

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024968.D
 Acq On : 27 Jun 2018 15:51
 Operator : MD/SY
 Sample : J3664-11ME
 Misc : 5.45g/5.0mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB476-33-35-180619ME

Quant Time: Jun 28 04:12:45 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

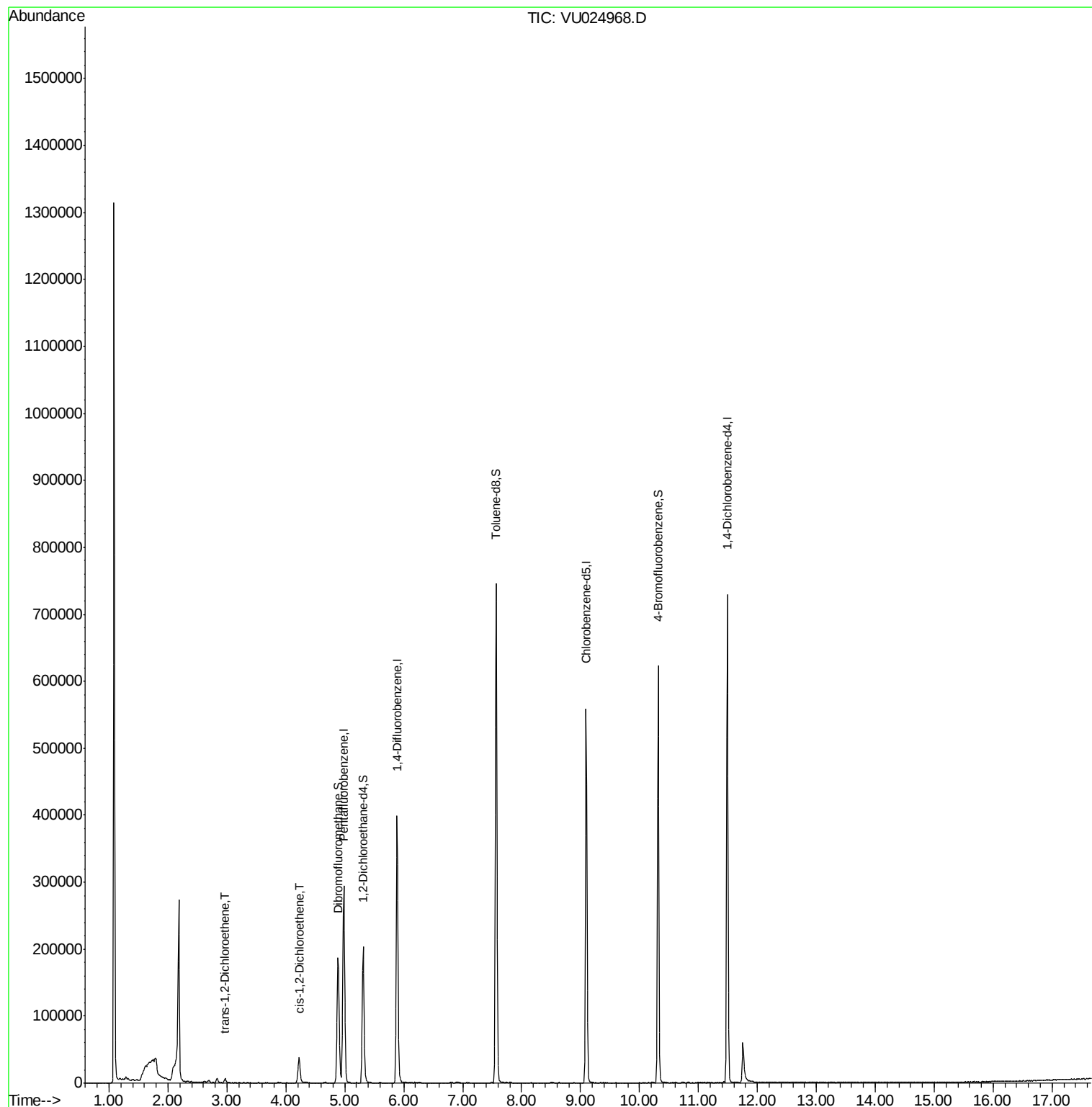
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	233918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	351442	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	337440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	195291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	175268	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
35) Dibromofluoromethane	4.89	113	136171	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
50) Toluene-d8	7.57	98	512858	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	10.32	95	207328	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
Target Compounds						
21) trans-1,2-Dichloroethene	2.97	96	2719	0.93	ug/l	87
27) cis-1,2-Dichloroethene	4.22	96	22550	6.69	ug/l	86

