

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024969.D
 Acq On : 27 Jun 2018 16:15
 Operator : MD/SY
 Sample : J3664-12ME
 Misc : 5.61g/5.0mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0476-180619ME

Quant Time: Jun 28 04:15:20 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	242634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	368448	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	350756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	194293	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	182134	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	
35) Dibromofluoromethane	4.89	113	139592	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	
50) Toluene-d8	7.57	98	531134	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	10.32	95	207630	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	

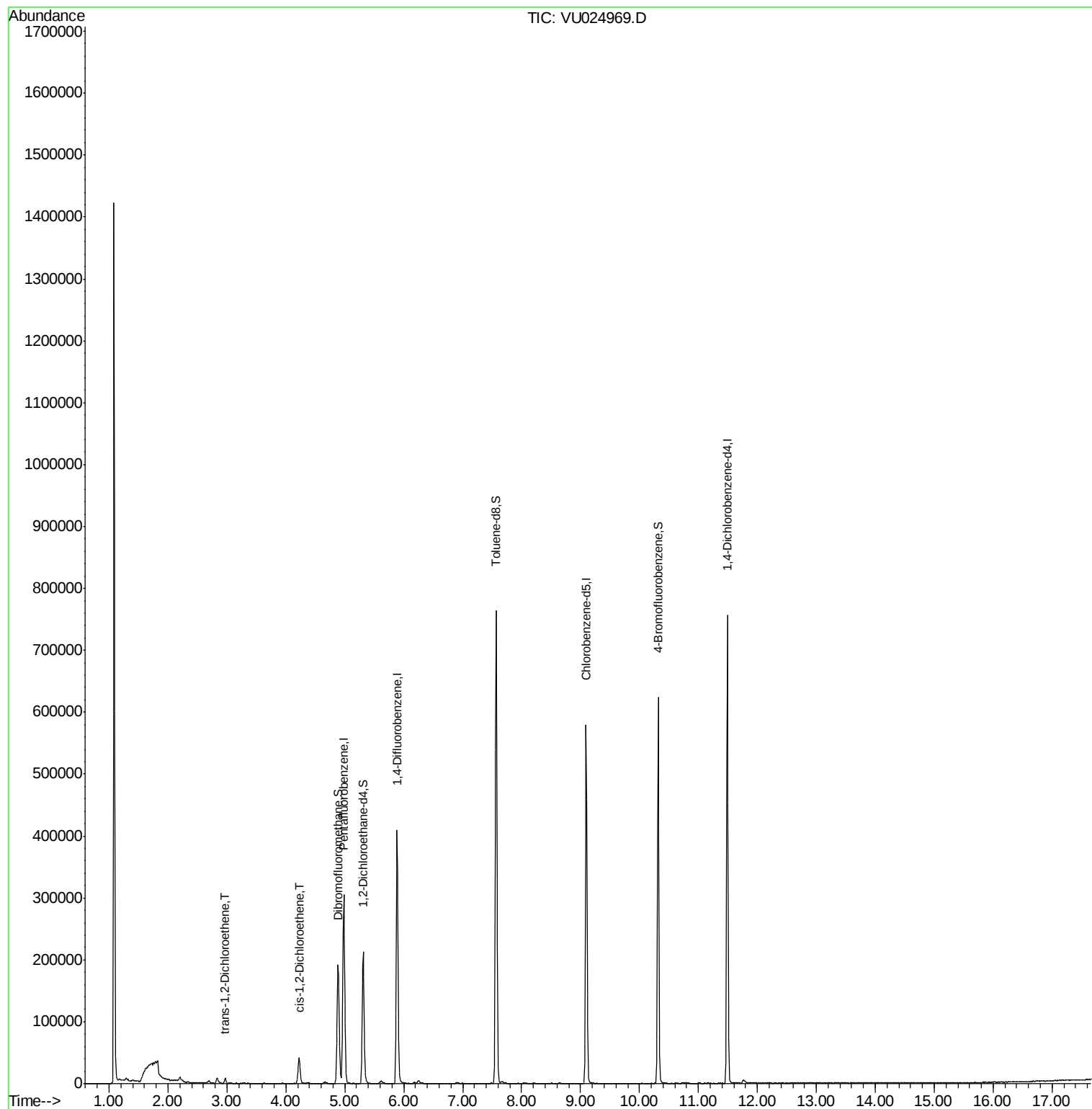
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
21) trans-1,2-Dichloroethene	2.97	96	3273	1.08	ug/l	92
27) cis-1,2-Dichloroethene	4.22	96	25194	7.20	ug/l	85

