

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024850.D
 Acq On : 22 Jun 2018 22:40
 Operator : MD/SY
 Sample : J3662-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW002-180618

Quant Time: Jun 23 04:17:52 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

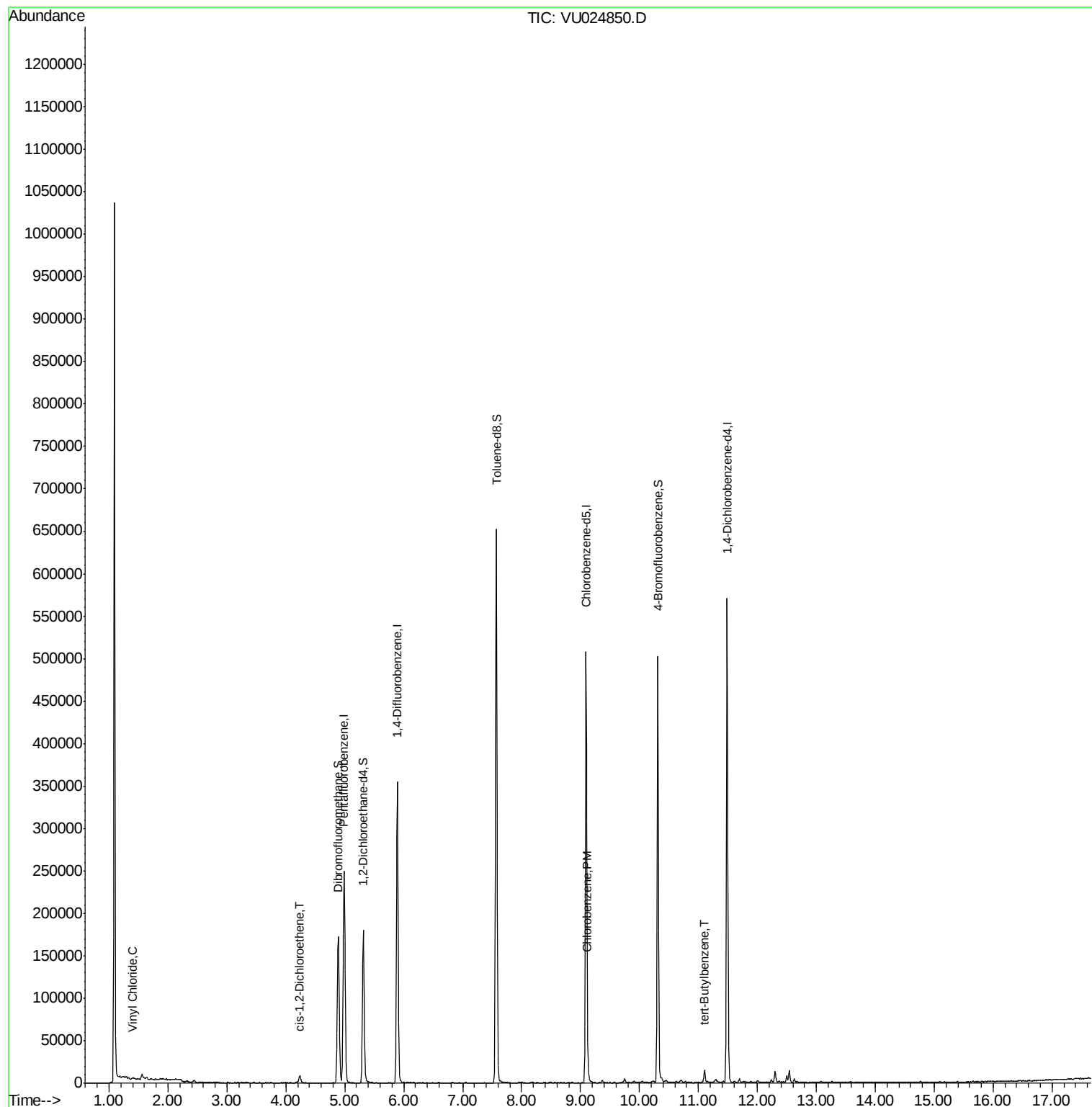
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	195903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299173	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	275210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	142740	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
35) Dibromofluoromethane	4.89	113	115174	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
50) Toluene-d8	7.57	98	437056	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	10.31	95	159669	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1026	0.40	ug/l	# 67
27) cis-1,2-Dichloroethene	4.24	96	4673	1.65	ug/l	86
65) Chlorobenzene	9.12	112	8767	1.25	ug/l	96
83) tert-Butylbenzene	11.10	119	7006	0.72	ug/l	89

