

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024855.D
 Acq On : 23 Jun 2018 00:41
 Operator : MD/SY
 Sample : J3662-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW038-180619

Quant Time: Jun 23 04:39:23 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

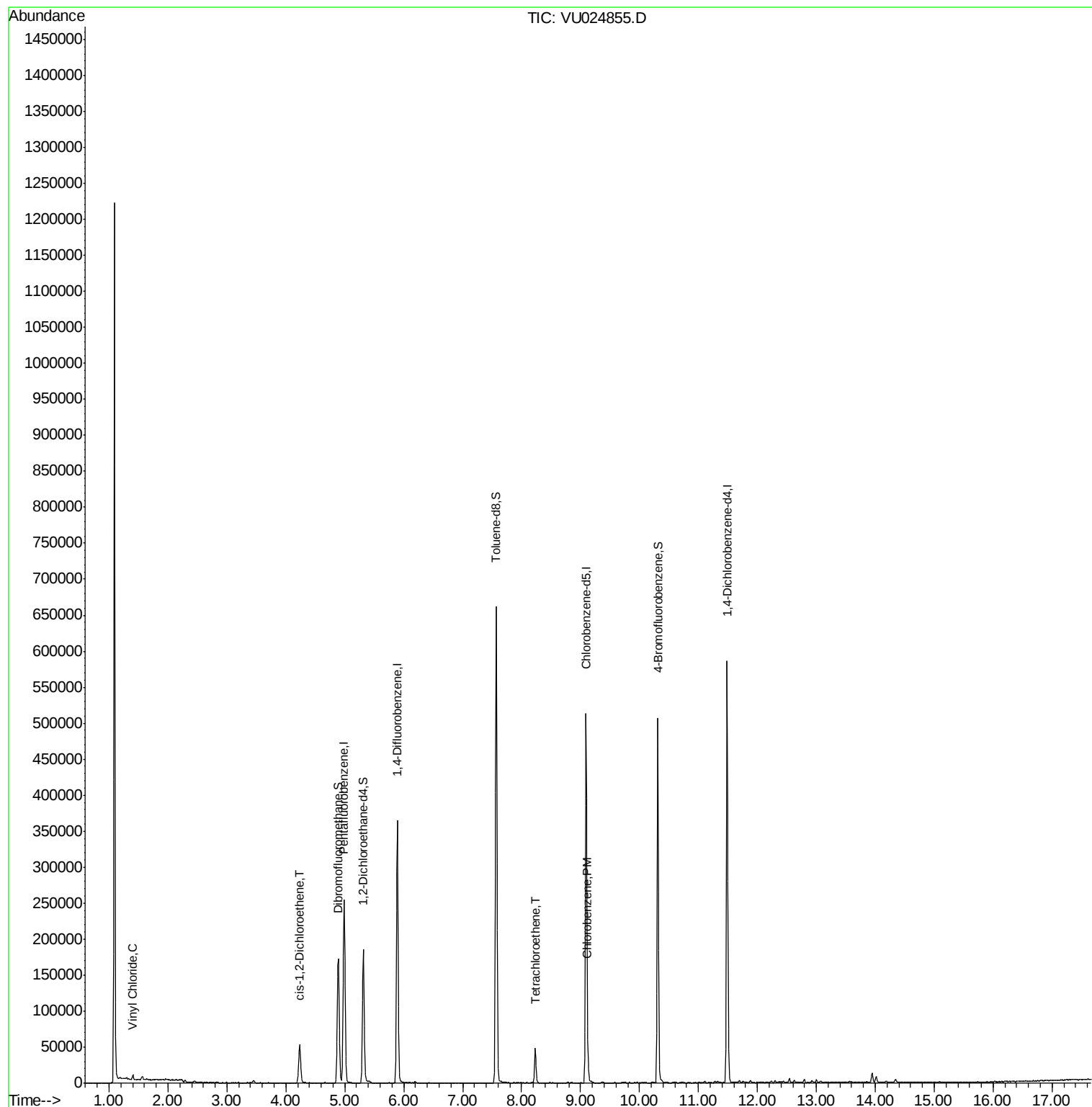
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	197633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303100	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	146815	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
35) Dibromofluoromethane	4.89	113	117136	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
50) Toluene-d8	7.57	98	441108	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	10.31	95	161279	44.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.54%	
Target Compounds						
4) Vinyl Chloride	1.40	62	4277	1.64	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	29934	10.51	ug/l	86
64) Tetrachloroethene	8.23	164	10907	4.12	ug/l	95
65) Chlorobenzene	9.12	112	16366	2.30	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: VU024855.D

