

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013696.D
 Acq On : 24 Oct 2019 05:16
 Operator : SY/VA
 Sample : K5502-18
 Misc : 4.91G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 177-44-(2.5)

Quant Time: Oct 24 08:50:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	286964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	355583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109122	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	124943	58.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.08%	
35) Dibromofluoromethane	7.88	113	131067	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
50) Toluene-d8	10.32	98	521106	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.62	95	131966	38.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.32%	

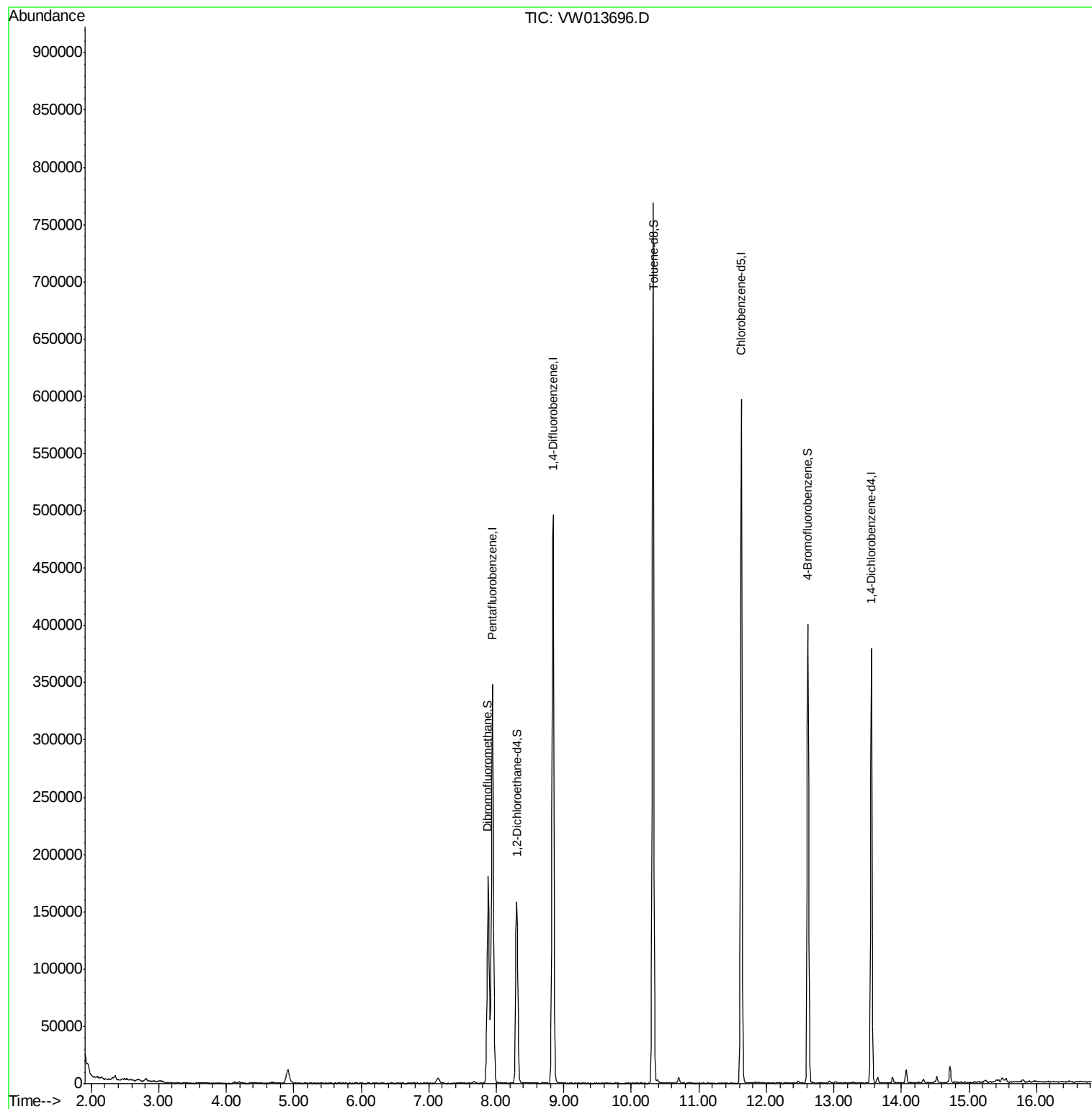
Target Compounds	Qvalue

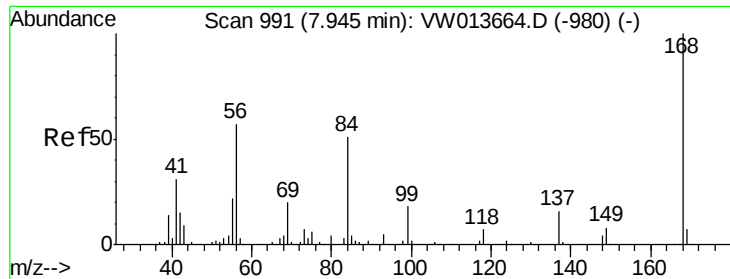
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013696.D

Acq: 24 Oct 2019 05:16

Instrument :

MSVOA_W

ClientSampleId :

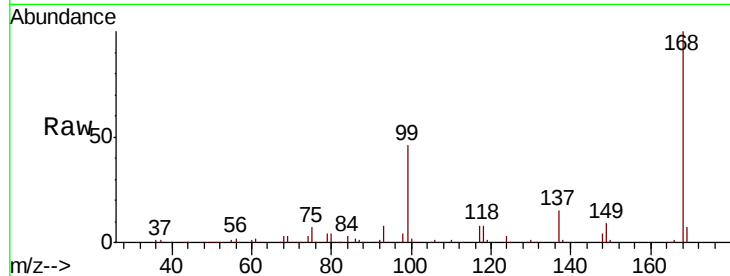
177-44-(2.5)

Tot Ion:168 Resp: 286964

Ion Ratio Lower Upper

168 100

99 46.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

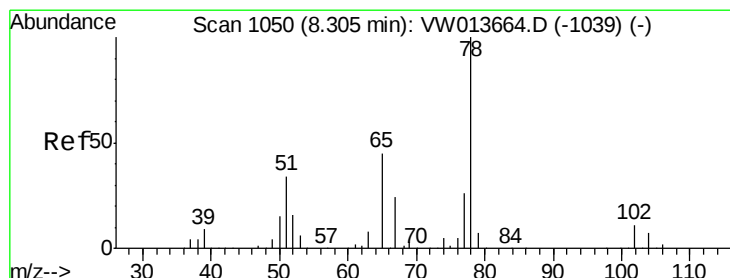
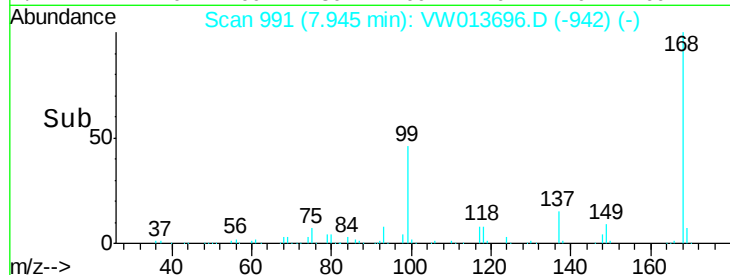
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.040 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013696.D

