

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024990.D
 Acq On : 28 Jun 2018 01:21
 Operator : MD/SY
 Sample : J3670-11ME 5X
 Misc : 5.73g/5mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB477-19-21-180621ME

Quant Time: Jun 28 06:38:55 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

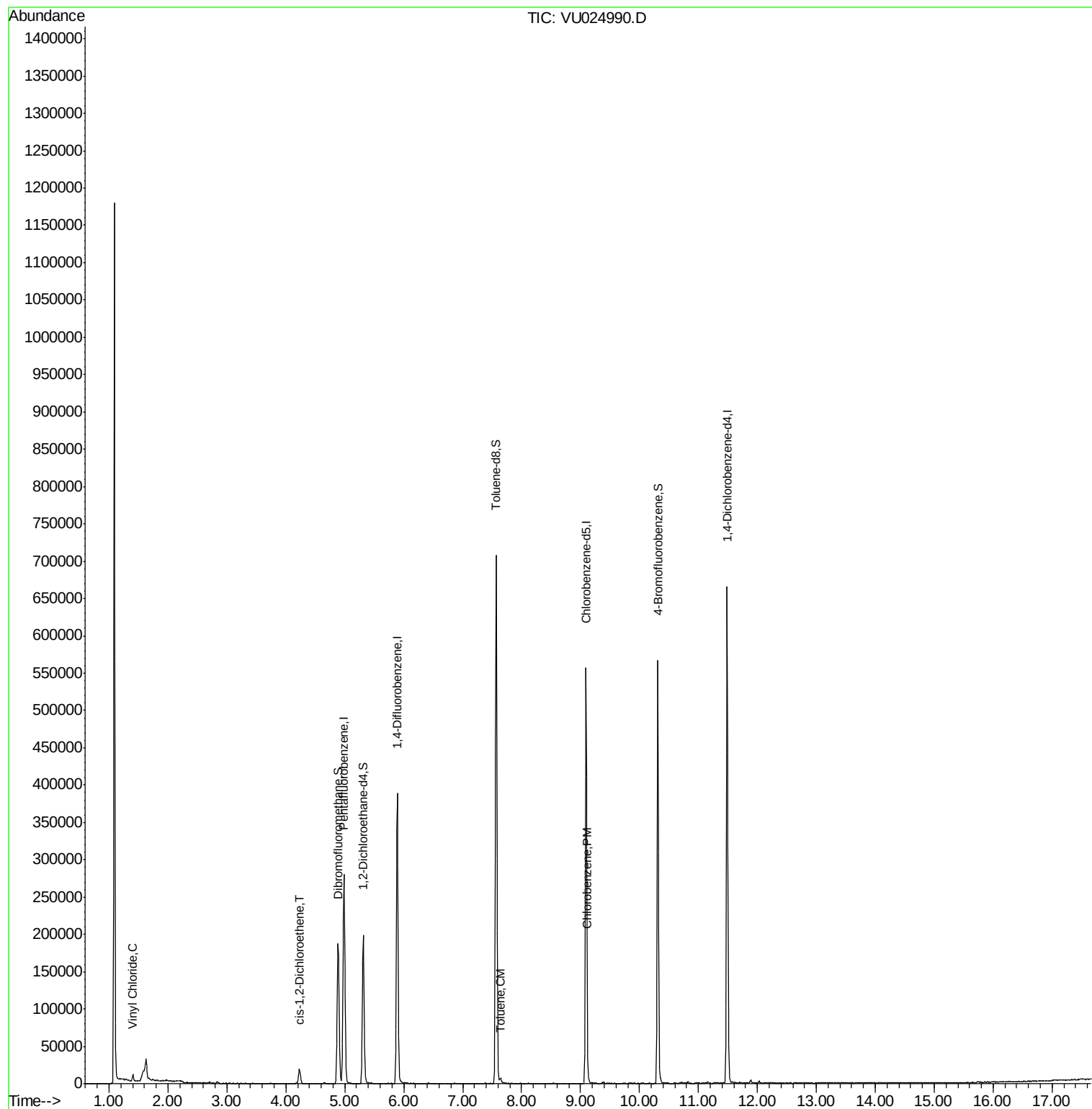
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	211892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	325776	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	300053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	174145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	160740	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
35) Dibromofluoromethane	4.89	113	126354	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
50) Toluene-d8	7.57	98	464837	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	10.31	95	181749	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
Target Compounds						
4) Vinyl Chloride	1.40	62	5316	1.90	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	10936	3.58	ug/l	90
52) Toluene	7.64	92	3051	0.43	ug/l	96
65) Chlorobenzene	9.12	112	2415	0.32	ug/l	97