(#) = 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

Lab File: VU024969.D

Acq: 27 Jun 2018 16:15

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MSVOA_U

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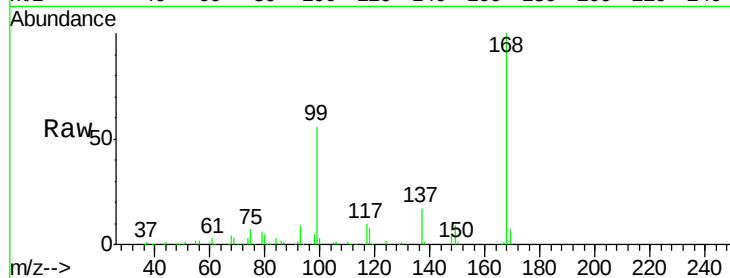
DUP-0476-180619ME

Tot Ion:168 Resp: 242634

Ion Ratio Lower Upper

168 100

99 55.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.98

120000

100000

80000

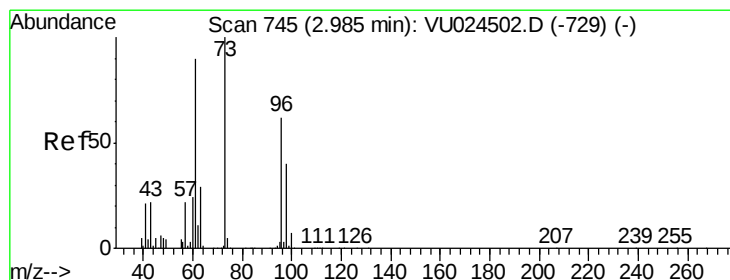
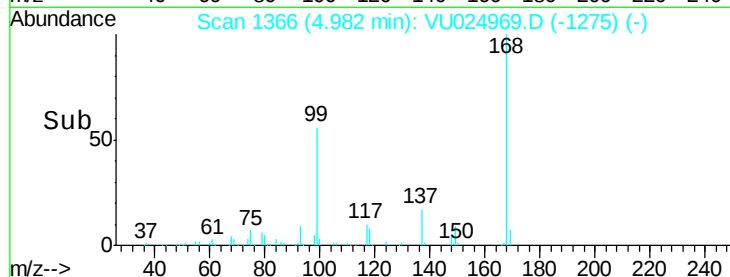
60000

