

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024858.D
 Acq On : 23 Jun 2018 01:54
 Operator : MD/SY
 Sample : J3662-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW173-180619

Quant Time: Jun 23 04:49:46 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

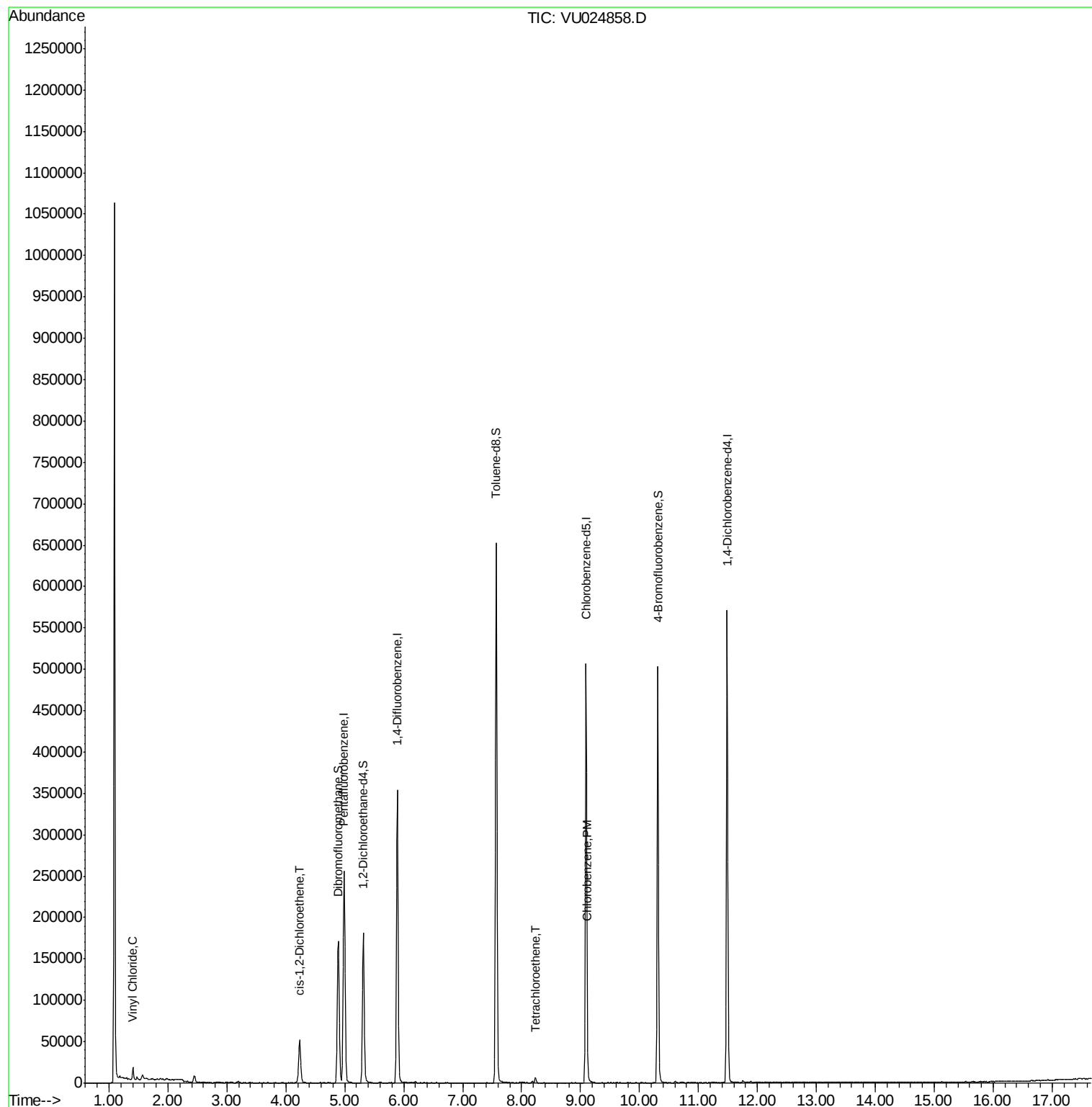
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	196437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	298461	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	276145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147238	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	145314	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
35) Dibromofluoromethane	4.89	113	114178	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
50) Toluene-d8	7.57	98	432991	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	10.31	95	158546	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds						
4) Vinyl Chloride	1.40	62	9395	3.63	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	29184	10.30	ug/l	86
64) Tetrachloroethene	8.24	164	1682	0.64	ug/l #	81
65) Chlorobenzene	9.12	112	2499	0.35	ug/l	90