Acq: 23 Jun 2018 00:41

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ClientSampleId :

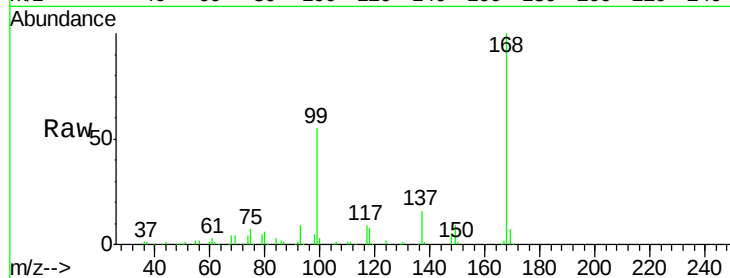
WP021MW038-180619

Tot Ion:168 Resp: 197633

Ion Ratio Lower Upper

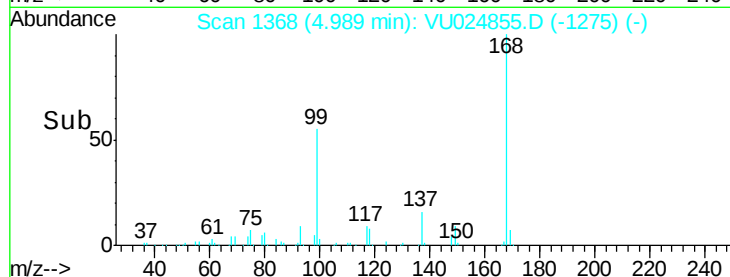
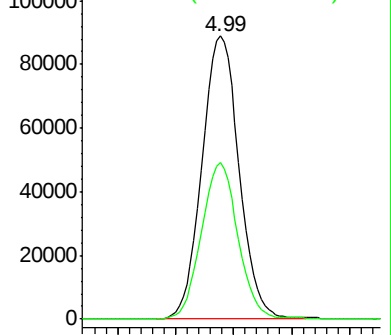
168 100

99 55.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#4

Vinyl Chloride

Concen: 1.64 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024855.D

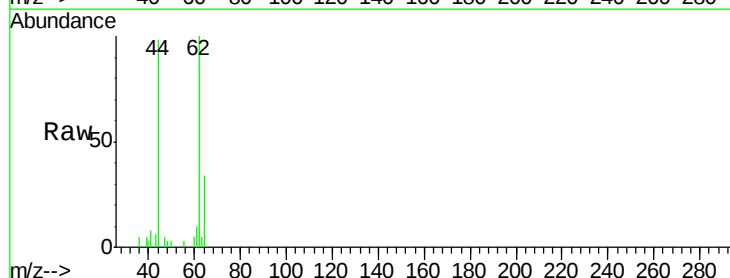
Acq: 23 Jun 2018 00:41

Tgt Ion: 62 Resp: 4277

Ion Ratio Lower Upper

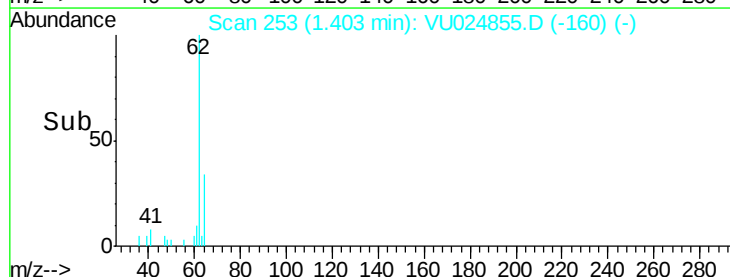
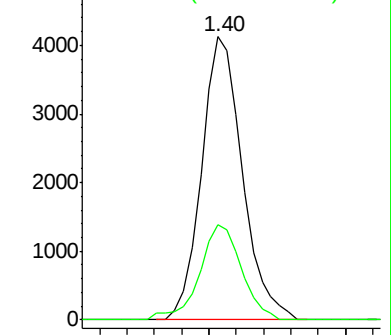
62 100