40000

20000

0

Time-->



#21

trans-1,2-Dichloroethene

Concen: 1.08 ug/l

RT: 2.97 min Scan# 740

Delta R.T. -0.02 min

Lab File: VU024969.D

Acq: 27 Jun 2018 16:15

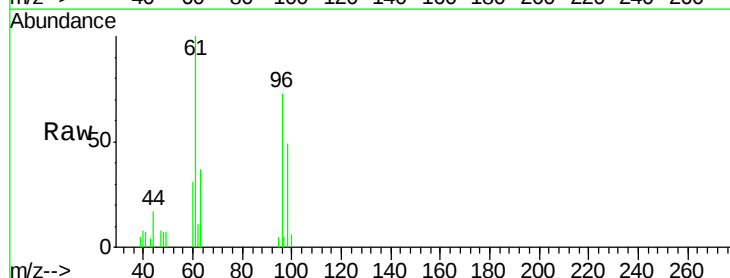
Tgt Ion: 96 Resp: 3273

Ion Ratio Lower Upper

96 100

61 137.1 119.4 179.0

98 67.1 51.1 76.7



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

3000

2500

2000

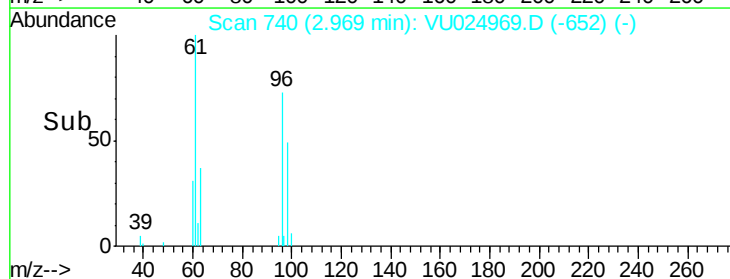
1500

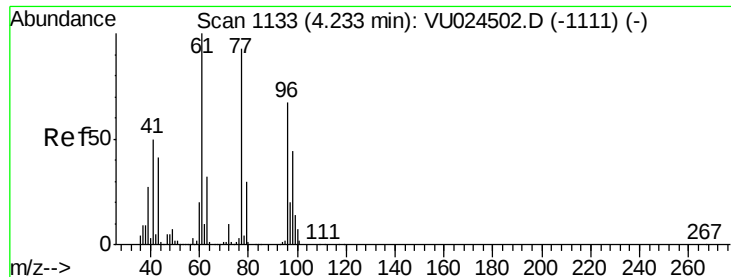
1000

500

0

Time-->

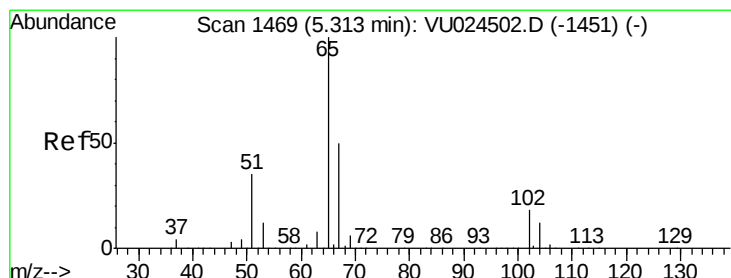
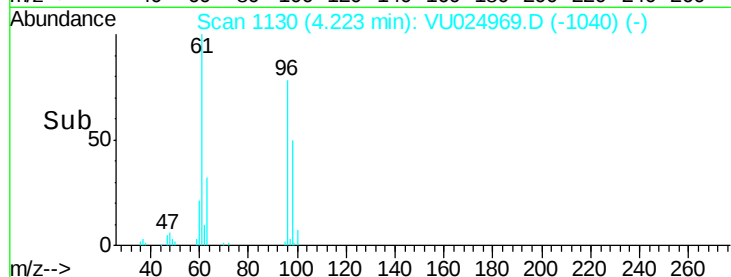
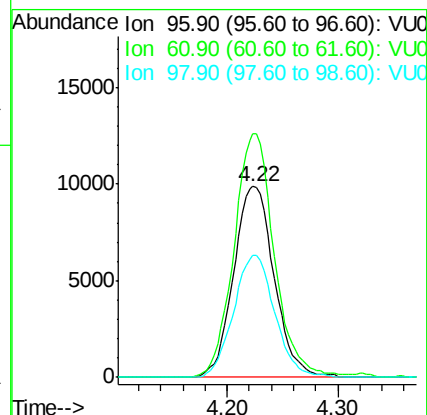
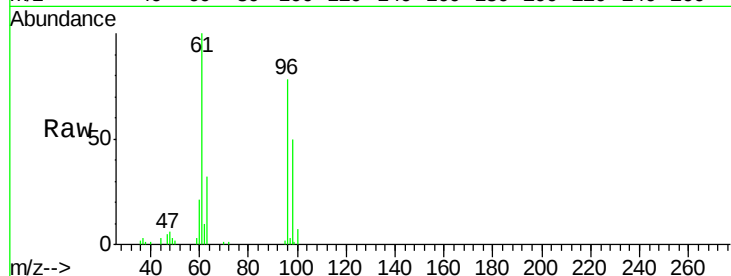




