

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004822.D
 Acq On : 21 Aug 2018 06:17
 Operator : SY/AP
 Sample : J4521-19RE
 Misc : 5.25G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11967RE

Quant Time: Aug 21 08:09:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

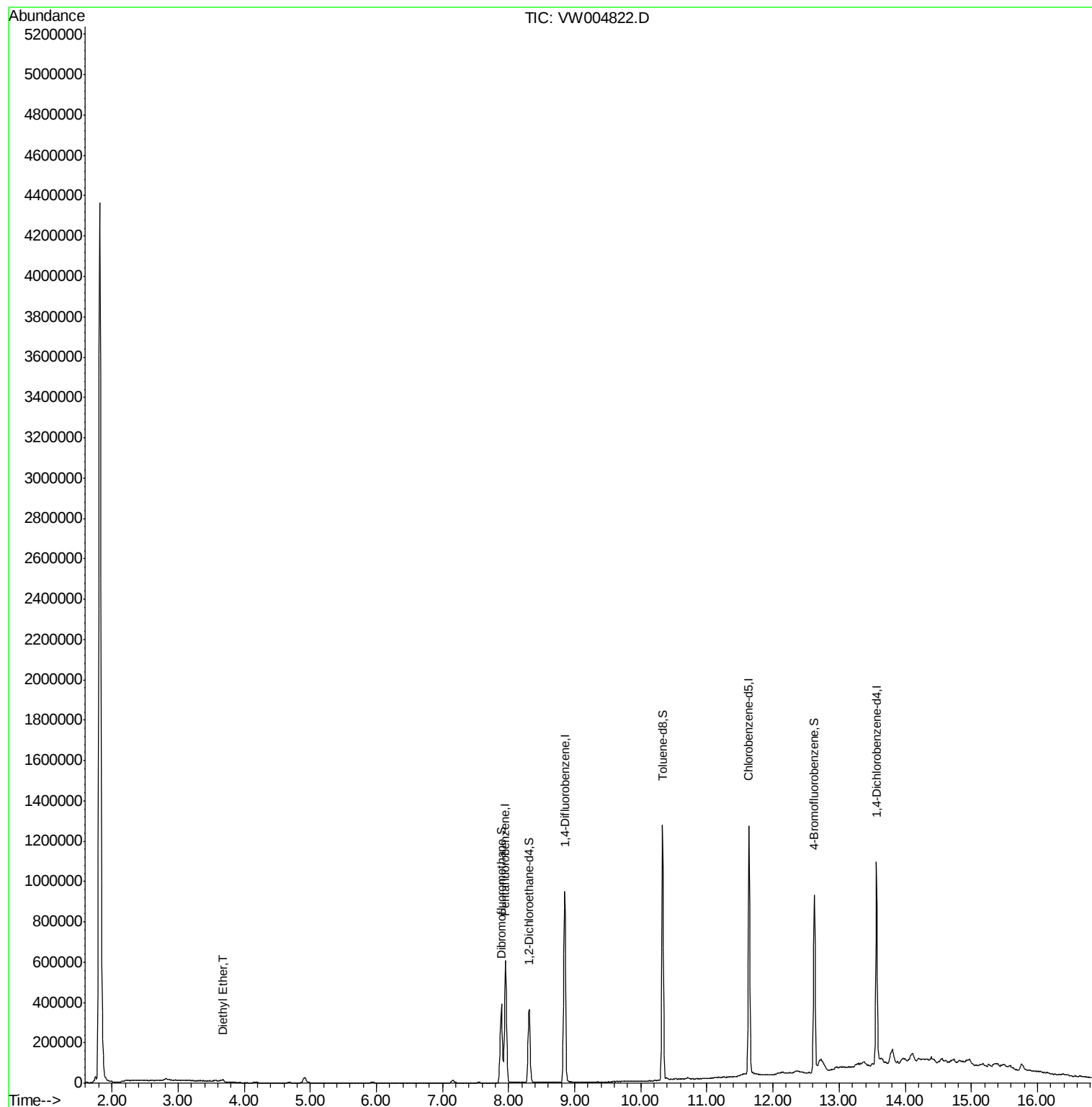
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	468025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	810570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	720236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	275487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	292514	64.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.30%	
35) Dibromofluoromethane	7.89	113	284275	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
50) Toluene-d8	10.33	98	847375	41.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.80%	
62) 4-Bromofluorobenzene	12.62	95	303903	41.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.54%	
Target Compounds						
8) Diethyl Ether	3.68	74	6778	2.67	ug/l	Qvalue 96