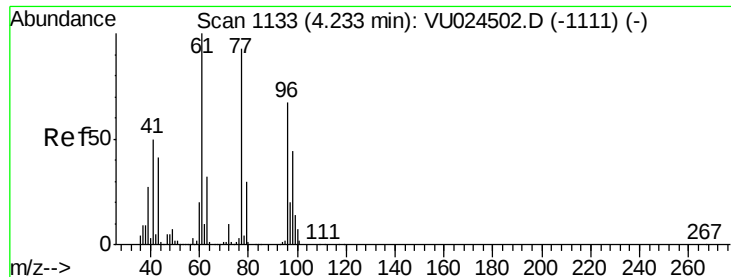
64 33.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 10.51 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024855.D

Acq: 23 Jun 2018 00:41

Instrument :

MSVOA_U

ClientSampleId :

WP021MW038-180619

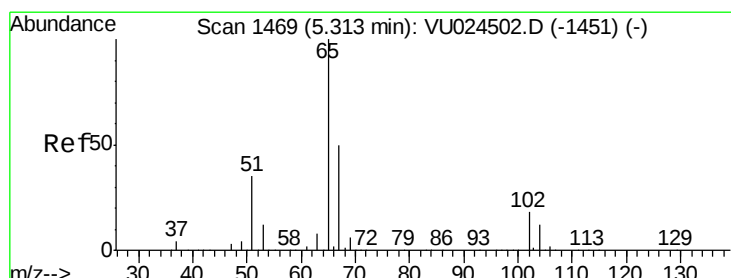
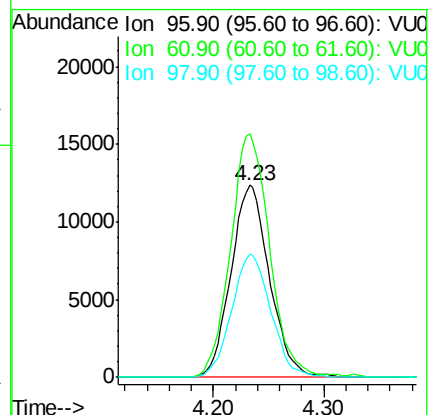
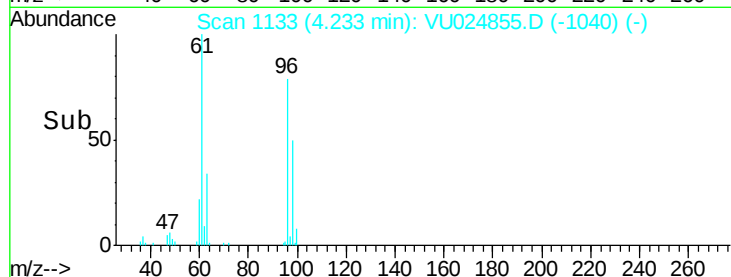
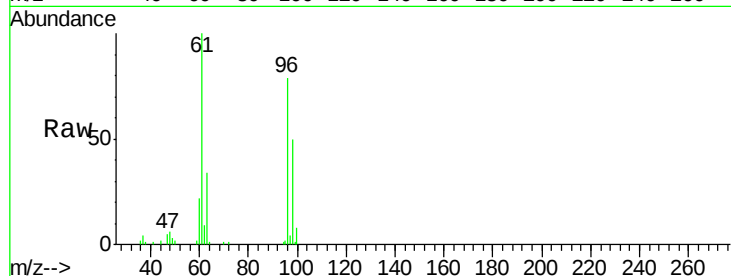
Tot Ion: 96 Resp: 29934

Ion Ratio Lower Upper

96 100

61 128.9 0.0 306.6

98 65.1 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 45.50 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024855.D

