

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006779.D
 Acq On : 08 Nov 2018 20:58
 Operator : SY/AP
 Sample : J5813-08RE
 Misc : 5.81G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-HRE

Quant Time: Nov 09 12:08:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	341047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	138275	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	157315	81.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	162.28%	
35) Dibromofluoromethane	7.88	113	156864	73.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.58%	
50) Toluene-d8	10.32	98	521660	64.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.04%	
62) 4-Bromofluorobenzene	12.62	95	161655	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	

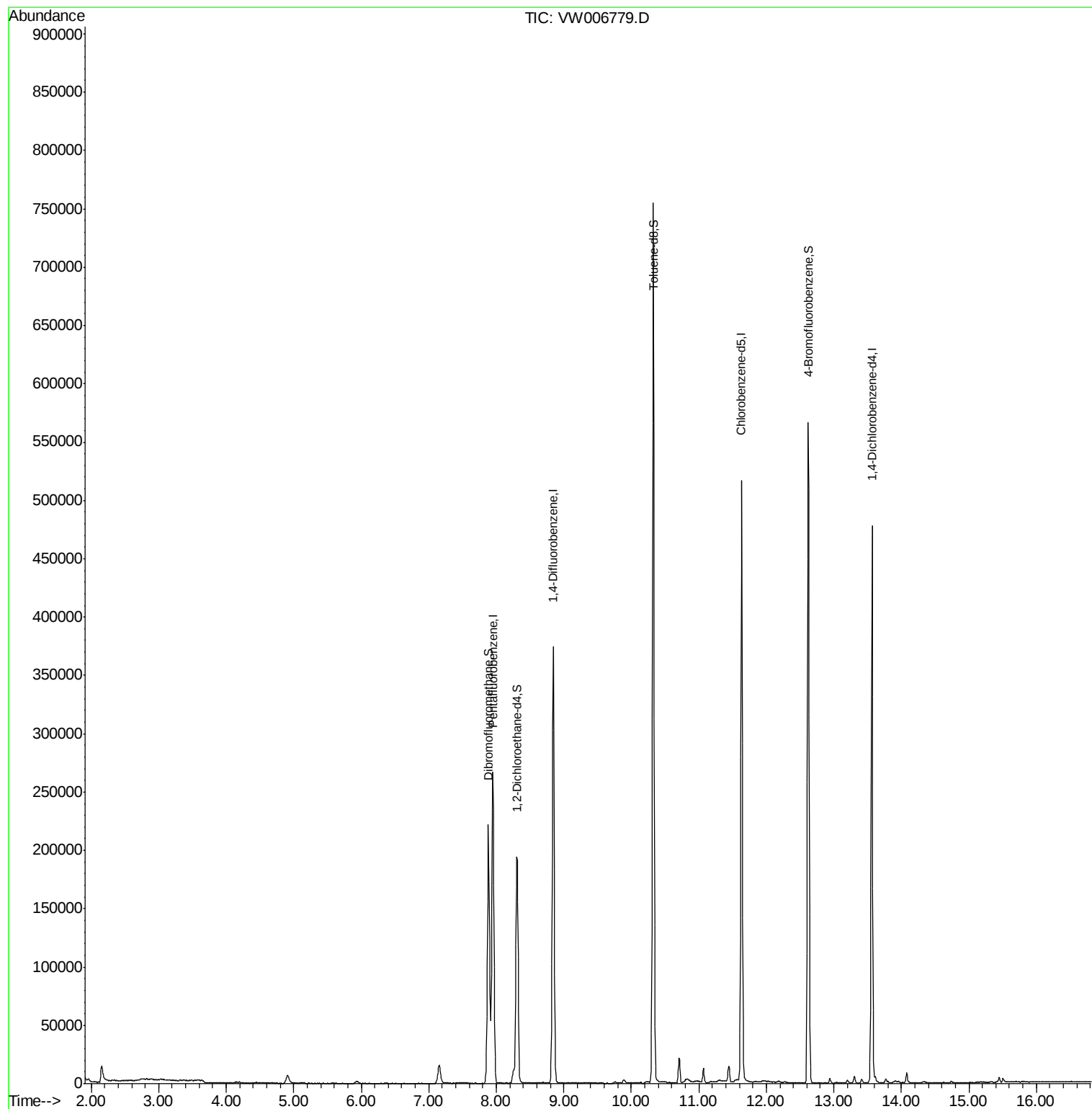
Target Compounds	Qvalue

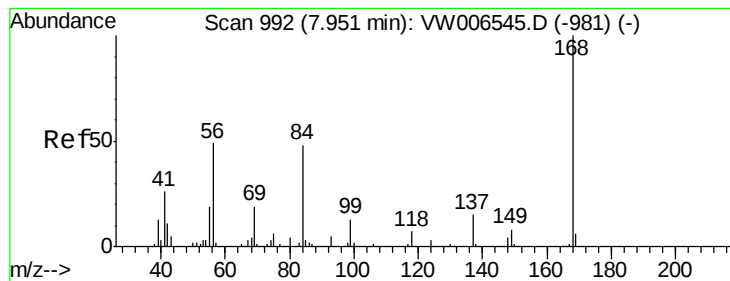
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006779.D

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Instrument :

MSVOA_W

ClientSampleId :

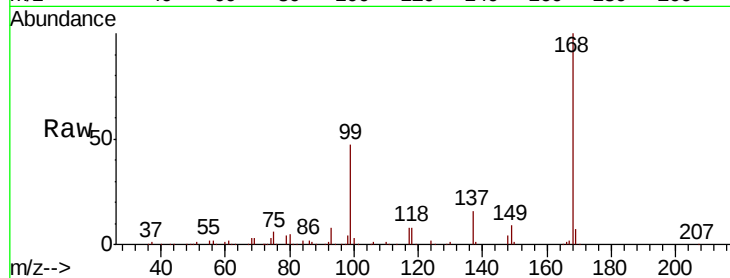
TS-HRE

Tot Ion:168 Resp: 225560

Ion Ratio Lower Upper

168 100

99 46.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

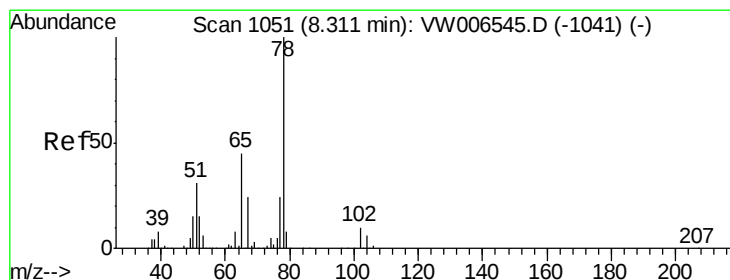
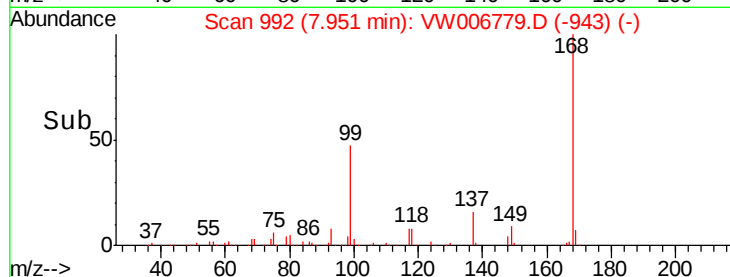
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 81.136 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006779.D