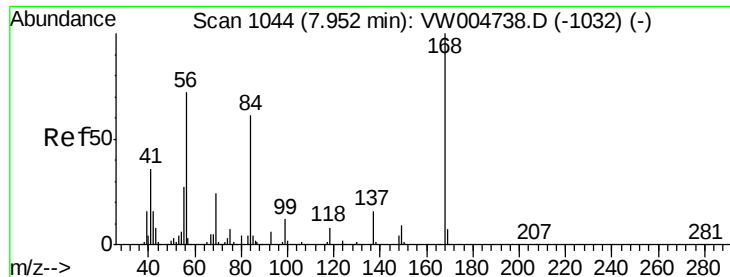
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

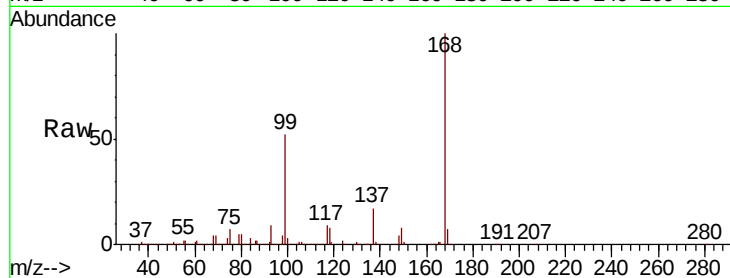
72-11967RE

Tot Ion:168 Resp: 468025

Ion Ratio Lower Upper

168 100

99 52.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

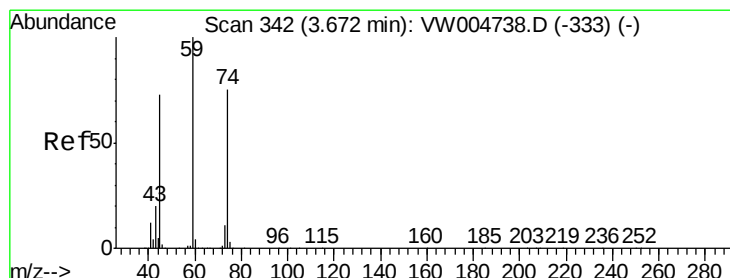
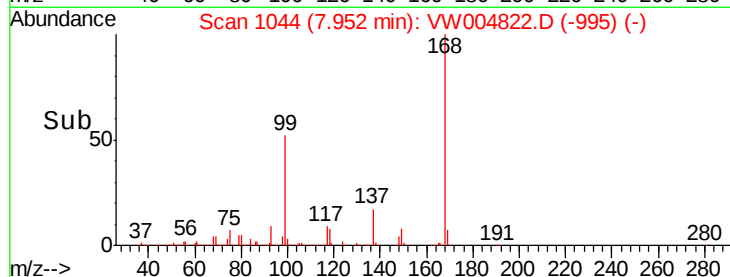
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.67 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.01 min