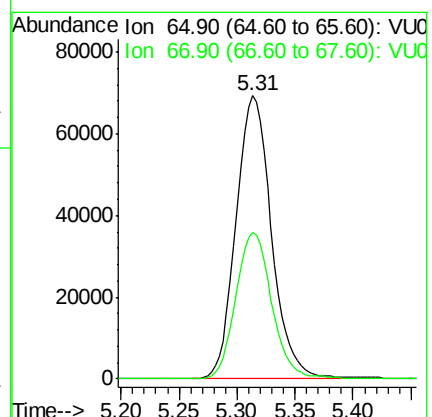
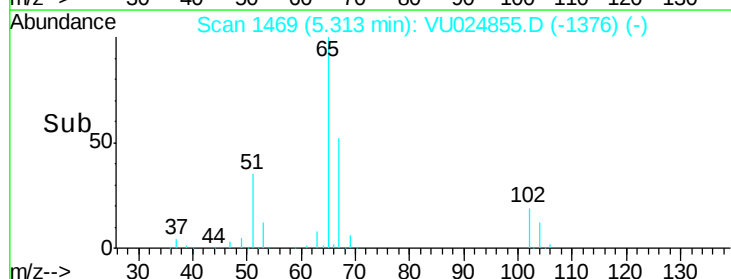
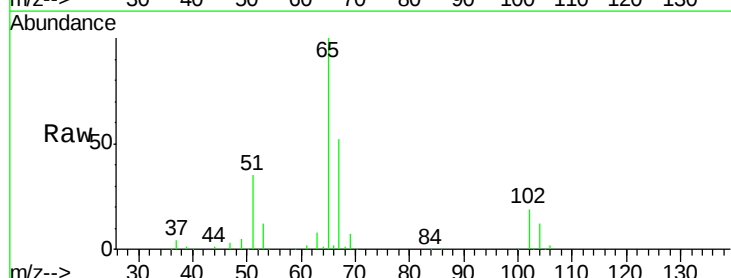
Acq: 23 Jun 2018 00:41

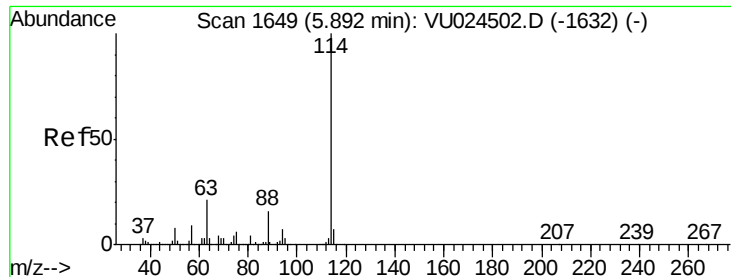
Tgt Ion: 65 Resp: 146815

Ion Ratio Lower Upper

65 100

67 52.5 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: VU024855.D

Acq: 23 Jun 2018 00:41

Instrument :

MSVOA_U

ClientSampleId :

WP021MW038-180619

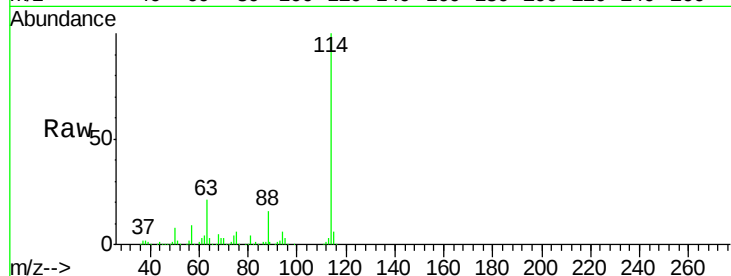
Tot Ion:114 Resp: 303100

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

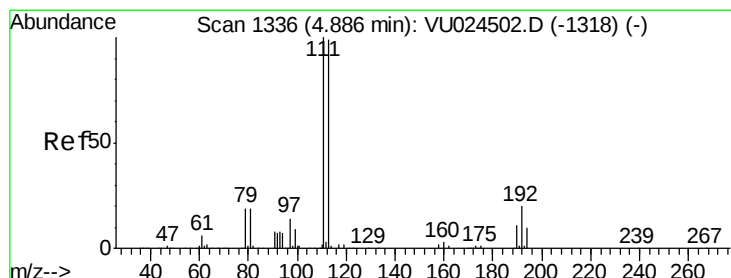
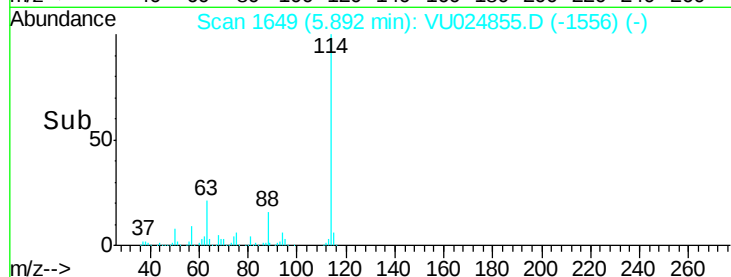
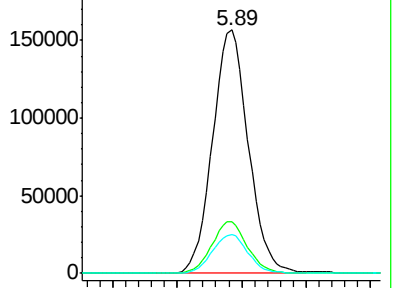
88 16.0 0.0 31.0



