

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013691.D
 Acq On : 24 Oct 2019 03:06
 Operator : SY/VA
 Sample : K5502-08
 Misc : 9.98G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 180-34-(2.1)

Quant Time: Oct 24 08:43:36 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	308936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	474617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	386506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156240	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	125732	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
35) Dibromofluoromethane	7.88	113	136540	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
50) Toluene-d8	10.32	98	537576	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.62	95	159556	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	

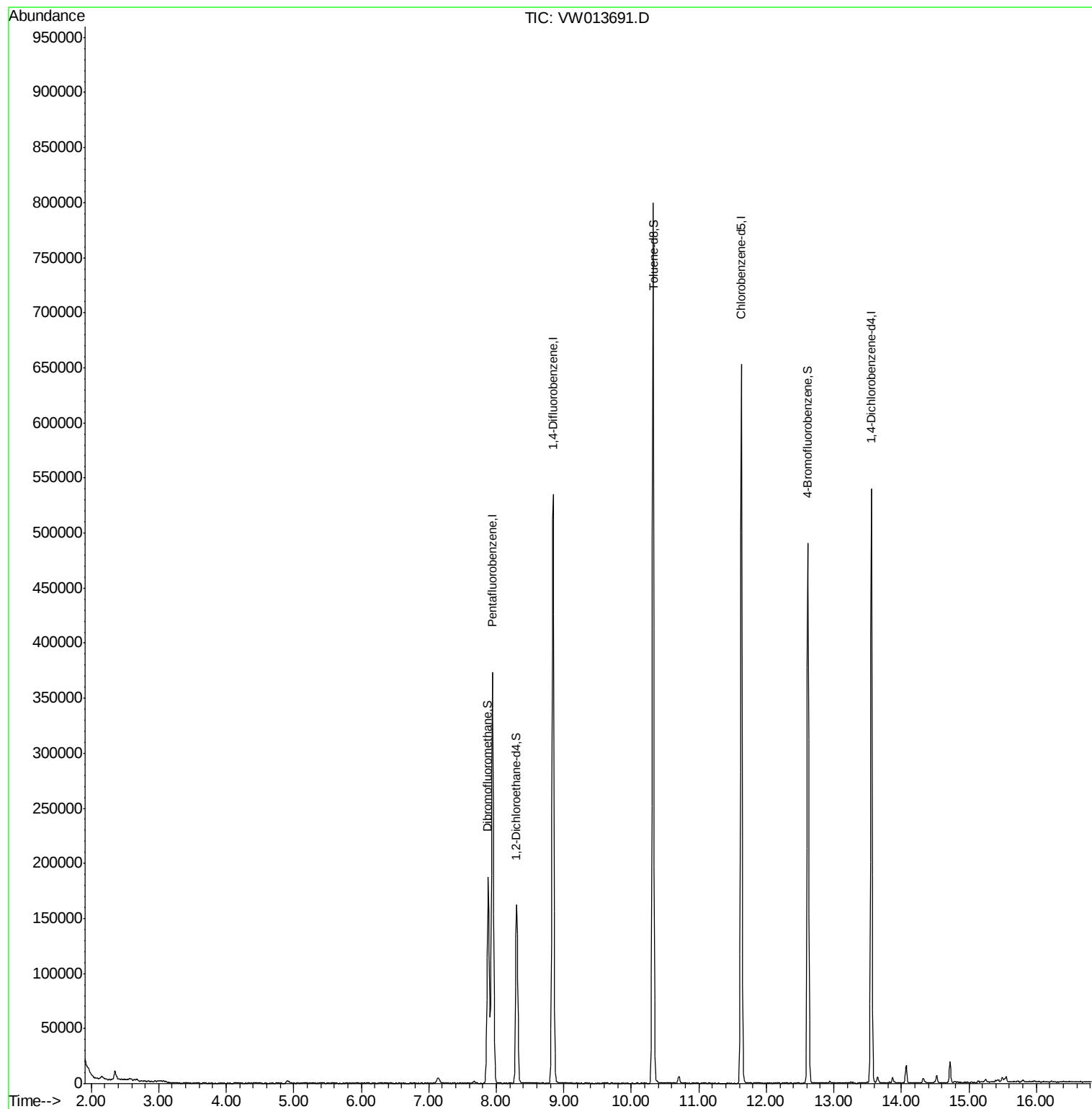
Target Compounds	Qvalue

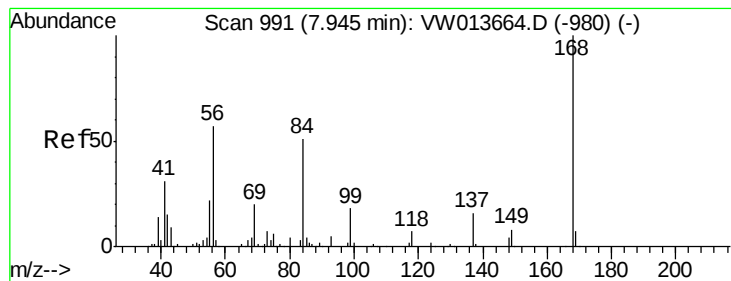
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013691.D

Acq: 24 Oct 2019 03:06

Instrument :

MSVOA_W

ClientSampleId :

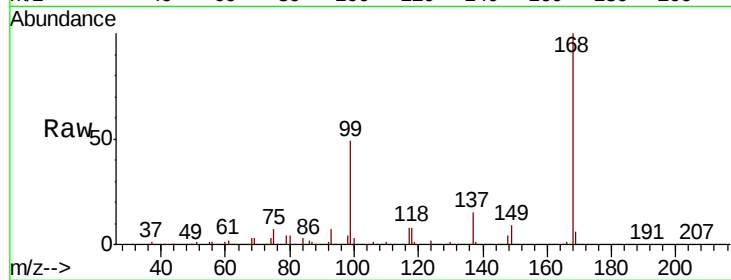
180-34-(2.1)

Tot Ion:168 Resp: 308936

Ion Ratio Lower Upper

168 100

99 48.6 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

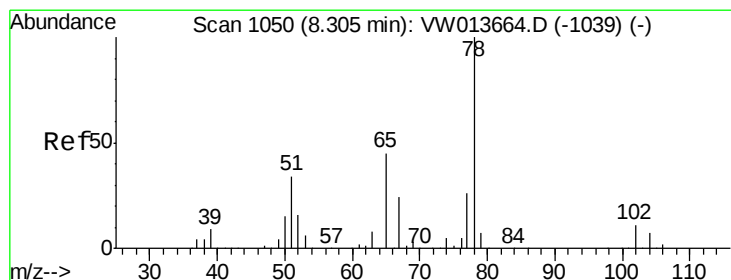
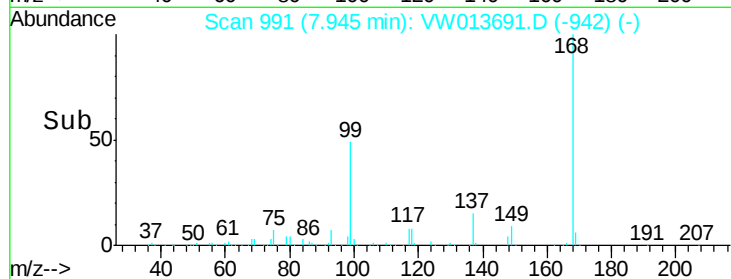
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 54.253 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013691.D