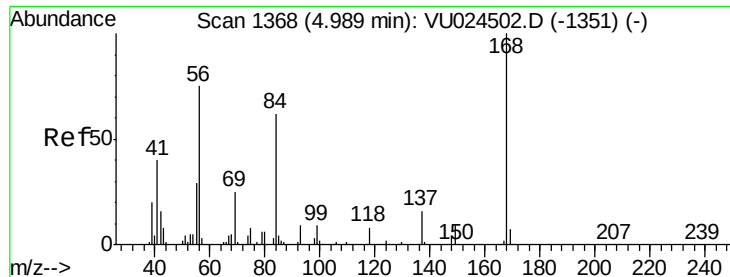
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062718\
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024990.D

Acq: 28 Jun 2018 01:21

Instrument :

MSVOA_U

ClientSampleId :

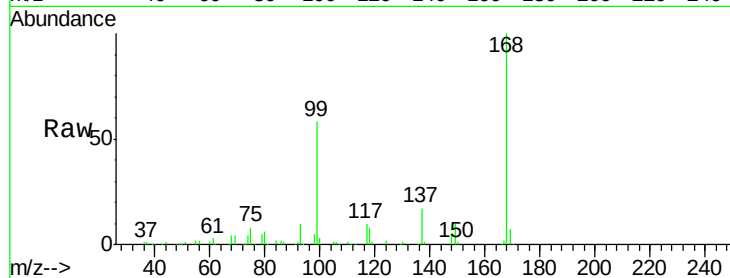
WP021SB477-19-21-180621ME

Tot Ion:168 Resp: 211892

Ion Ratio Lower Upper

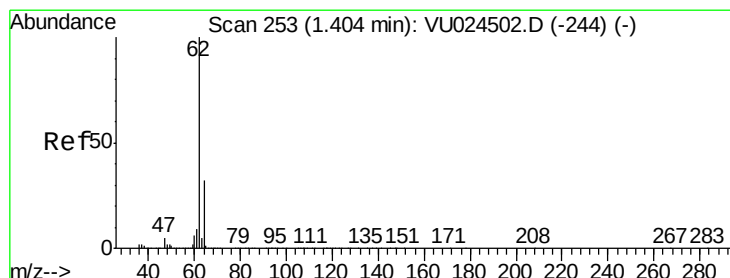
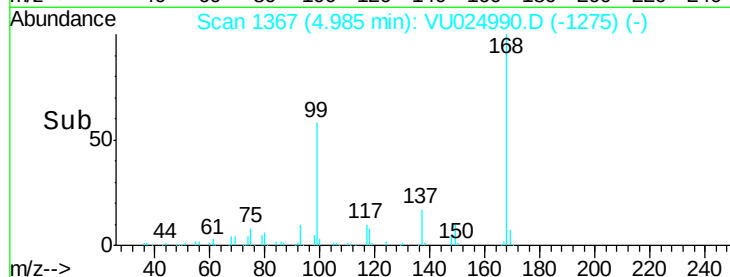
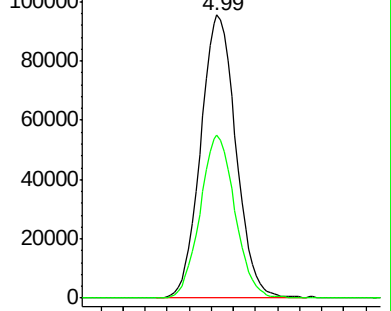
168 100