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: 46.57 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024855.D

Acq: 23 Jun 2018 00:41

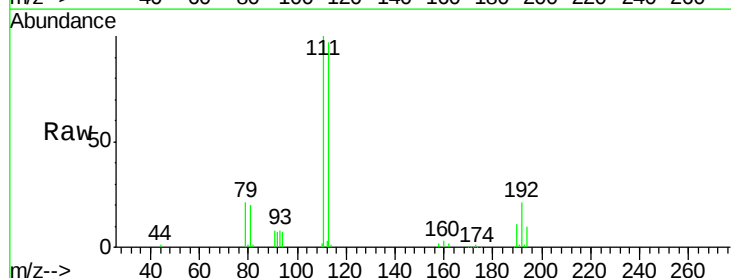
Tgt Ion:113 Resp: 117136

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

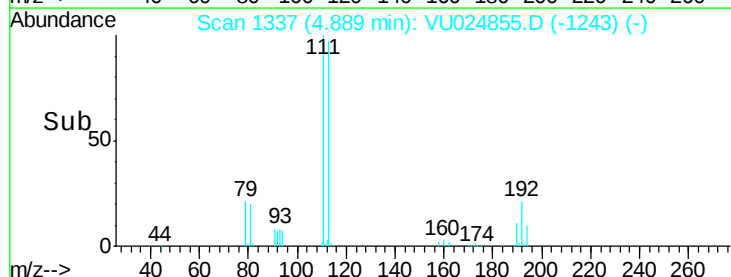
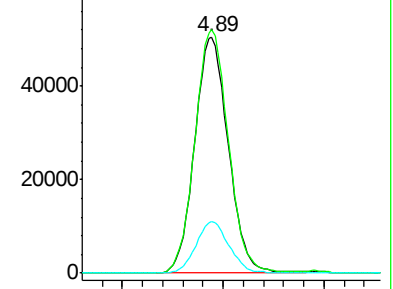
192 21.4 16.2 24.4



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: 48.07 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024855.D

Acq: 23 Jun 2018 00:41

Instrument :

MSVOA_U

ClientSampleId :

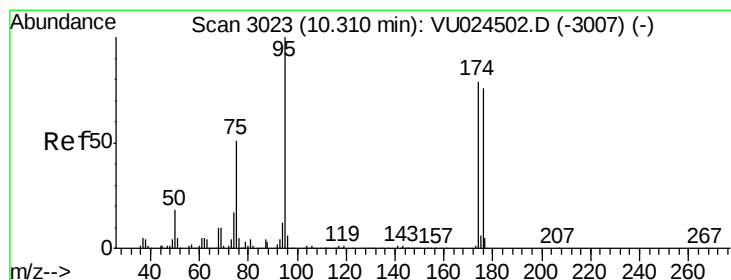
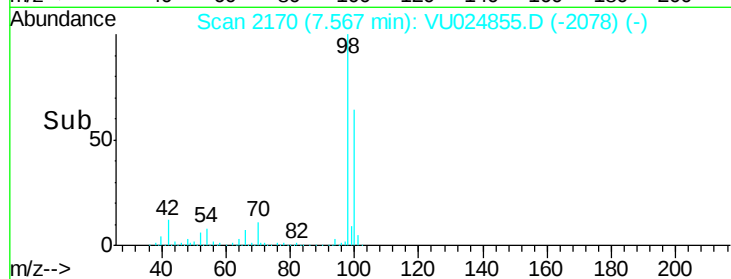
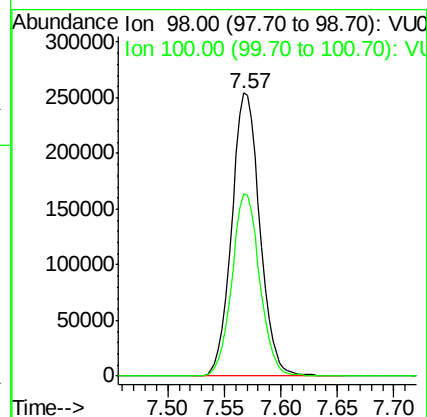
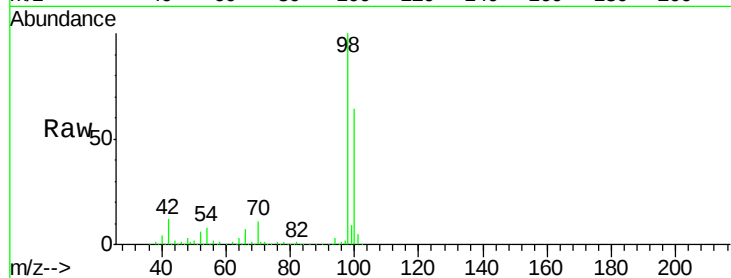
WP021MW038-180619