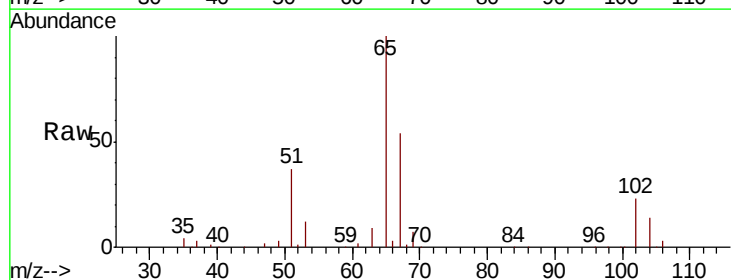
Acq: 24 Oct 2019 03:06

Tgt Ion: 65 Resp: 125732

Ion Ratio Lower Upper

65 100

67 54.6 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

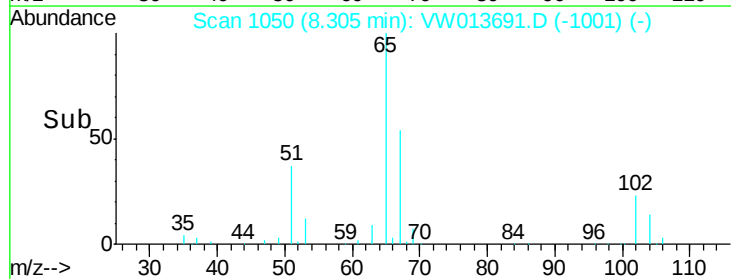
60000

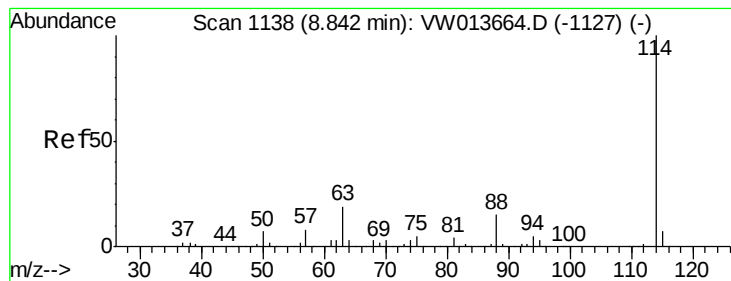
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013691.D

Acq: 24 Oct 2019 03:06

Instrument :

MSVOA_W

ClientSampleId :

180-34-(2.1)

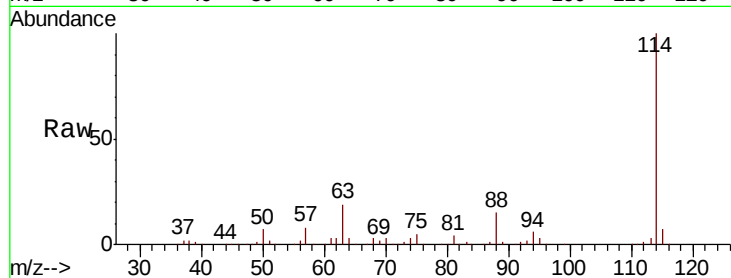
Tot Ion:114 Resp: 474617

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.6

88 14.7 0.0 30.2



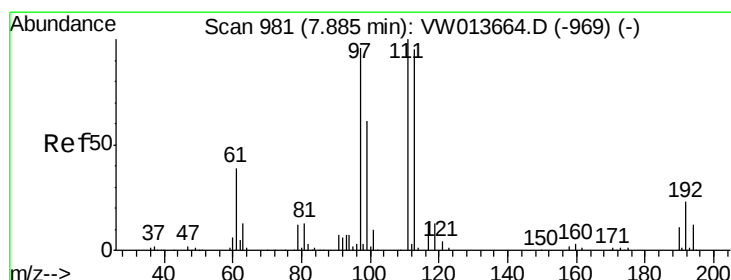
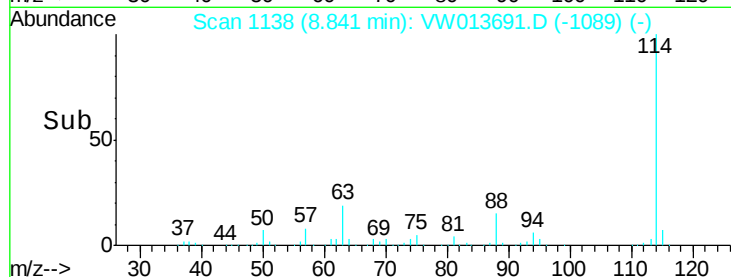
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