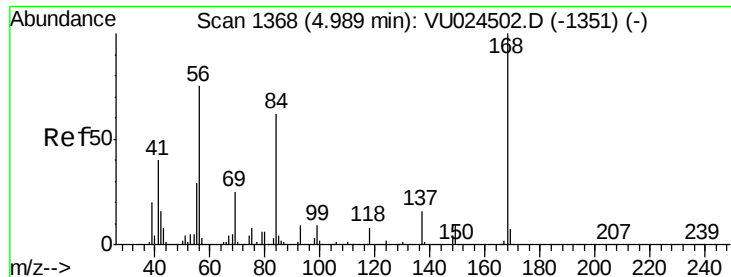
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024850.D

Acq: 22 Jun 2018 22:40

Instrument :

MSVOA_U

ClientSampleId :

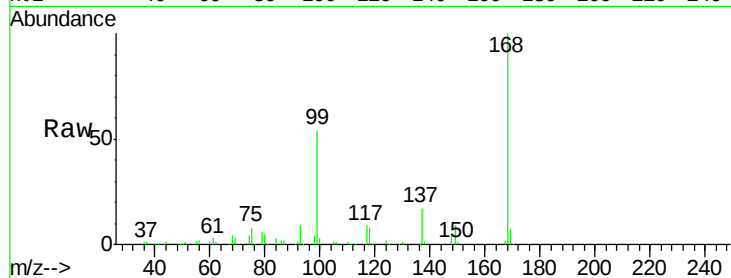
WP021MW002-180618

Tot Ion:168 Resp: 195903

Ion Ratio Lower Upper

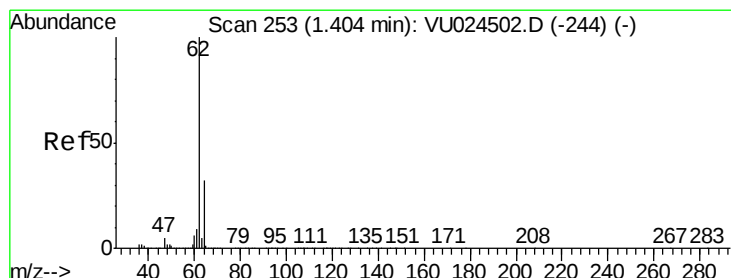
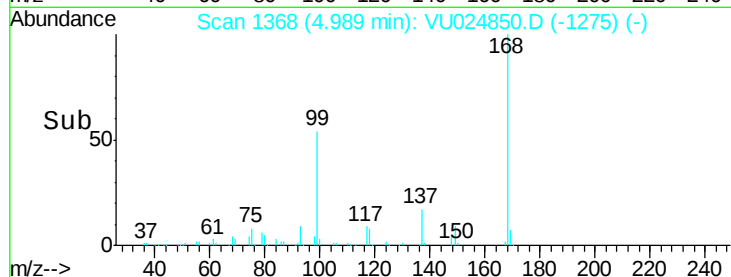
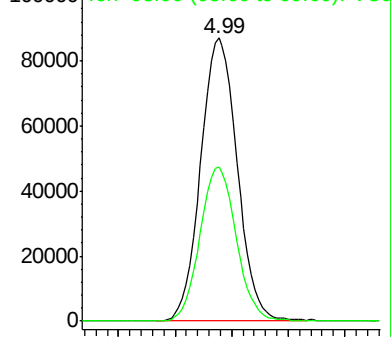
168 100

99 54.3 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: 0.40 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024850.D