Tot Ion: 98 Resp: 441108

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.27 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024855.D

Acq: 23 Jun 2018 00:41

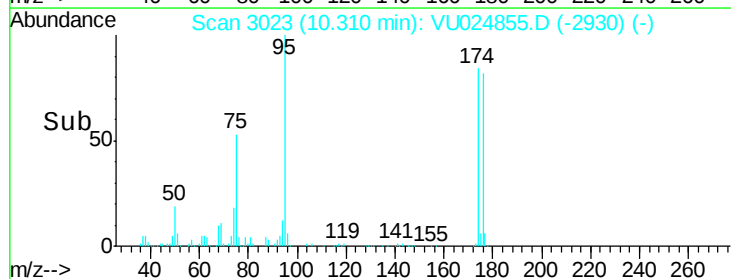
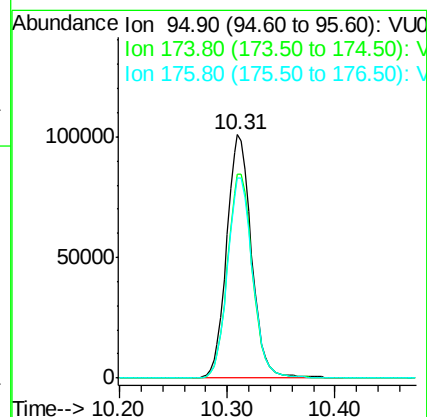
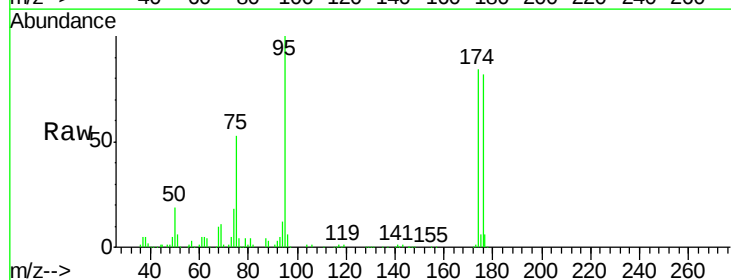
Tgt Ion: 95 Resp: 161279