Time-->



#35

Dibromofluoromethane

Concen: 51.774 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013691.D

Acq: 24 Oct 2019 03:06

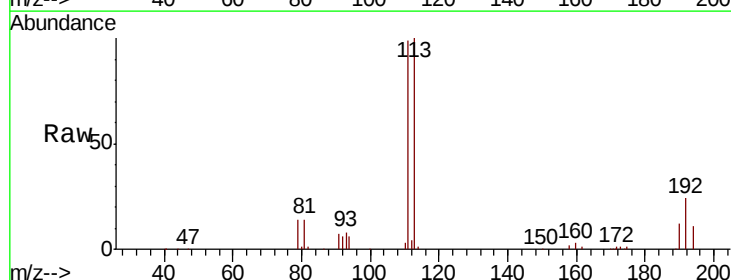
Tgt Ion:113 Resp: 136540

Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.6

192 24.8 19.4 29.2



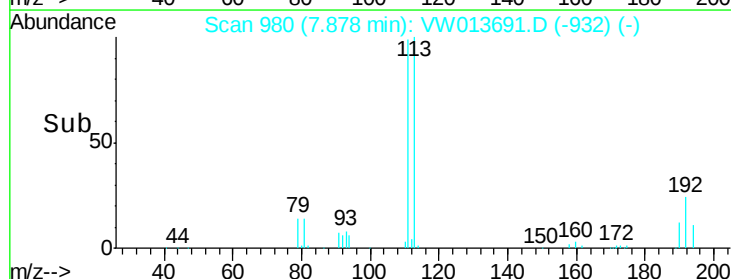
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.88

Time-->

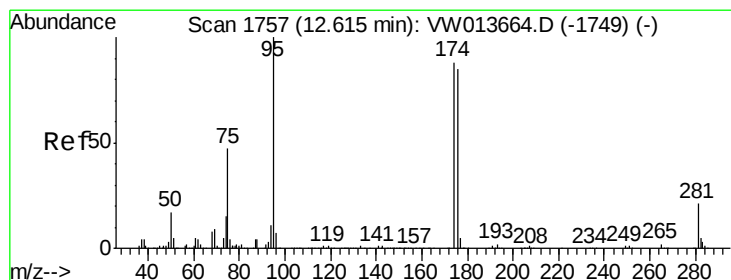
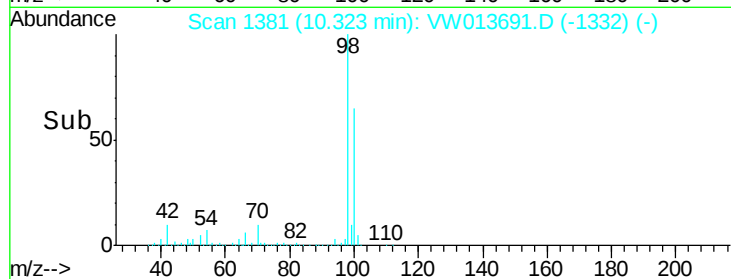
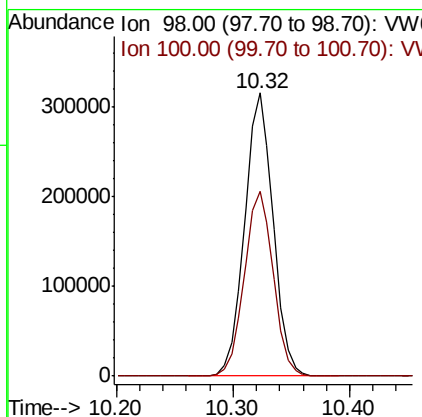
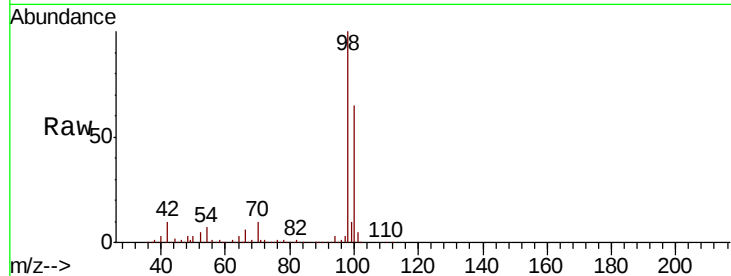




#50
Toluene-d8
Concen: 50.025 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013691.D
Acq: 24 Oct 2019 03:06

