

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024878.D
 Acq On : 25 Jun 2018 16:32
 Operator : MD/SY
 Sample : J3662-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW173-180619

Quant Time: Jun 26 12:10:13 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

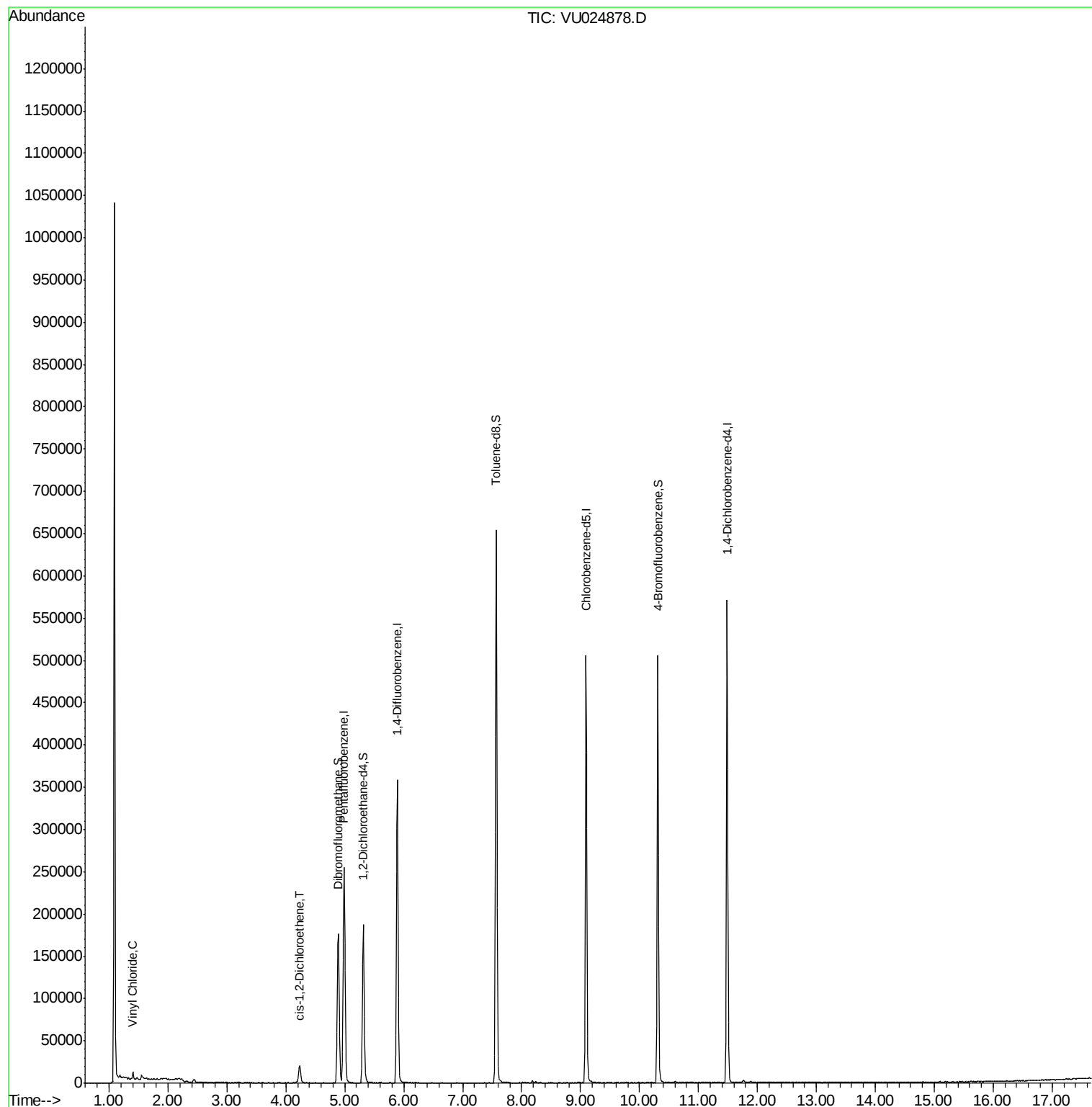
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	198150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303543	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	280211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	148086	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
35) Dibromofluoromethane	4.89	113	119108	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	7.57	98	440157	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	10.31	95	162316	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
Target Compounds						
4) Vinyl Chloride	1.40	62	5194	1.99	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	11867	4.15	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: VU024878.D

