

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024758.D
 Acq On : 20 Jun 2018 15:23
 Operator : MD/SY
 Sample : J3577-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 546-IW-22

Quant Time: Jun 20 16:50:38 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	197951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	310745	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155560	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	139322	43.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.22%	
35) Dibromofluoromethane	4.89	113	120739	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
50) Toluene-d8	7.57	98	447396	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
62) 4-Bromofluorobenzene	10.31	95	161518	43.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.50%	

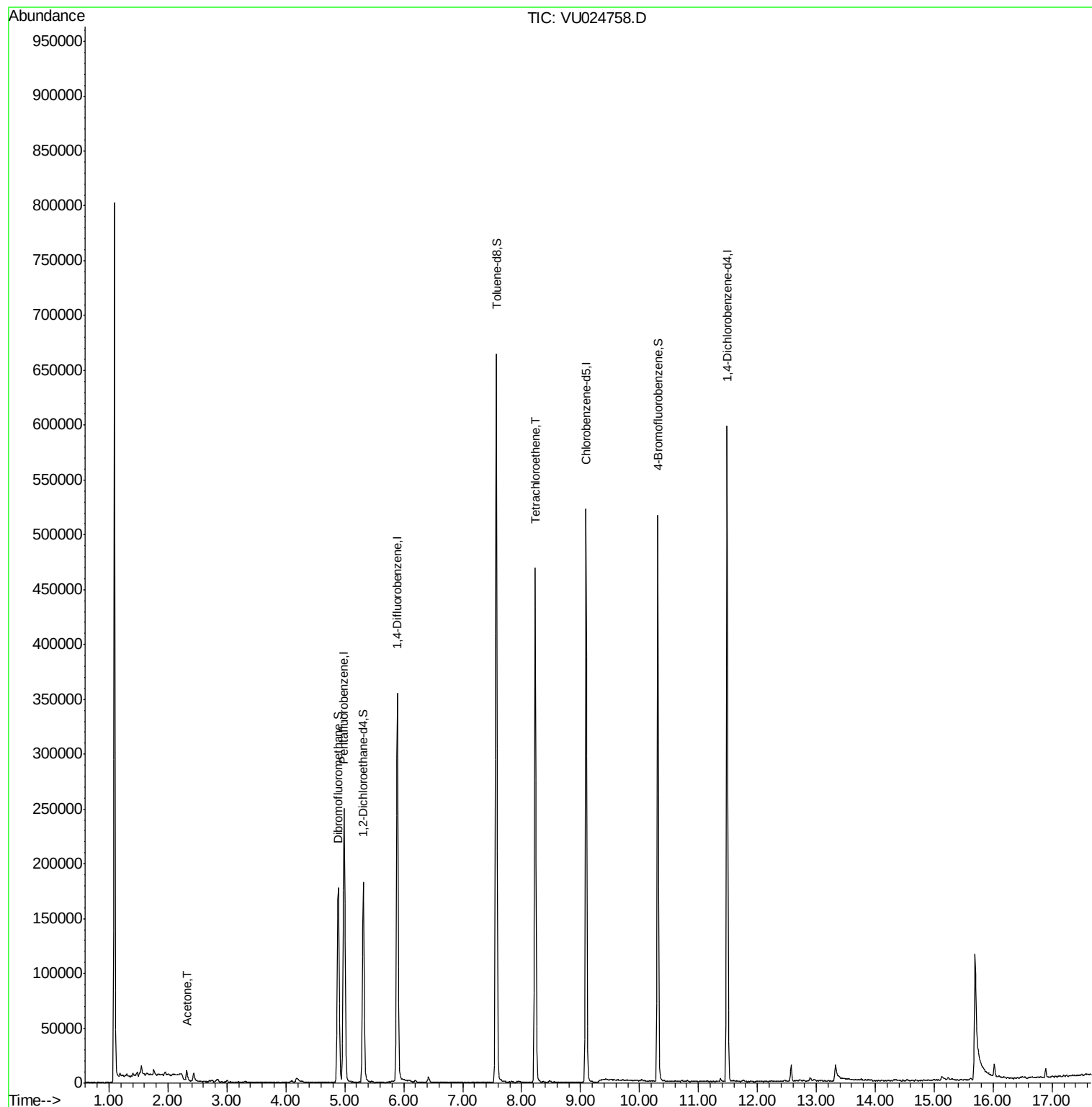
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	9416	5.42	ug/l	92
64) Tetrachloroethene	8.23	164	105725	38.69	ug/l	98