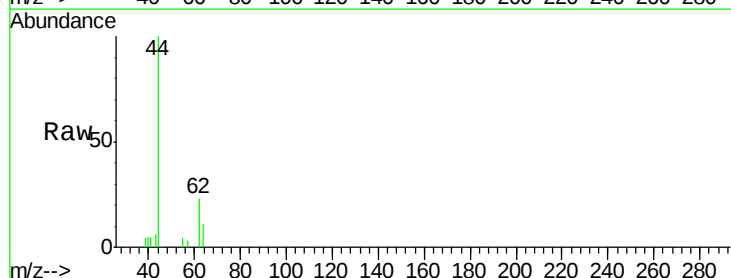
Acq: 22 Jun 2018 22:40

Tgt Ion: 62 Resp: 1026

Ion Ratio Lower Upper

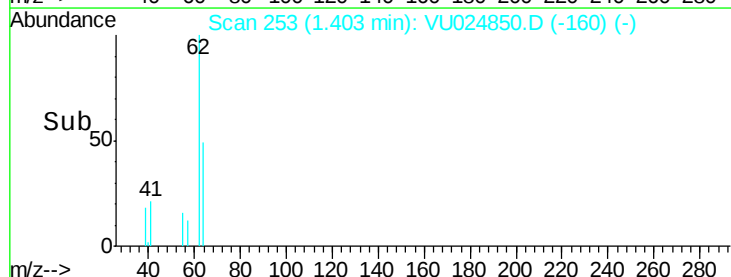
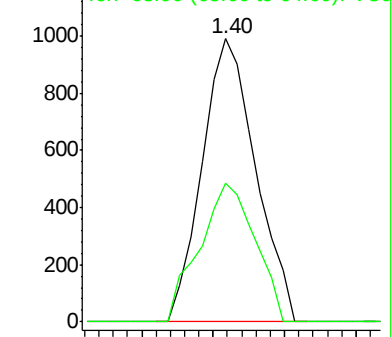
62 100

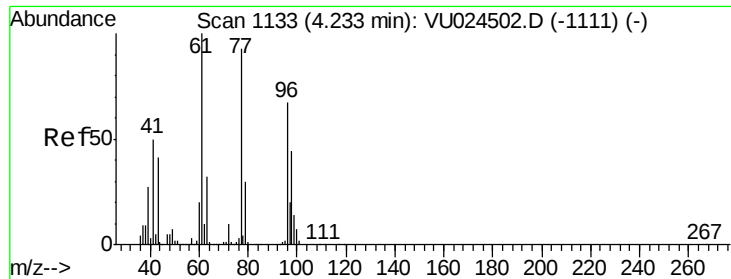
64 49.1 24.8 37.2#



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: 1.65 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU024850.D

Acq: 22 Jun 2018 22:40

Instrument :

MSVOA_U

ClientSampleId :

WP021MW002-180618

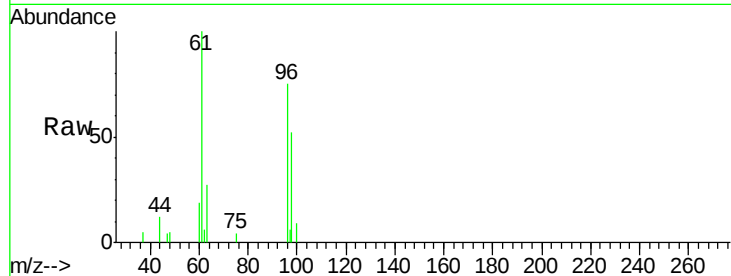
Tot Ion: 96 Resp: 4673

Ion Ratio Lower Upper

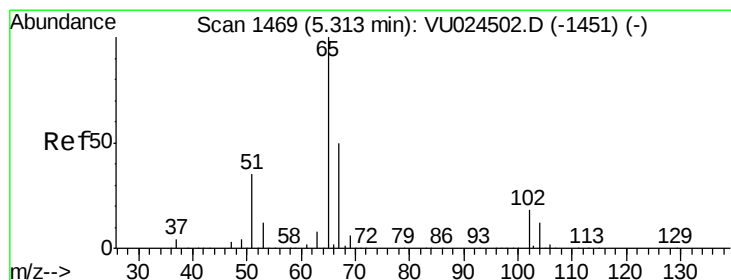
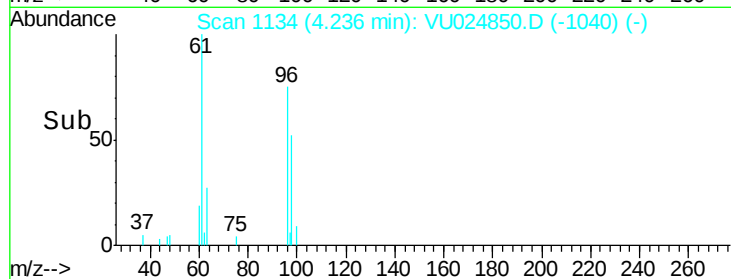
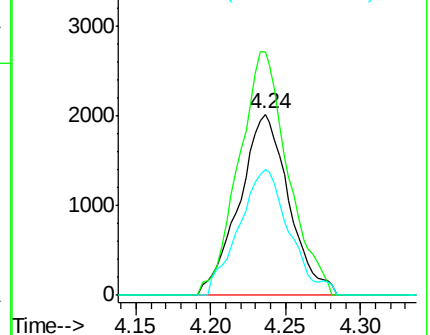
96 100

61 132.6 0.0 306.6

98 70.3 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 44.63 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024850.D

