

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005465.D
 Acq On : 18 Sep 2018 07:08
 Operator : SY/AP
 Sample : J4952-02RE
 Misc : 4.20G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 161-20RE

Quant Time: Sep 18 08:54:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	276560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	453494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	413621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	177648	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	129918	45.26	ug/l	0.00
Spiked Amount			Recovery	=	90.52%	
35) Dibromofluoromethane	7.89	113	107785	42.39	ug/l	0.00
Spiked Amount			Recovery	=	84.78%	
50) Toluene-d8	10.33	98	464395	39.88	ug/l	0.00
Spiked Amount			Recovery	=	79.76%	
62) 4-Bromofluorobenzene	12.62	95	159641	37.39	ug/l	0.00
Spiked Amount			Recovery	=	74.78%	

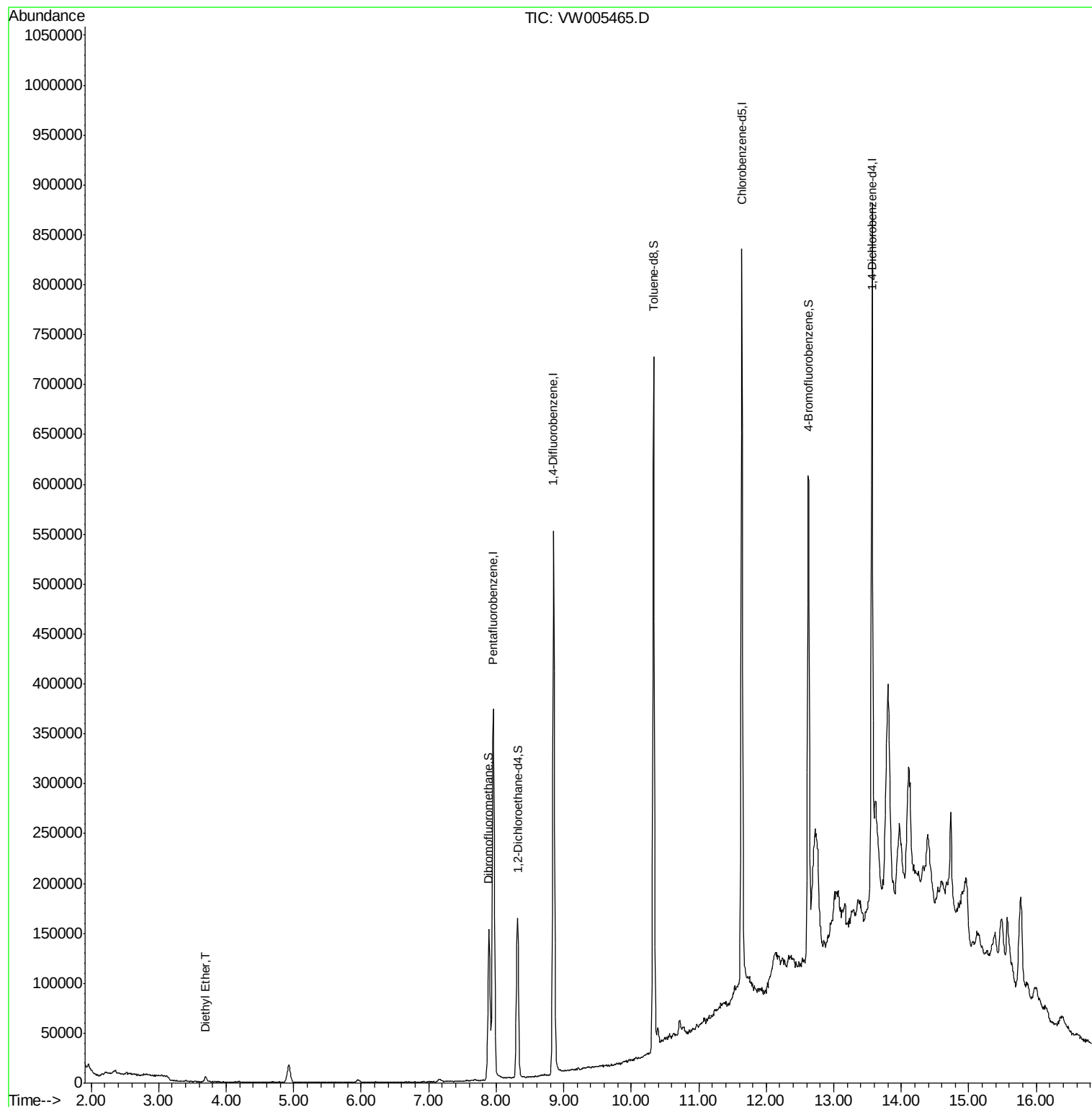
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	2510	2.08	ug/l	82