Lab File: VW004822.D

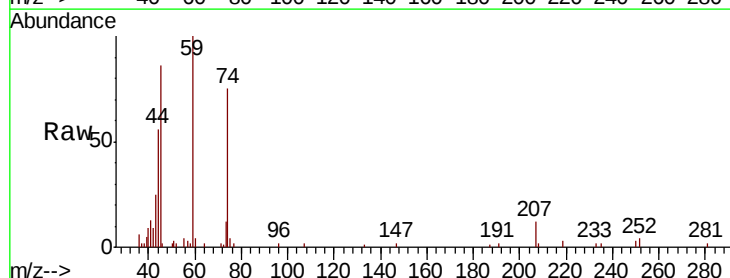
Acq: 21 Aug 2018 06:17

Tgt Ion: 74 Resp: 6778

Ion Ratio Lower Upper

74 100

45 103.9 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

3000

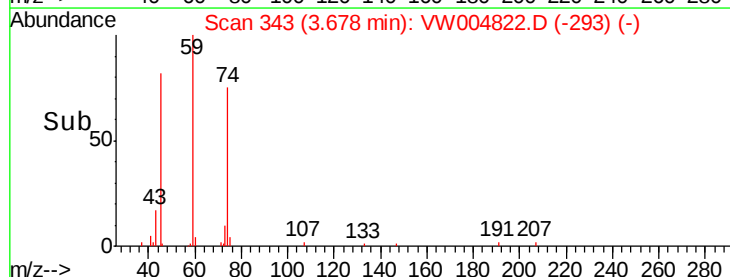
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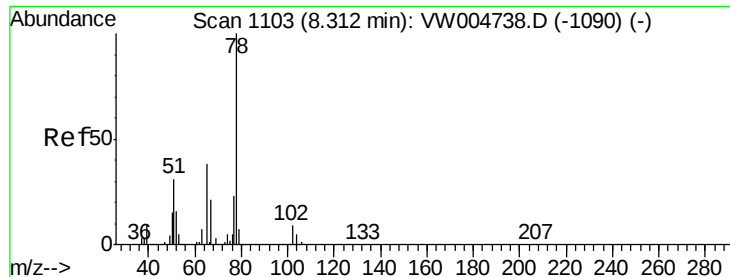
1000

0

Time-->

3.60 3.65 3.70 3.75

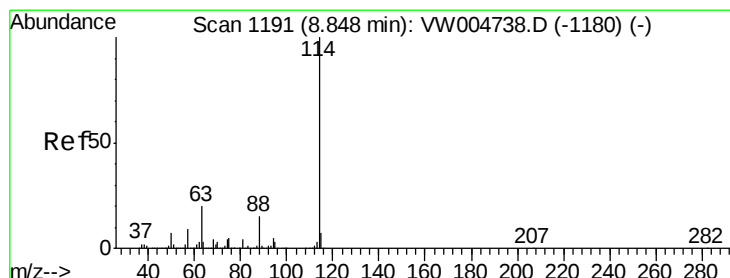
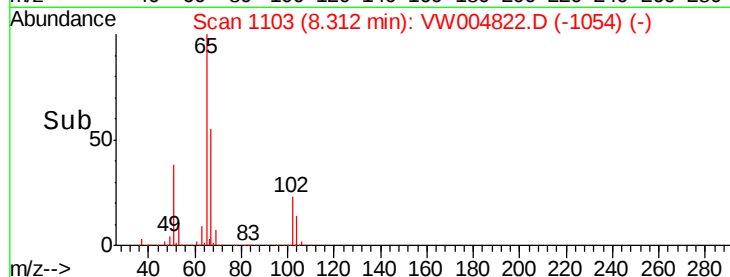
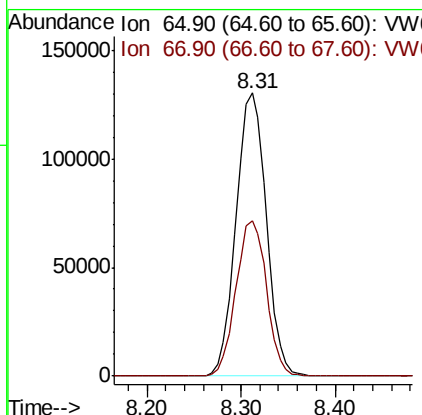
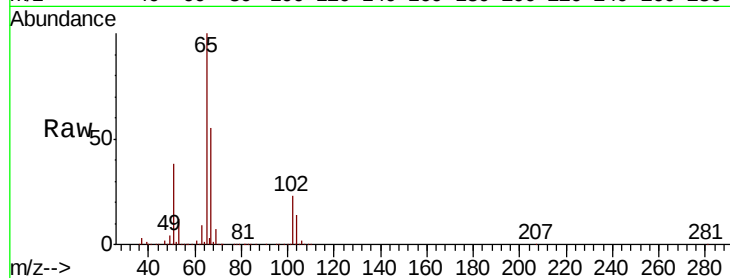