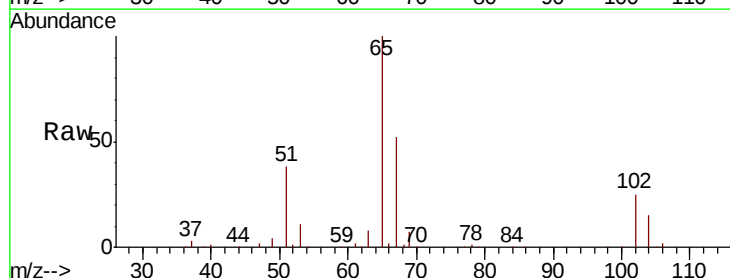
Acq: 24 Oct 2019 05:16

Tgt Ion: 65 Resp: 124943

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

50000

40000

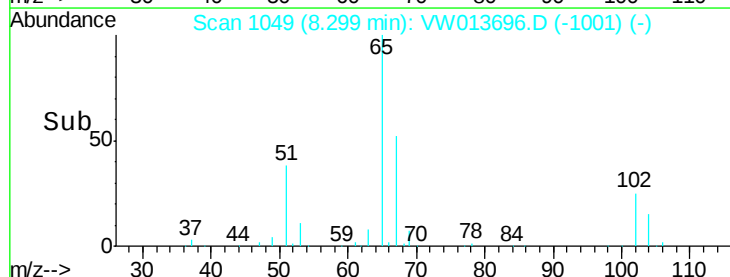
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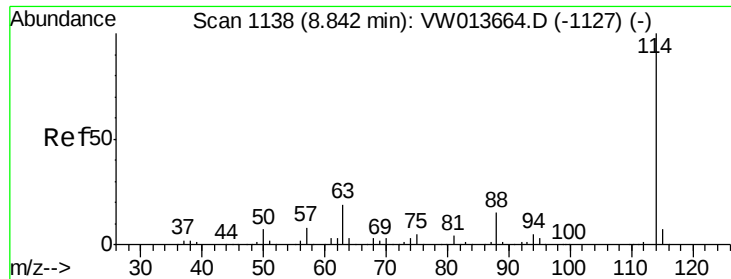
20000

10000

0

Time-->

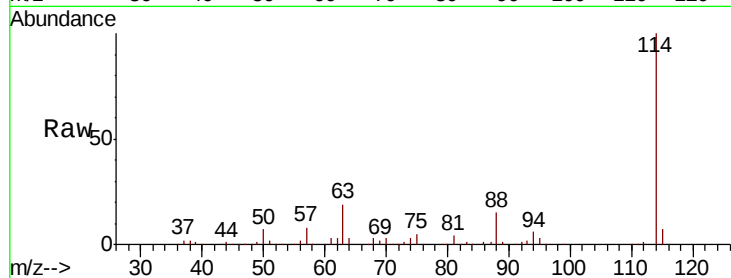




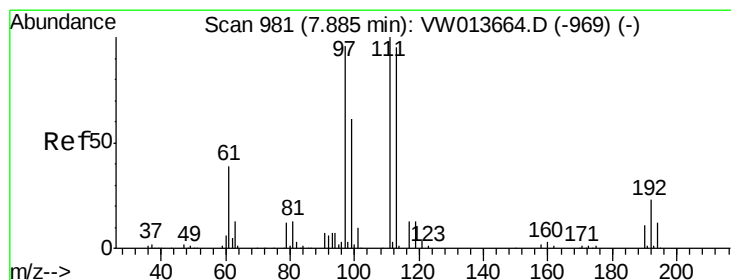
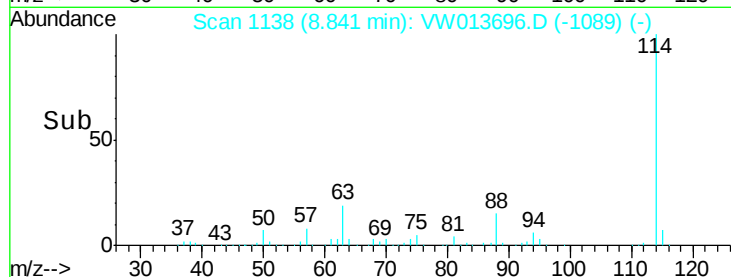
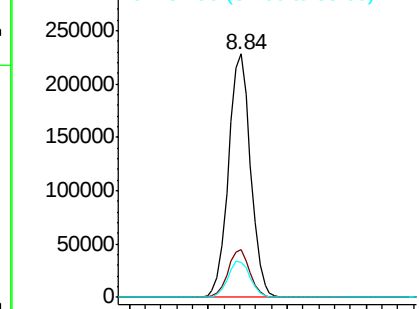
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013696.D
Acq: 24 Oct 2019 05:16