#27
 cis-1,2-Dichloroethene
 Concen: 7.20 ug/l
 RT: 4.22 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: VU024969.D
 Acq: 27 Jun 2018 16:15

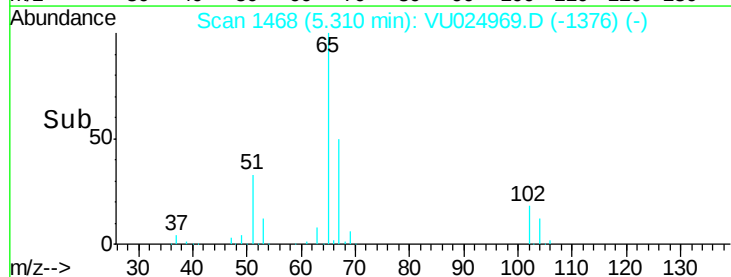
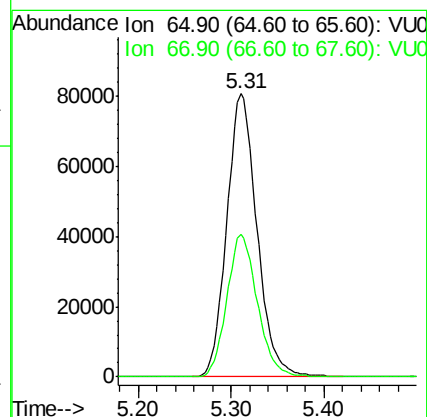
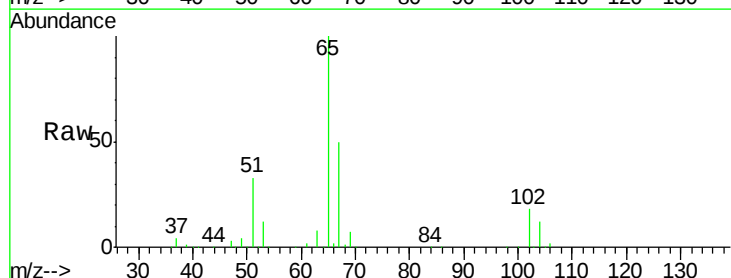
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0476-180619ME

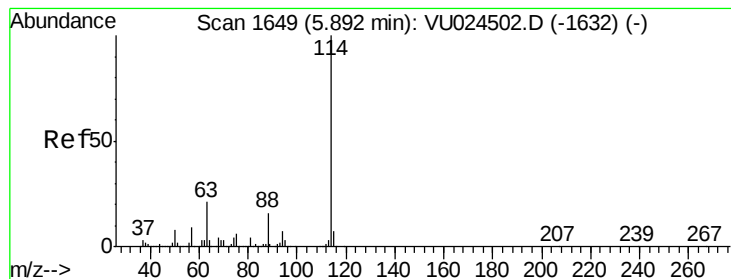
Tot Ion: 96 Resp: 25194
 Ion Ratio Lower Upper
 96 100
 61 126.8 0.0 306.6
 98 64.7 0.0 128.8



#33
 1,2-Dichloroethane-d4
 Concen: 45.98 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU024969.D
 Acq: 27 Jun 2018 16:15

Tgt Ion: 65 Resp: 182134
 Ion Ratio Lower Upper
 65 100
 67 50.8 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: VU024969.D

Acq: 27 Jun 2018 16:15

Instrument :

MSVOA_U

ClientSampleId :