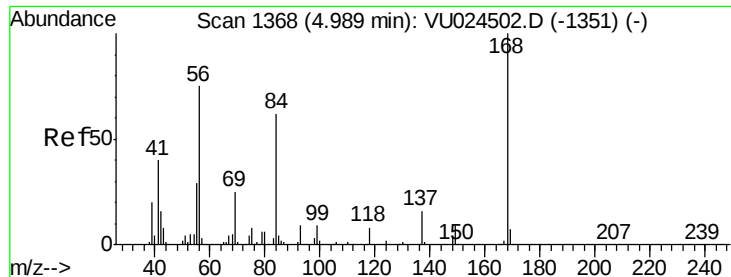
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062318\
Data File : VU024858.D
Acq On : 23 Jun 2018 01:54
Operator : MD/SY
Sample : J3662-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021MW173-180619

Quant Time: Jun 23 04:49:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
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# 1368

Delta R.T. -0.00 min

Lab File: VU024858.D

Acq: 23 Jun 2018 01:54

Instrument :

MSVOA_U

ClientSampleId :

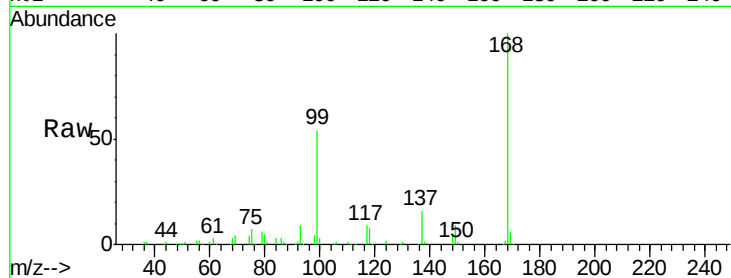
WP021MW173-180619

Tot Ion:168 Resp: 196437

Ion Ratio Lower Upper

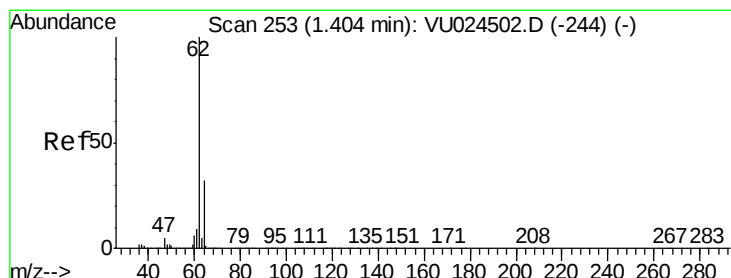
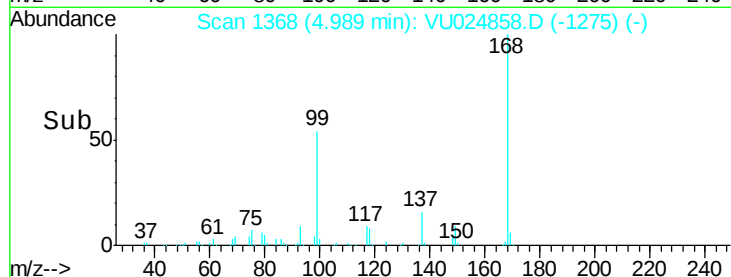
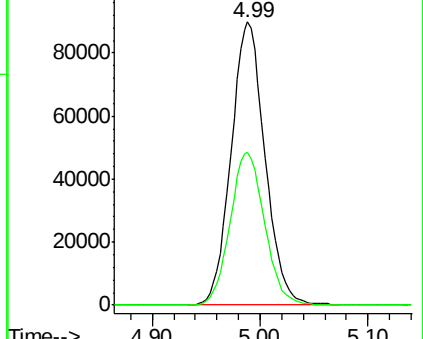
168 100

99 53.8 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) (-)