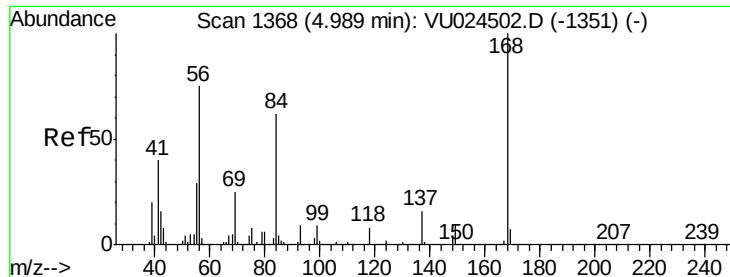
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024758.D

Acq: 20 Jun 2018 15:23

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MSVOA_U

ClientSampleId :

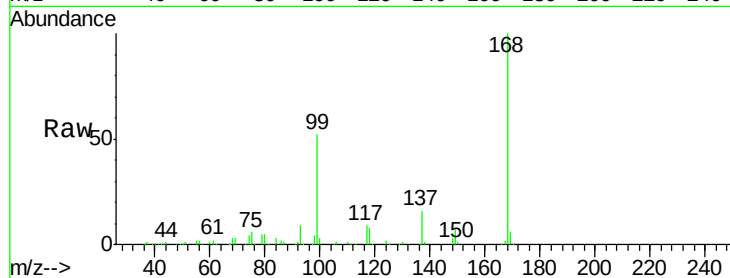
546-IW-22

Tot Ion:168 Resp: 197951

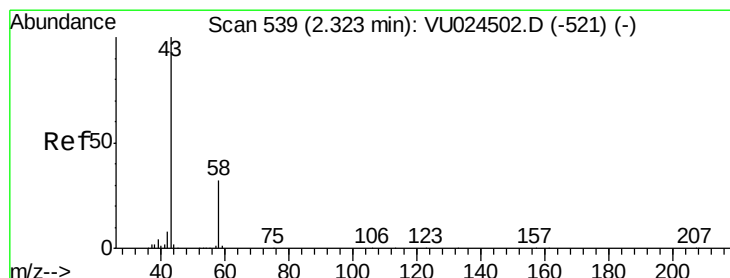
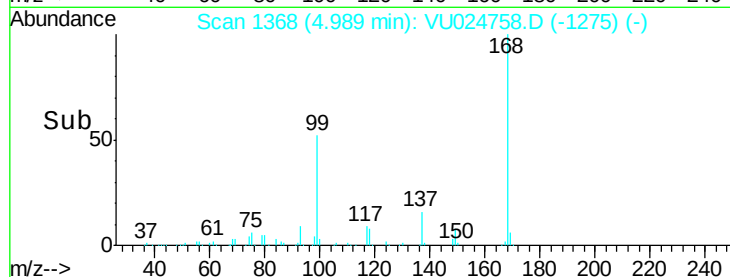
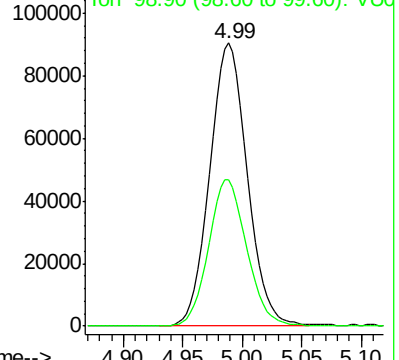
Ion Ratio Lower Upper