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

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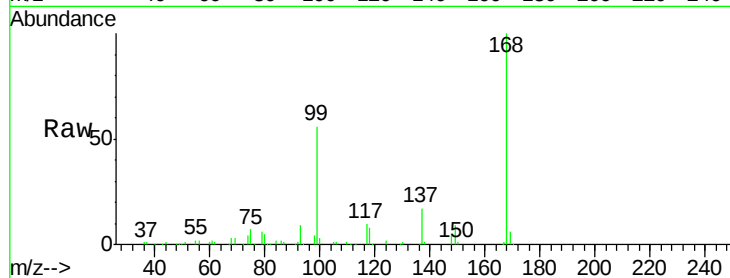
WP021SB476-33-35-180619ME

Tot Ion:168 Resp: 233918

Ion Ratio Lower Upper

168 100

99 55.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024968.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024968.D (-1275) (-)

4.98

120000

100000

80000

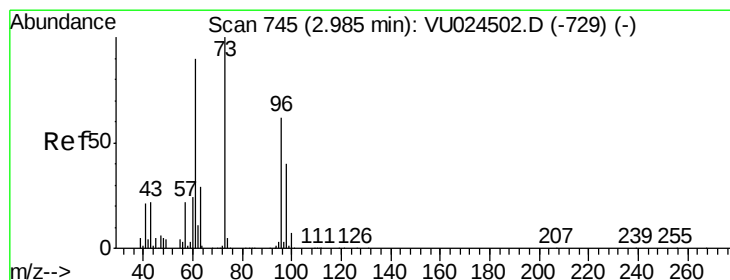
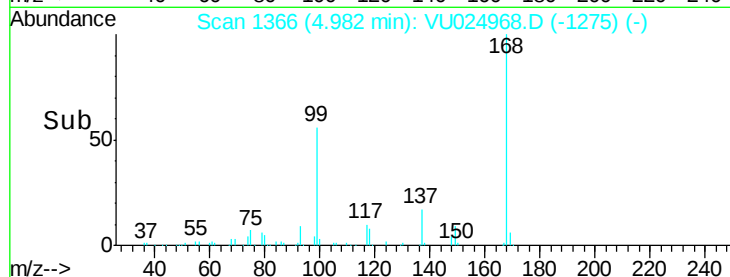
60000

40000

20000

0

Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.93 ug/l

RT: 2.97 min Scan# 740

Delta R.T. -0.02 min

Lab File: VU024968.D

Acq: 27 Jun 2018 15:51

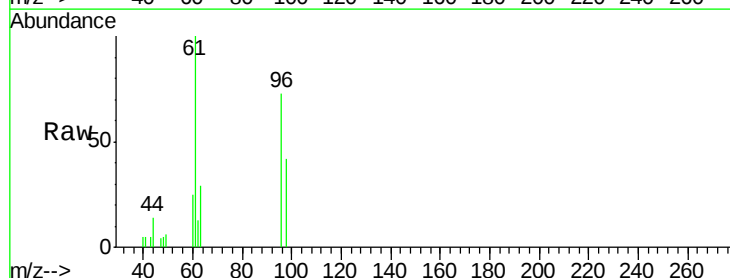
Tgt Ion: 96 Resp: 2719

Ion Ratio Lower Upper

96 100

61 130.9 119.4 179.0

98 57.6 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024968.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU024968.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU024968.D (-652) (-)