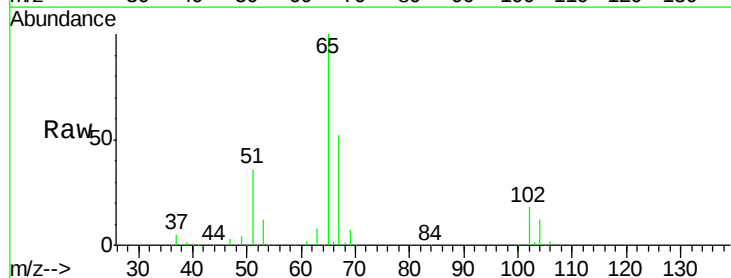
Acq: 22 Jun 2018 22:40

Tgt Ion: 65 Resp: 142740

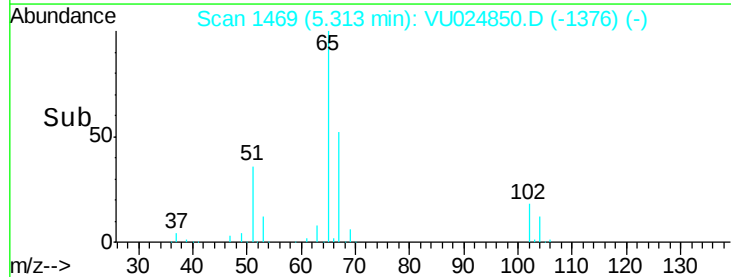
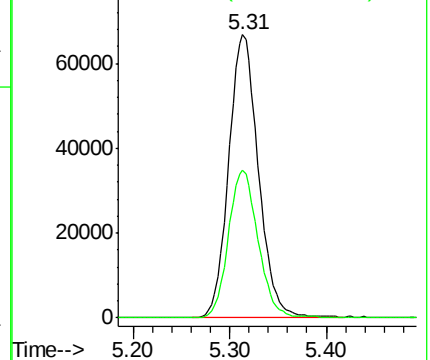
Ion Ratio Lower Upper

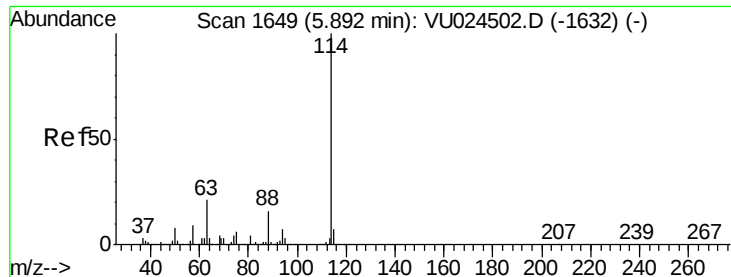
65 100

67 51.6 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# 1649

Delta R.T. -0.00 min

Lab File: VU024850.D

Acq: 22 Jun 2018 22:40

Instrument :

MSVOA_U

ClientSampleId :

WP021MW002-180618

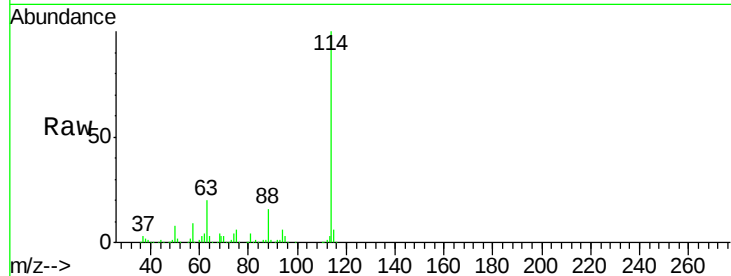
Tot Ion:114 Resp: 299173

Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.4

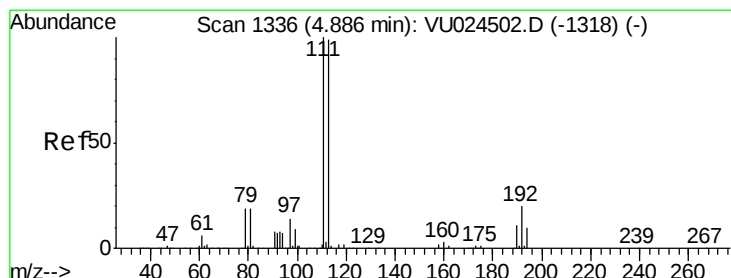
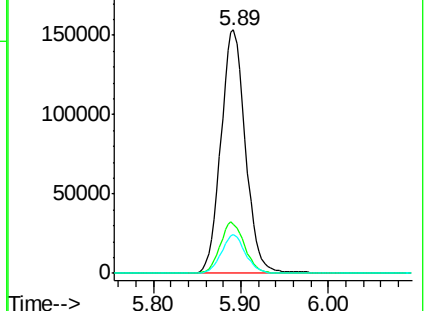
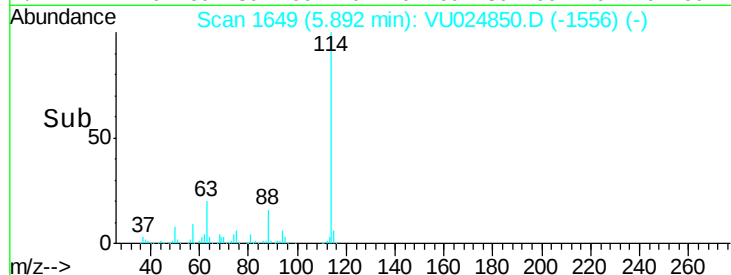
88 15.8 0.0 31.0