168 100

99 51.5 43.2 64.8



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



#16

Acetone

Concen: 5.42 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024758.D

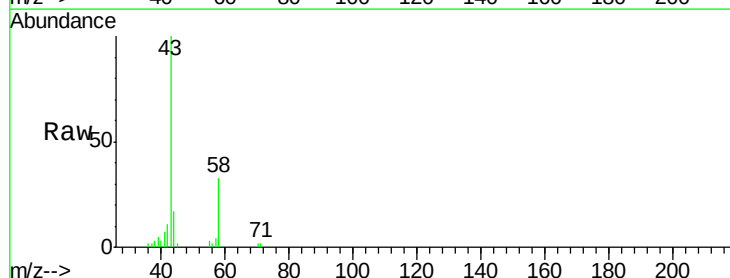
Acq: 20 Jun 2018 15:23

Tgt Ion: 43 Resp: 9416

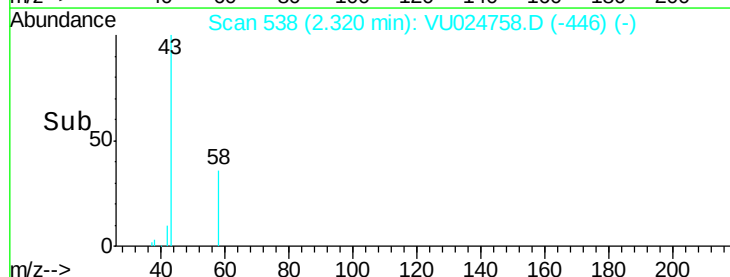
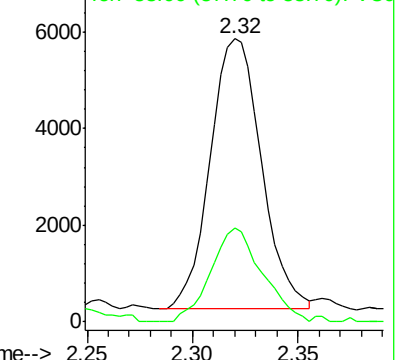
Ion Ratio Lower Upper

