

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010464.D
 Acq On : 20 May 2019 23:13
 Operator : SY/VA
 Sample : K2944-05
 Misc : 5.98G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-5(4.5-5)

Quant Time: May 21 07:12:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	100980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	191451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	162505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66124	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	65314	62.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.32%	
35) Dibromofluoromethane	7.88	113	59503	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	10.32	98	232451	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.62	95	81972	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	

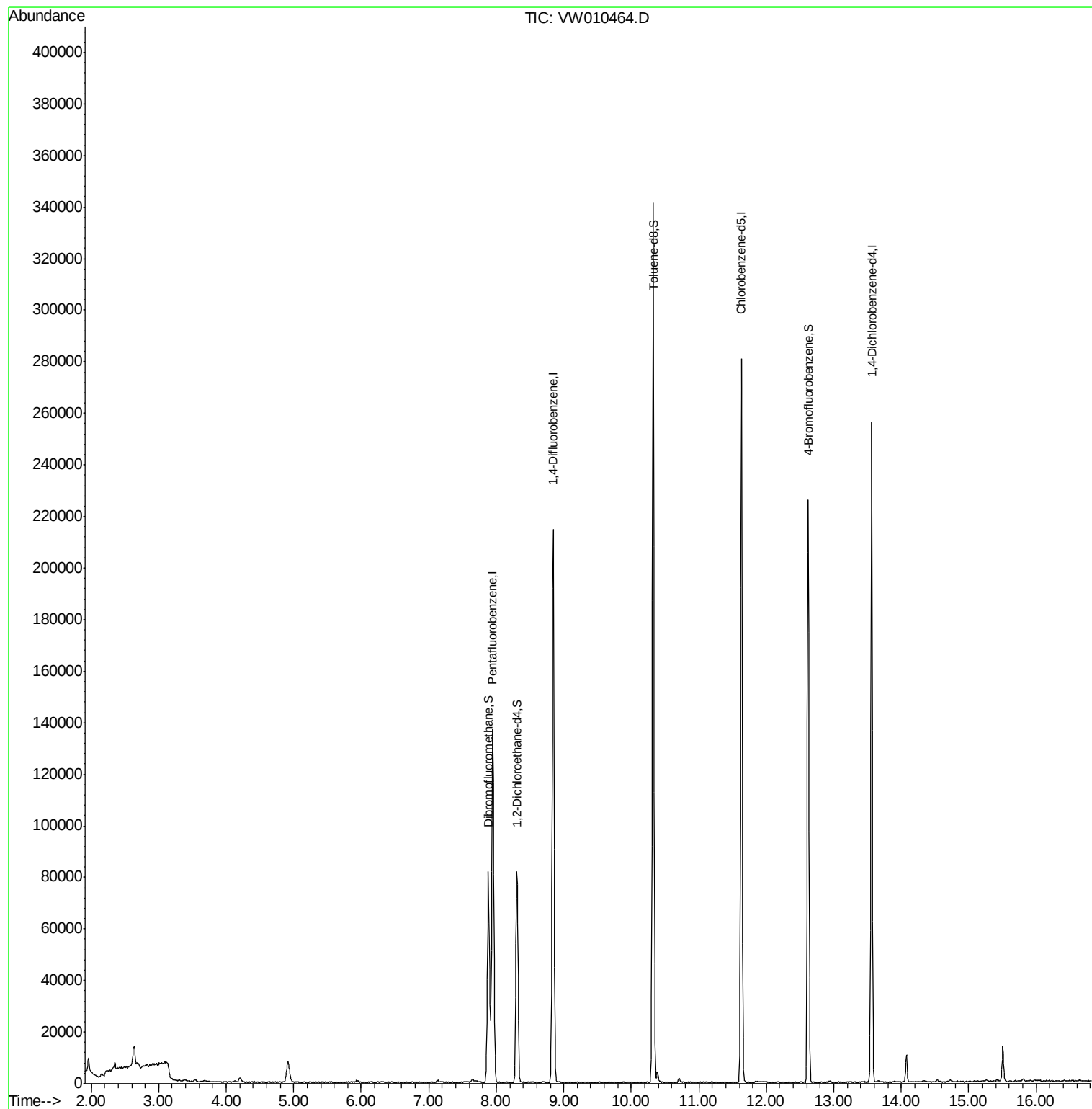
Target Compounds	Qvalue
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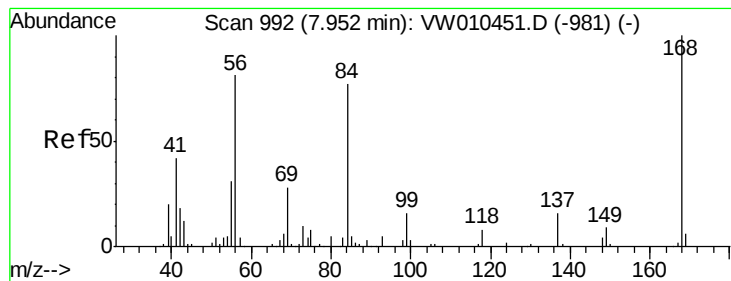
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010464.D