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: 46.39 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024850.D

Acq: 22 Jun 2018 22:40

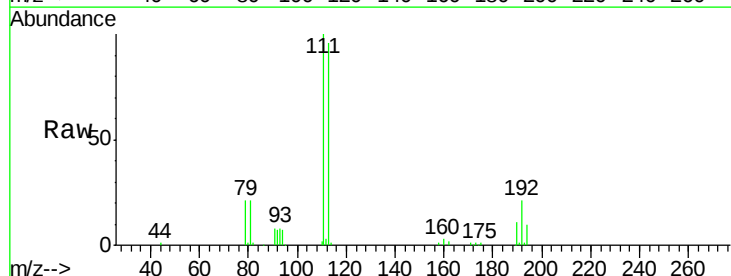
Tgt Ion:113 Resp: 115174

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

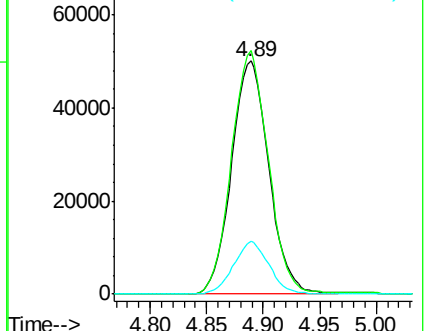
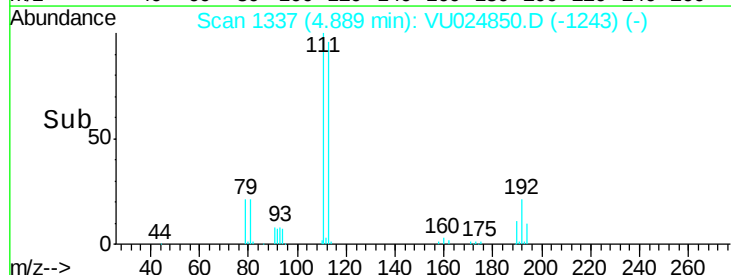
192 21.4 16.2 24.4

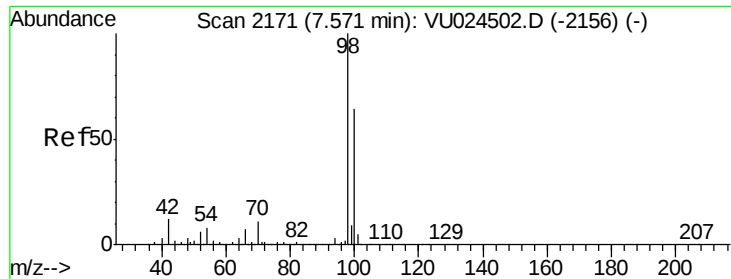


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.26 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024850.D

Acq: 22 Jun 2018 22:40

Instrument :

MSVOA_U

ClientSampleId :