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Instrument :

MSVOA_U

ClientSampleId :

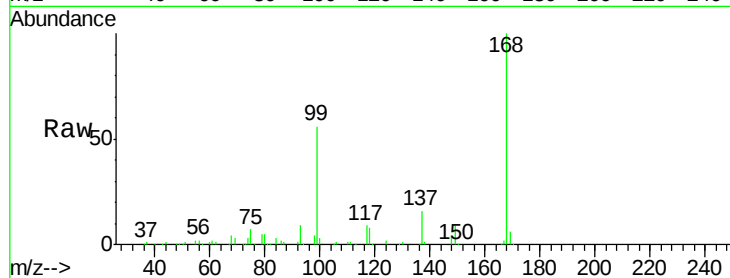
WP021MW173-180619

Tot Ion:168 Resp: 198150

Ion Ratio Lower Upper

168 100

99 55.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

4.99

80000

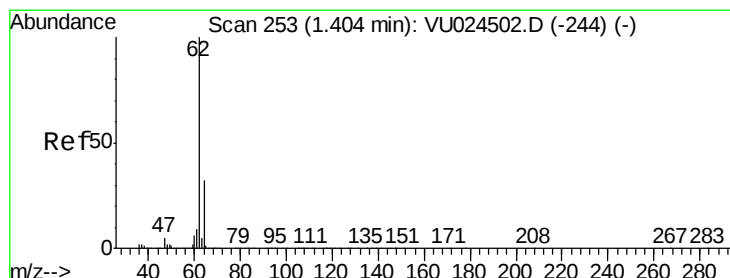
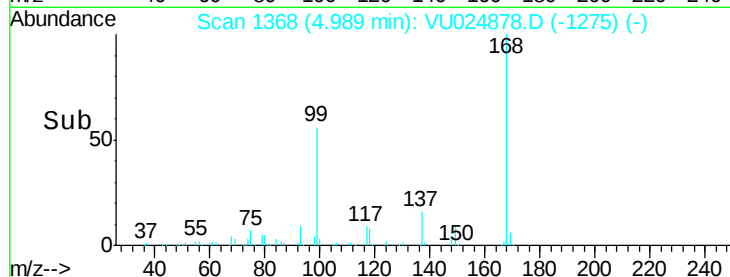
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 1.99 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024878.D