#33
 1,2-Dichloroethane-d4
 Concen: 64.65 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004822.D
 Acq: 21 Aug 2018 06:17

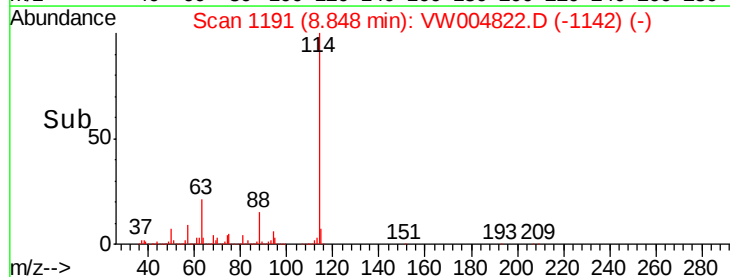
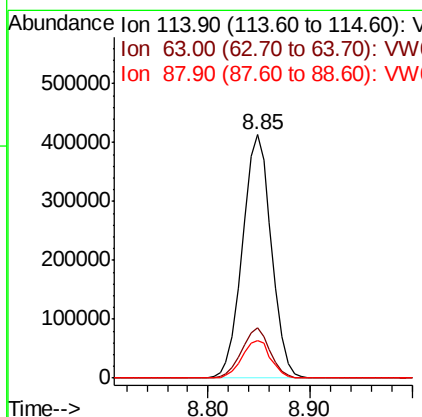
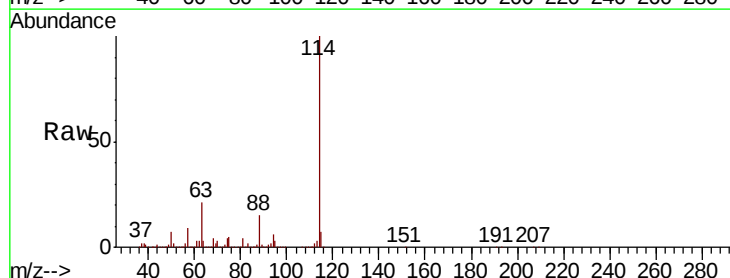
Instrument :
 MSVOA_W
 ClientSampled :
 72-11967RE

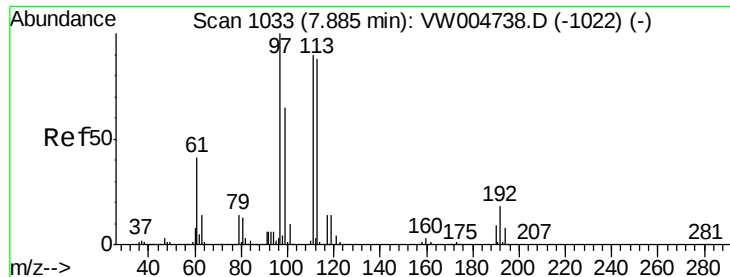
Tot Ion: 65 Resp: 292514
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004822.D
 Acq: 21 Aug 2018 06:17

Tgt Ion: 114 Resp: 810570
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.0
 88 15.3 0.0 30.0