Acq: 20 May 2019 23:13

Instrument :

MSVOA_W

ClientSampleId :

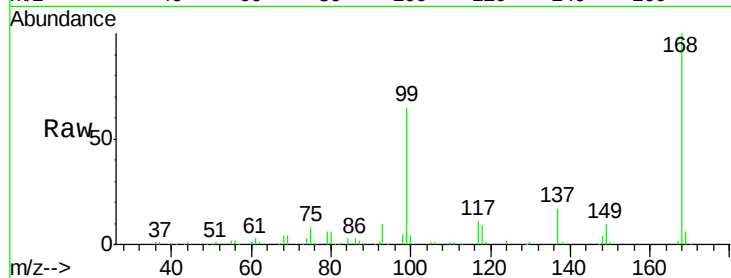
FESB-5(4.5-5)

Tot Ion:168 Resp: 100980

Ion Ratio Lower Upper

168 100

99 65.4 46.1 69.1



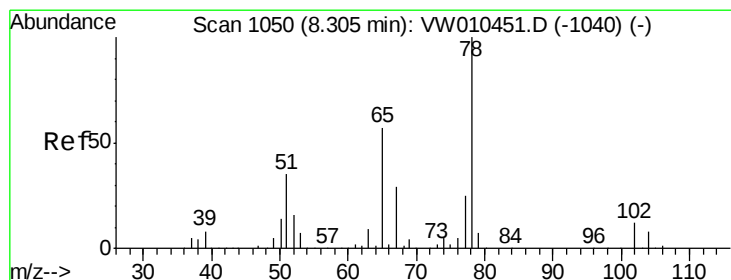
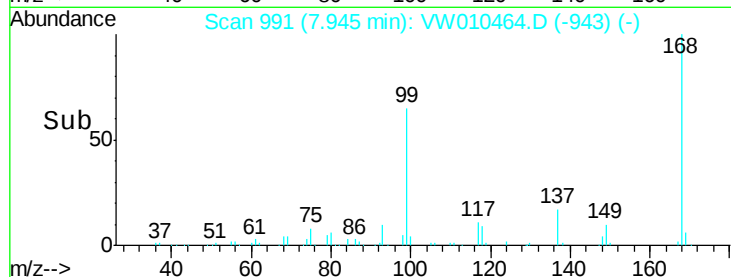
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

Time-->

Chromatogram showing abundance (0 to 50000) versus time (7.90 to 8.10 min). A single sharp peak is visible at 7.95 min.