#4

Vinyl Chloride

Concen: 3.63 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024858.D

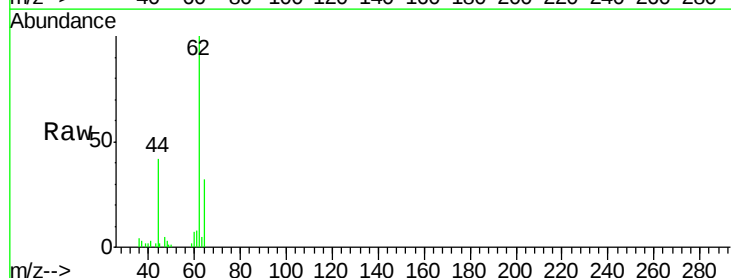
Acq: 23 Jun 2018 01:54

Tgt Ion: 62 Resp: 9395

Ion Ratio Lower Upper

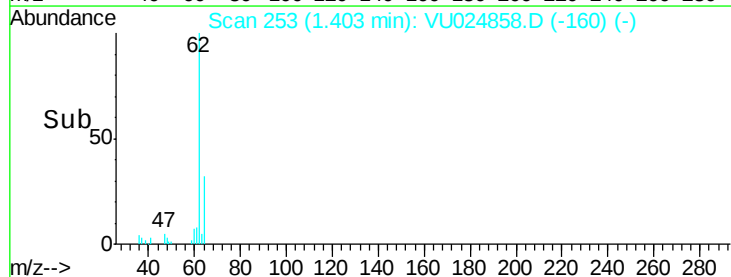
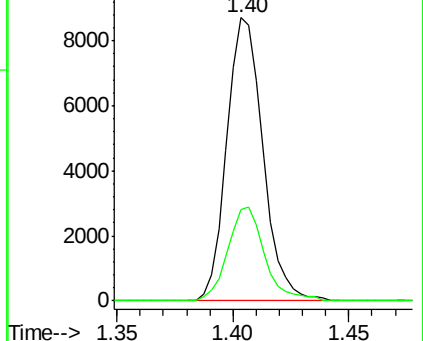
62 100

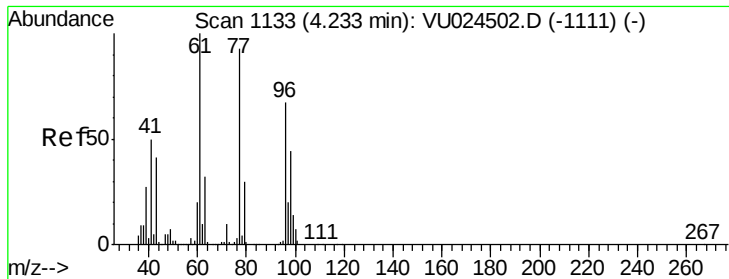
64 32.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)





#27

cis-1,2-Dichloroethene

Concen: 10.30 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024858.D

Acq: 23 Jun 2018 01:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW173-180619

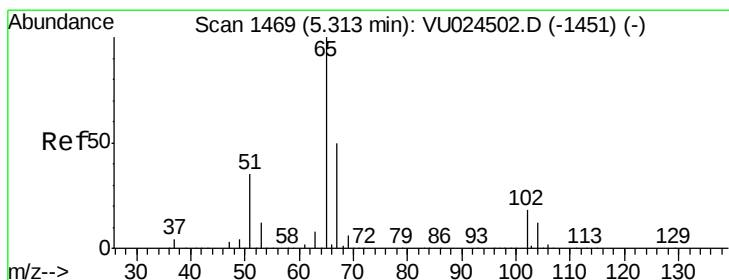
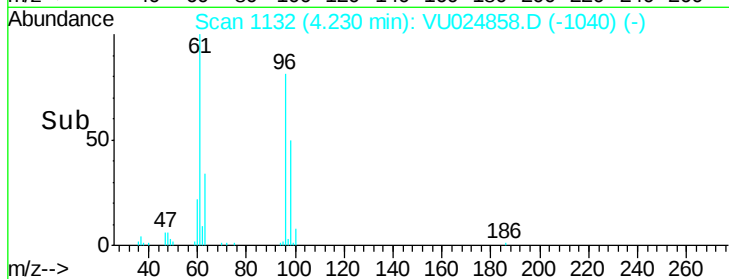
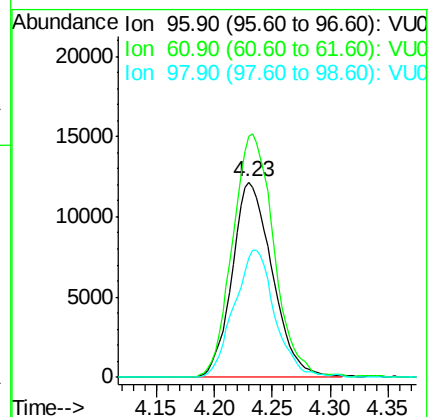
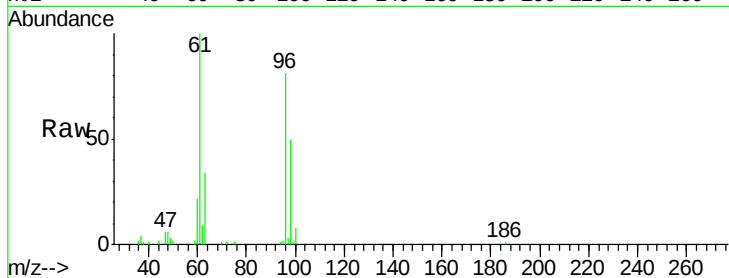
Tot Ion: 96 Resp: 29184