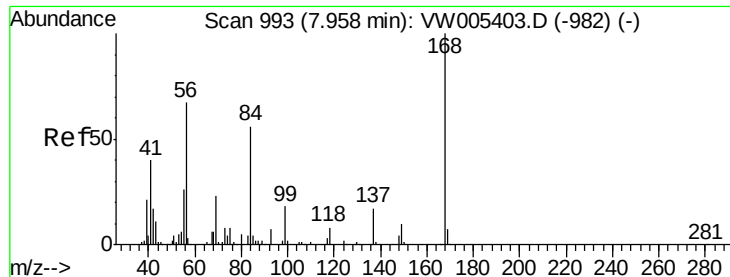
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005465.D

Acq: 18 Sep 2018 07:08

Instrument :

MSVOA_W

ClientSampleId :

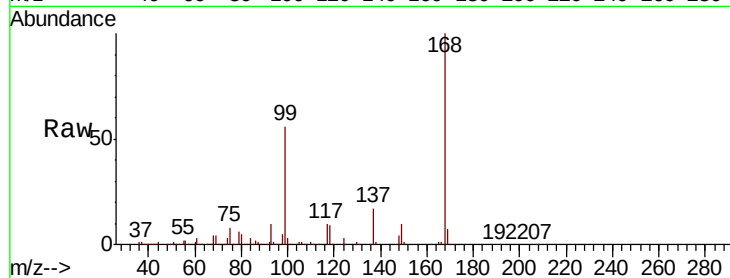
161-20RE

Tot Ion:168 Resp: 276560

Ion Ratio Lower Upper

168 100

99 55.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

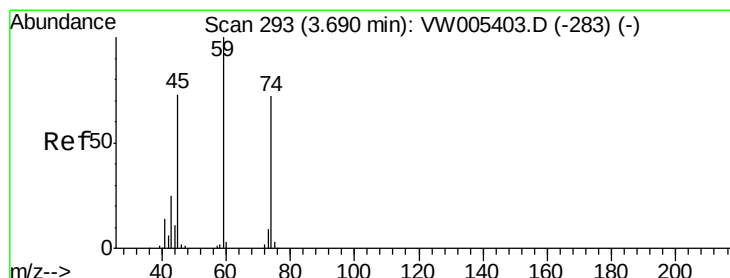
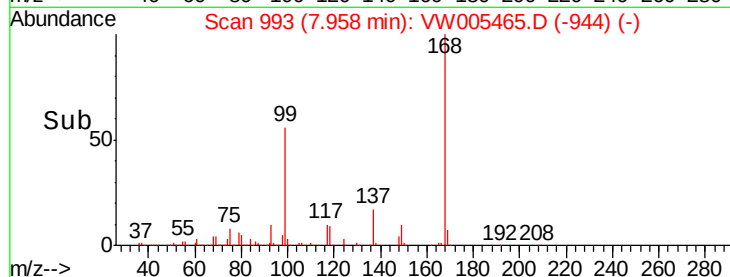
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.08 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.00 min