Ion Ratio Lower Upper

95 100

174 84.5 0.0 165.8

176 83.1 0.0 159.4

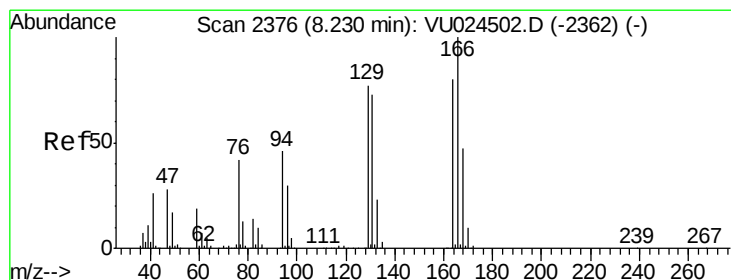
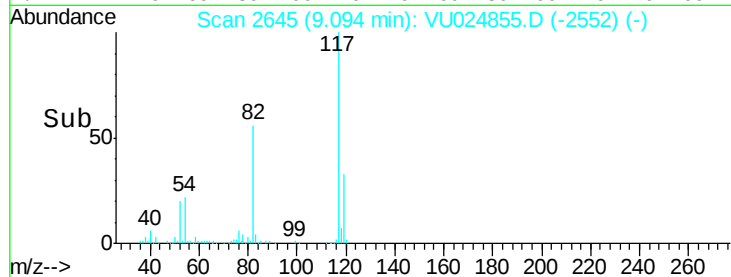
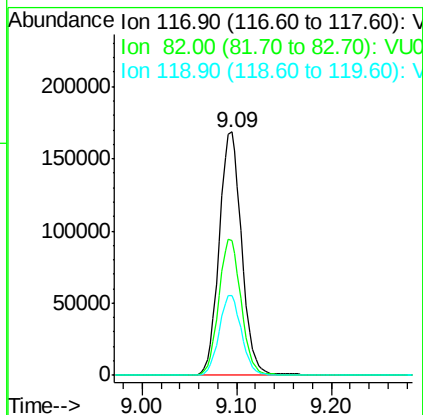
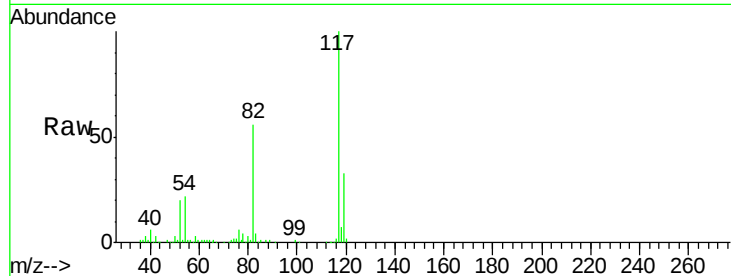




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024855.D
Acq: 23 Jun 2018 00:41

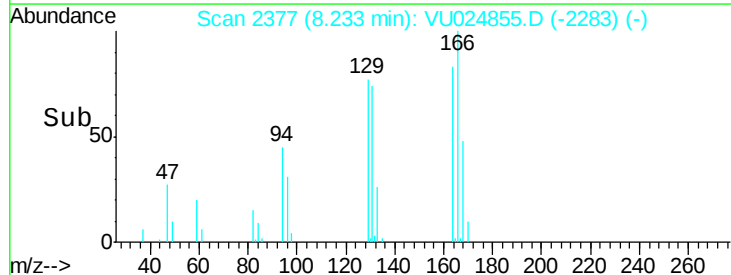
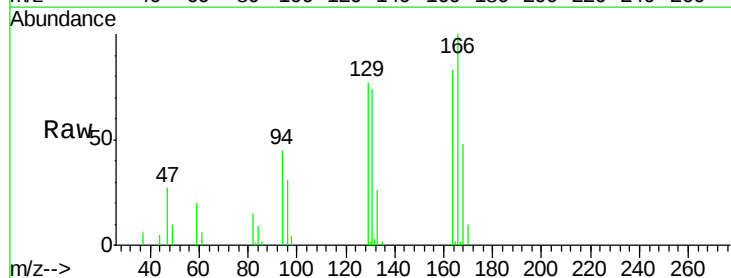
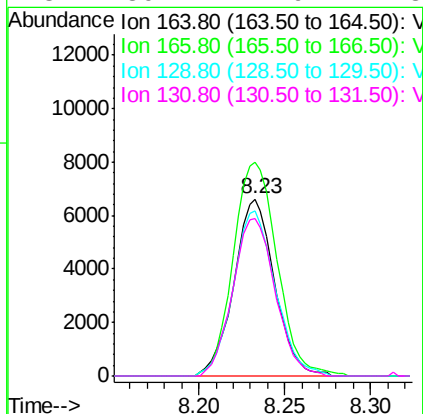
Instrument :
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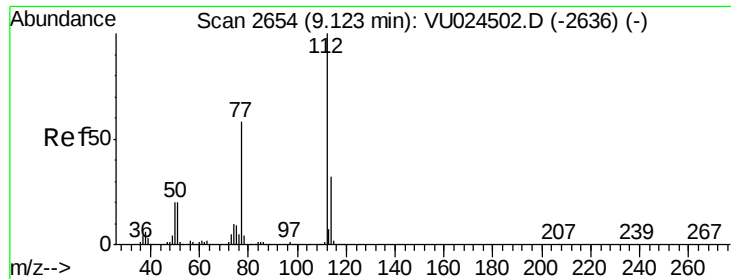
Tot Ion:117 Resp: 278742
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.9 25.4 38.2



