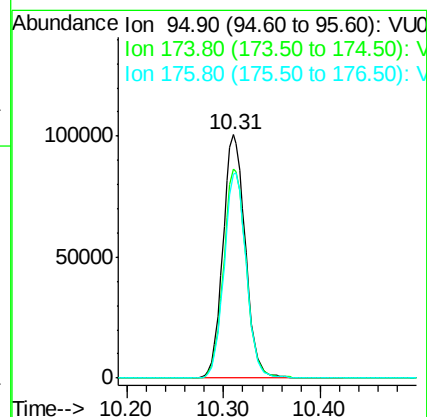
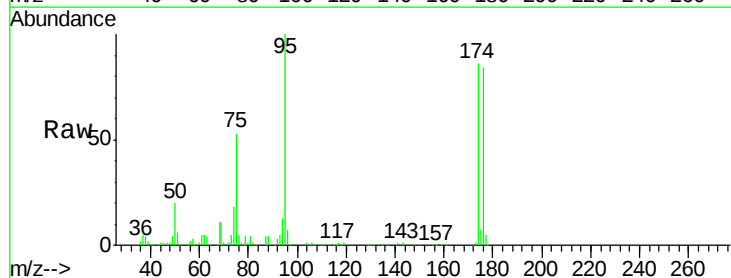
Tgt Ion: 95 Resp: 161637

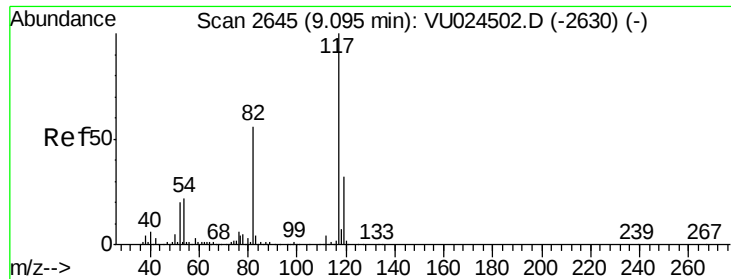
Ion Ratio Lower Upper

95 100

174 85.9 0.0 165.8

176 83.4 0.0 159.4

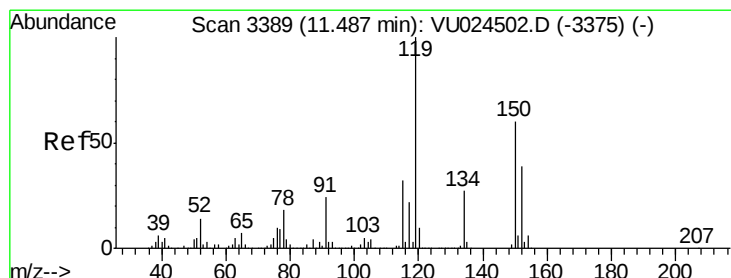
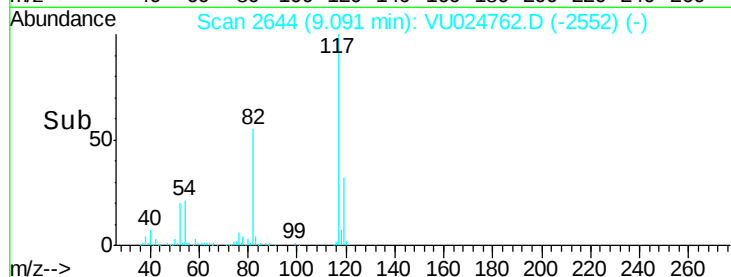
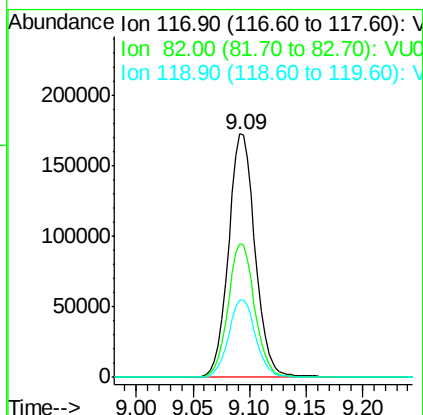
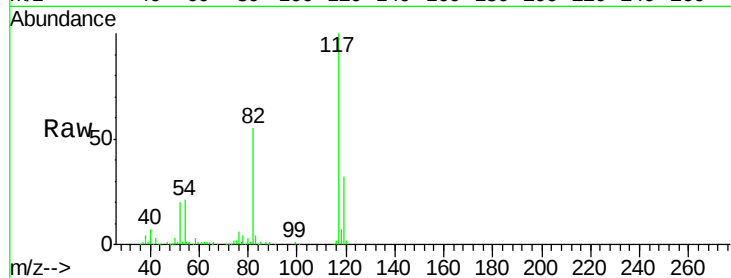




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024762.D
Acq: 20 Jun 2018 17:07

Instrument :
MSVOA_U
ClientSampleId :
540-IW-6

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.3	66.5
119	31.7	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: VU024762.D
Acq: 20 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	43.0	129.0
150	155.1	0.0	354.0