99 57.6 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D



#4

Vinyl Chloride

Concen: 1.90 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024990.D

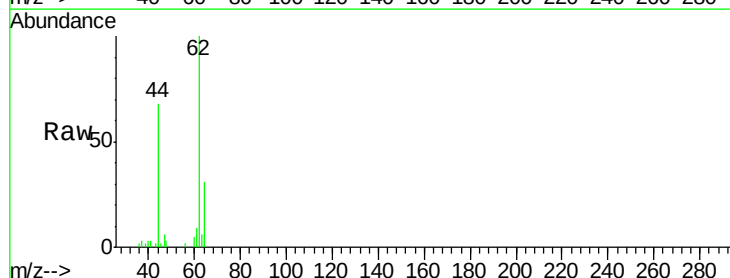
Acq: 28 Jun 2018 01:21

Tgt Ion: 62 Resp: 5316

Ion Ratio Lower Upper

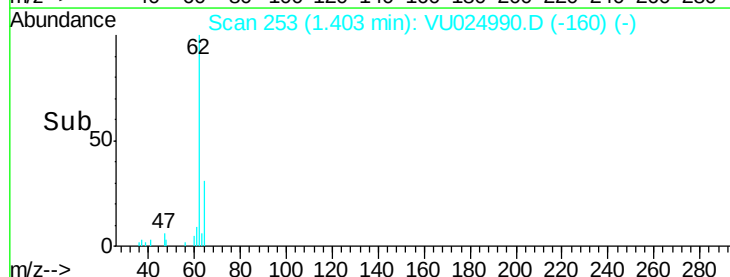
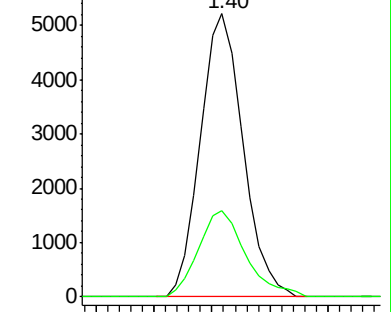
62 100

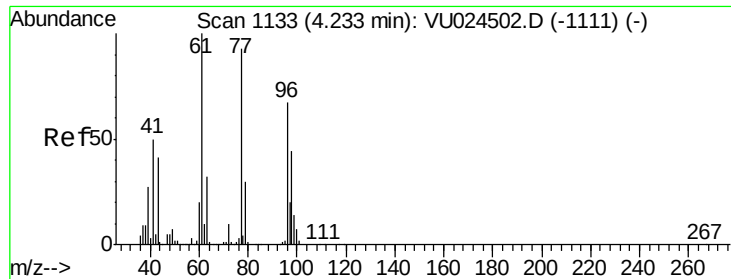
64 30.6 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D

Ion 63.90 (63.60 to 64.60): VU024502.D





#27

cis-1,2-Dichloroethene

Concen: 3.58 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024990.D

Acq: 28 Jun 2018 01:21

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-19-21-180621ME

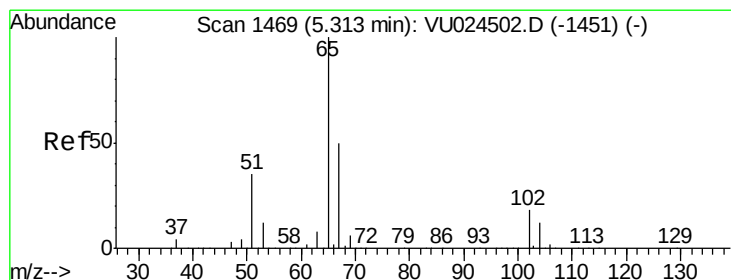
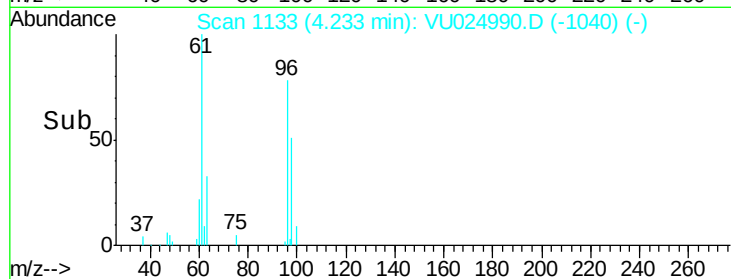
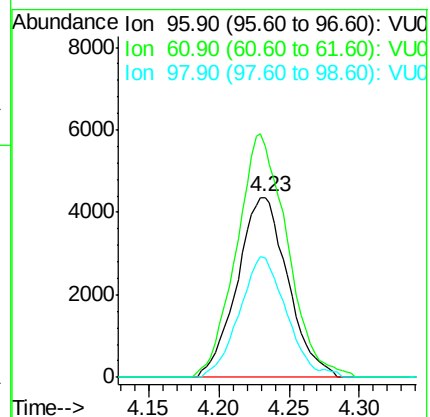
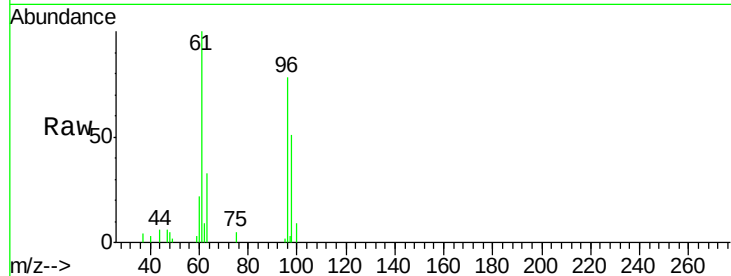
Tot Ion: 96 Resp: 10936

Ion Ratio Lower Upper

96 100

61 135.7 0.0 306.6

98 62.6 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 46.47 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024990.D