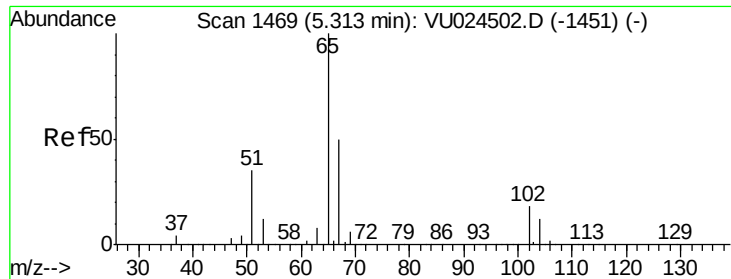
43 100

58 35.0 24.4 36.6



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

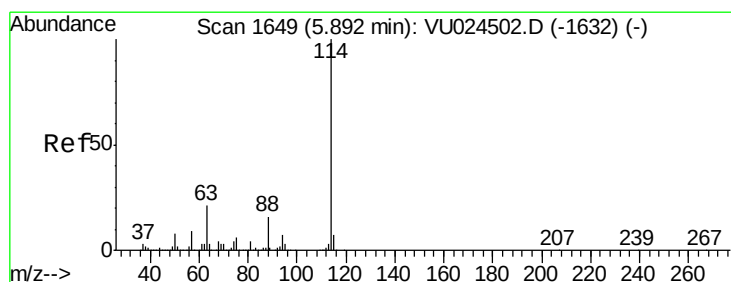
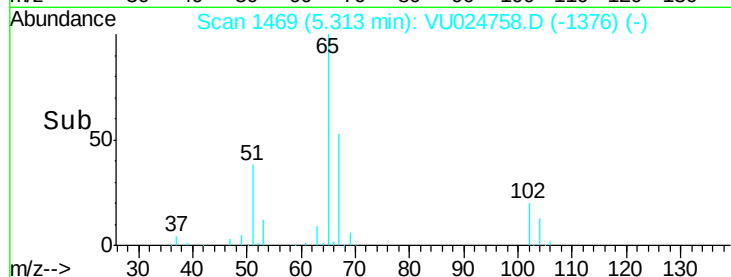
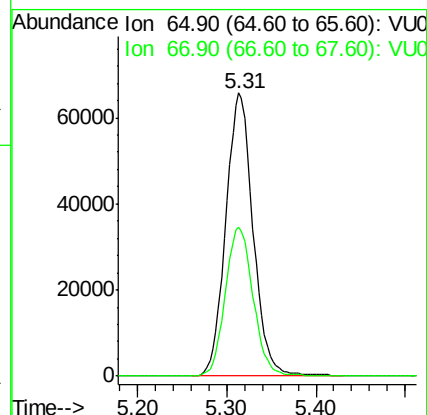
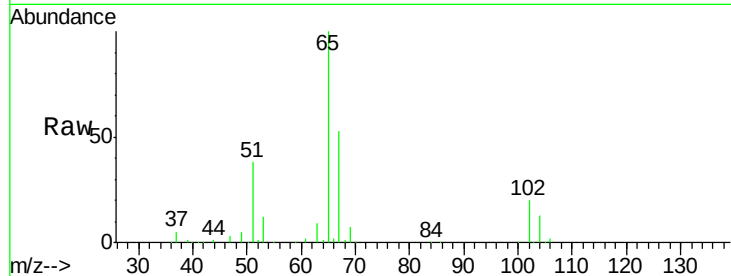




#33
 1,2-Dichloroethane-d4
 Concen: 43.11 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024758.D
 Acq: 20 Jun 2018 15:23

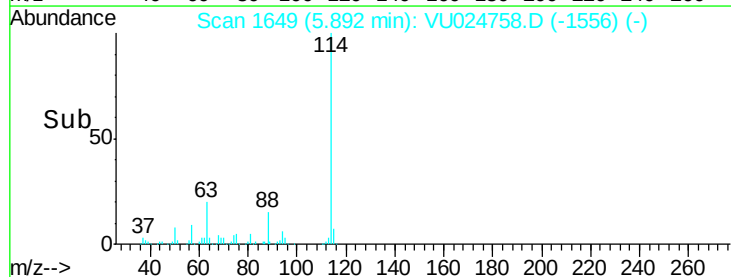
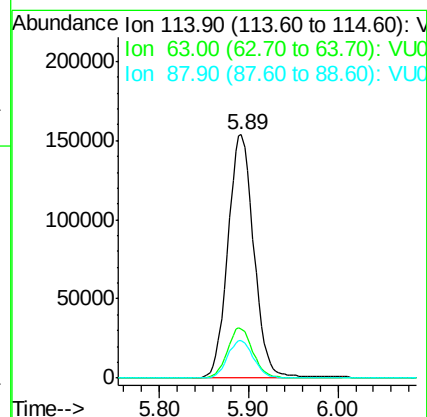
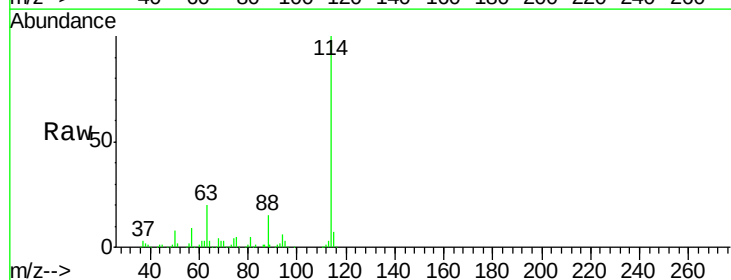
Instrument :
 MSVOA_U
 ClientSampleId :
 546-IW-22