#33

1,2-Dichloroethane-d4

Concen: 62.664 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010464.D

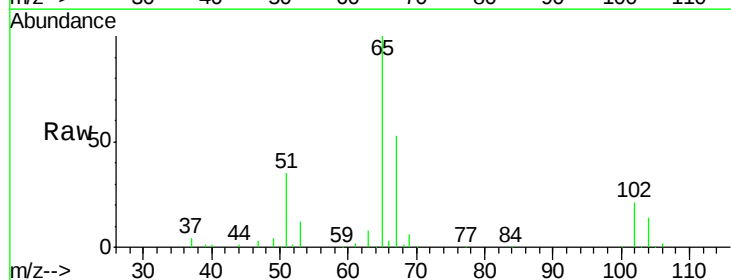
Acq: 20 May 2019 23:13

Tgt Ion: 65 Resp: 65314

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.6



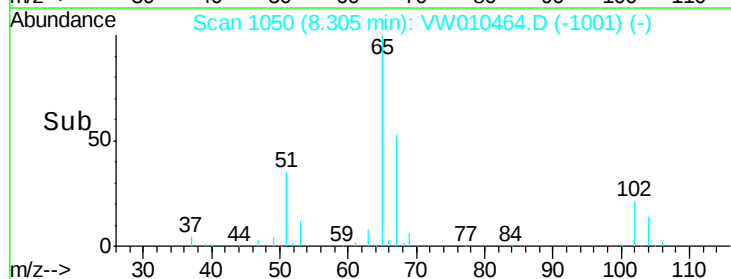
Abundance Ion 64.90 (64.60 to 65.60): VW

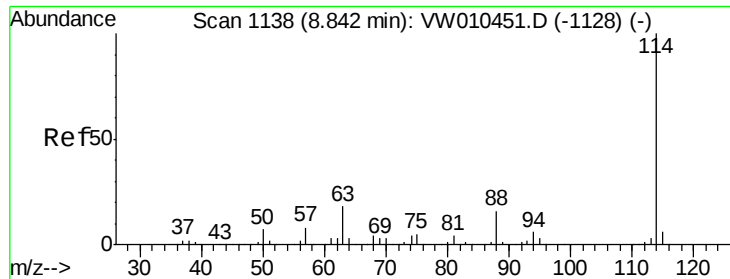
Ion 66.90 (66.60 to 67.60): VW

8.31

Time-->

Chromatogram showing abundance (0 to 30000) versus time (8.20 to 8.40 min). A single sharp peak is visible at 8.31 min.

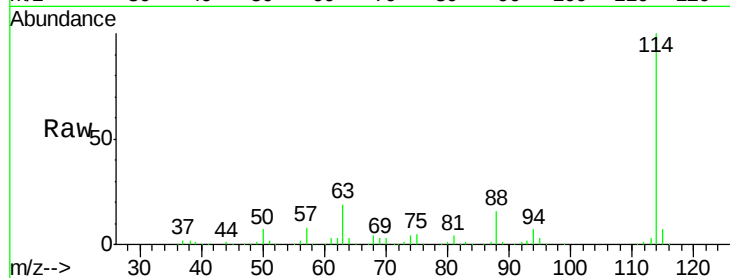




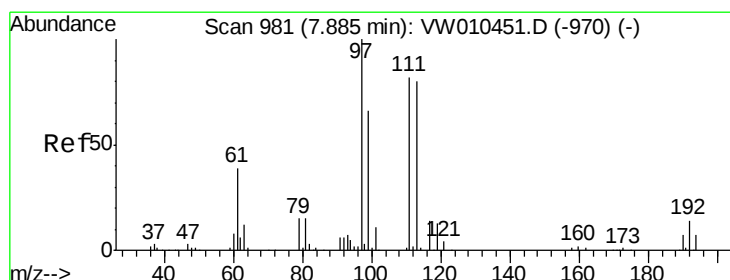
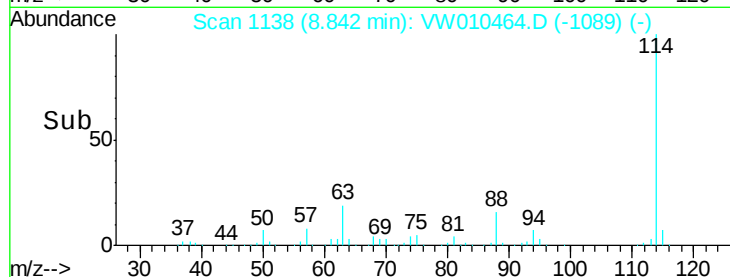
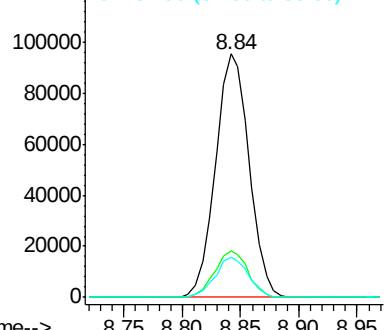
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010464.D
Acq: 20 May 2019 23:13