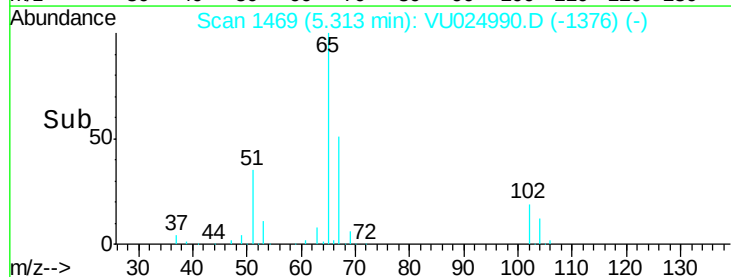
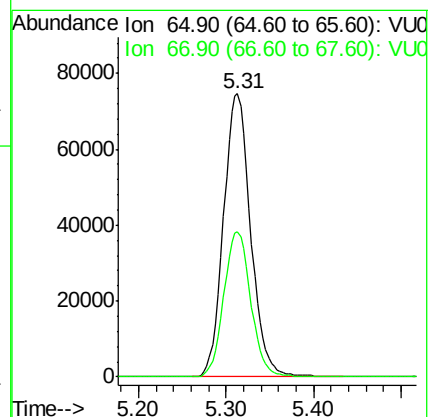
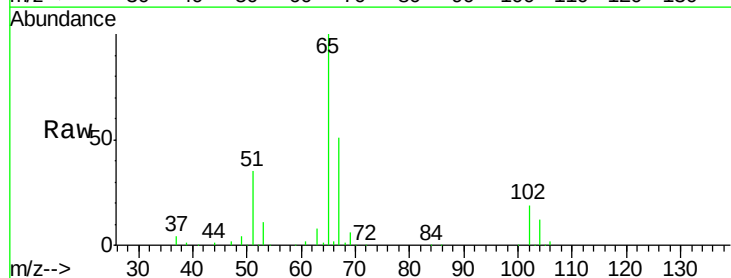
Acq: 28 Jun 2018 01:21

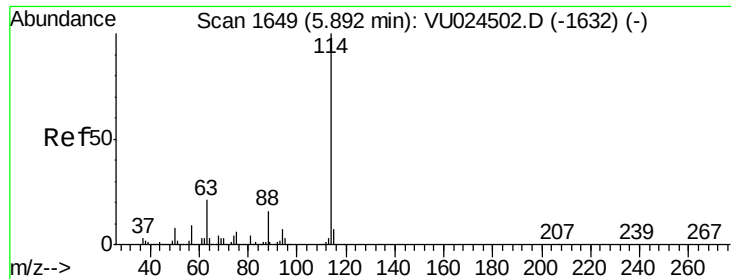
Tgt Ion: 65 Resp: 160740

Ion Ratio Lower Upper

65 100

67 50.8 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024990.D

Acq: 28 Jun 2018 01:21

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-19-21-180621ME

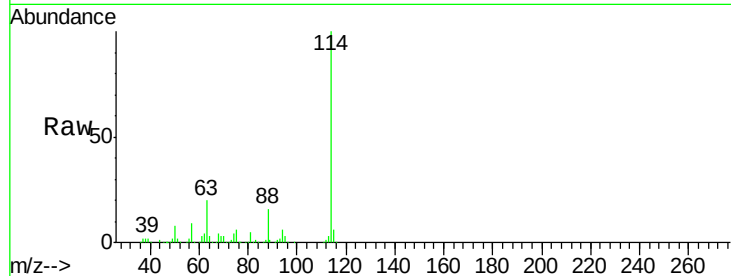
Tot Ion:114 Resp: 325776

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.4

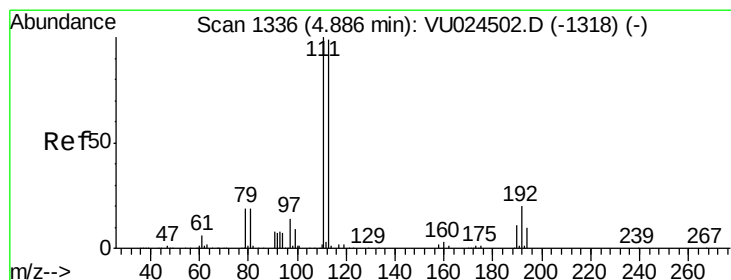
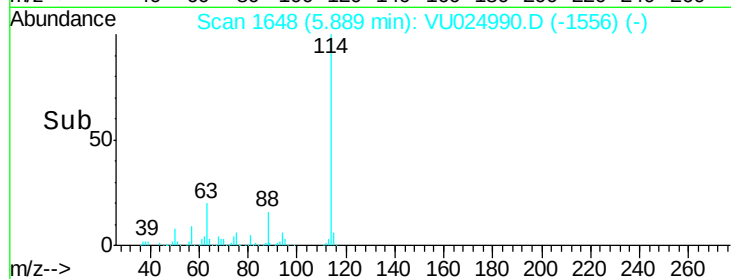
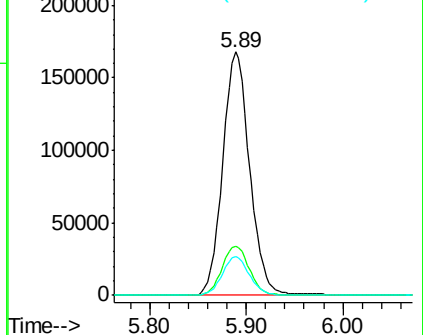
88 16.0 0.0 31.0