Ion Ratio Lower Upper

96 100

61 128.5 0.0 306.6

98 66.1 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 45.31 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024858.D

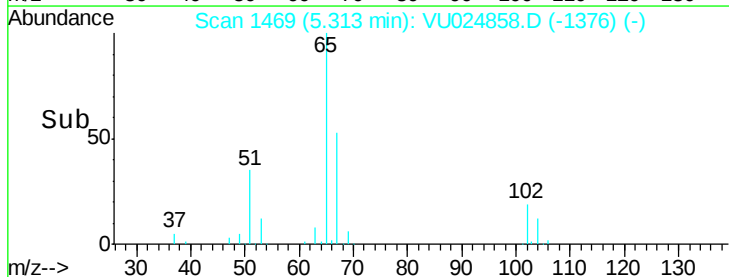
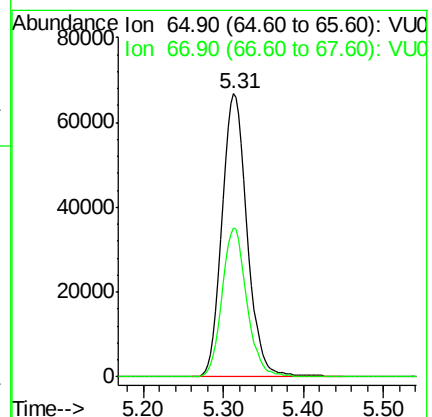
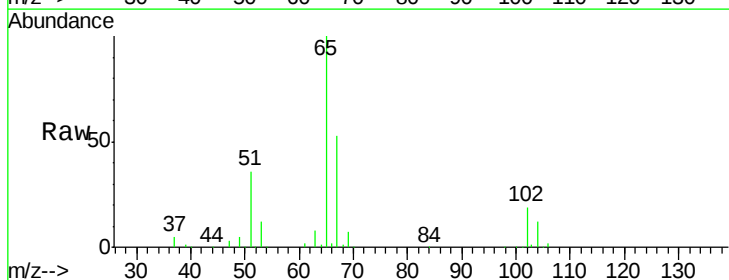
Acq: 23 Jun 2018 01:54

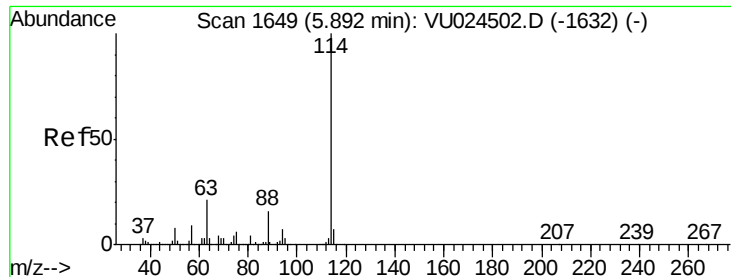
Tgt Ion: 65 Resp: 145314

Ion Ratio Lower Upper

65 100

67 51.8 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: VU024858.D

Acq: 23 Jun 2018 01:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW173-180619