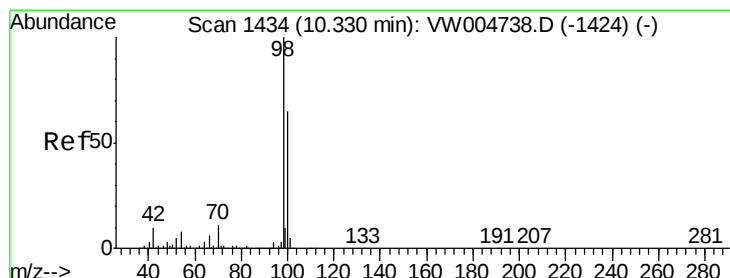
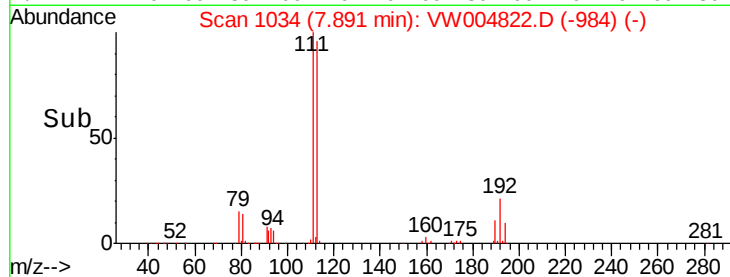
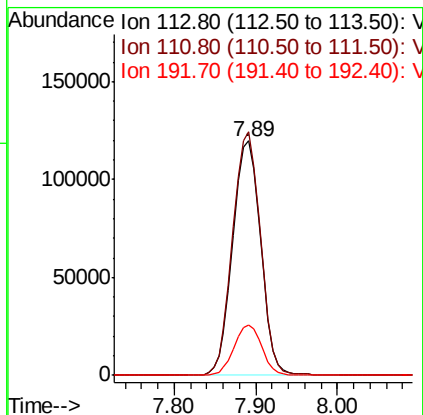
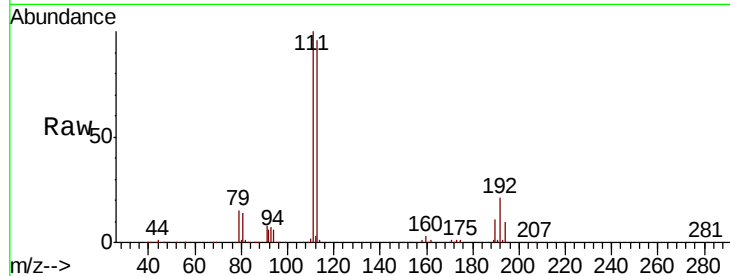




#35
 Dibromofluoromethane
 Concen: 54.87 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004822.D
 Acq: 21 Aug 2018 06:17

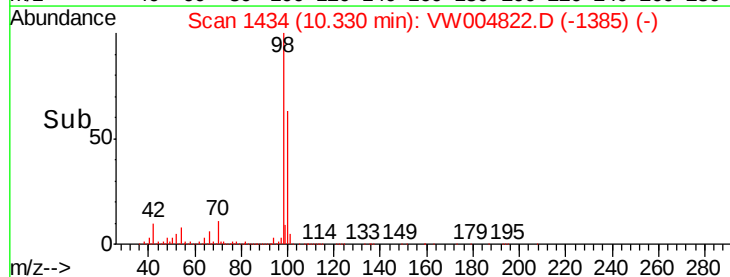
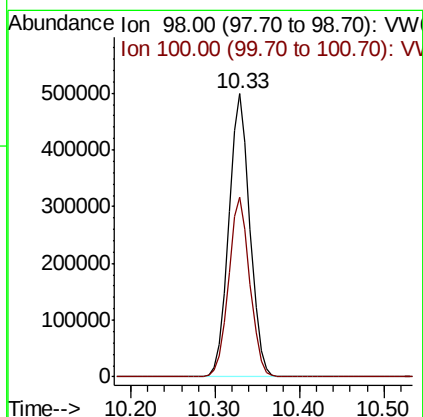
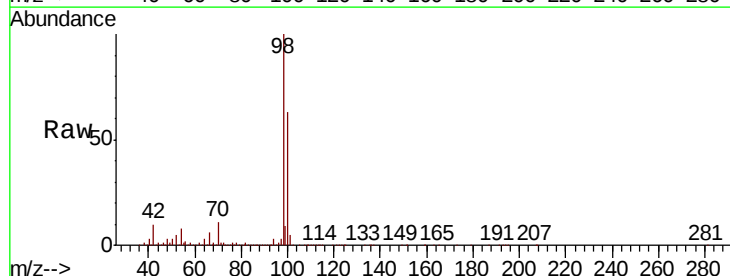
Instrument :
 MSVOA_W
 ClientSampleId :
 72-11967RE