Instrument :
MSVOA_W
ClientSampleId :
FESB-5(4.5-5)

Tot Ion:114 Resp: 191451
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.0
88 16.4 0.0 32.0

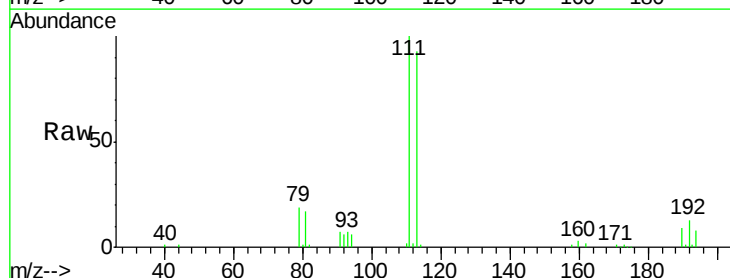


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

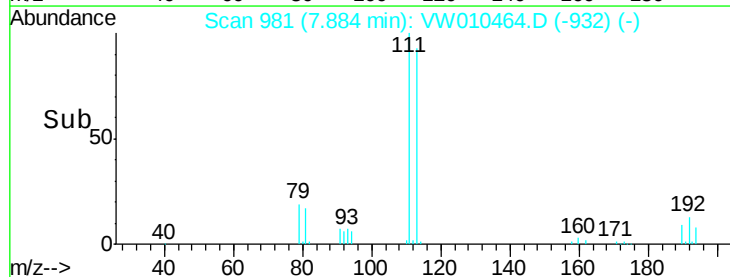
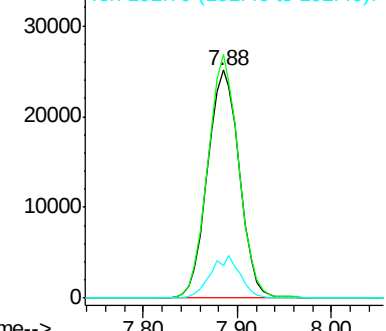


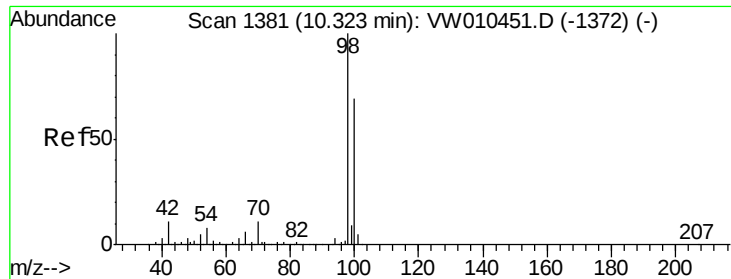
#35
Dibromofluoromethane
Concen: 51.221 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010464.D
Acq: 20 May 2019 23:13

Tgt Ion:113 Resp: 59503
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 17.1 14.3 21.5



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: 52.378 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010464.D

Acq: 20 May 2019 23:13

Instrument :

MSVOA_W

ClientSampleId :