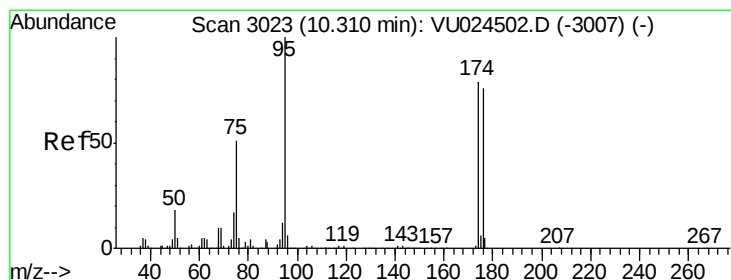
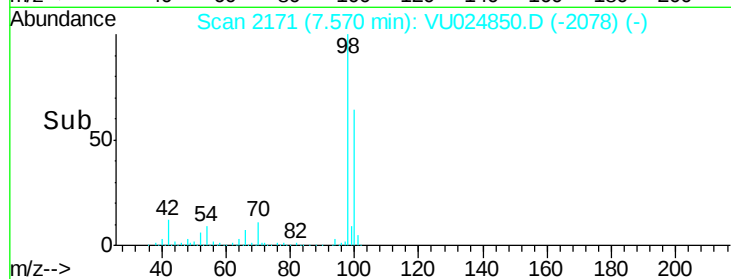
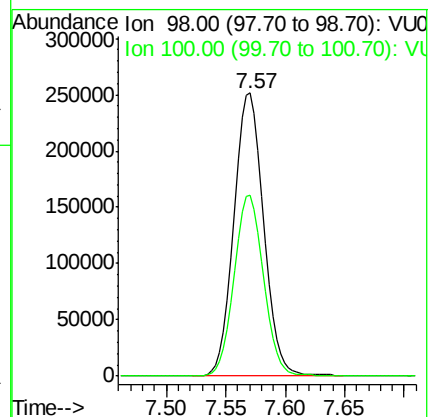
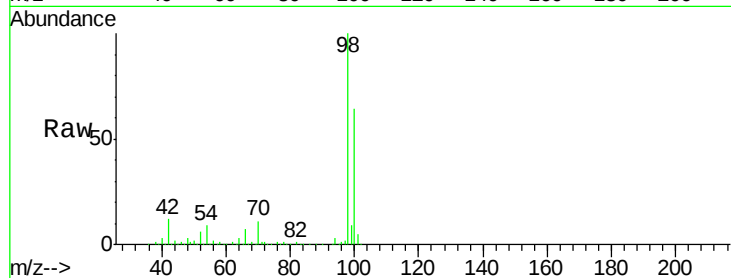
WP021MW002-180618

Tot Ion: 98 Resp: 437056

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.40 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024850.D

Acq: 22 Jun 2018 22:40

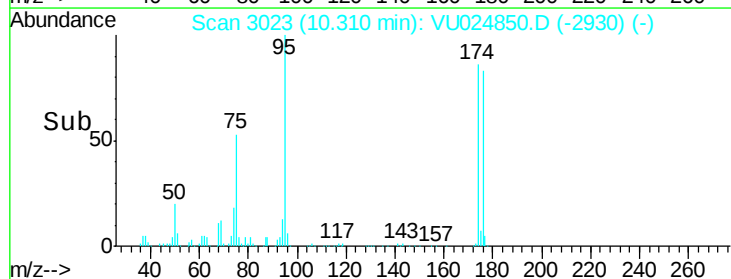
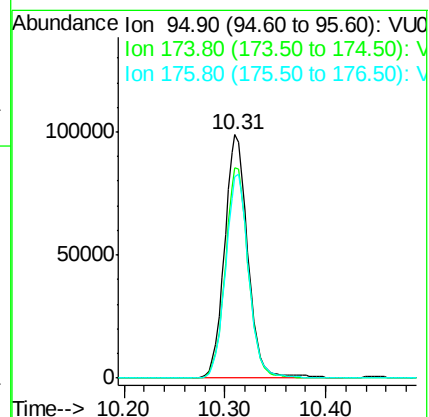
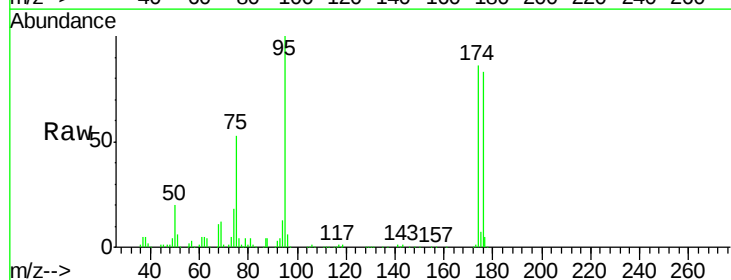
Tgt Ion: 95 Resp: 159669

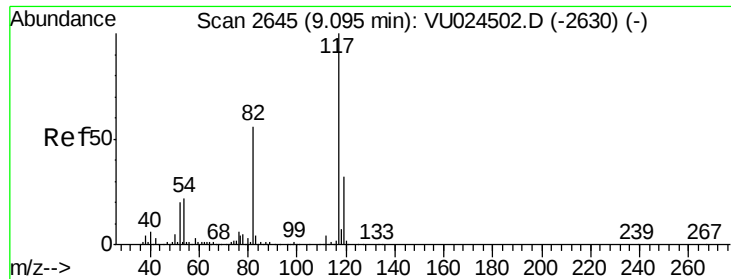
Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