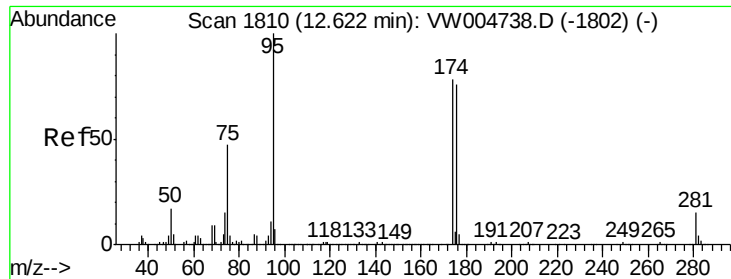
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	21.3	16.7	25.1



#50
 Toluene-d8
 Concen: 41.90 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004822.D
 Acq: 21 Aug 2018 06:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.8	77.8

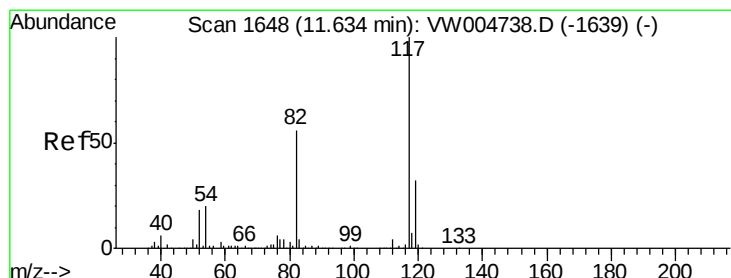
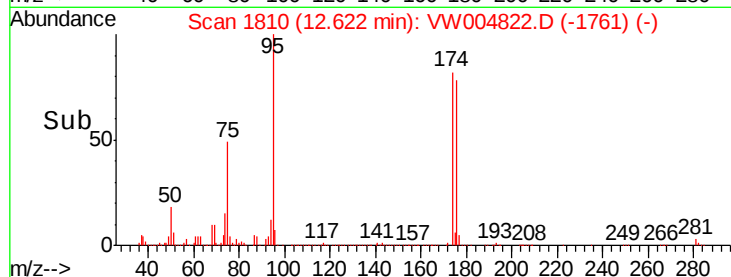
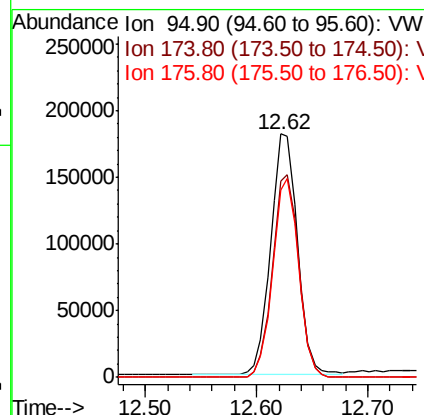
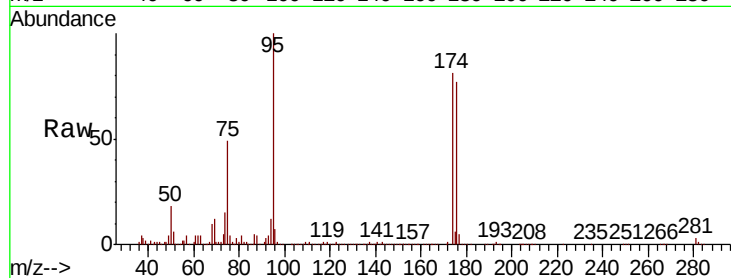