Instrument :
MSVOA_W
ClientSampleId :
177-44-(2.5)

Tot Ion:114 Resp: 445211
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.6
88 14.6 0.0 30.2

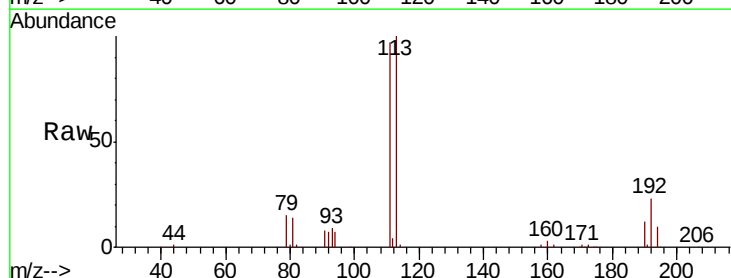


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

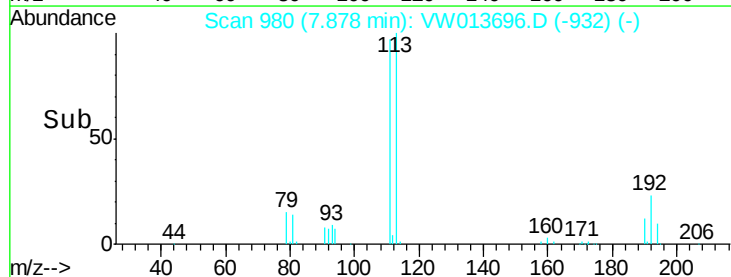
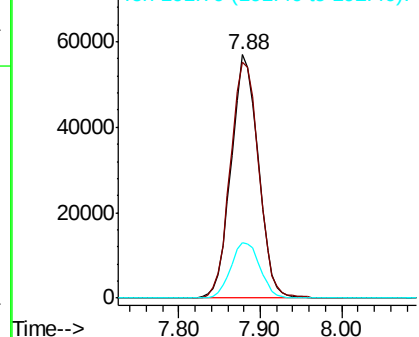


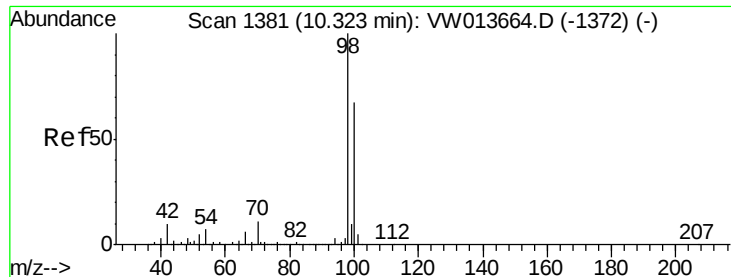
#35
Dibromofluoromethane
Concen: 52.981 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW013696.D
Acq: 24 Oct 2019 05:16

Tgt Ion:113 Resp: 131067
Ion Ratio Lower Upper
113 100
111 101.2 83.0 124.6
192 24.3 19.4 29.2