176 82.7 0.0 159.4

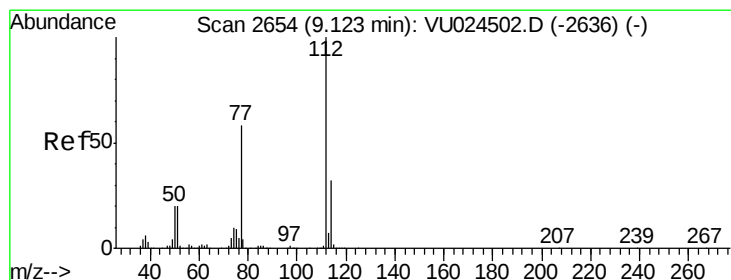
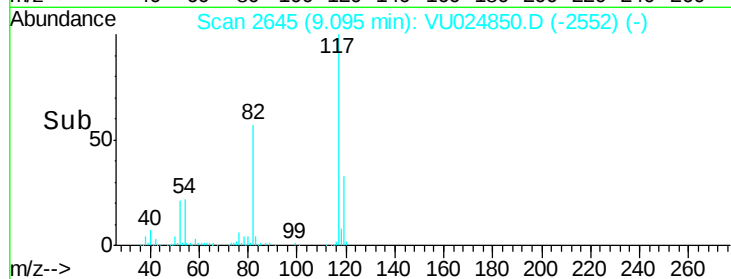
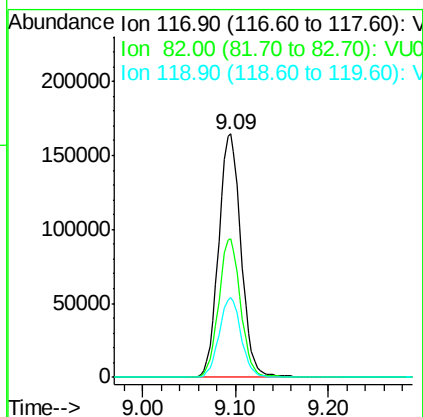
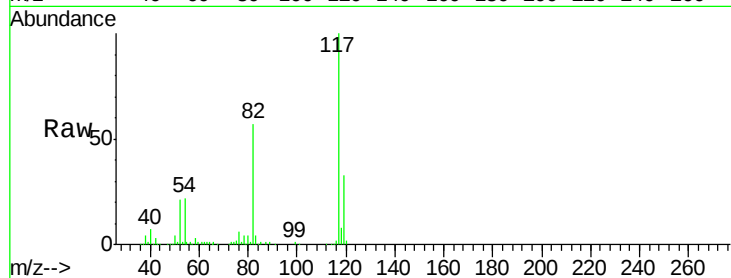




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024850.D
Acq: 22 Jun 2018 22:40

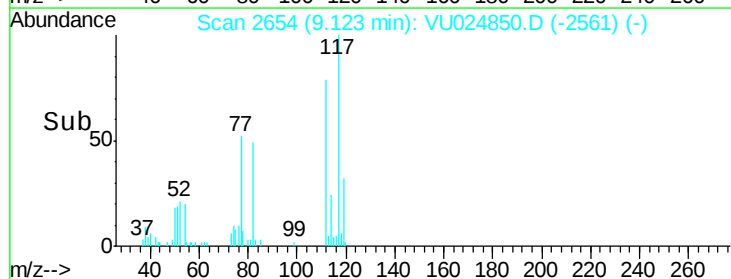
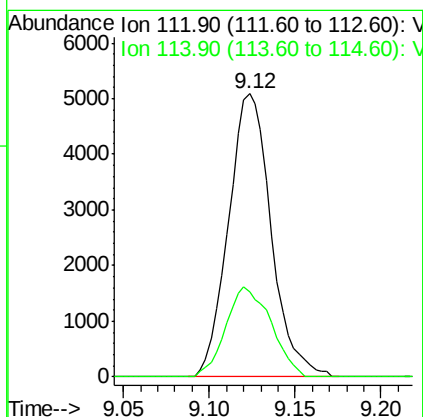
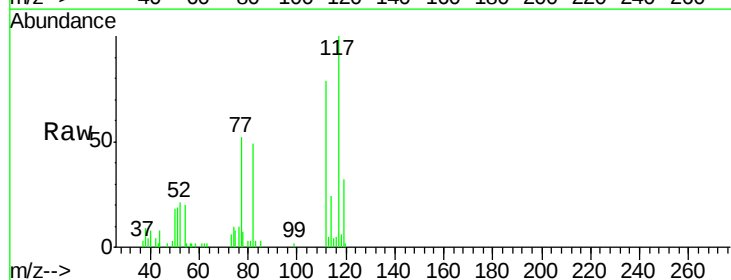
Instrument :
MSVOA_U
ClientSampleId :
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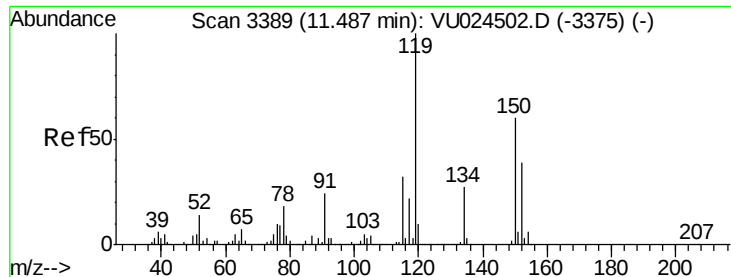
Tot Ion:117 Resp: 275210
Ion Ratio Lower Upper
117 100
82 57.0 44.3 66.5
119 32.9 25.4 38.2