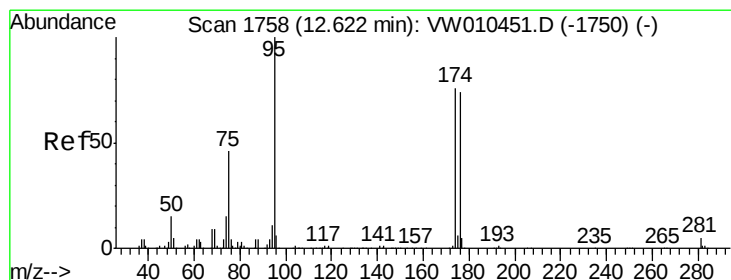
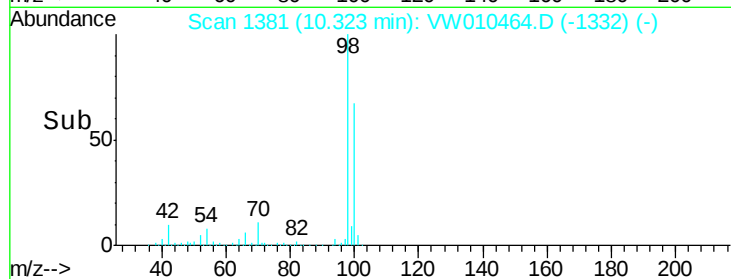
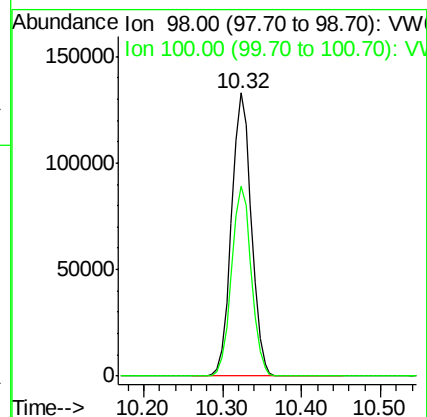
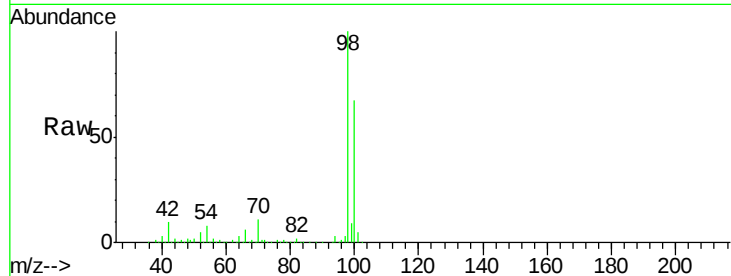
FESB-5(4.5-5)

Tot Ion: 98 Resp: 232451

Ion Ratio Lower Upper

98 100

100 66.8 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 46.372 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010464.D

Acq: 20 May 2019 23:13

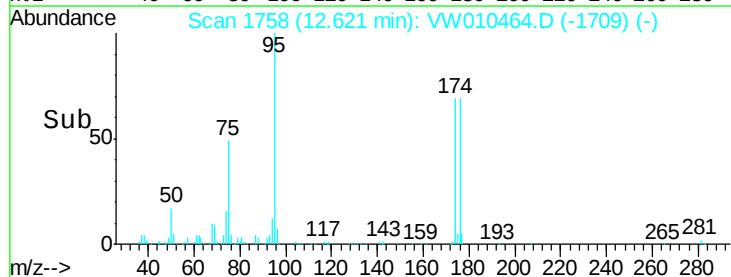
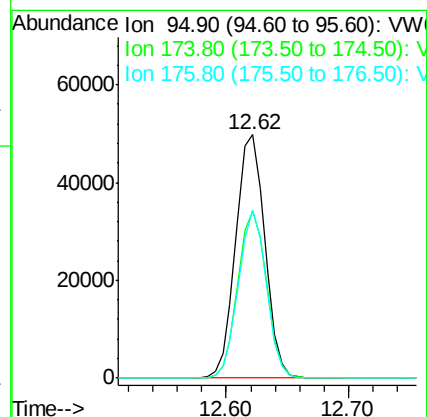
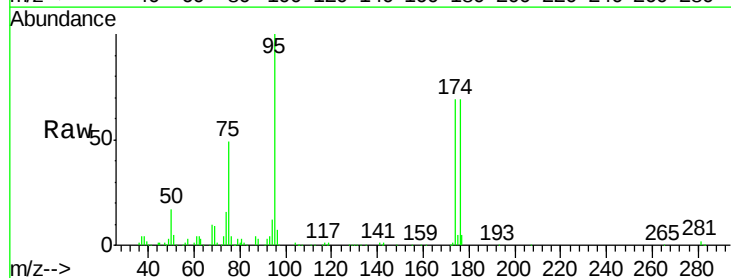
Tgt Ion: 95 Resp: 81972