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

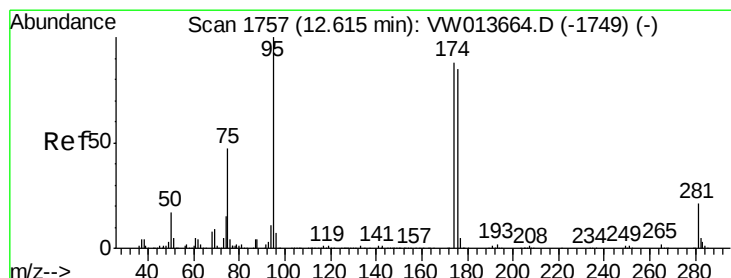
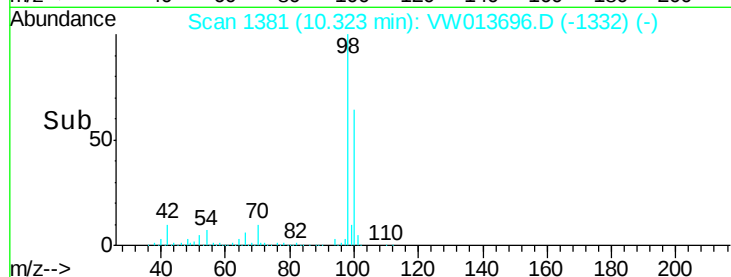
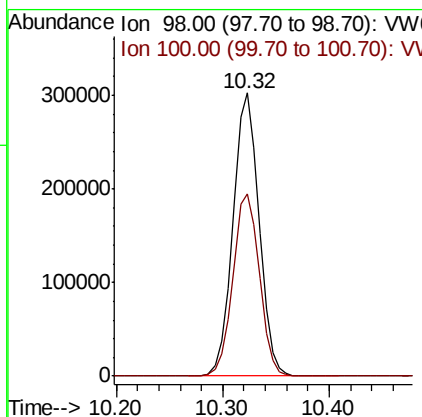
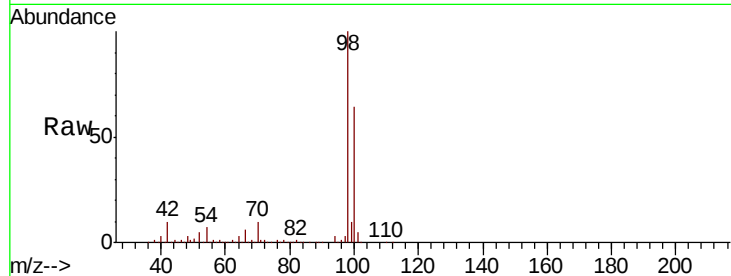




#50
Toluene-d8
Concen: 51.696 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013696.D
Acq: 24 Oct 2019 05:16

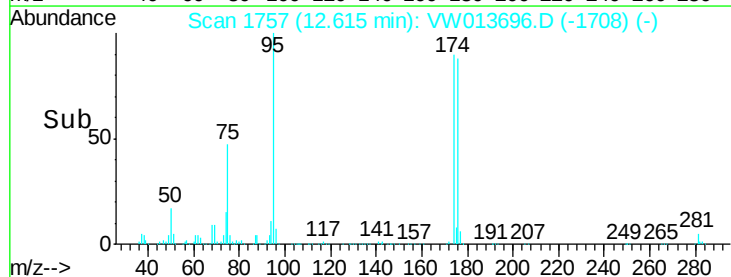
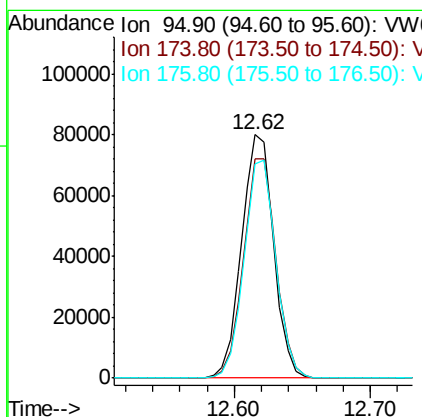
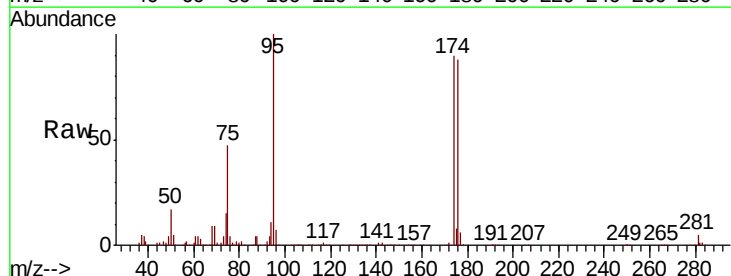
Instrument :
MSVOA_W
ClientSampleId :
177-44-(2.5)

