

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081719\
 Data File : VW011973.D
 Acq On : 16 Aug 2019 18:43
 Operator : SY/VA
 Sample : K4350-06
 Misc : 4.66G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-02_081319

Quant Time: Aug 17 05:41:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135953	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	147589	55.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.76%	
35) Dibromofluoromethane	7.88	113	115178	53.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.58%	
50) Toluene-d8	10.32	98	468582	53.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	154408	49.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.80%	

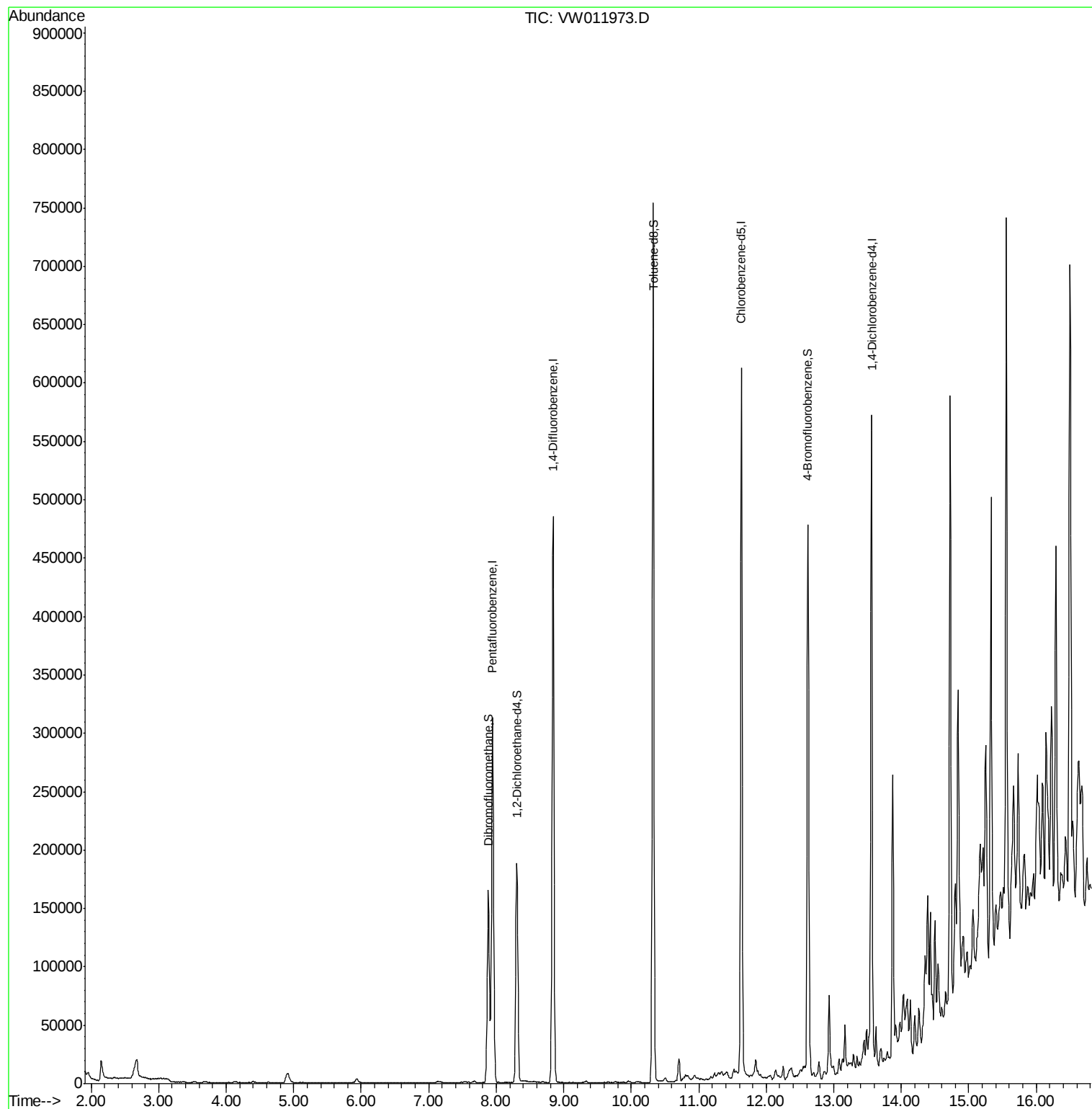
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011973.D