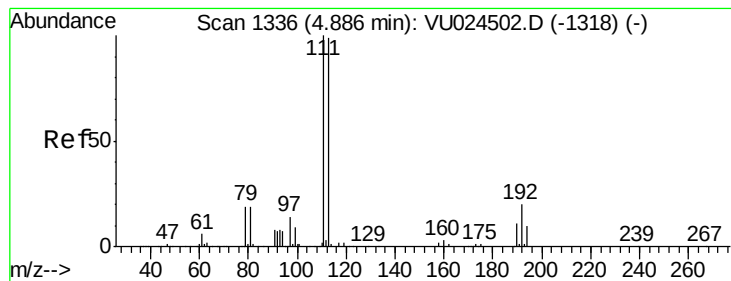
Tot Ion: 65 Resp: 139322
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024758.D
 Acq: 20 Jun 2018 15:23

Tgt Ion: 114 Resp: 310745
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.4
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.82 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024758.D

Acq: 20 Jun 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

546-IW-22

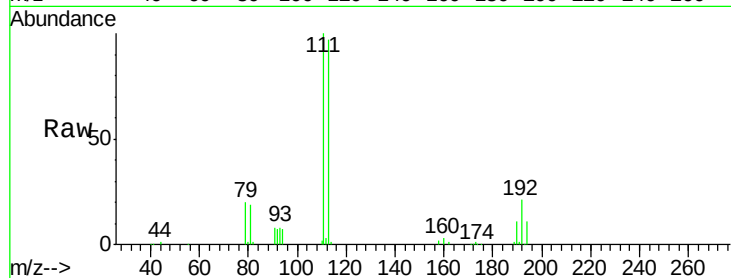
Tot Ion:113 Resp: 120739

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

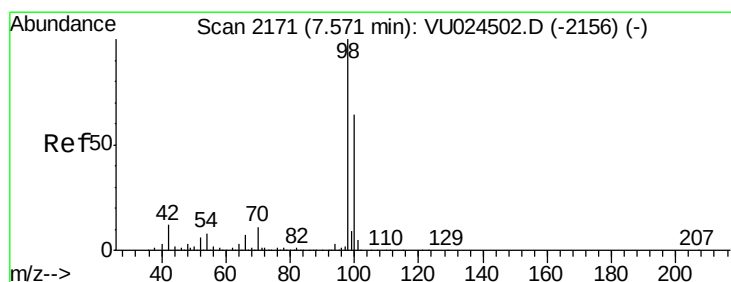
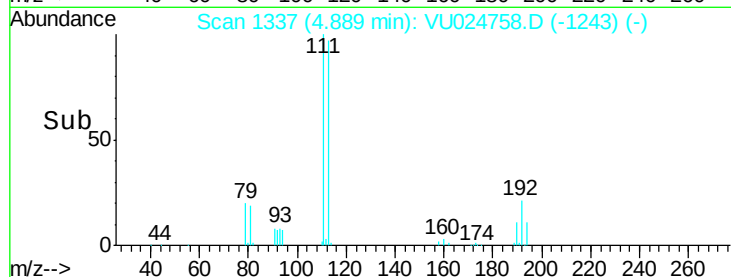
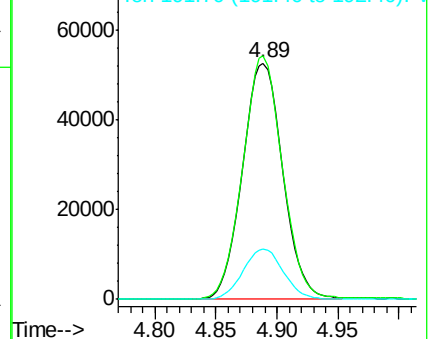
192 21.3 16.2 24.4



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: 47.56 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024758.D