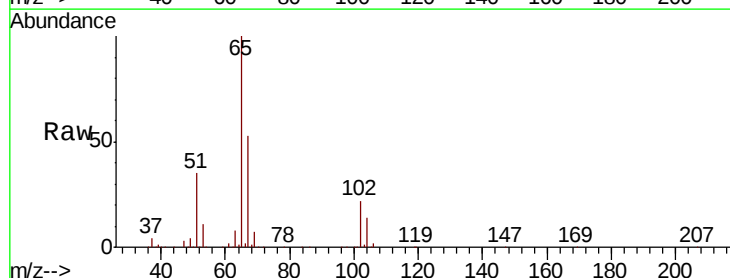
Acq: 08 Nov 2018 20:58

Tgt Ion: 65 Resp: 157315

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

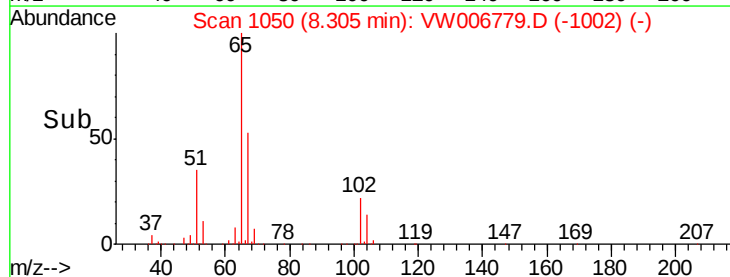
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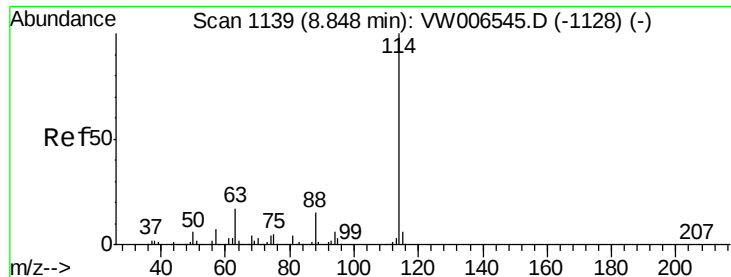
40000

20000

0

Time--> 8.20 8.30 8.40

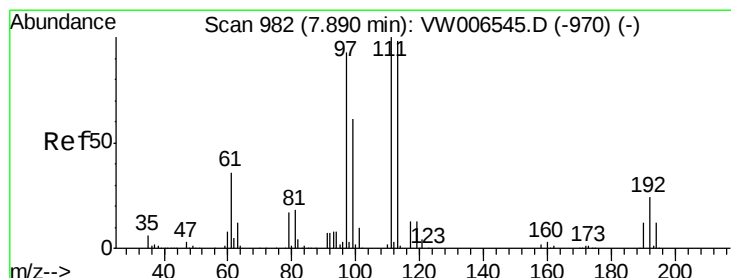
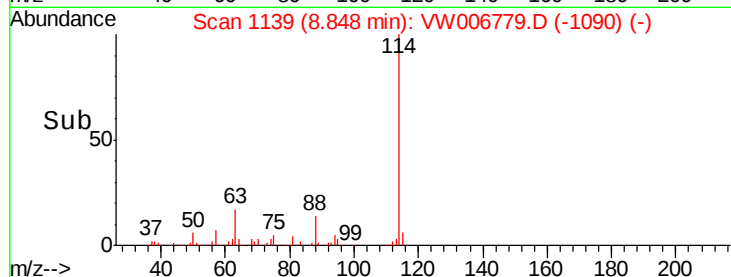
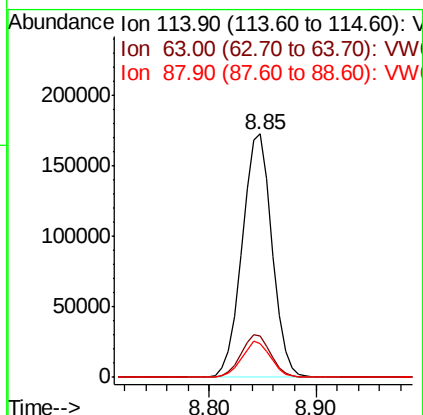
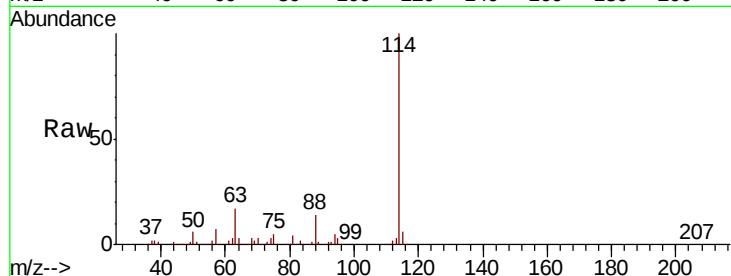