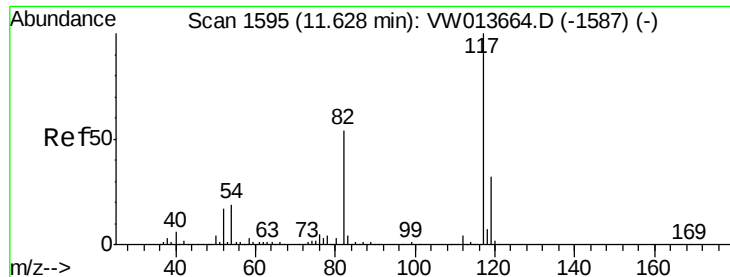
Tot Ion: 98 Resp: 521106
Ion Ratio Lower Upper
98 100
100 65.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 38.663 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013696.D
Acq: 24 Oct 2019 05:16

Tgt Ion: 95 Resp: 131966
Ion Ratio Lower Upper
95 100
174 91.6 0.0 183.6
176 88.9 0.0 178.0

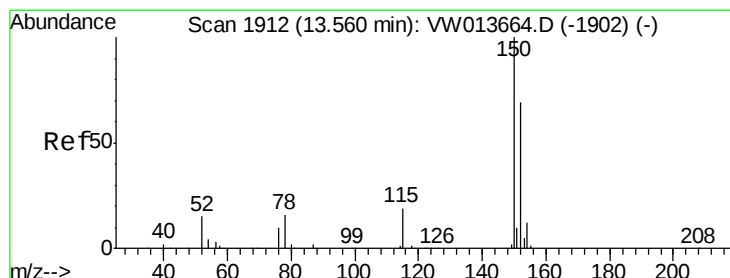
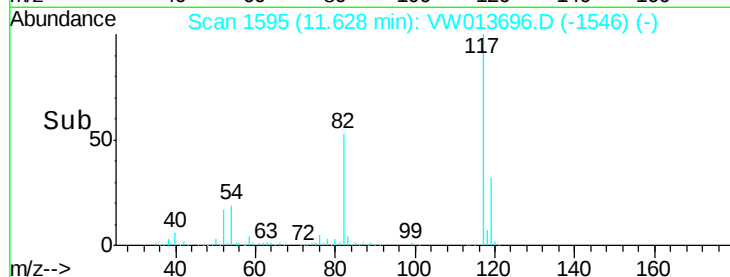
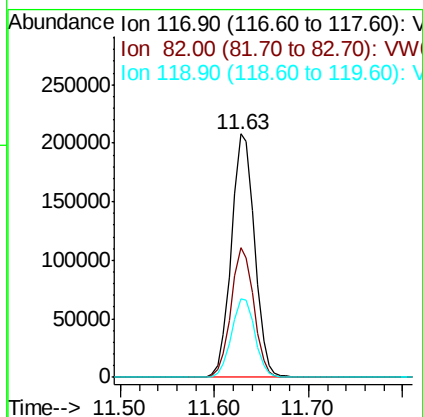
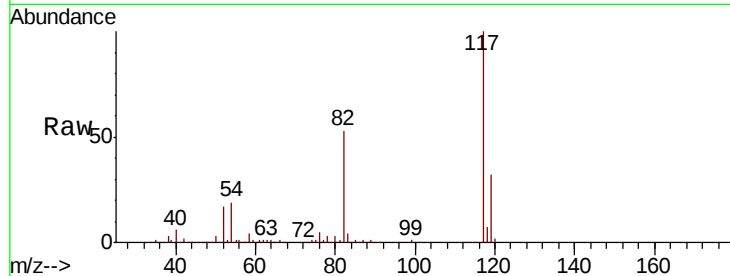




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013696.D
Acq: 24 Oct 2019 05:16

Instrument :
MSVOA_W
ClientSampleId :
177-44-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.6	65.4
119	32.2	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013696.D
Acq: 24 Oct 2019 05:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.4	82.2
150	154.1	0.0	345.4