2.97

3000

2500

2000

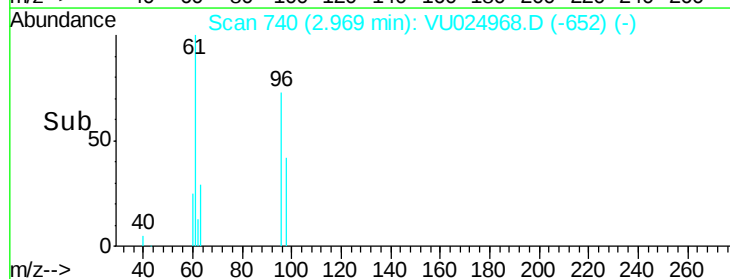
1500

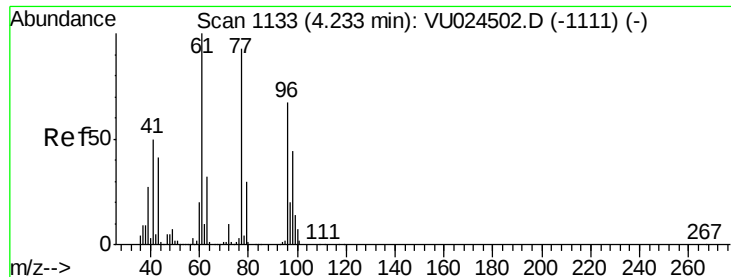
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 6.69 ug/l

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU024968.D

Acq: 27 Jun 2018 15:51

Instrument :

MSVOA_U

ClientSampleId :

WP021SB476-33-35-180619ME

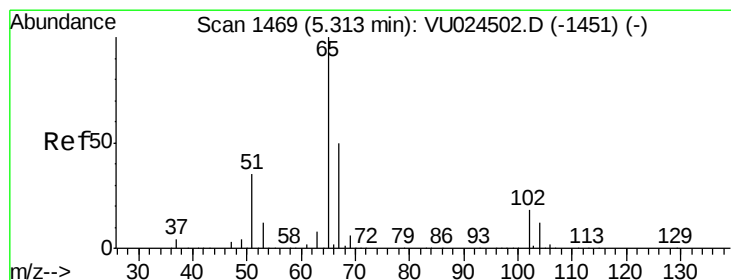
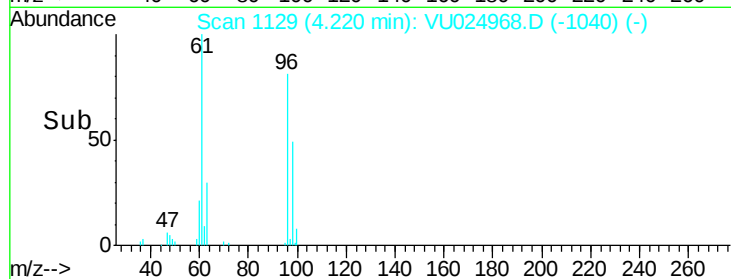
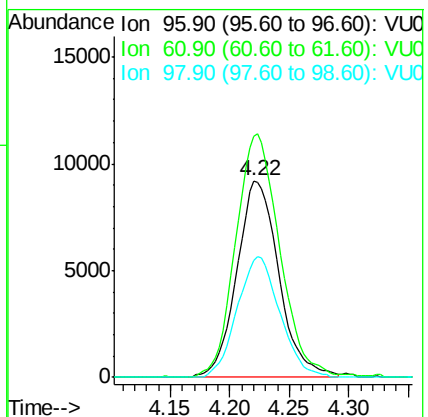
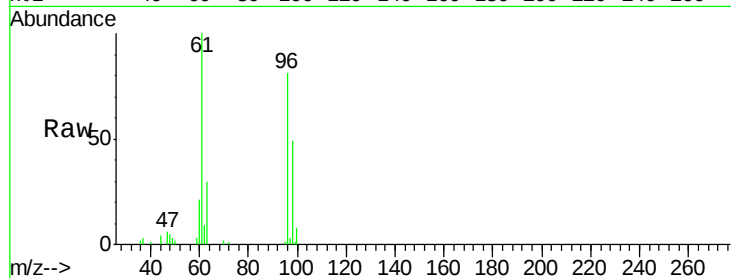
Tot Ion: 96 Resp: 22550

Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	306.6
98	62.4	0.0	128.8

96 100

61 129.2 0.0 306.6

98 62.4 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 45.90 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU024968.D