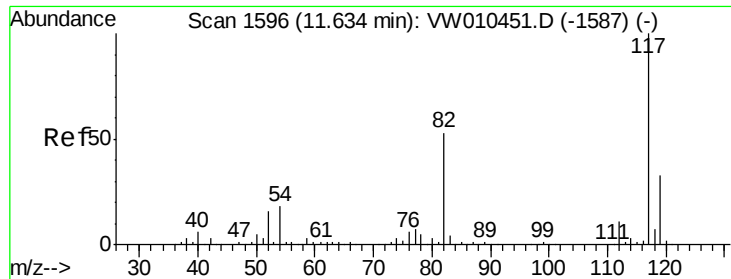
Ion Ratio Lower Upper

95 100

174 67.6 0.0 148.6

176 65.7 0.0 144.2

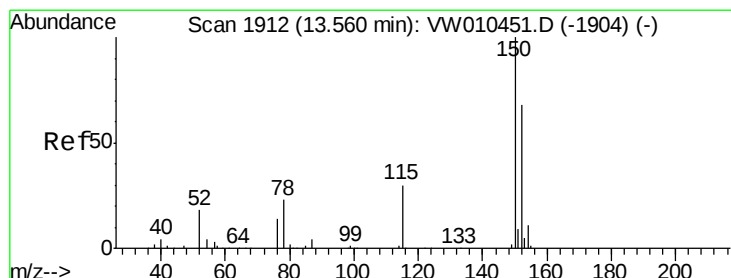
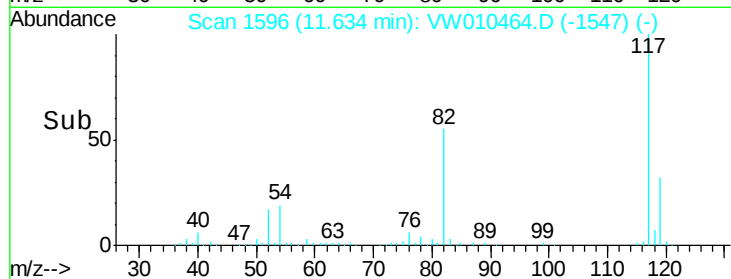
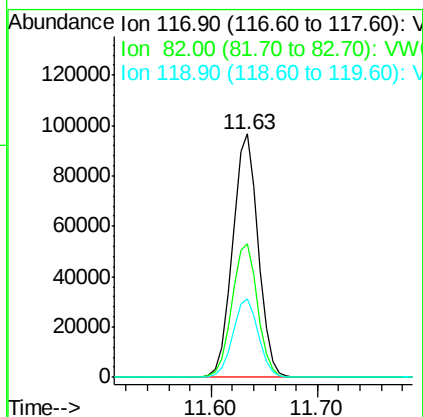
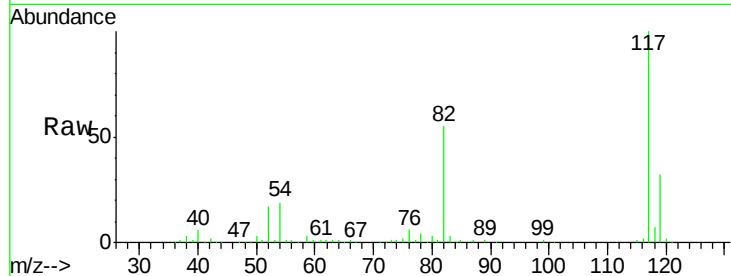




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010464.D
Acq: 20 May 2019 23:13

Instrument :
MSVOA_W
ClientSampleId :
FESB-5(4.5-5)

Tot Ion:117 Resp: 162505
Ion Ratio Lower Upper
117 100
82 54.8 42.8 64.2
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010464.D
Acq: 20 May 2019 23:13

Tgt Ion:152 Resp: 66124
Ion Ratio Lower Upper
152 100
115 64.4 30.3 91.0
150 156.1 0.0 349.8