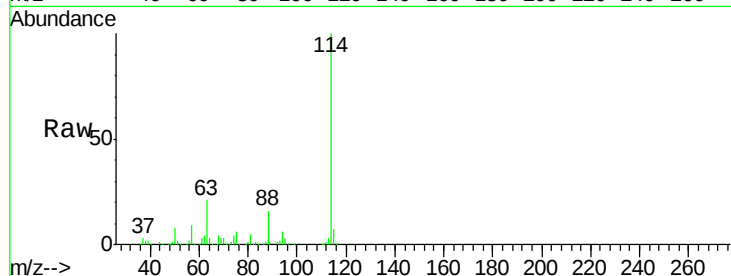
Tot Ion:114 Resp: 298461

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

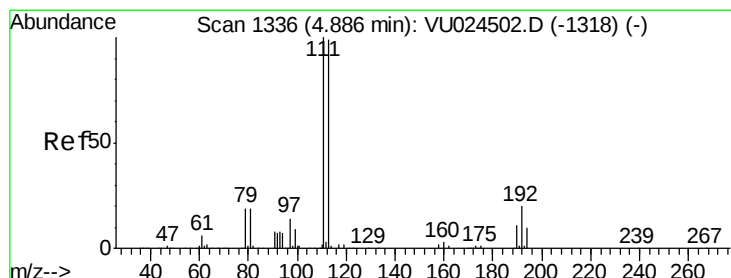
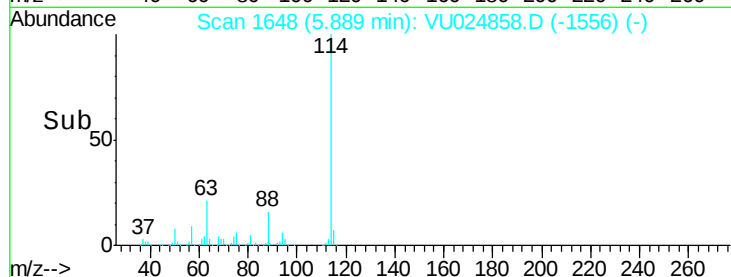
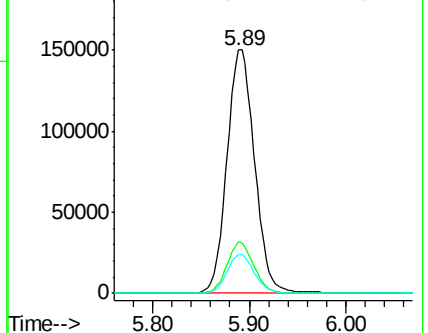
88 15.7 0.0 31.0



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: 46.10 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024858.D

Acq: 23 Jun 2018 01:54

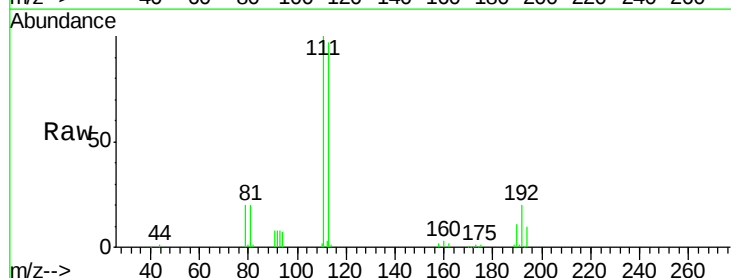
Tgt Ion:113 Resp: 114178

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

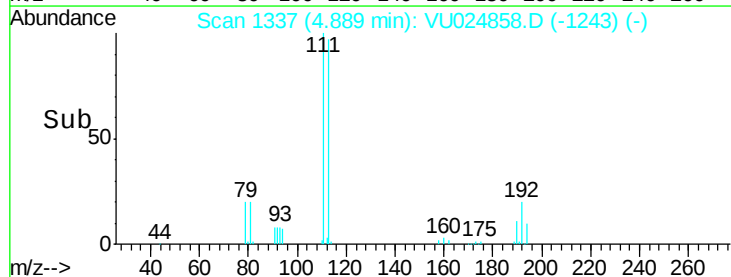
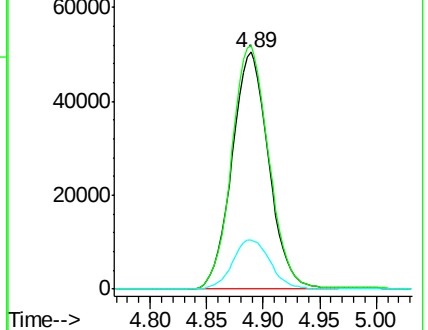
192 21.4 16.2 24.4



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: 47.92 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024858.D

Acq: 23 Jun 2018 01:54

Instrument :

MSVOA_U

ClientSampleId :