Lab File: VW005465.D

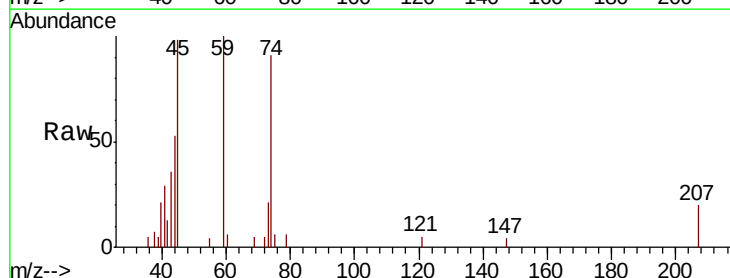
Acq: 18 Sep 2018 07:08

Tgt Ion: 74 Resp: 2510

Ion Ratio Lower Upper

74 100

45 124.5 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

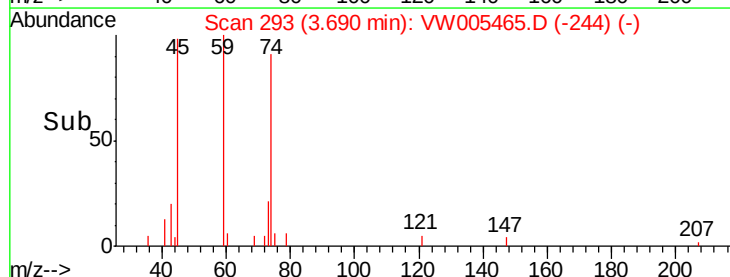
3.69

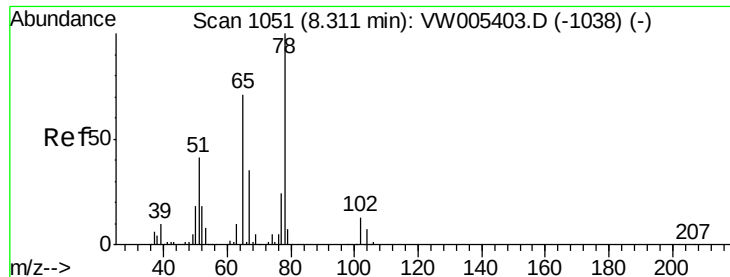
1000

500

0

Time-->

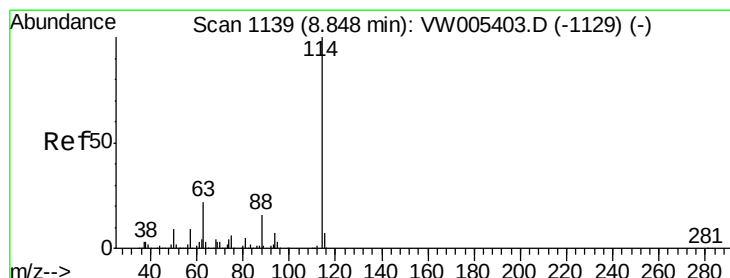
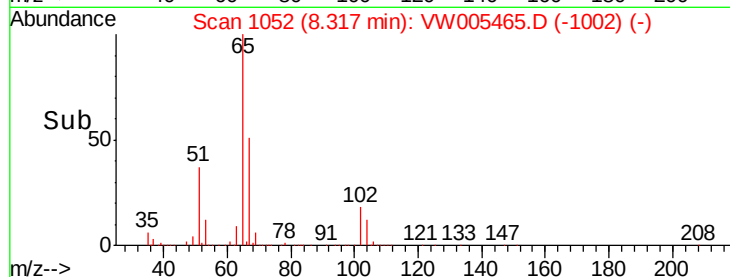
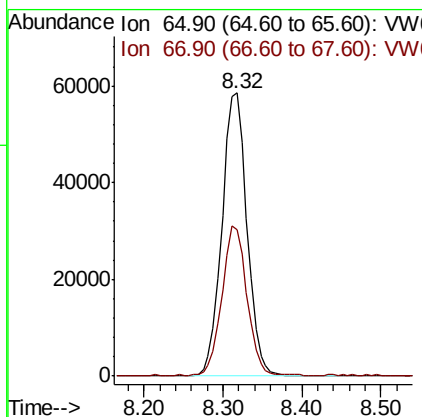
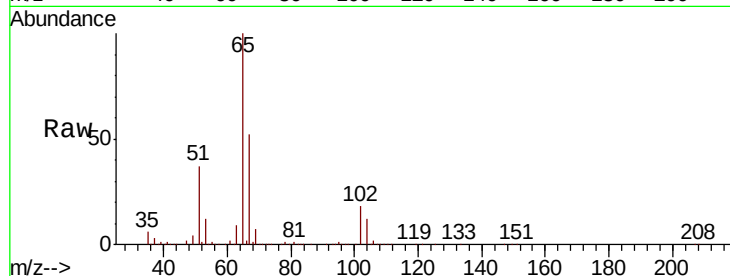