DUP-0476-180619ME

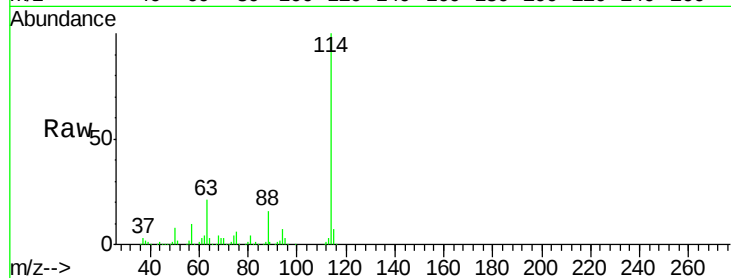
Tot Ion:114 Resp: 368448

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.4

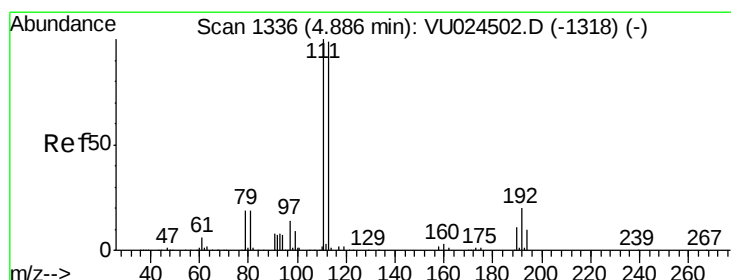
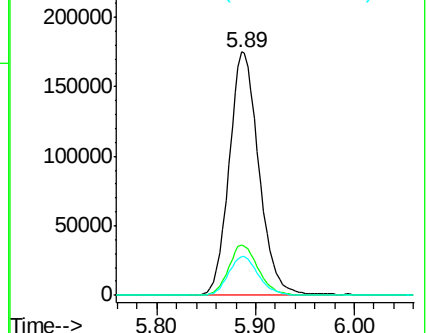
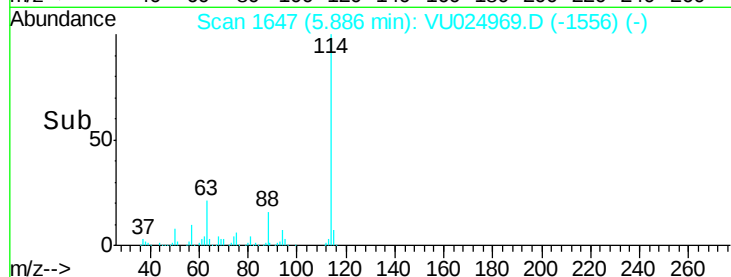
88 15.8 0.0 31.0



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: 45.65 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024969.D

Acq: 27 Jun 2018 16:15

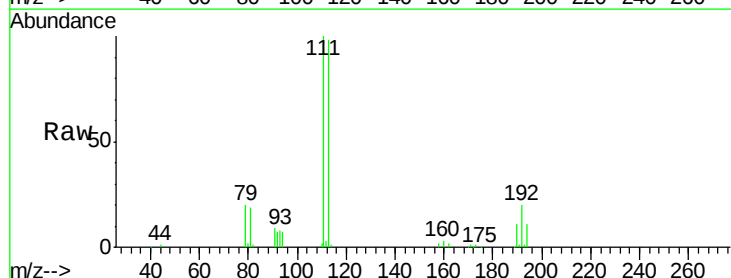
Tgt Ion:113 Resp: 139592

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

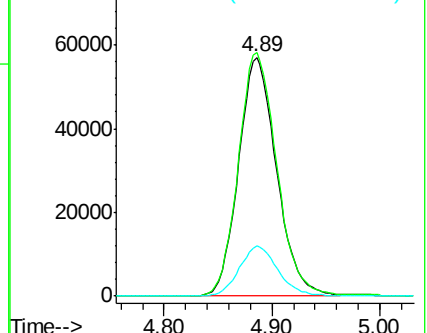
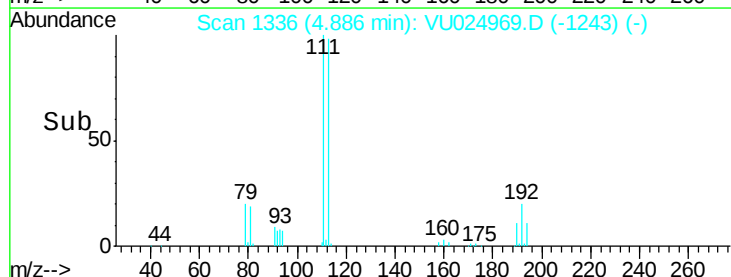
192 21.4 16.2 24.4