#65
Chlorobenzene
Concen: 1.25 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024850.D
Acq: 22 Jun 2018 22:40

Tgt Ion:112 Resp: 8767
Ion Ratio Lower Upper
112 100
114 30.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024850.D

Acq: 22 Jun 2018 22:40

Instrument :

MSVOA_U

ClientSampleId :

WP021MW002-180618

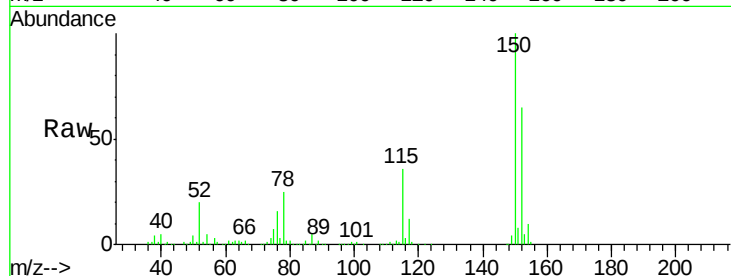
Tot Ion:152 Resp: 151516

Ion Ratio Lower Upper

152 100

115 55.6 43.0 129.0

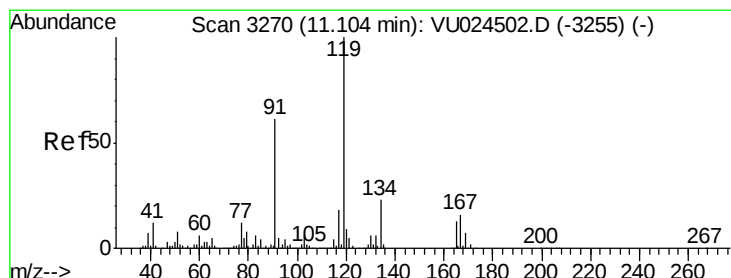
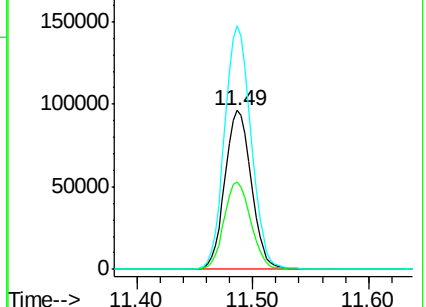
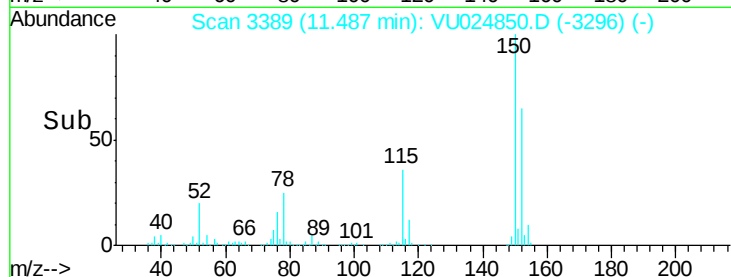
150 153.7 0.0 354.0



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



#83

tert-Butylbenzene

Concen: 0.72 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU024850.D

Acq: 22 Jun 2018 22:40

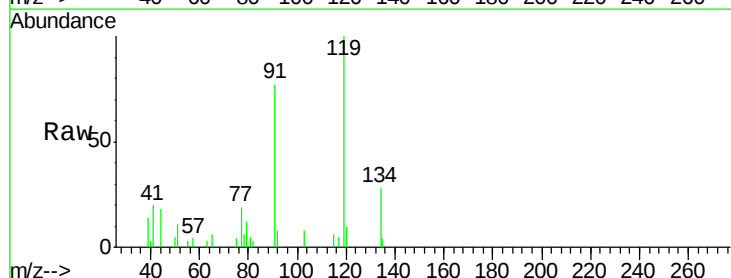
Tgt Ion:119 Resp: 7006

Ion Ratio Lower Upper

119 100

91 70.3 29.7 89.1

134 24.0 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V