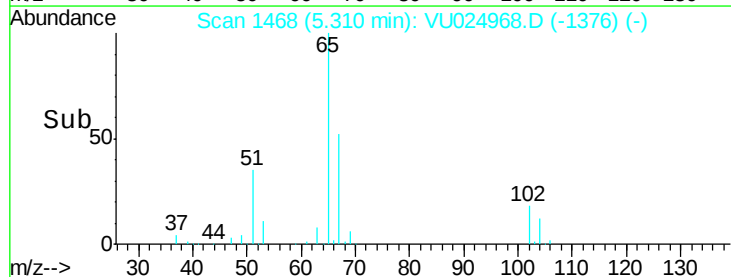
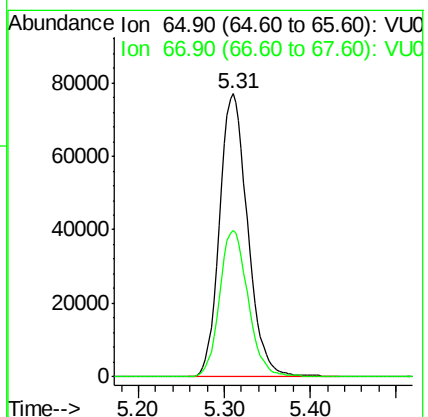
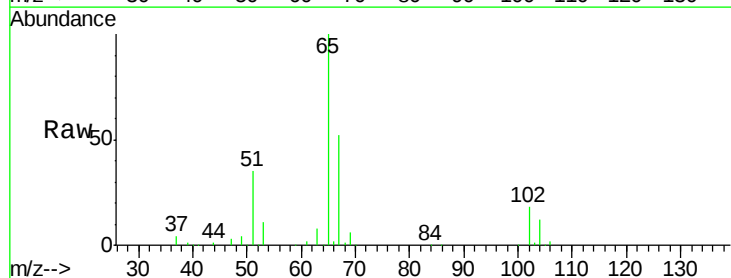
Acq: 27 Jun 2018 15:51

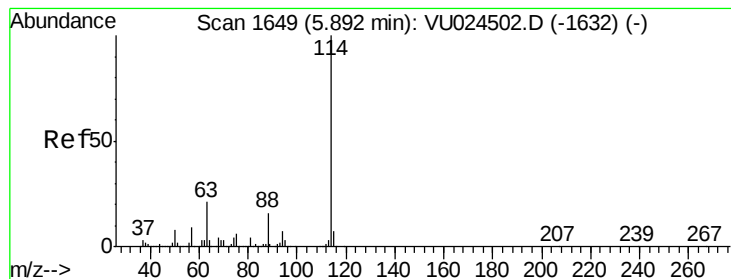
Tgt Ion: 65 Resp: 175268

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	107.0

65 100

67 52.1 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.01 min

Lab File: VU024968.D

Acq: 27 Jun 2018 15:51

Instrument :

MSVOA_U

ClientSampleId :