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

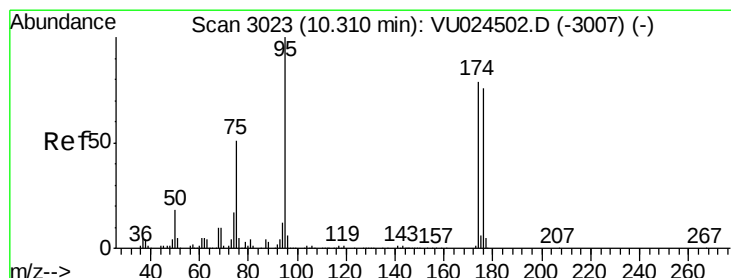
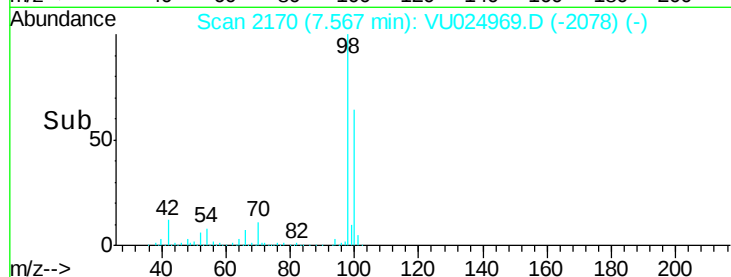
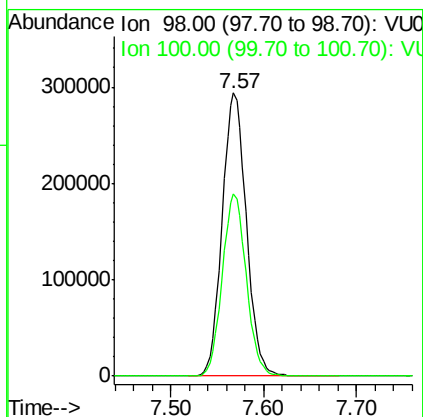
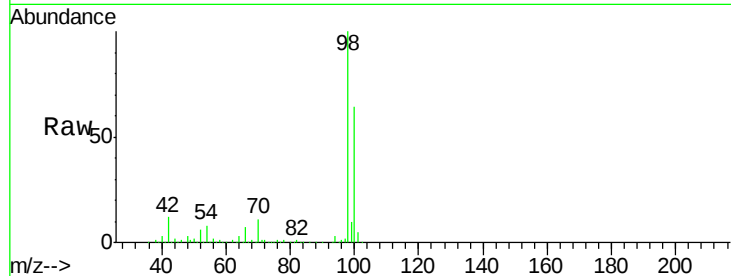




#50
Toluene-d8
Concen: 47.62 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024969.D
Acq: 27 Jun 2018 16:15

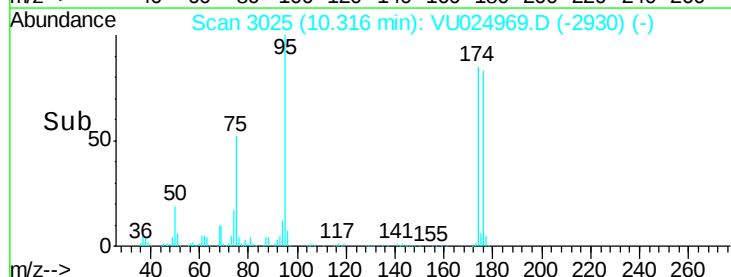
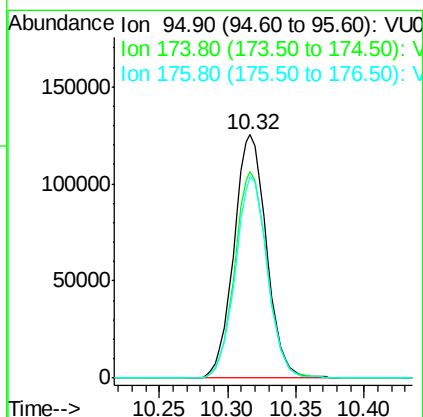
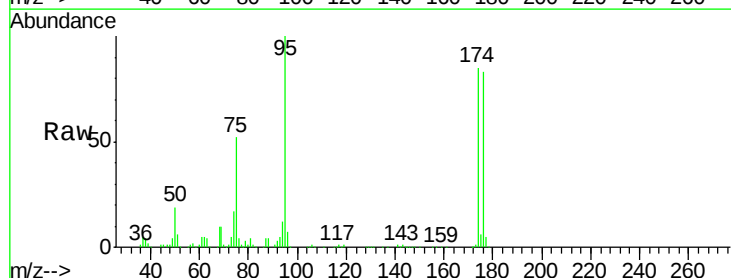
Instrument :
MSVOA_U
ClientSampleId :
DUP-0476-180619ME