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: 46.73 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024990.D

Acq: 28 Jun 2018 01:21

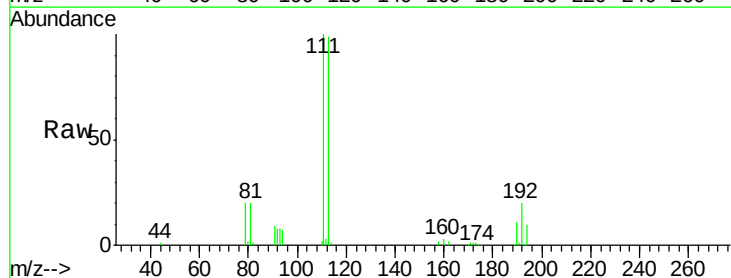
Tgt Ion:113 Resp: 126354

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

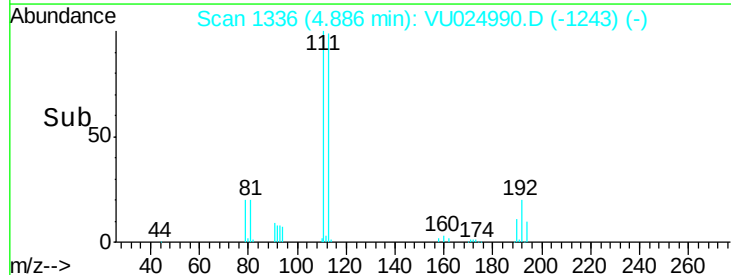
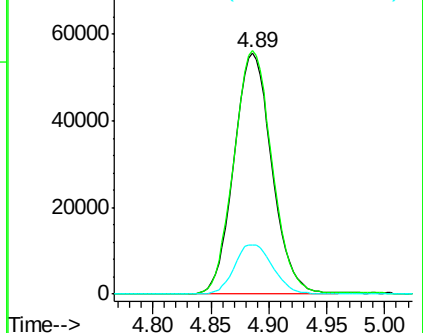
192 20.7 16.2 24.4

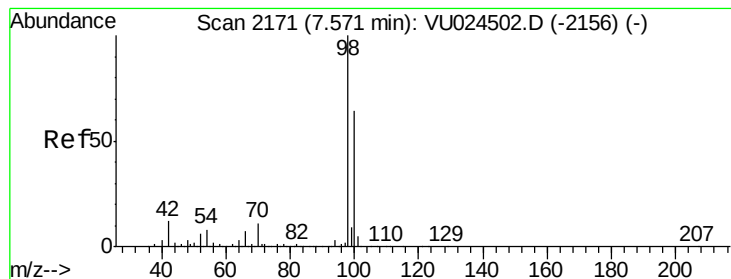


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.13 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024990.D

Acq: 28 Jun 2018 01:21

Instrument :

MSVOA_U

ClientSampleId :