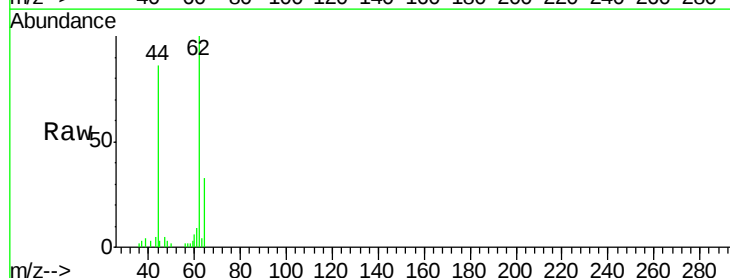
Acq: 25 Jun 2018 16:32

Tgt Ion: 62 Resp: 5194

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

5000

4000

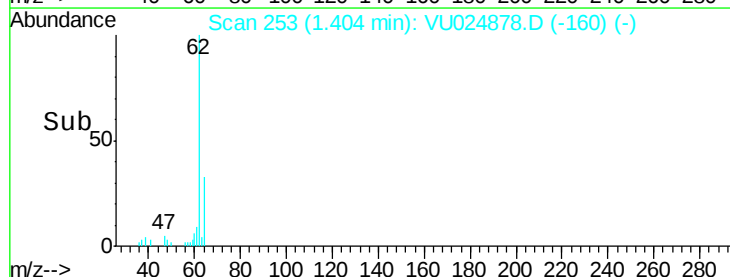
3000

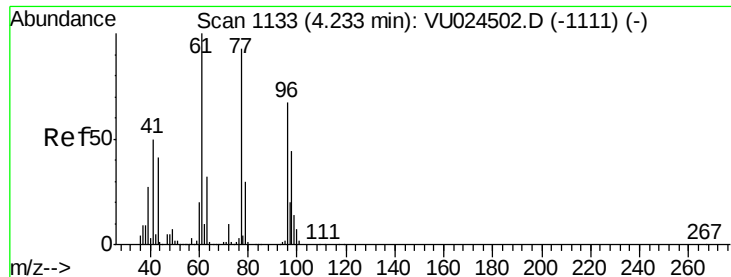
2000

1000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 4.15 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024878.D

Acq: 25 Jun 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

WP021MW173-180619

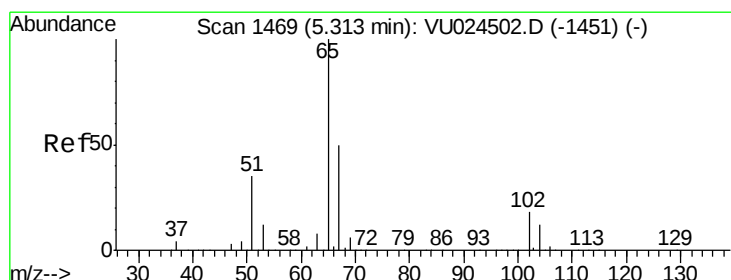
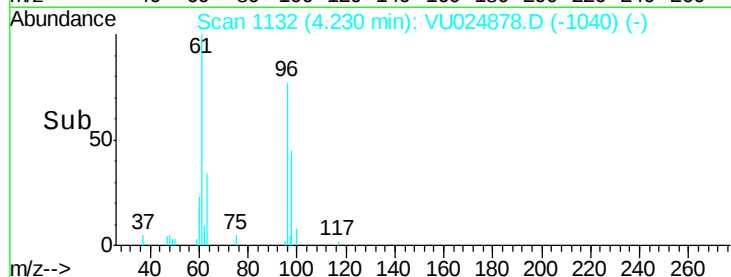
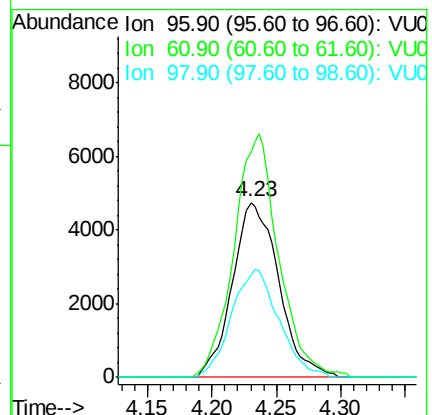
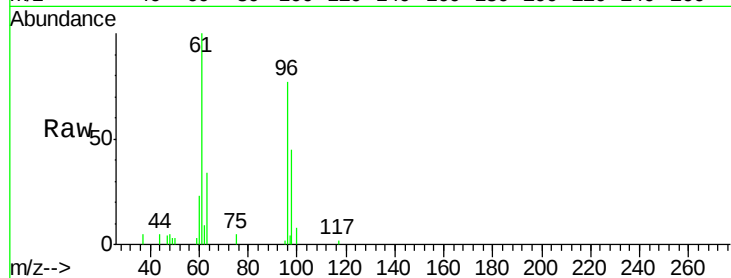
Tot Ion: 96 Resp: 11867

Ion Ratio Lower Upper

96 100

61 134.2 0.0 306.6

98 62.9 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 45.78 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024878.D