Acq: 16 Aug 2019 18:43

Instrument :

MSVOA_W

ClientSampleId :

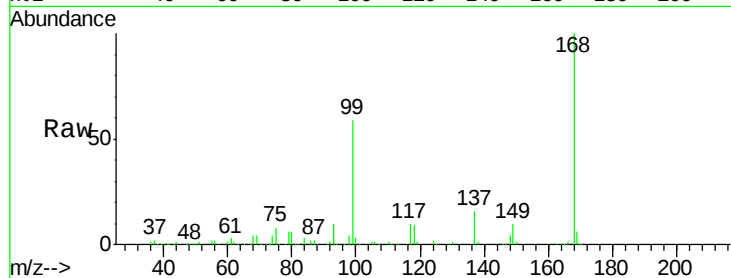
SP-02_081319

Tot Ion:168 Resp: 230027

Ion Ratio Lower Upper

168 100

99 59.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

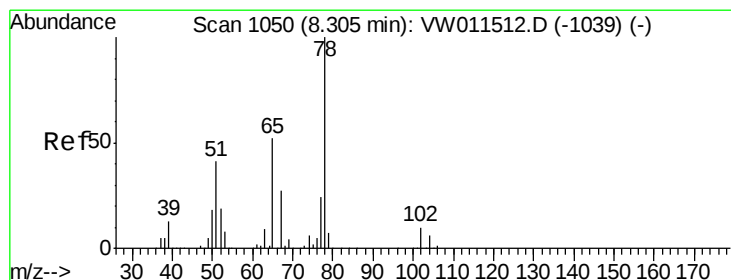
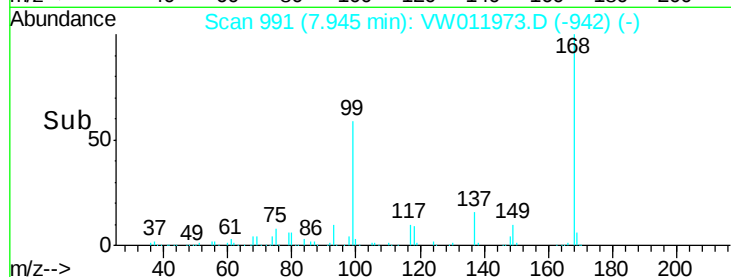
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 55.876 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011973.D