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006779.D
 Acq: 08 Nov 2018 20:58

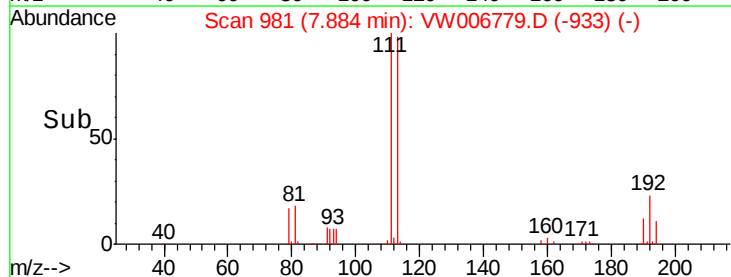
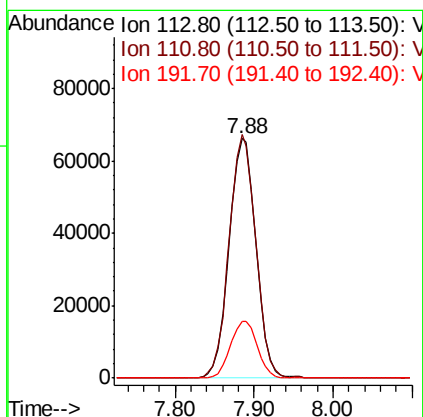
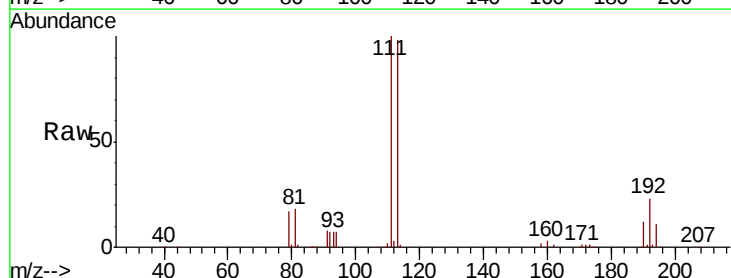
Instrument :
 MSVOA_W
 ClientSampleId :
 TS-HRE

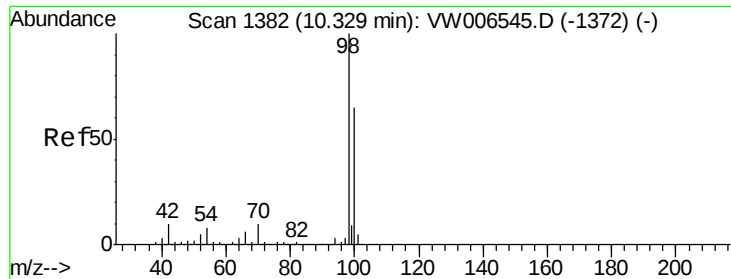
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	34.4
88	14.0	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 73.289 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006779.D
 Acq: 08 Nov 2018 20:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.2
192	23.8	19.0	28.6