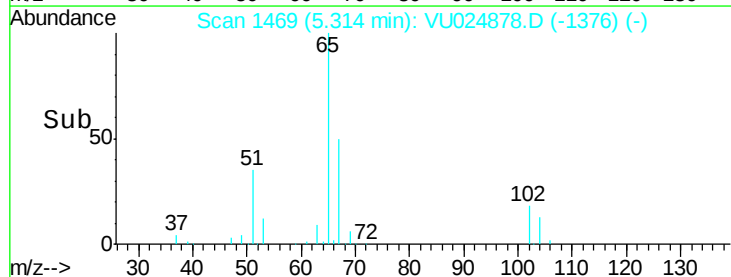
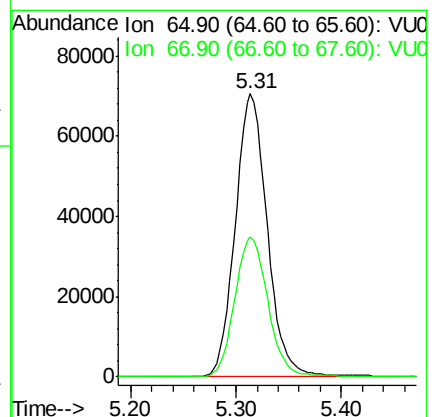
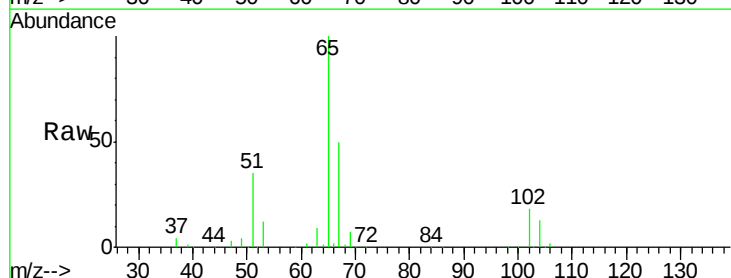
Acq: 25 Jun 2018 16:32