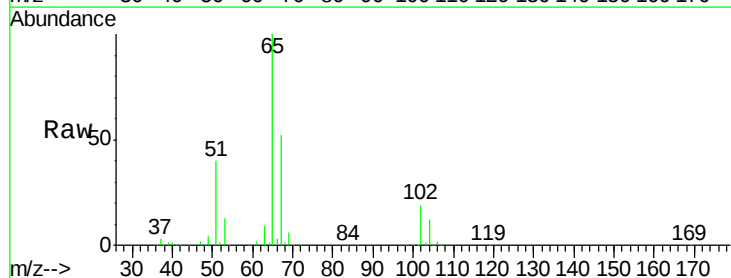
Acq: 16 Aug 2019 18:43

Tgt Ion: 65 Resp: 147589

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

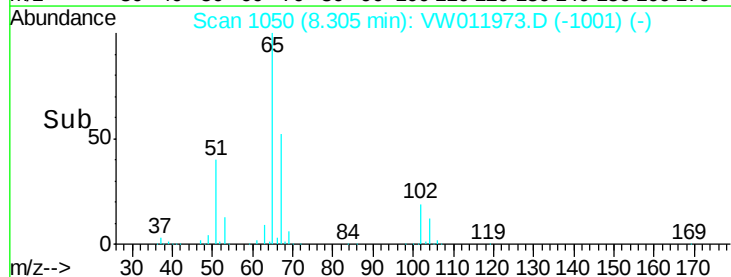
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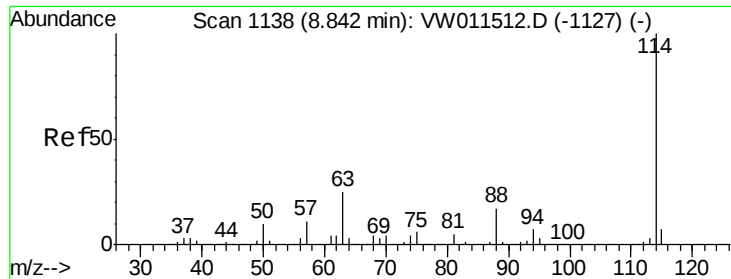
40000

20000

0

Time--> 8.20 8.30 8.40

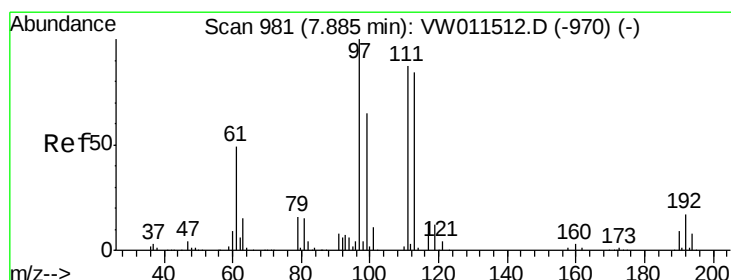
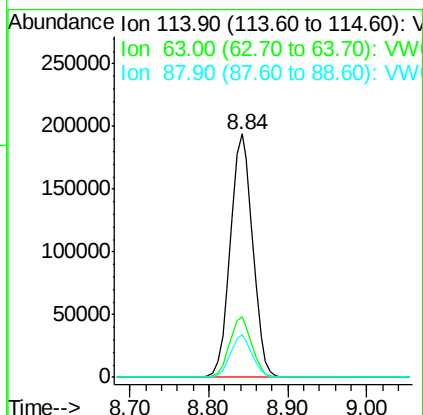
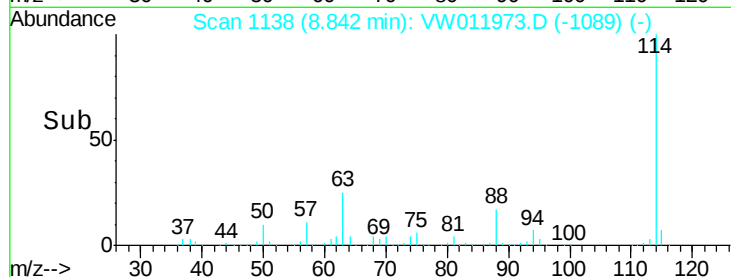
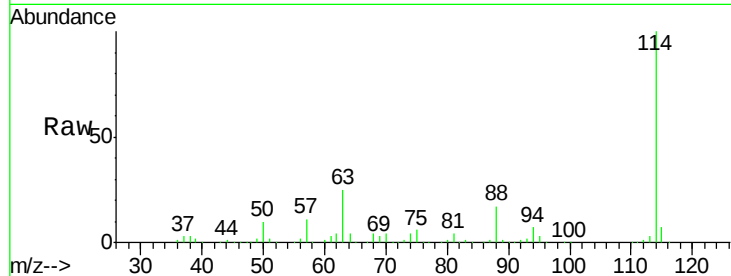




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011973.D
 Acq: 16 Aug 2019 18:43