Tot Ion: 98 Resp: 531134
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 46.89 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU024969.D
Acq: 27 Jun 2018 16:15

Tgt Ion: 95 Resp: 207630
Ion Ratio Lower Upper
95 100
174 84.5 0.0 165.8
176 81.8 0.0 159.4

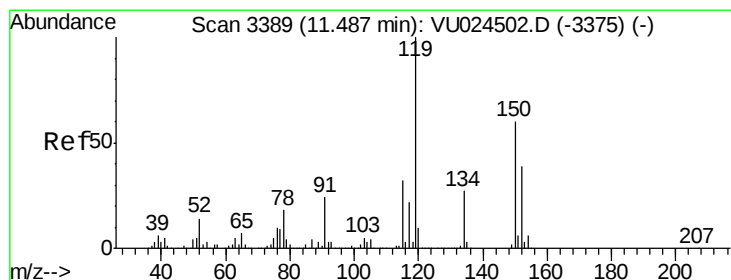
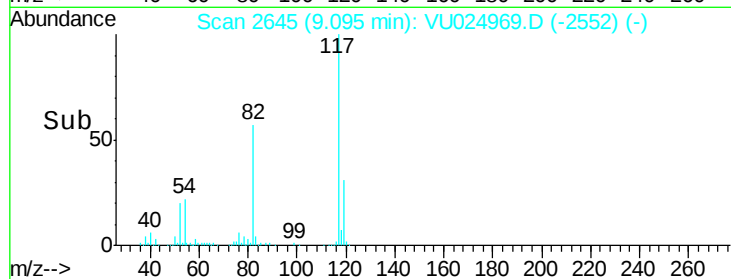
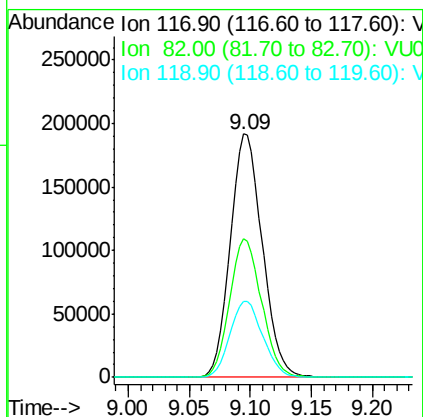
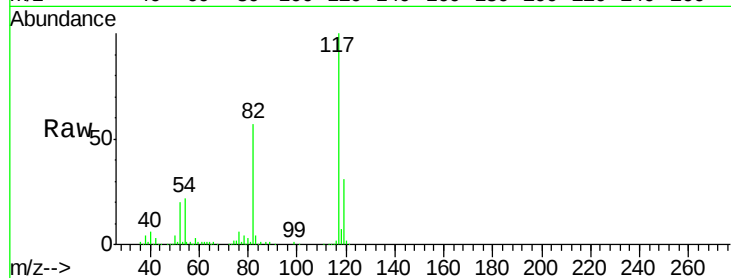




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024969.D
Acq: 27 Jun 2018 16:15

Instrument :
MSVOA_U
ClientSampleId :
DUP-0476-180619ME

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.3	66.5
119	31.3	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: VU024969.D
Acq: 27 Jun 2018 16:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	43.0	129.0
150	159.0	0.0	354.0