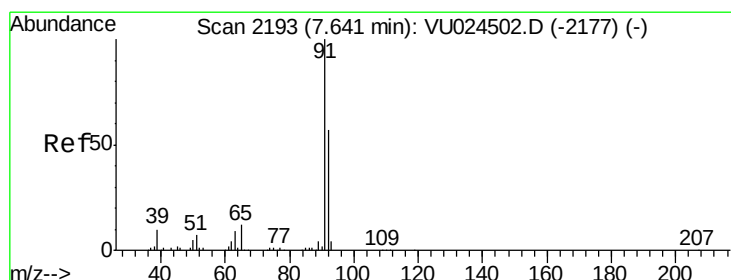
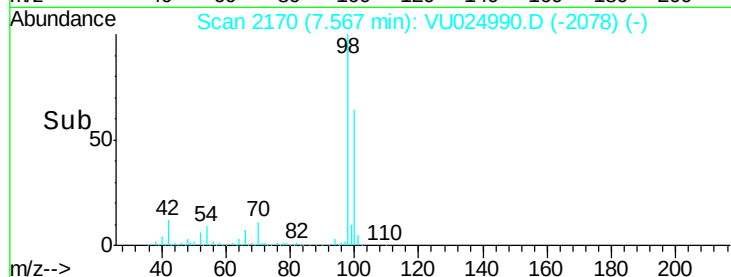
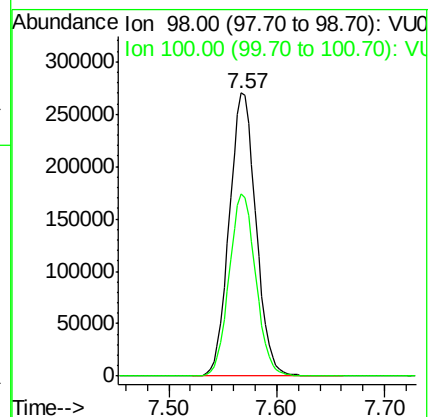
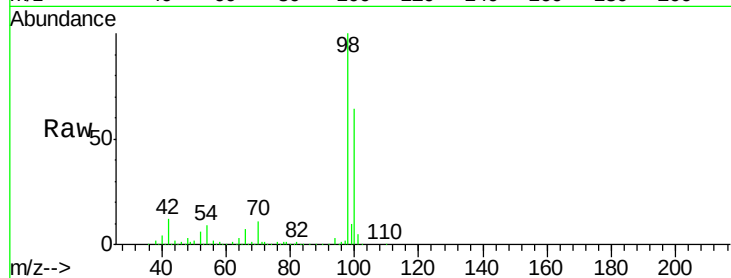
WP021SB477-19-21-180621ME

Tot Ion: 98 Resp: 464837

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



#52

Toluene

Concen: 0.43 ug/l

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU024990.D

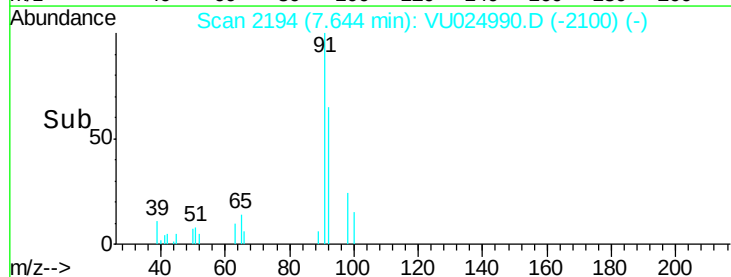
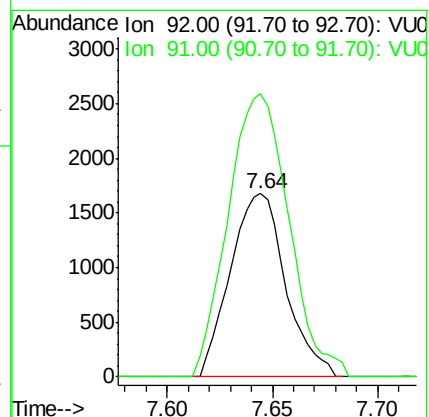
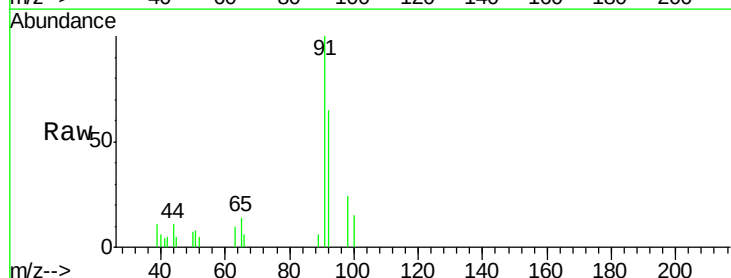
Acq: 28 Jun 2018 01:21