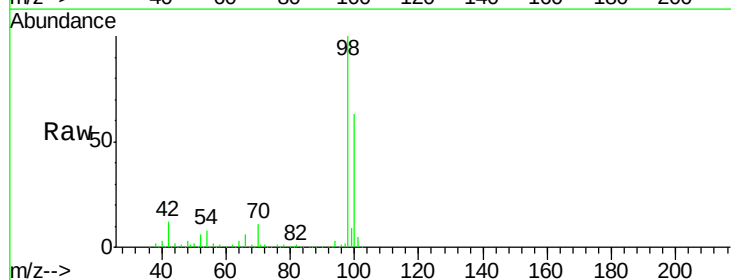
Acq: 20 Jun 2018 15:23

Tgt Ion: 98 Resp: 447396

Ion Ratio Lower Upper

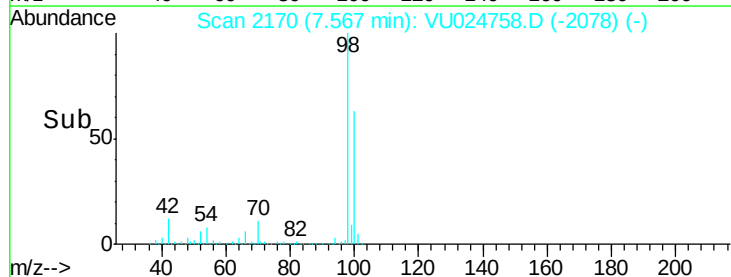
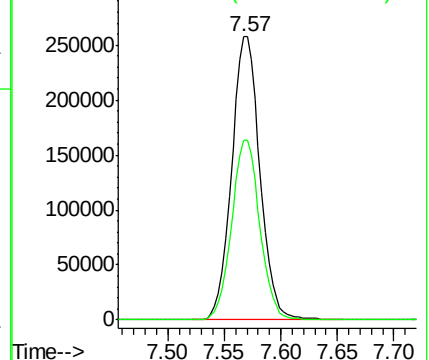
98 100

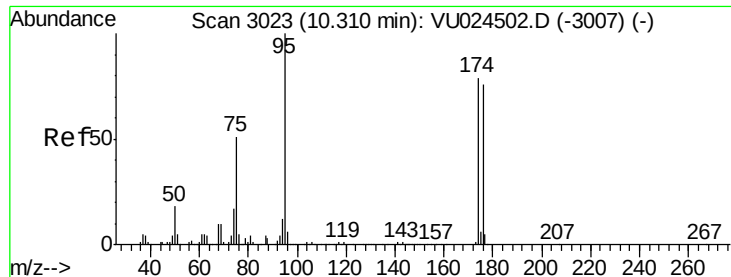
100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

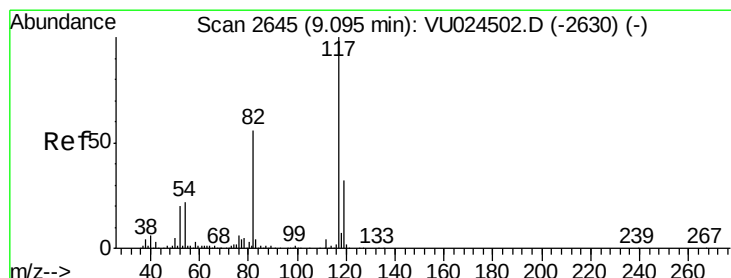
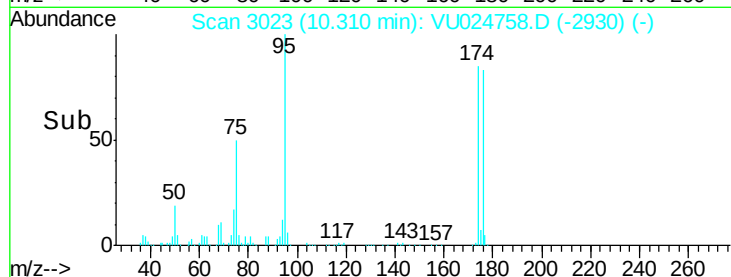
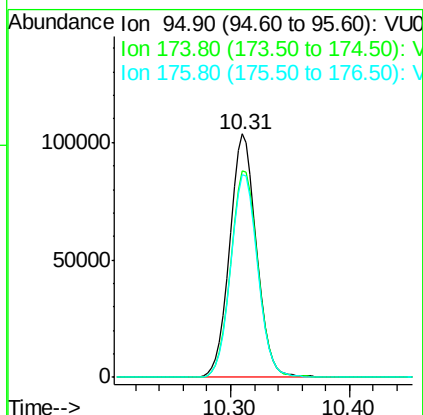
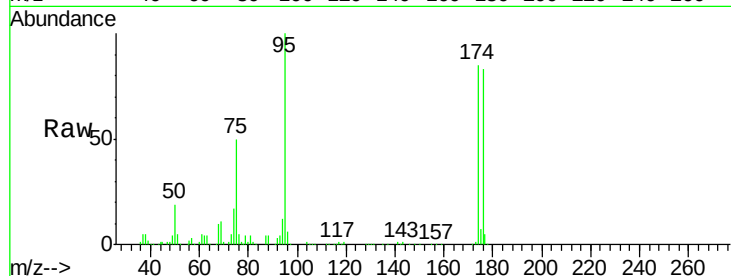