#62
4-Bromofluorobenzene
Concen: 41.77 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004822.D
Acq: 21 Aug 2018 06:17

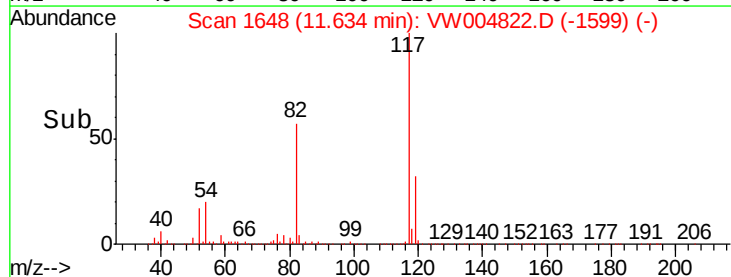
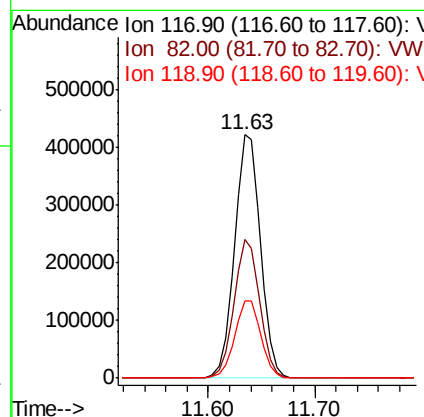
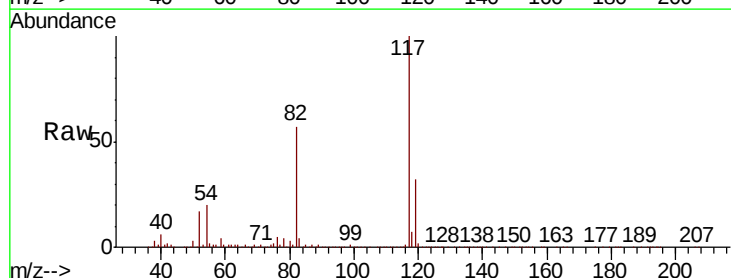
Instrument :
MSVOA_W
ClientSampleId :
72-11967RE

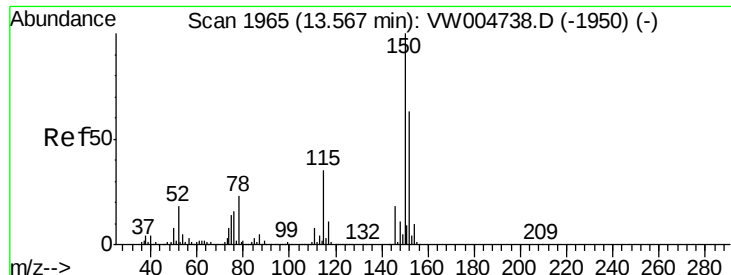
Tot Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	165.8
176	79.7	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004822.D
Acq: 21 Aug 2018 06:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	67.0
119	31.8	25.6	38.4

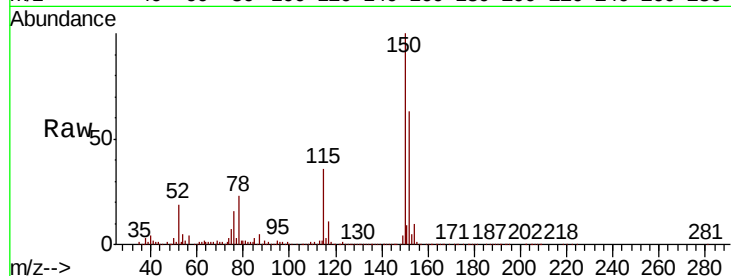




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW004822.D
 Acq: 21 Aug 2018 06:17

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11967RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.5	85.5
150	155.6	0.0	344.8



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