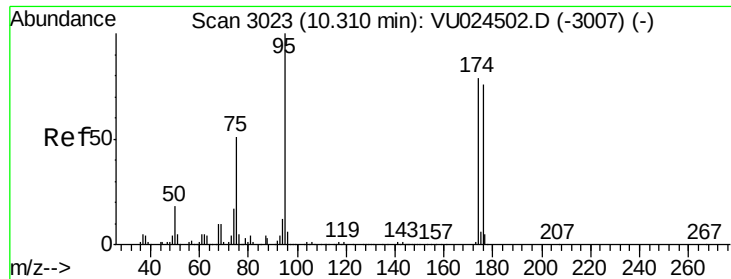
Tgt Ion: 92 Resp: 3051

Ion Ratio Lower Upper

92 100

91 169.7 140.5 210.7





#62

4-Bromofluorobenzene

Concen: 46.42 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024990.D

Acq: 28 Jun 2018 01:21

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-19-21-180621ME

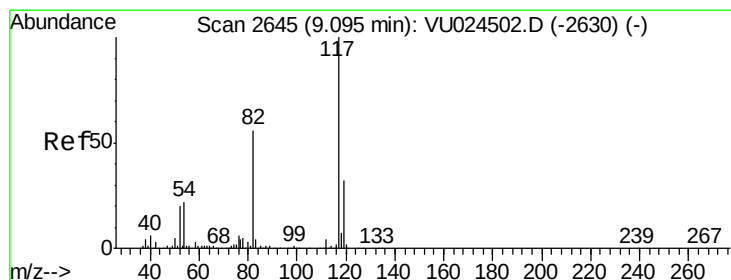
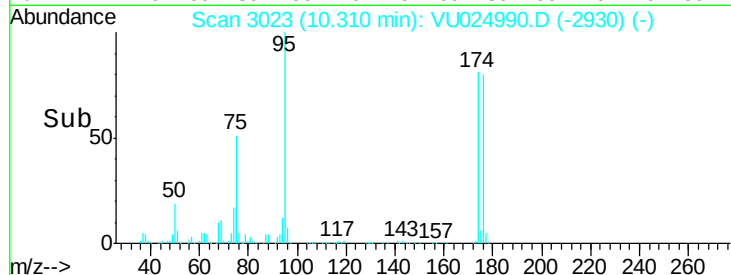
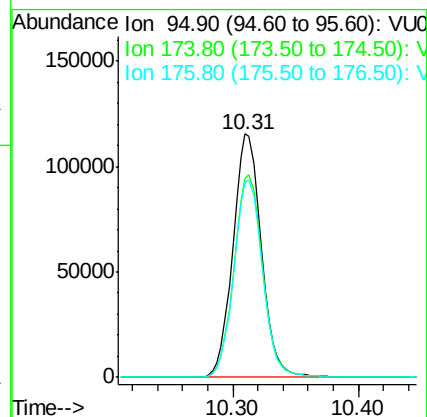
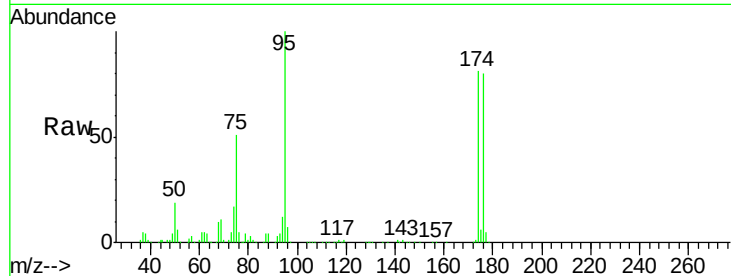
Tot Ion: 95 Resp: 181749

Ion Ratio Lower Upper

95 100

174 84.4 0.0 165.8

176 82.4 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: VU024990.D

Acq: 28 Jun 2018 01:21

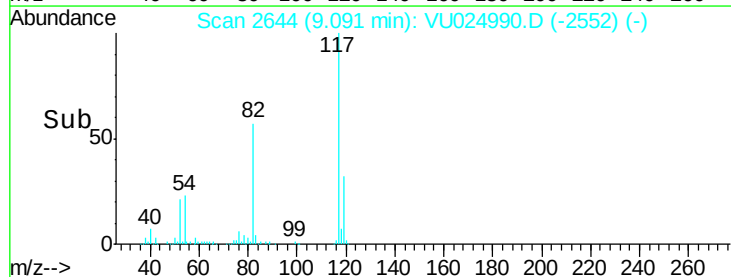
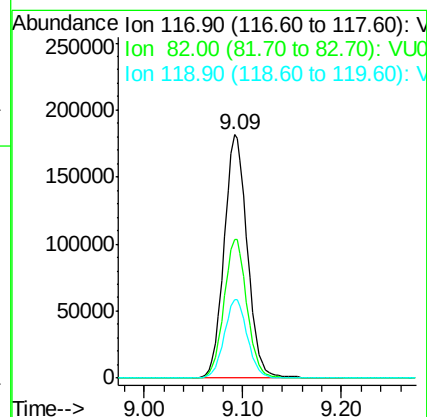
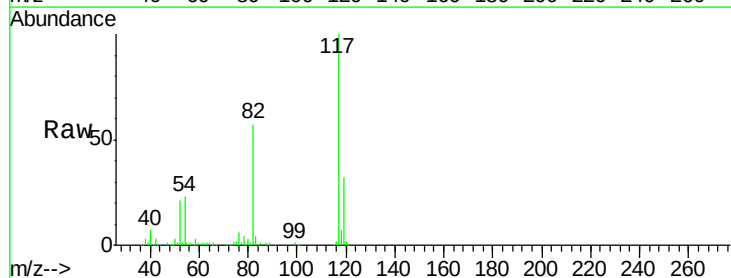
Tgt Ion: 117 Resp: 300053