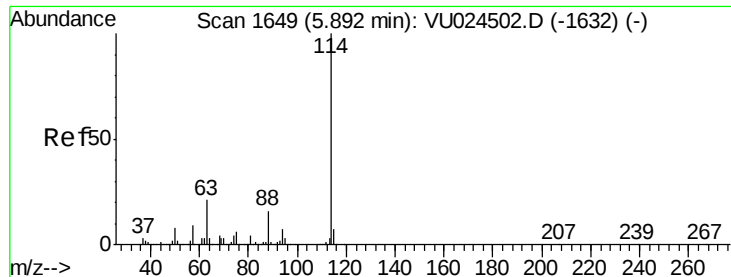
Tgt Ion: 65 Resp: 148086

Ion Ratio Lower Upper

65 100

67 51.0 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: VU024878.D

Acq: 25 Jun 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

WP021MW173-180619

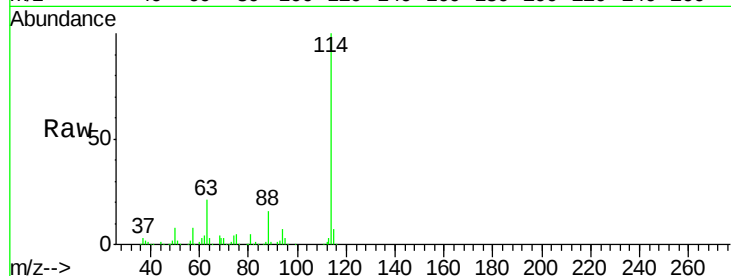
Tot Ion:114 Resp: 303543

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.4

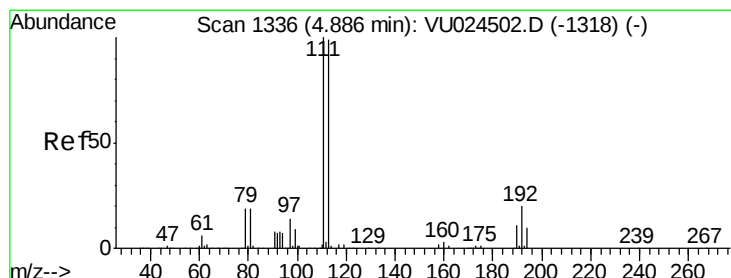
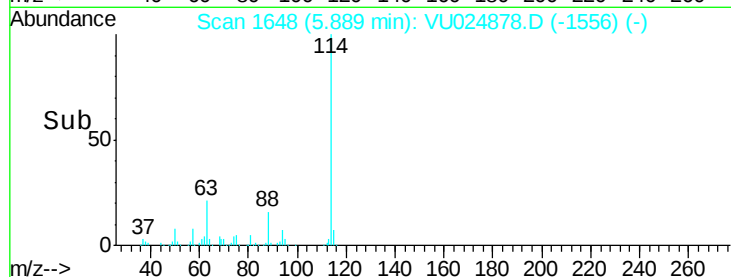
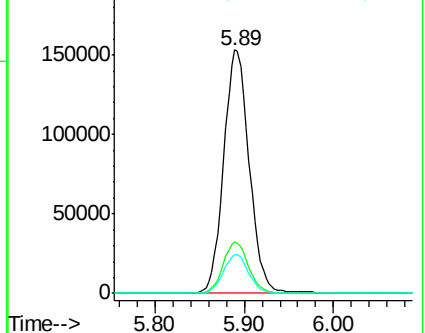
88 16.1 0.0 31.0



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: 47.28 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024878.D

Acq: 25 Jun 2018 16:32

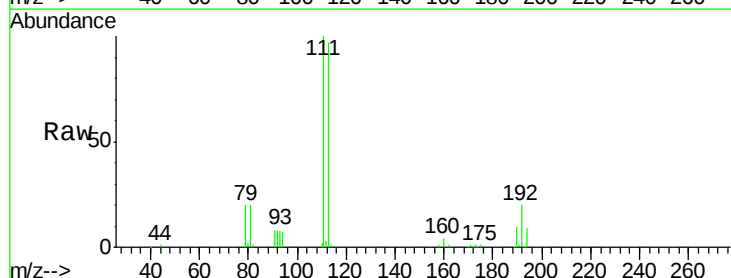
Tgt Ion:113 Resp: 119108

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

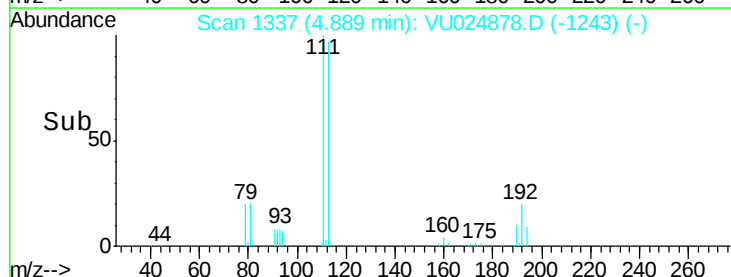
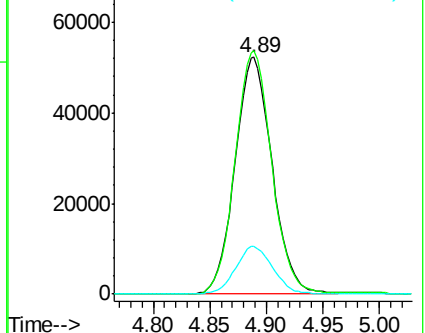
192 20.4 16.2 24.4



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: 47.90 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU024878.D