#33
 1,2-Dichloroethane-d4
 Concen: 45.26 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005465.D
 Acq: 18 Sep 2018 07:08

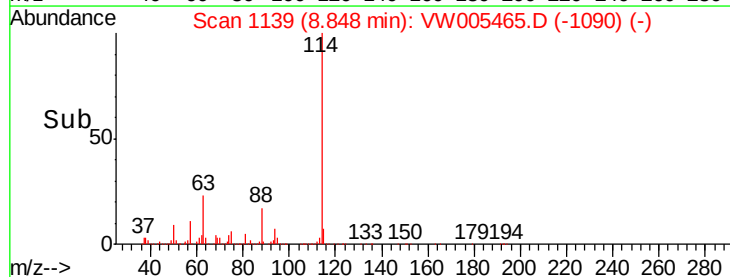
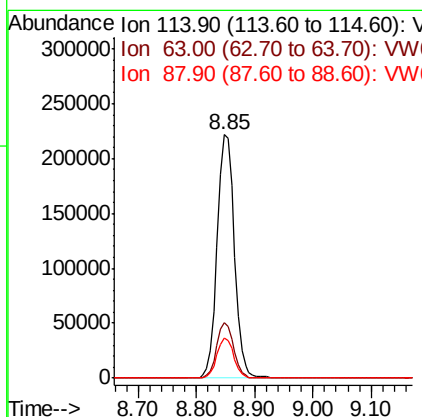
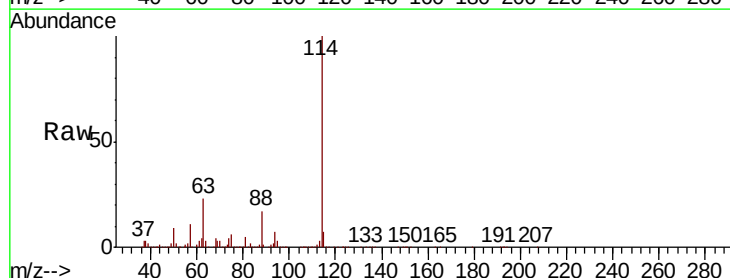
Instrument :
 MSVOA_W
 ClientSampleId :
 161-20RE

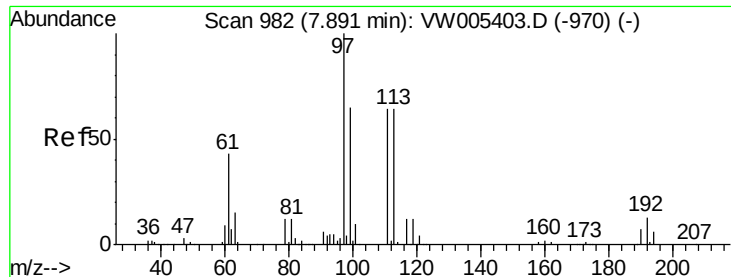
Tot Ion: 65 Resp: 129918
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005465.D
 Acq: 18 Sep 2018 07:08

Tgt Ion: 114 Resp: 453494
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.4
 88 16.5 0.0 31.8