#62
4-Bromofluorobenzene
Concen: 43.25 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024758.D
Acq: 20 Jun 2018 15:23

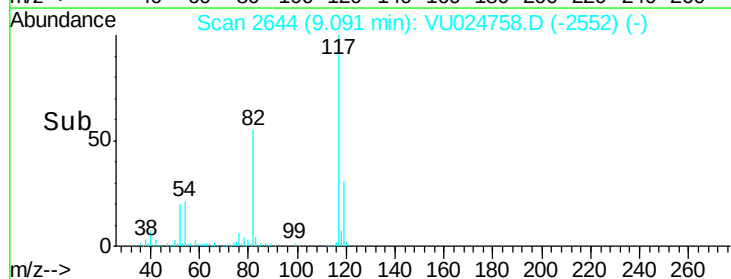
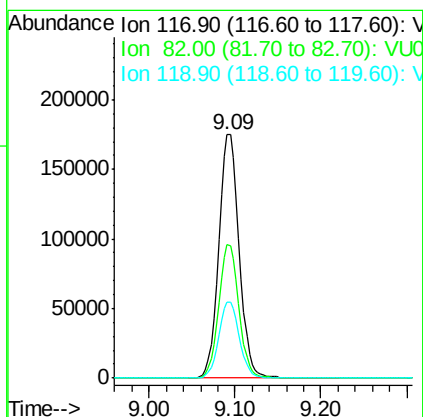
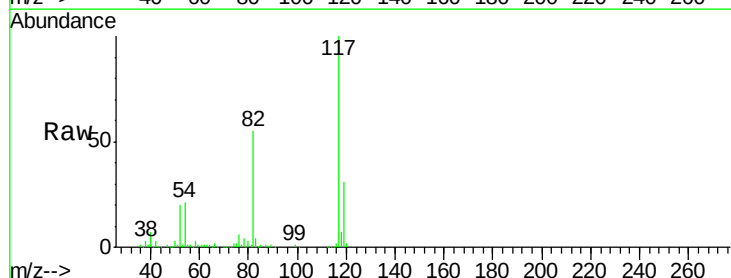
Instrument :
MSVOA_U
ClientSampleId :
546-IW-22

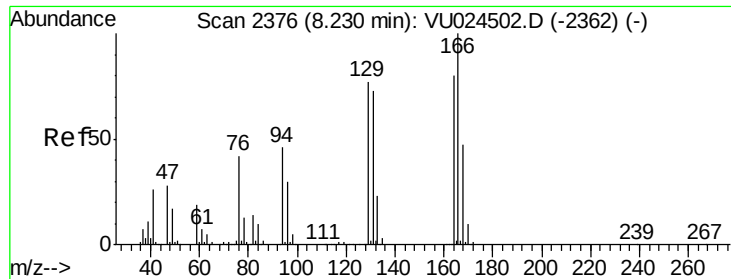
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	165.8
176	84.0	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024758.D
Acq: 20 Jun 2018 15:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.3	66.5
119	31.3	25.4	38.2