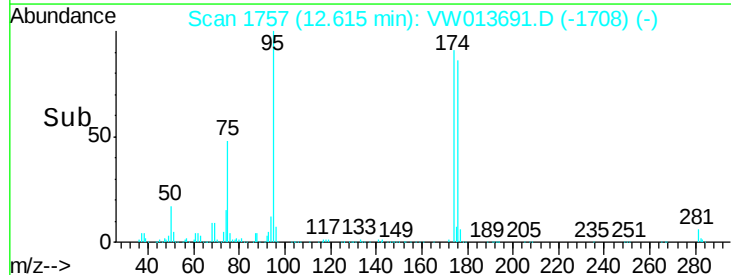
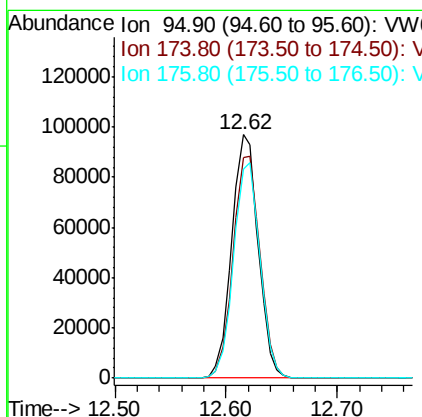
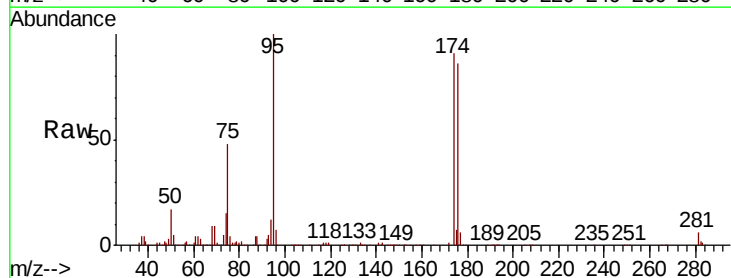
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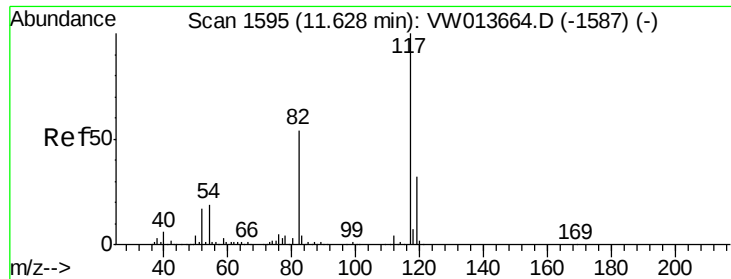
Tot Ion: 98 Resp: 537576
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 43.850 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013691.D
Acq: 24 Oct 2019 03:06

Tgt Ion: 95 Resp: 159556
Ion Ratio Lower Upper
95 100
174 92.8 0.0 183.6
176 88.2 0.0 178.0

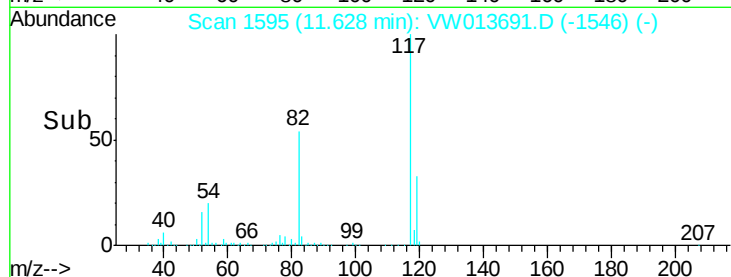
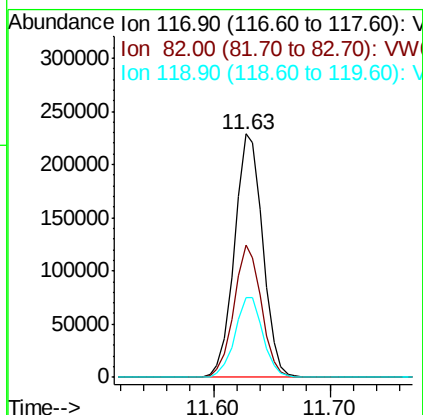
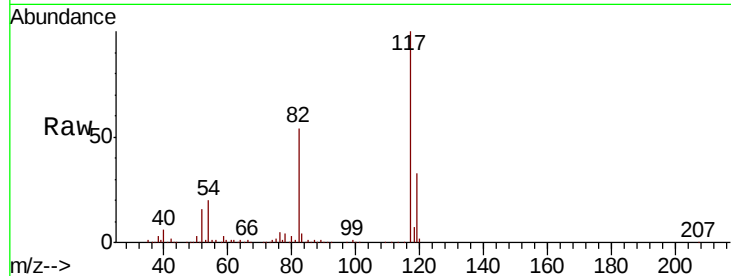




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013691.D
Acq: 24 Oct 2019 03:06

Instrument :
MSVOA_W
ClientSampleId :
180-34-(2.1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.6	65.4
119	32.6	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: VW013691.D
Acq: 24 Oct 2019 03:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.4	82.2
150	156.9	0.0	345.4