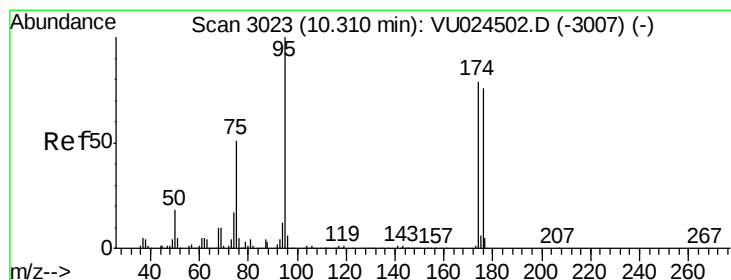
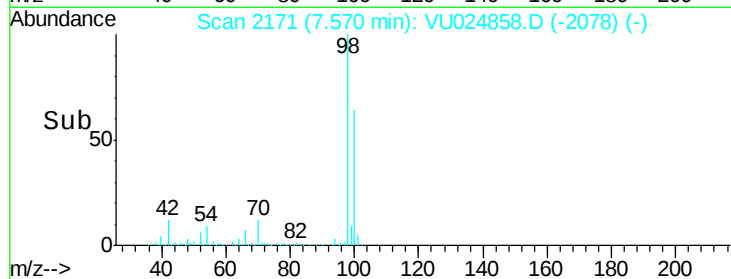
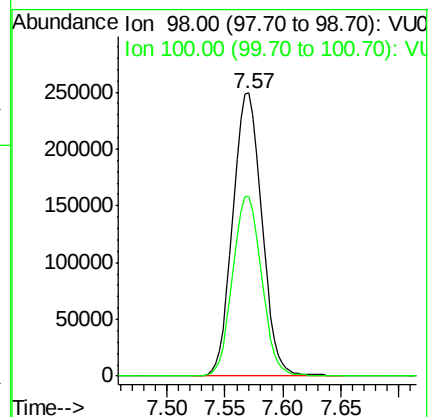
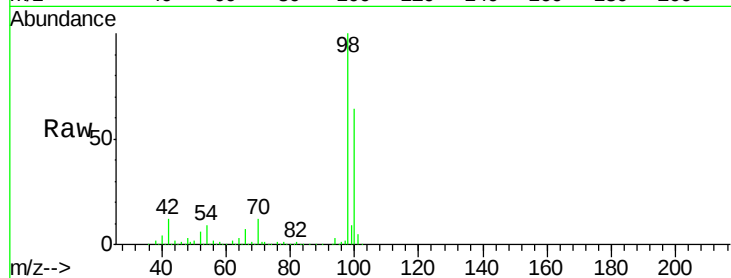
WP021MW173-180619

Tot Ion: 98 Resp: 432991

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.20 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024858.D

Acq: 23 Jun 2018 01:54

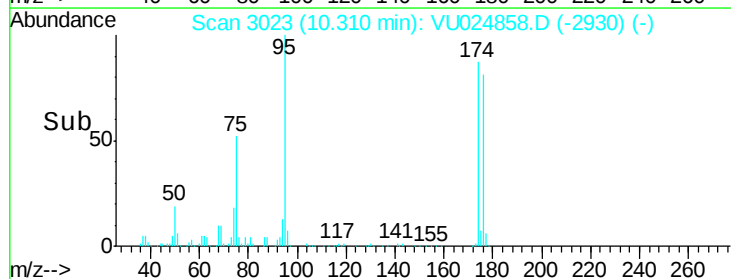
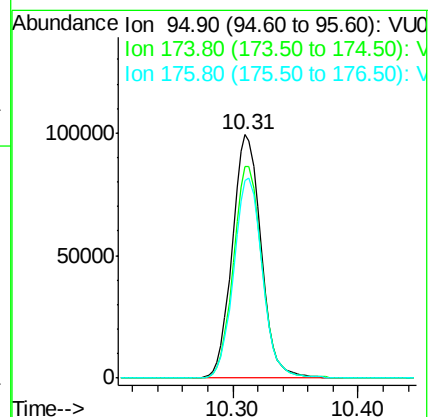
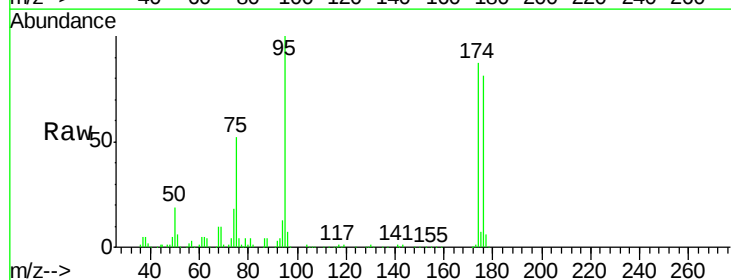
Tgt Ion: 95 Resp: 158546

Ion Ratio Lower Upper

95 100

174 86.2 0.0 165.8

176 81.6 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: VU024858.D

Acq: 23 Jun 2018 01:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW173-180619