#64
Tetrachloroethene
Concen: 4.12 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024855.D
Acq: 23 Jun 2018 00:41

Tgt Ion:164 Resp: 10907
Ion Ratio Lower Upper
164 100
166 120.6 101.7 152.5
129 93.0 76.9 115.3
131 89.1 74.9 112.3





#65

Chlorobenzene

Concen: 2.30 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU024855.D

Acq: 23 Jun 2018 00:41

Instrument :

MSVOA_U

ClientSampleId :

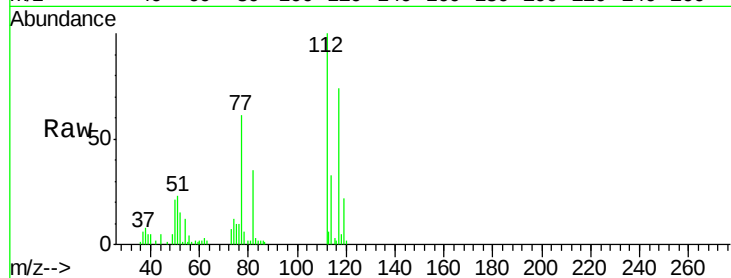
WP021MW038-180619

Tot Ion:112 Resp: 16366

Ion Ratio Lower Upper

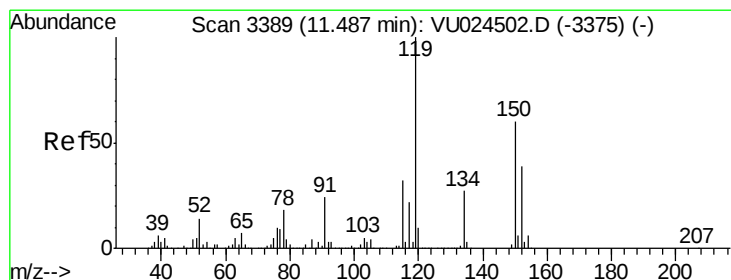
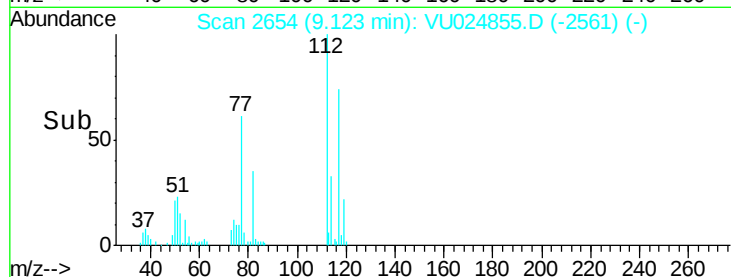
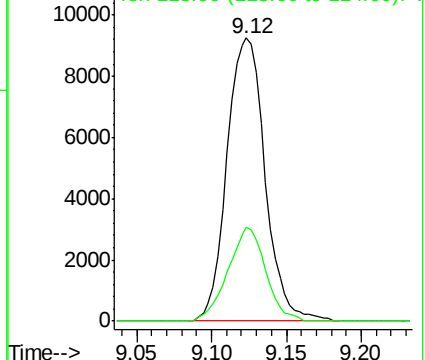
112 100

114 33.0 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: VU024855.D

Acq: 23 Jun 2018 00:41

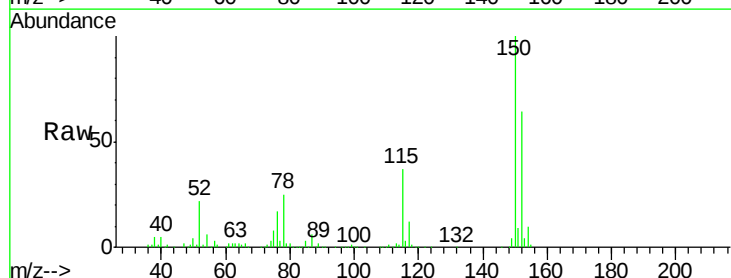
Tgt Ion:152 Resp: 151784

Ion Ratio Lower Upper

152 100

115 57.7 43.0 129.0

150 156.1 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