Acq: 25 Jun 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

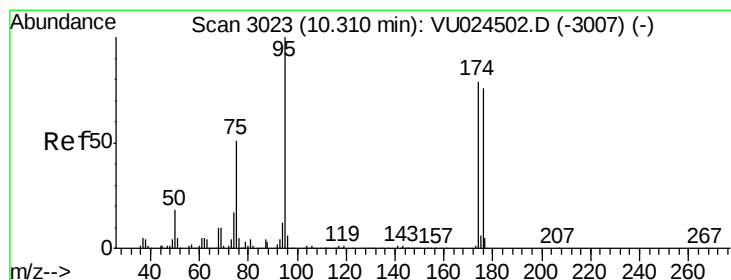
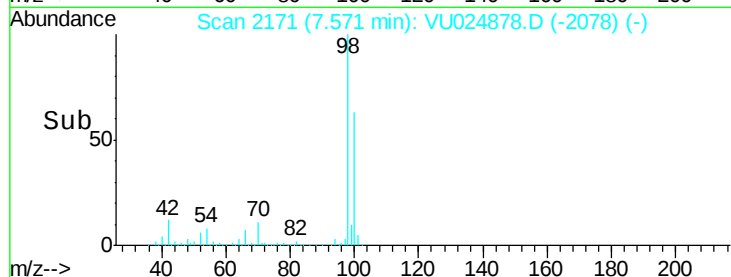
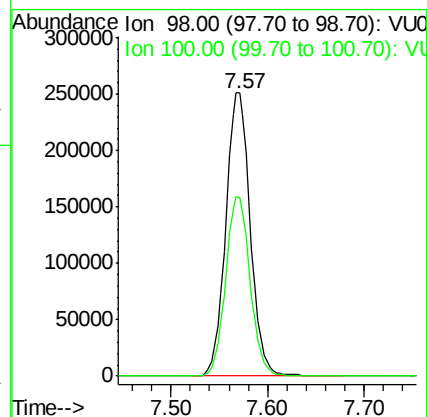
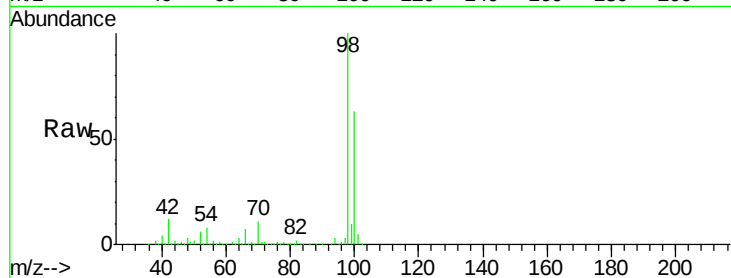
WP021MW173-180619

Tot Ion: 98 Resp: 440157

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.49 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024878.D

Acq: 25 Jun 2018 16:32

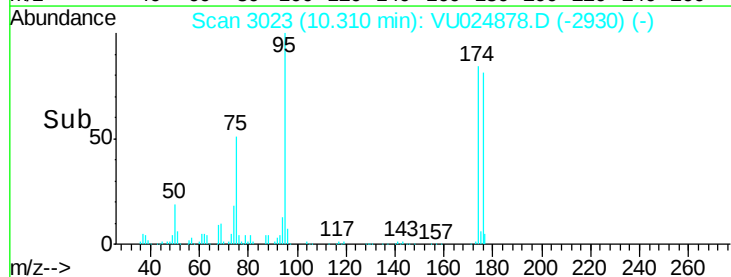
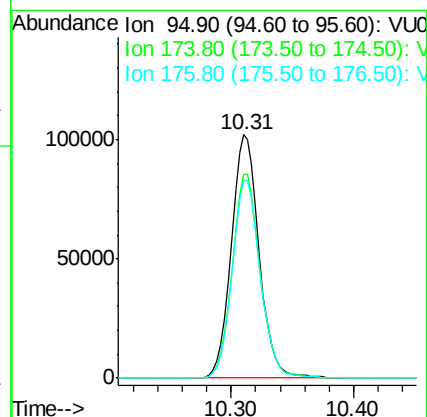
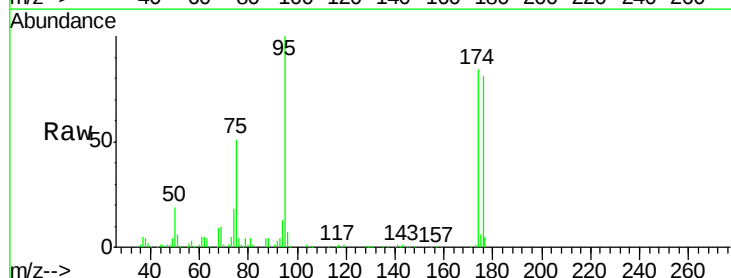
Tgt Ion: 95 Resp: 162316