WP021SB476-33-35-180619ME

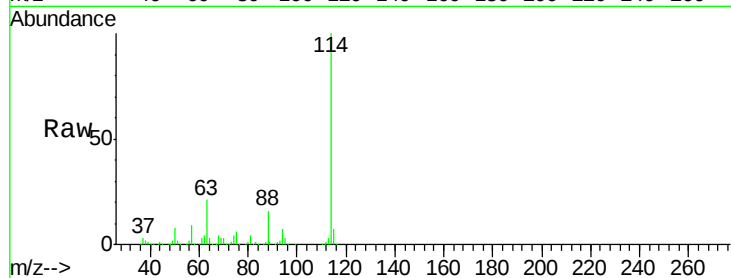
Tot Ion:114 Resp: 351442

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.4

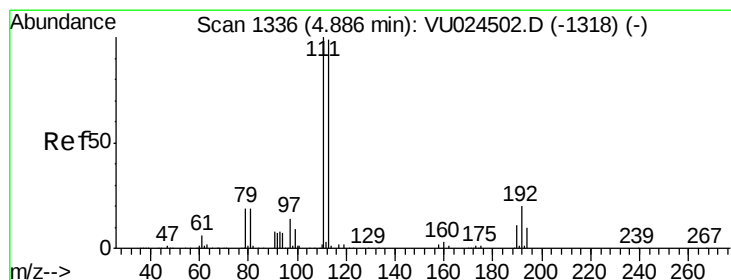
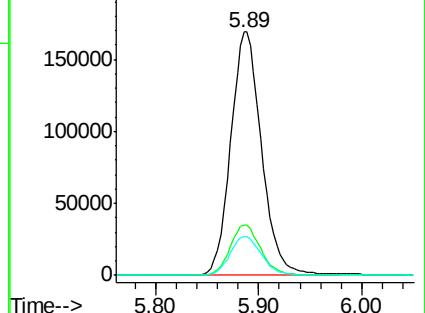
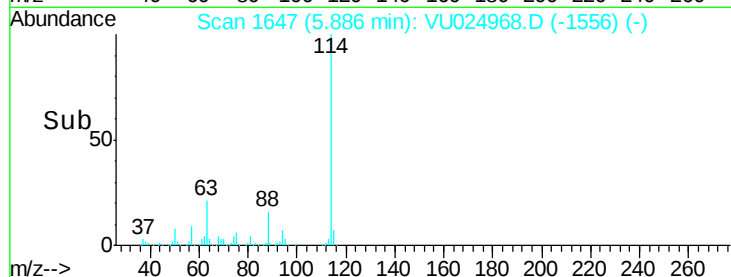
88 16.2 0.0 31.0



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: 46.69 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024968.D

Acq: 27 Jun 2018 15:51

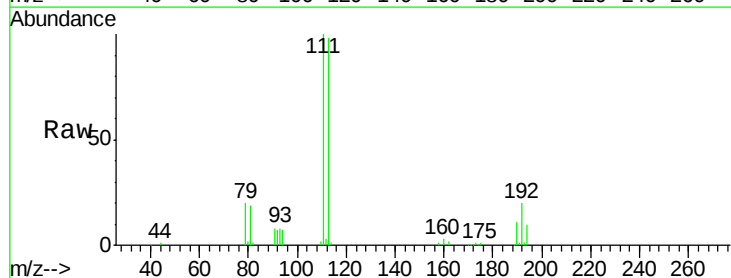
Tgt Ion:113 Resp: 136171

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

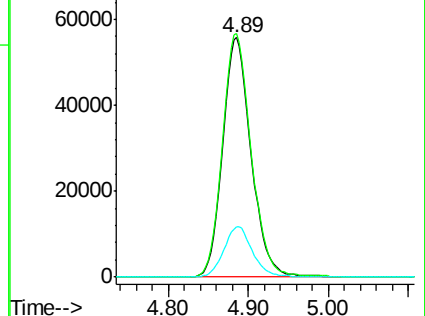
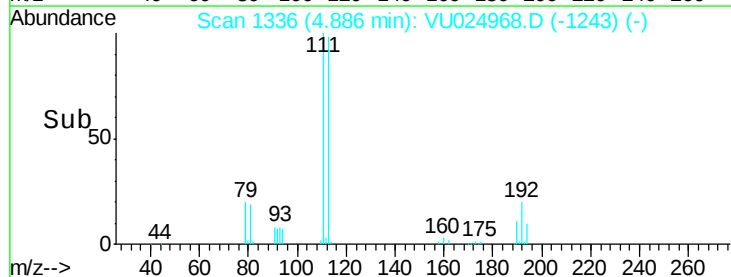
192 21.0 16.2 24.4



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: 48.21 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024968.D

Acq: 27 Jun 2018 15:51

Instrument :

MSVOA_U

ClientSampleId :