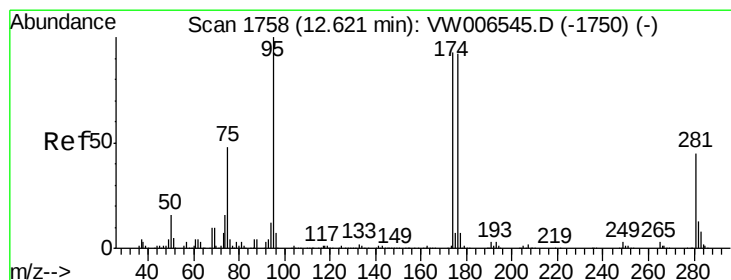
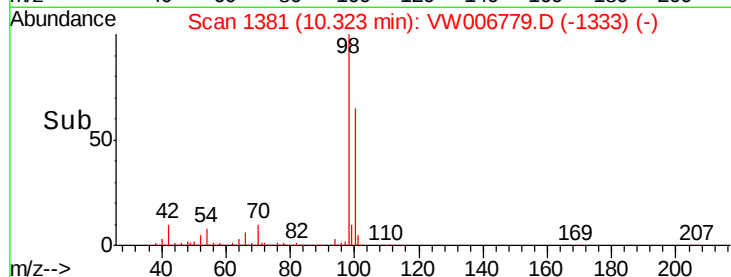
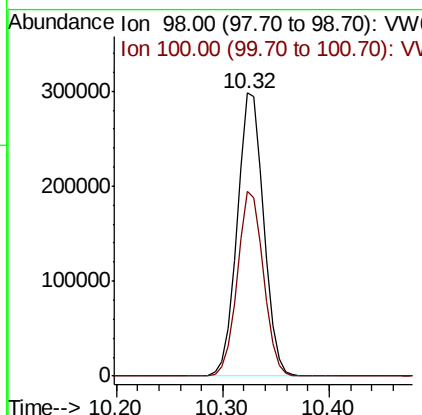
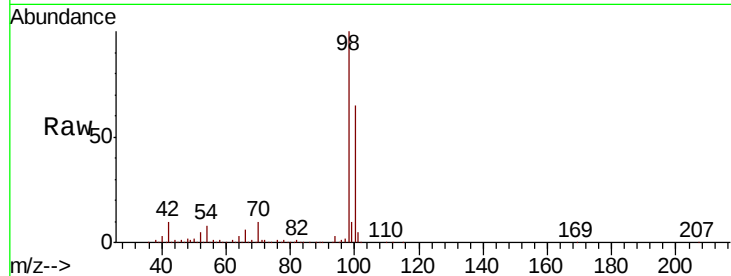




#50
Toluene-d8
Concen: 64.024 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006779.D
Acq: 08 Nov 2018 20:58

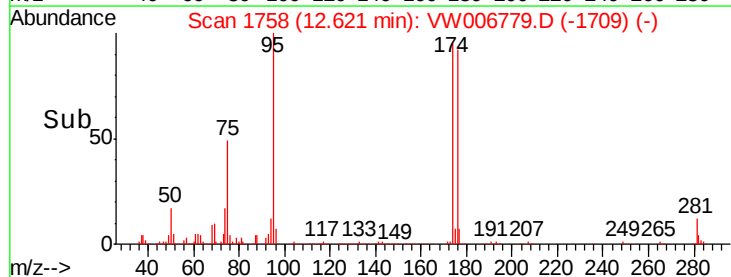
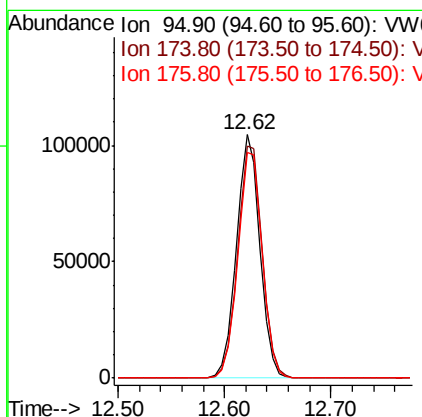
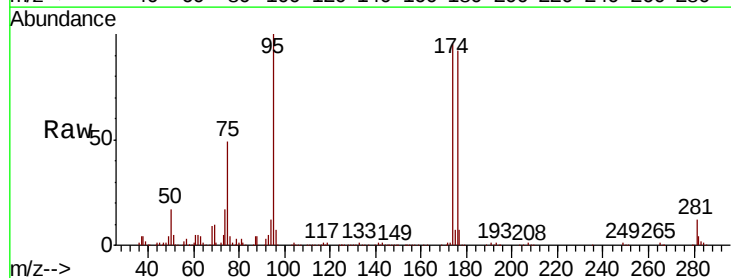
Instrument :
MSVOA_W
ClientSampleId :
TS-HRE