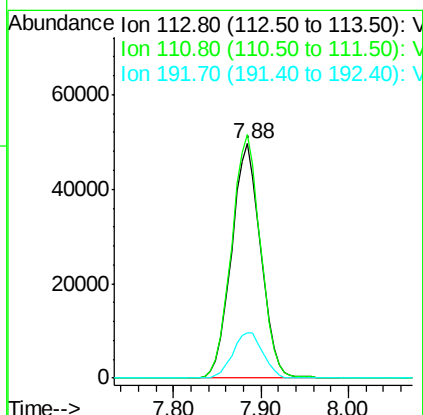
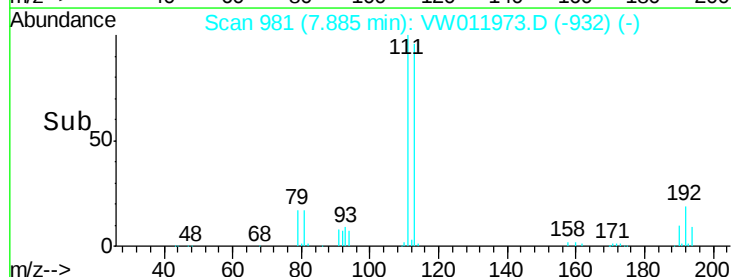
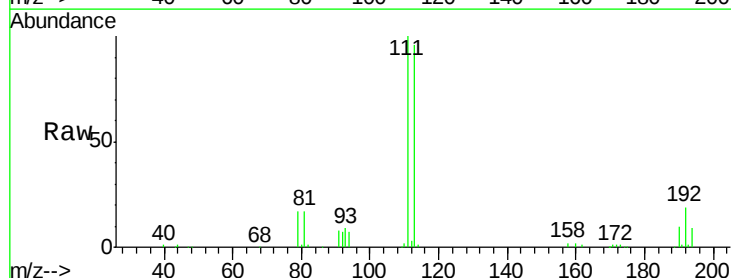
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-02_081319

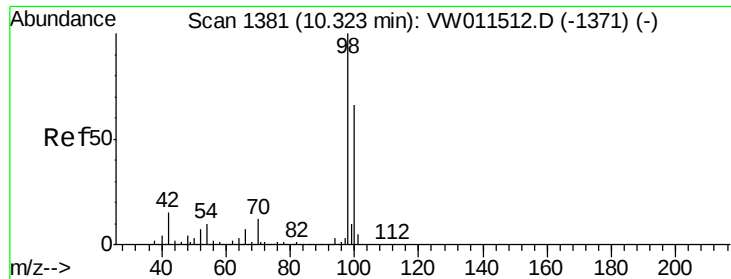
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	17.4	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 53.794 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011973.D
 Acq: 16 Aug 2019 18:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	20.2	16.1	24.1





#50

Toluene-d8

Concen: 53.453 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011973.D

Acq: 16 Aug 2019 18:43

Instrument :

MSVOA_W

ClientSampleId :