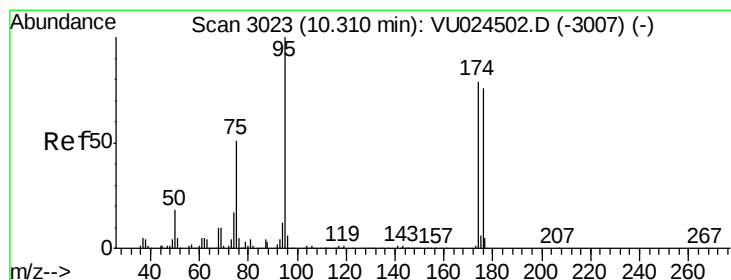
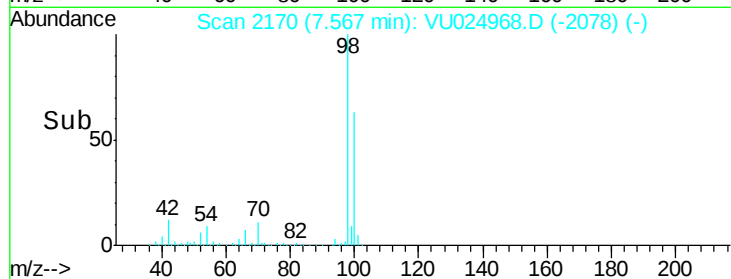
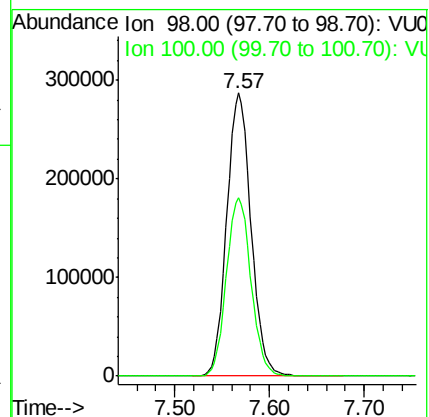
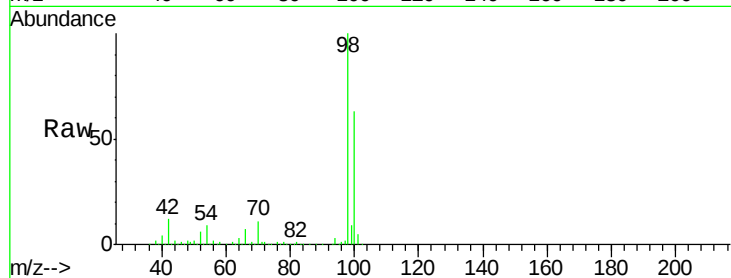
WP021SB476-33-35-180619ME

Tot Ion: 98 Resp: 512858

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 49.08 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU024968.D

Acq: 27 Jun 2018 15:51

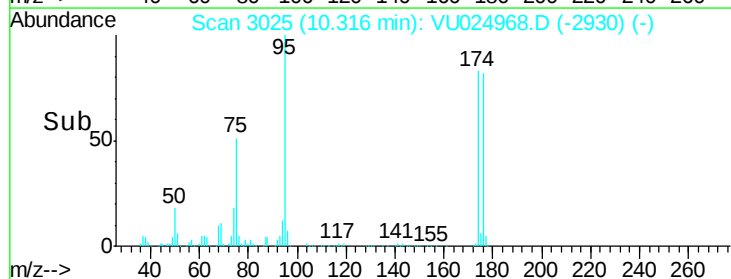
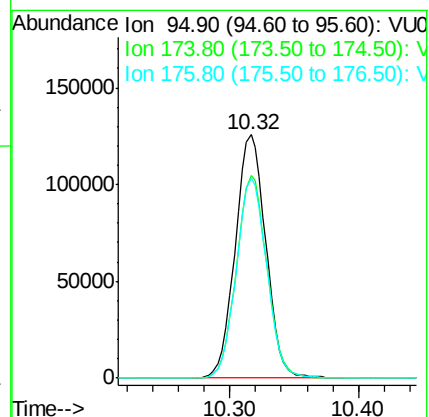
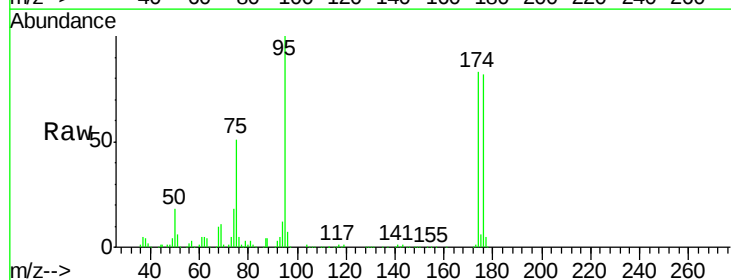
Tgt Ion: 95 Resp: 207328