#64

Tetrachloroethene

Concen: 38.69 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU024758.D

Acq: 20 Jun 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

546-IW-22

Tot Ion:164 Resp: 105725

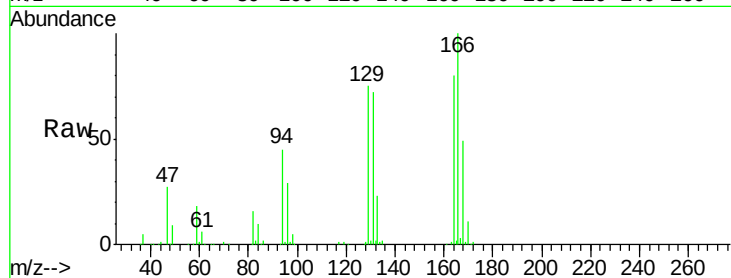
Ion Ratio Lower Upper

164 100

166 125.6 101.7 152.5

129 93.8 76.9 115.3

131 90.3 74.9 112.3

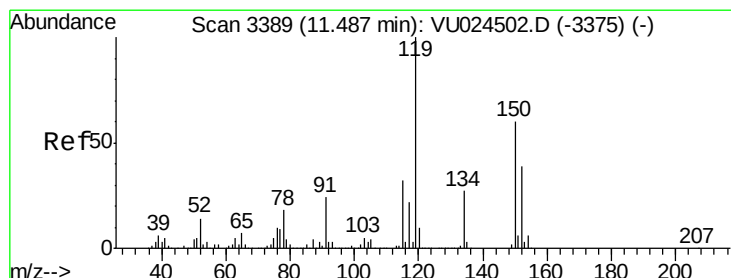
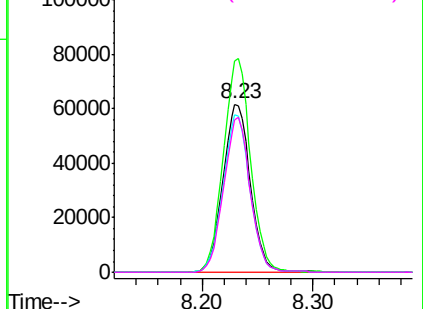
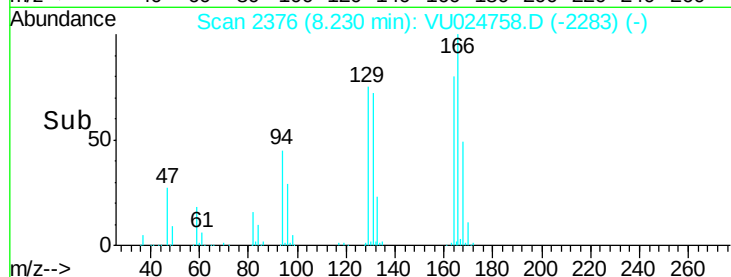


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024758.D

Acq: 20 Jun 2018 15:23

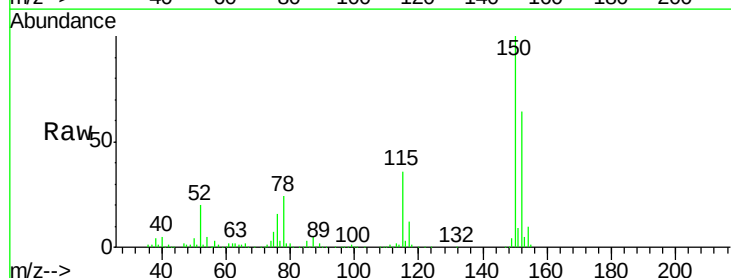
Tgt Ion:152 Resp: 155560

Ion Ratio Lower Upper

152 100

115 55.3 43.0 129.0

150 156.0 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