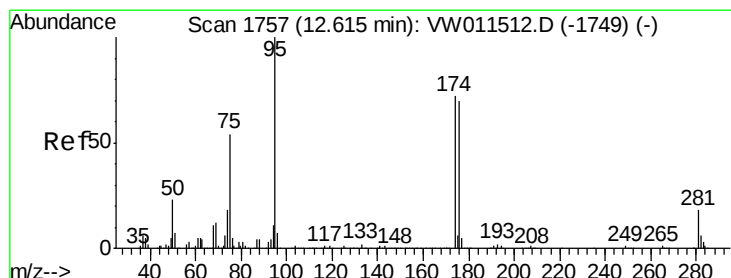
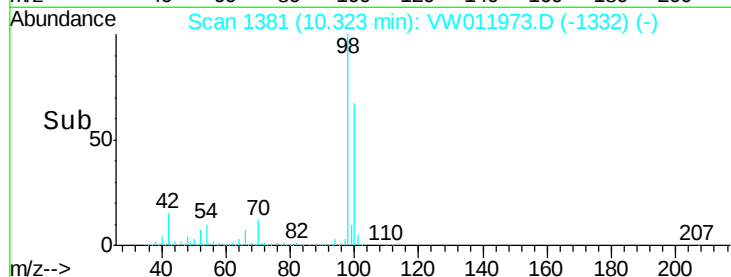
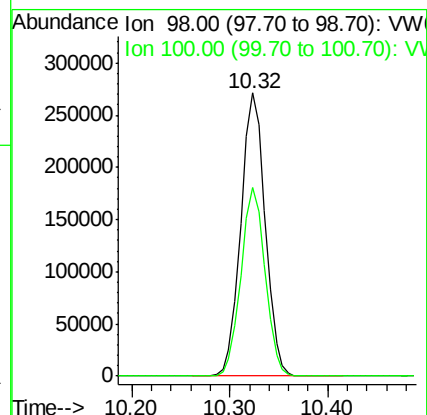
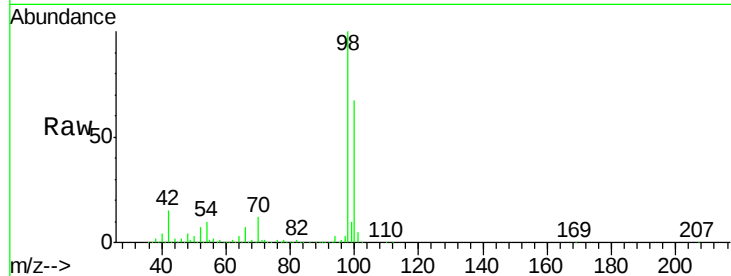
SP-02_081319

Tot Ion: 98 Resp: 468582

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 49.405 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011973.D

Acq: 16 Aug 2019 18:43

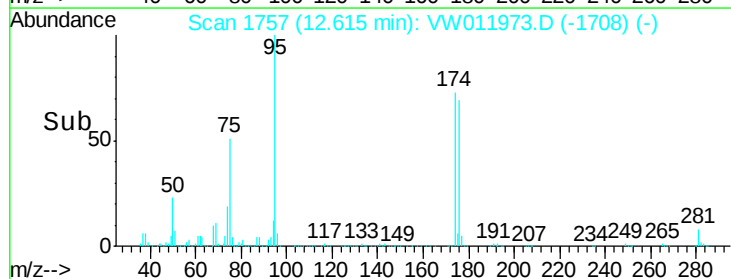
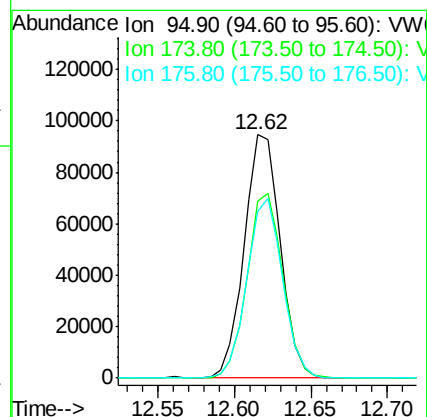
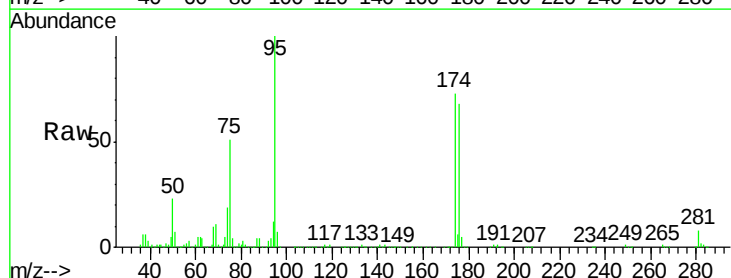
Tgt Ion: 95 Resp: 154408