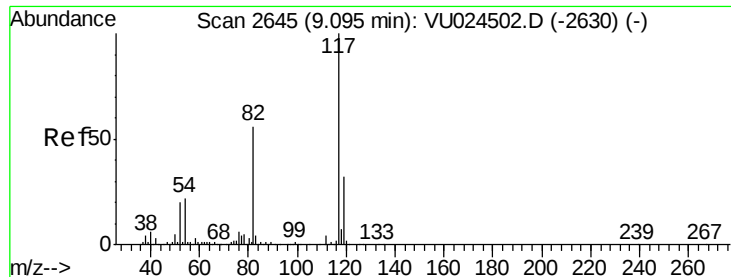
Ion Ratio Lower Upper

95 100

174 82.8 0.0 165.8

176 81.9 0.0 159.4

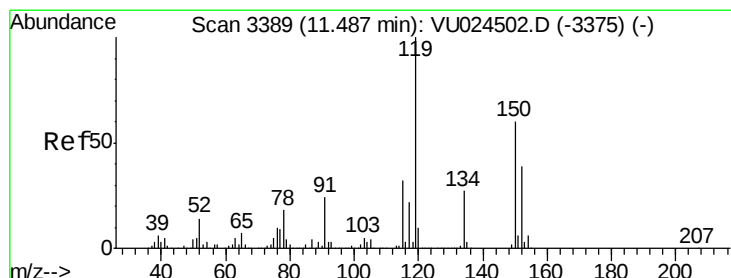
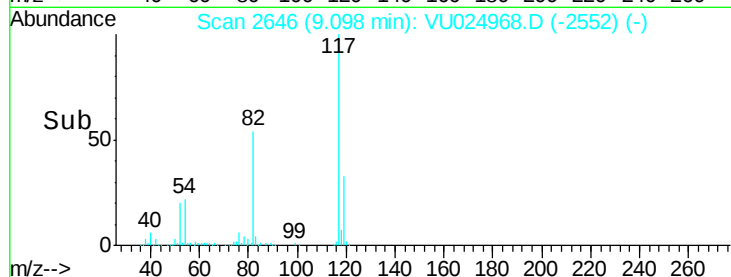
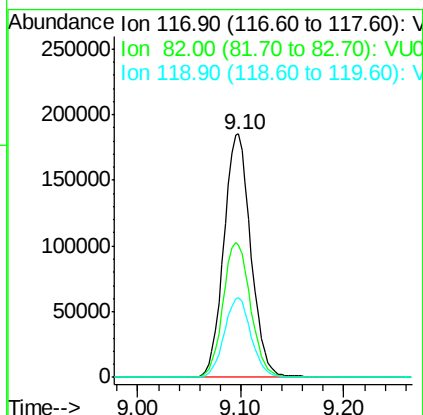
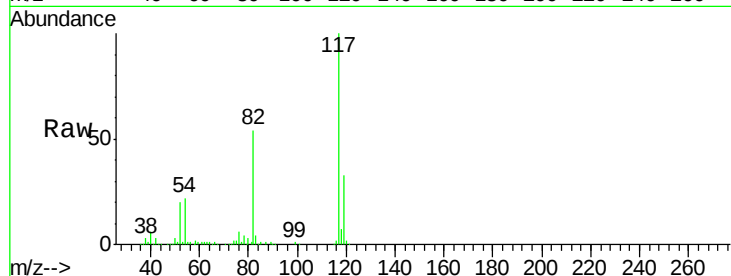




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU024968.D
Acq: 27 Jun 2018 15:51

Instrument :
MSVOA_U
ClientSampleId :
WP021SB476-33-35-180619ME

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.3	66.5
119	32.8	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU024968.D
Acq: 27 Jun 2018 15:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	43.0	129.0
150	154.9	0.0	354.0