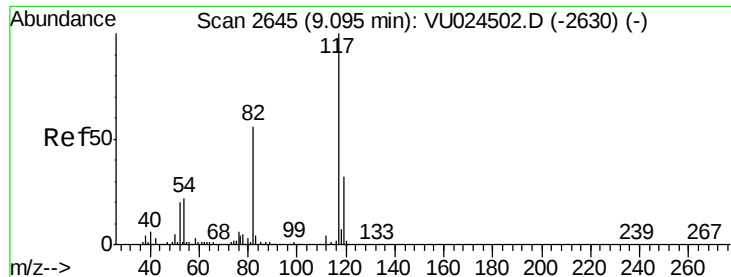
Ion Ratio Lower Upper

95 100

174 84.7 0.0 165.8

176 82.4 0.0 159.4

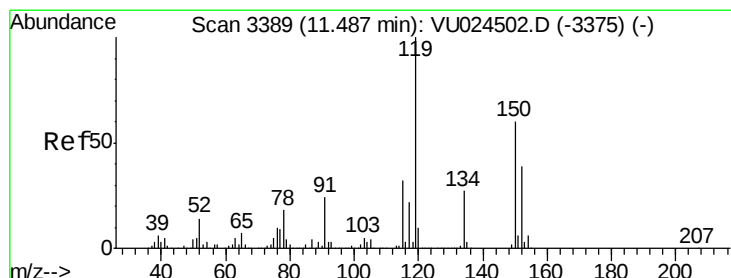
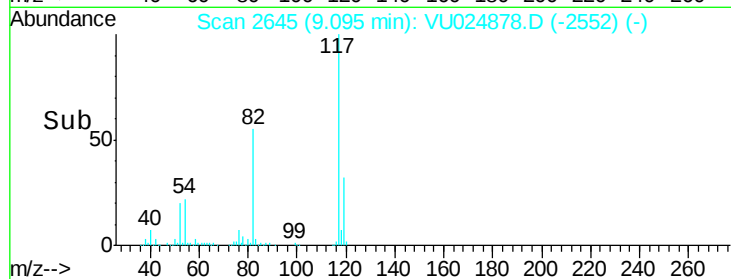
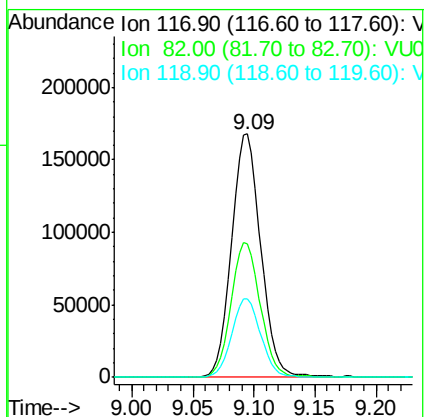
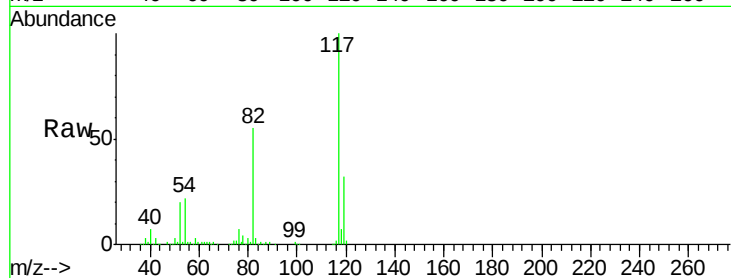




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024878.D
Acq: 25 Jun 2018 16:32

Instrument :
MSVOA_U
ClientSampleId :
WP021MW173-180619

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.3	66.5
119	32.3	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024878.D
Acq: 25 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	43.0	129.0
150	157.5	0.0	354.0