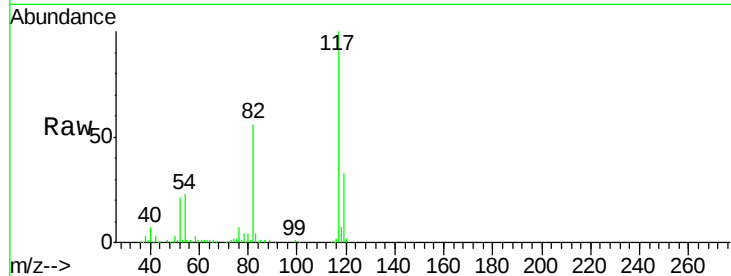
Tot Ion:117 Resp: 276145

Ion Ratio Lower Upper

117 100

82 56.0 44.3 66.5

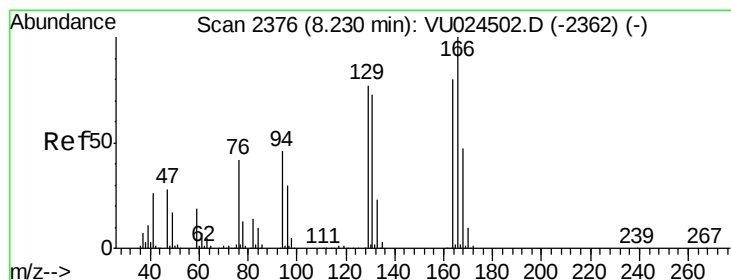
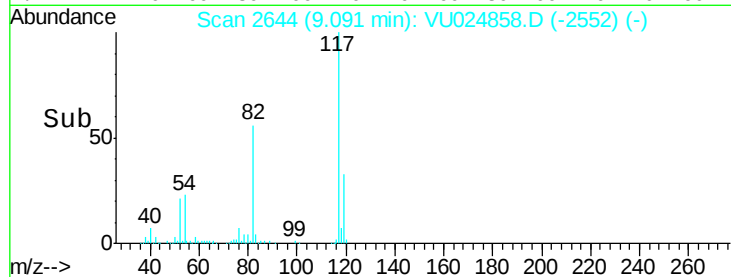
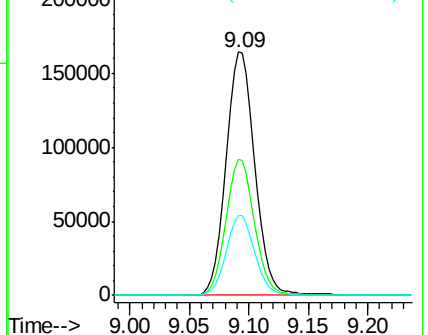
119 32.8 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.64 ug/l

RT: 8.24 min Scan# 2379

Delta R.T. 0.01 min

Lab File: VU024858.D

Acq: 23 Jun 2018 01:54

Tgt Ion:164 Resp: 1682

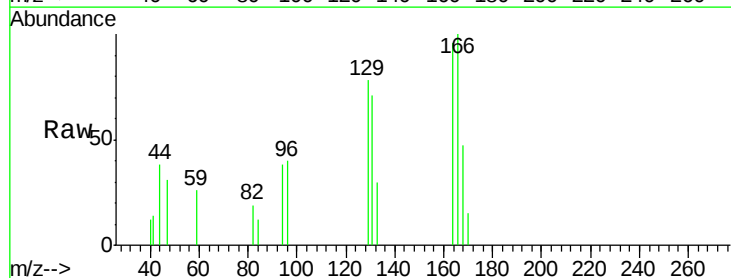
Ion Ratio Lower Upper

164 100

166 104.3 101.7 152.5

129 81.0 76.9 115.3

131 74.1 74.9 112.3#

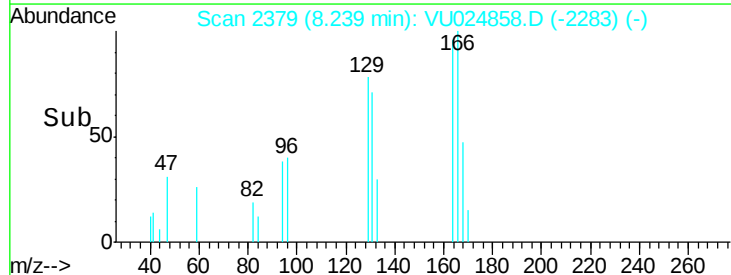
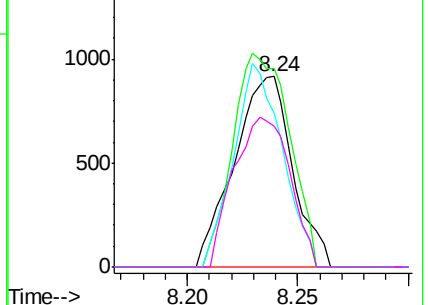