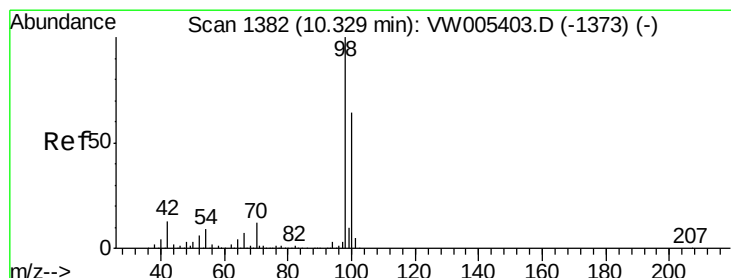
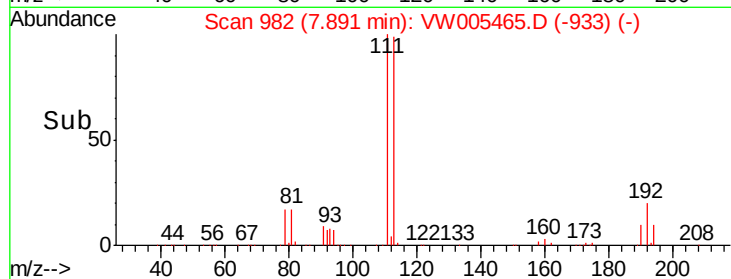
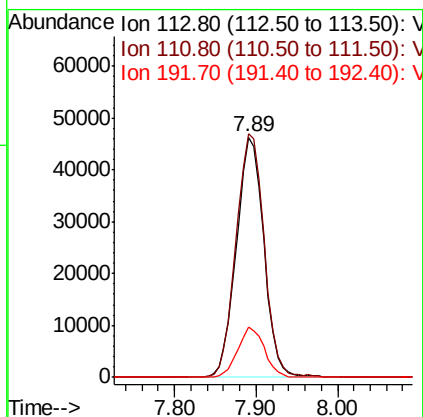
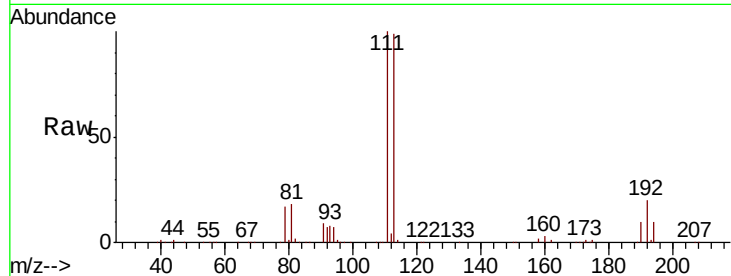




#35
 Dibromofluoromethane
 Concen: 42.39 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005465.D
 Acq: 18 Sep 2018 07:08

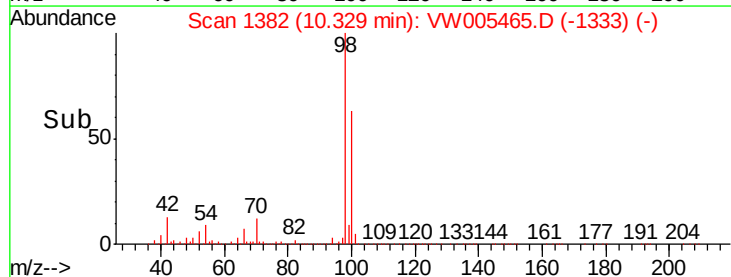
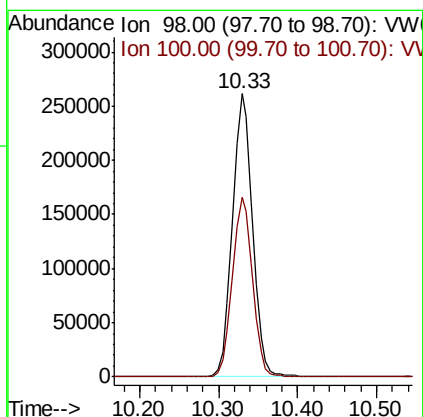
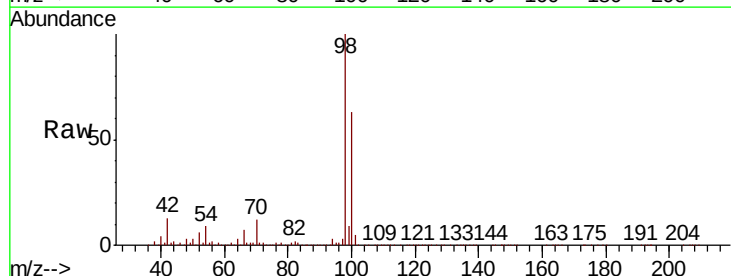
Instrument :
 MSVOA_W
 ClientSampleId :
 161-20RE