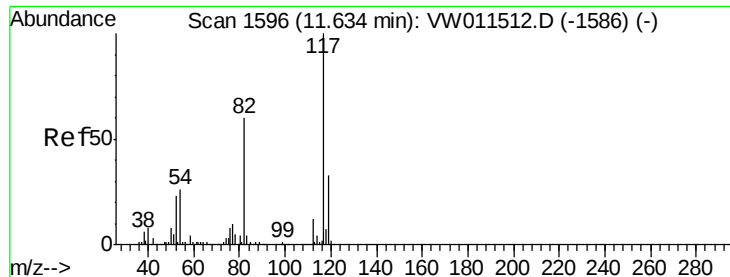
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

176 73.6 0.0 144.4

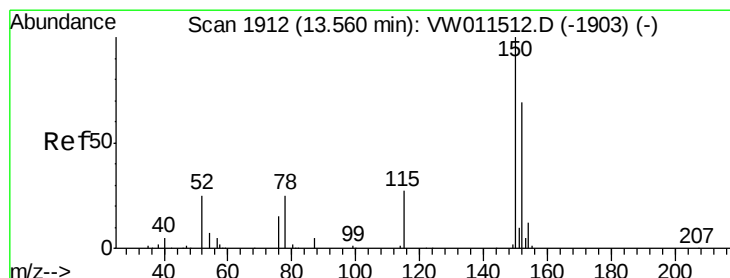
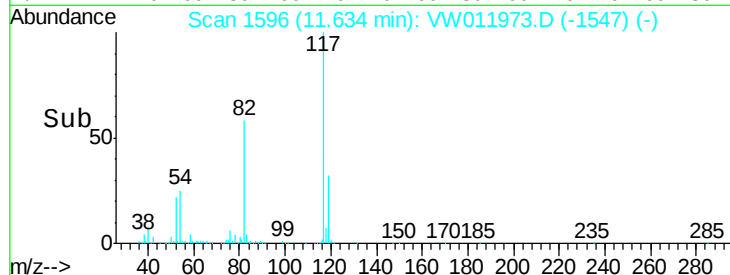
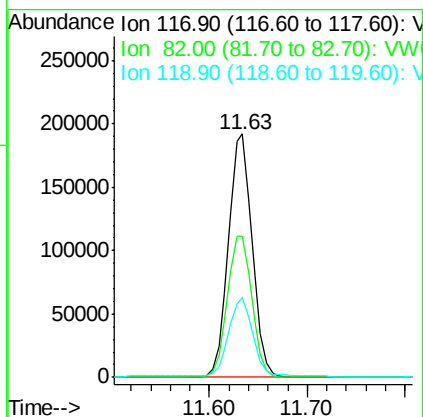
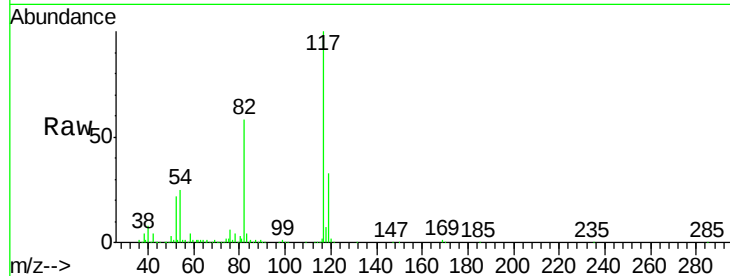




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011973.D
Acq: 16 Aug 2019 18:43

Instrument :
MSVOA_W
ClientSampleId :
SP-02_081319

Tot Ion:117 Resp: 322454
Ion Ratio Lower Upper
117 100
82 58.2 47.9 71.9
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011973.D
Acq: 16 Aug 2019 18:43

Tgt Ion:152 Resp: 135953
Ion Ratio Lower Upper
152 100
115 60.5 30.5 91.5
150 155.2 0.0 352.6