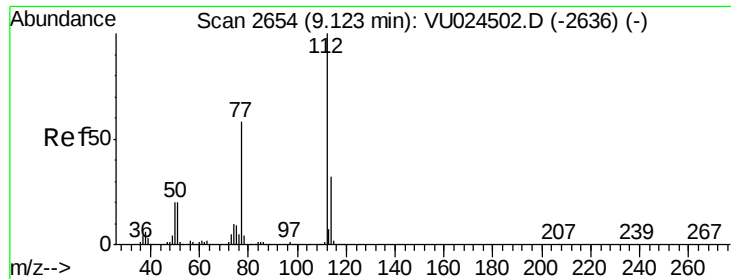
Abundance Ion 163.80 (163.50 to 164.50): V

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





#65

Chlorobenzene

Concen: 0.35 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU024858.D

Acq: 23 Jun 2018 01:54

Instrument :

MSVOA_U

ClientSampleId :

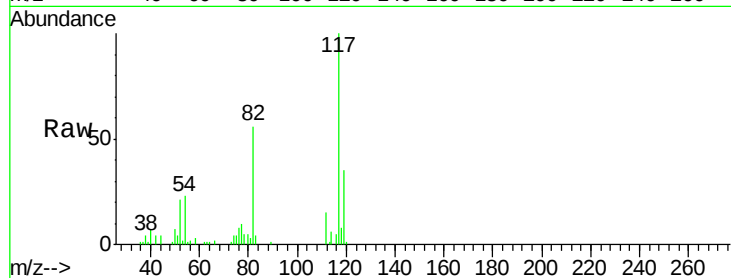
WP021MW173-180619

Tot Ion:112 Resp: 2499

Ion Ratio Lower Upper

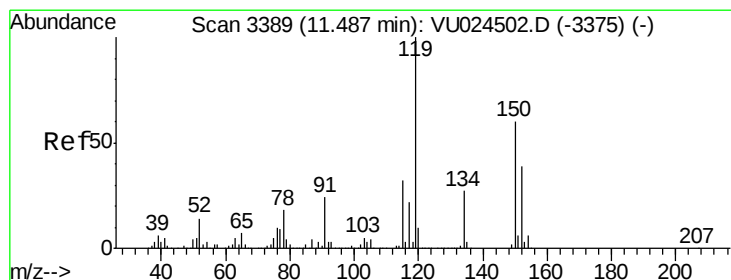
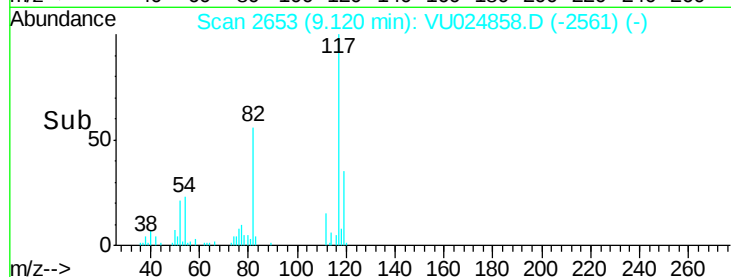
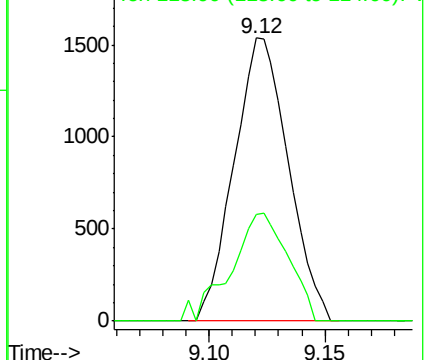
112 100

114 37.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VU024858.D

Acq: 23 Jun 2018 01:54

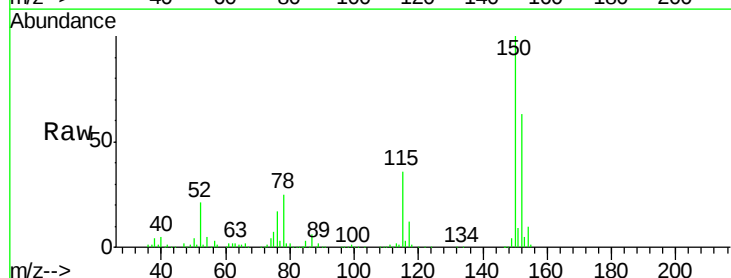
Tgt Ion:152 Resp: 147238

Ion Ratio Lower Upper

152 100

115 56.9 43.0 129.0

150 156.8 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