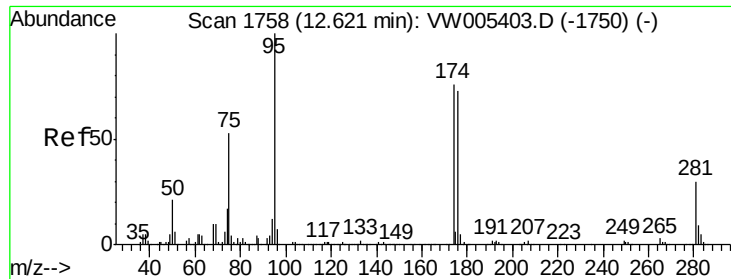
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.3	123.5
192	20.4	16.5	24.7



#50
 Toluene-d8
 Concen: 39.88 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005465.D
 Acq: 18 Sep 2018 07:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.4	77.0

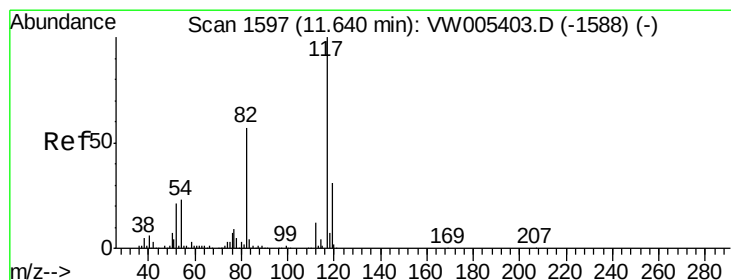
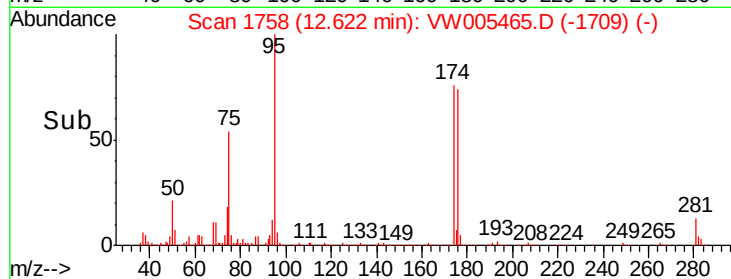
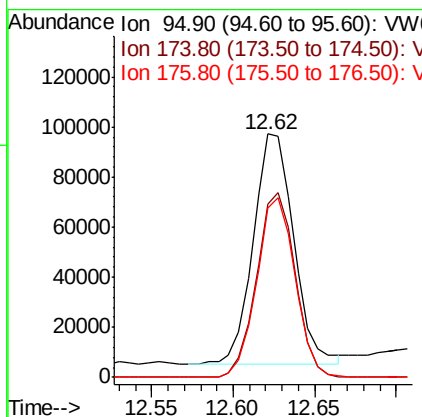
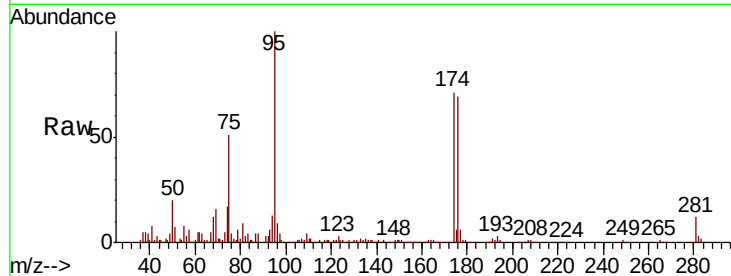




#62
4-Bromofluorobenzene
Concen: 37.39 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005465.D
Acq: 18 Sep 2018 07:08