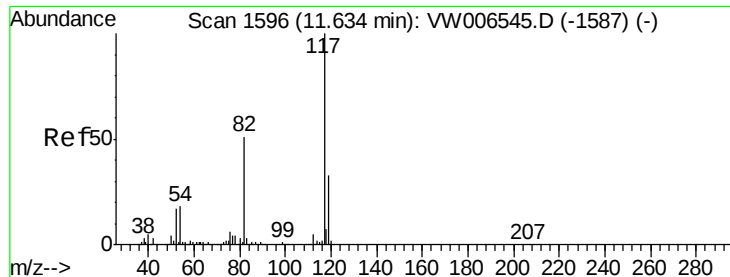
Tot Ion: 98 Resp: 521660
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 54.725 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006779.D
Acq: 08 Nov 2018 20:58

Tgt Ion: 95 Resp: 161655
Ion Ratio Lower Upper
95 100
174 100.1 0.0 192.4
176 96.4 0.0 187.4

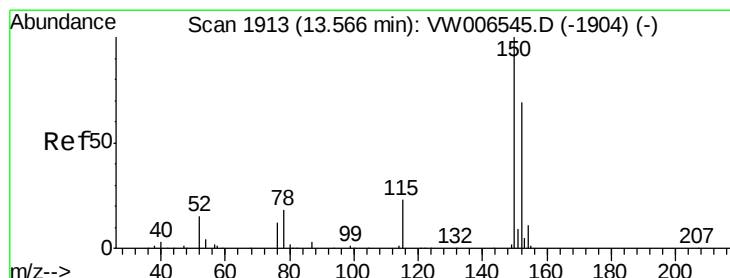
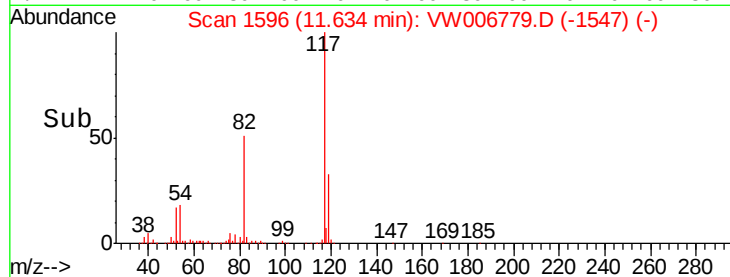
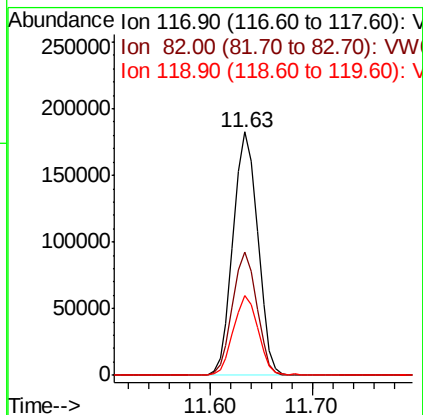
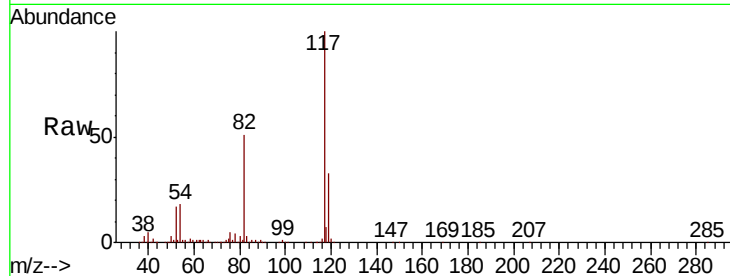




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006779.D
Acq: 08 Nov 2018 20:58

Instrument :
MSVOA_W
ClientSampleId :
TS-HRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	40.8	61.2
119	32.7	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006779.D
Acq: 08 Nov 2018 20:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.9	26.6	79.8
150	153.9	0.0	344.6