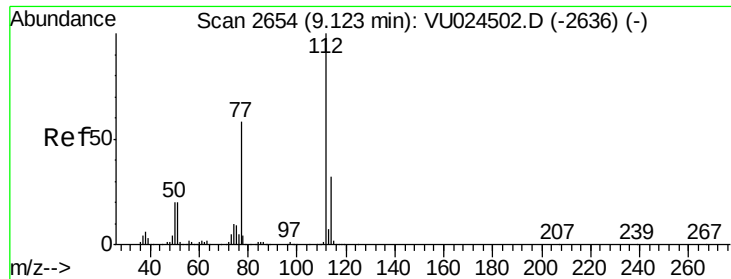
Ion Ratio Lower Upper

117 100

82 57.2 44.3 66.5

119 32.3 25.4 38.2





#65

Chlorobenzene

Concen: 0.32 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU024990.D

Acq: 28 Jun 2018 01:21

Instrument :

MSVOA_U

ClientSampleId :

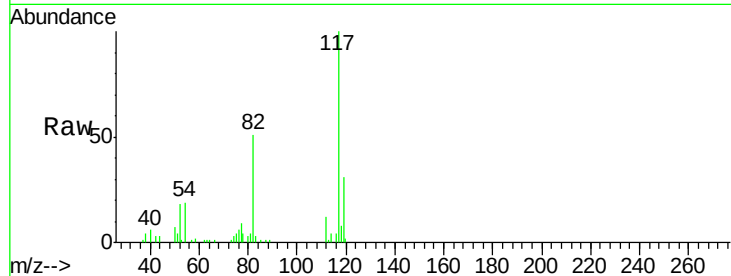
WP021SB477-19-21-180621ME

Tot Ion:112 Resp: 2415

Ion Ratio Lower Upper

112 100

114 33.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.12

1500

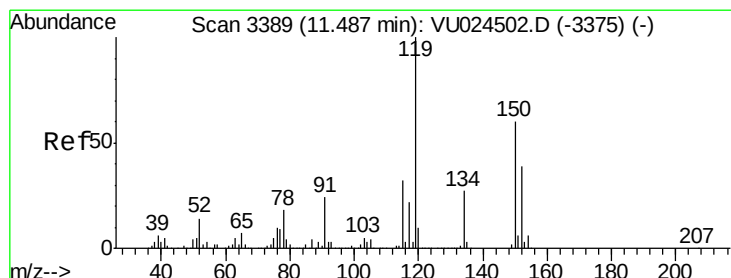
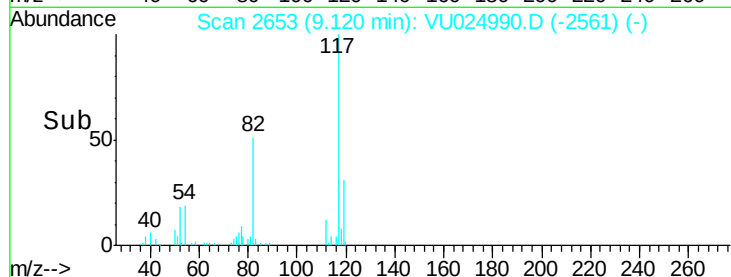
1000

500

0

9.10 9.15

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024990.D

Acq: 28 Jun 2018 01:21

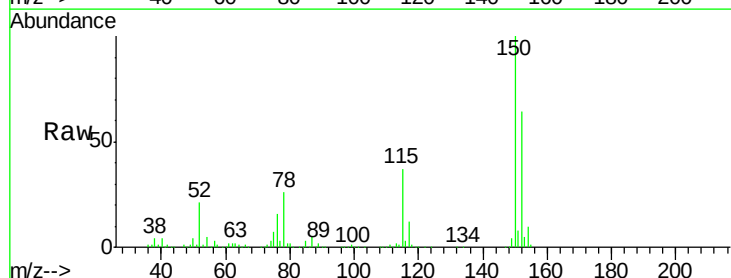
Tgt Ion:152 Resp: 174145

Ion Ratio Lower Upper

152 100

115 57.7 43.0 129.0

150 155.2 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

200000

150000

100000

50000

0

11.49

11.40 11.50 11.60

Time-->