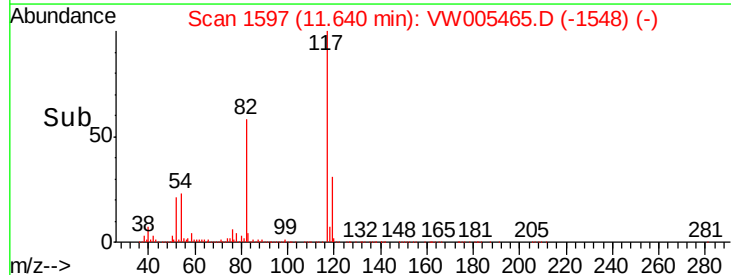
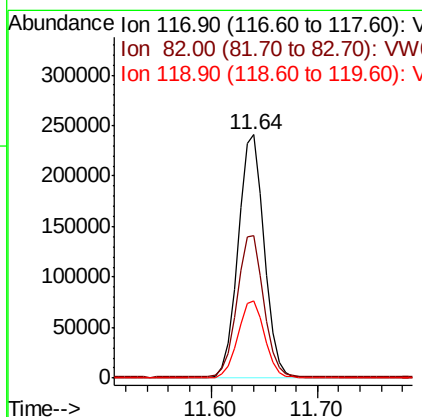
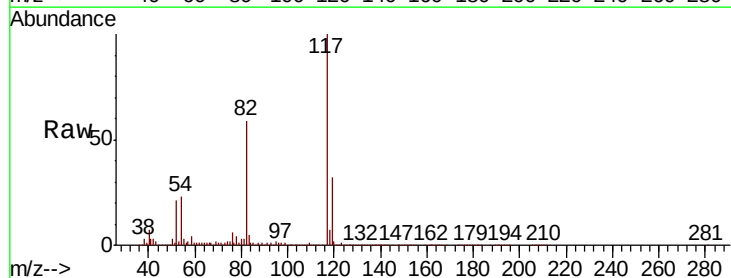
Instrument :
MSVOA_W
ClientSampleId :
161-20RE

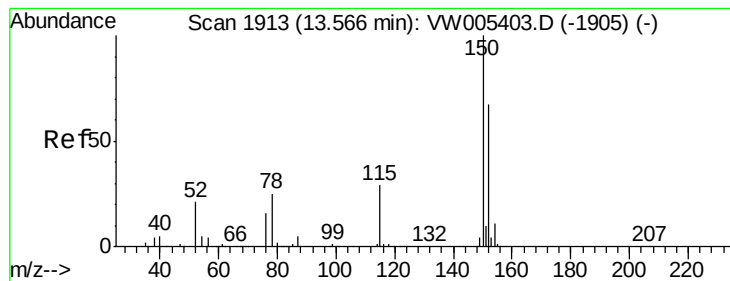
Tot Ion: 95 Resp: 159641
Ion Ratio Lower Upper
95 100
174 75.9 0.0 161.2
176 73.4 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005465.D
Acq: 18 Sep 2018 07:08

Tgt Ion: 117 Resp: 413621
Ion Ratio Lower Upper
117 100
82 58.3 45.9 68.9
119 31.4 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005465.D

Acq: 18 Sep 2018 07:08

Instrument :

MSVOA_W

ClientSampleId :

161-20RE

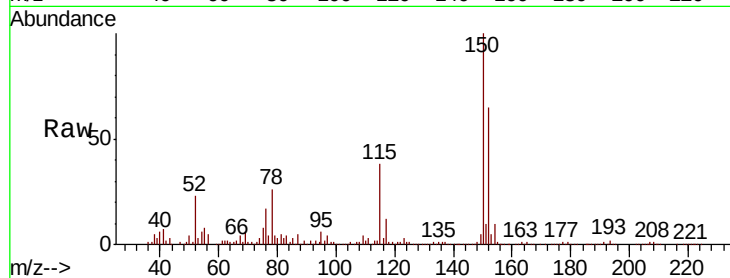
Tot Ion:152 Resp: 177648

Ion Ratio Lower Upper

152 100

115 58.0 29.5 88.5

150 153.2 0.0 345.6



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

