

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052119\
 Data File : VW010497.D
 Acq On : 21 May 2019 19:38
 Operator : SY/VA
 Sample : K2971-05RE
 Misc : 6.73G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-5-052019RE

Quant Time: May 22 07:39:29 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	118120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	224238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	196362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83605	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	70700	57.99	ug/l	0.00
Spiked Amount						
			Recovery	=	115.98%	
35) Dibromofluoromethane	7.88	113	68016	49.99	ug/l	0.00
Spiked Amount						
			Recovery	=	99.98%	
50) Toluene-d8	10.32	98	275110	52.93	ug/l	0.00
Spiked Amount						
			Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.62	95	101033	48.80	ug/l	0.00
Spiked Amount						
			Recovery	=	97.60%	

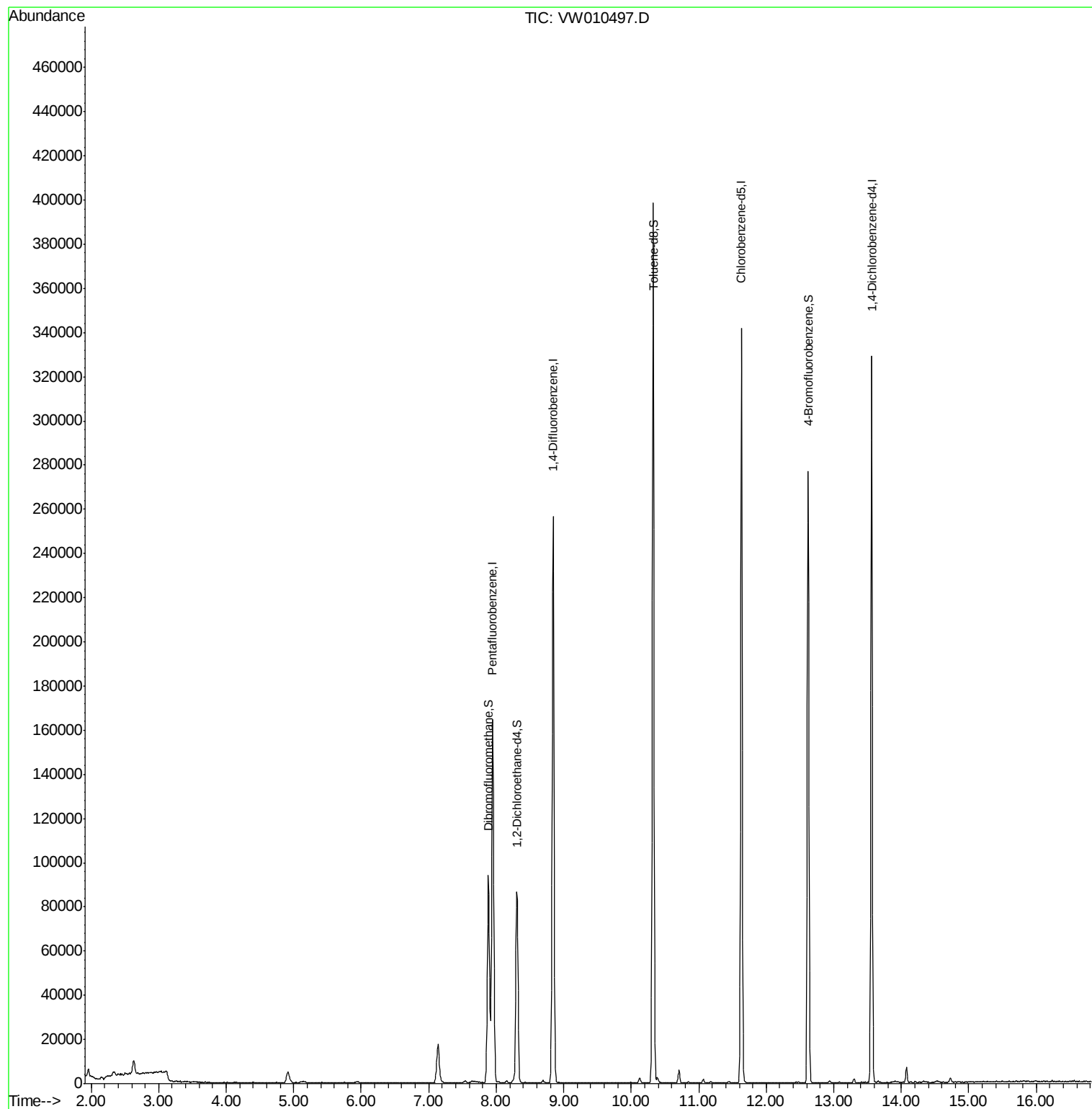
Target Compounds	Qvalue
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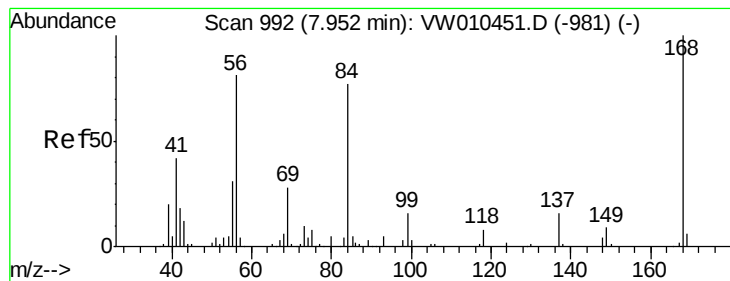
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010497.D

Acq: 21 May 2019 19:38

Instrument :

MSVOA_W

ClientSampleId :

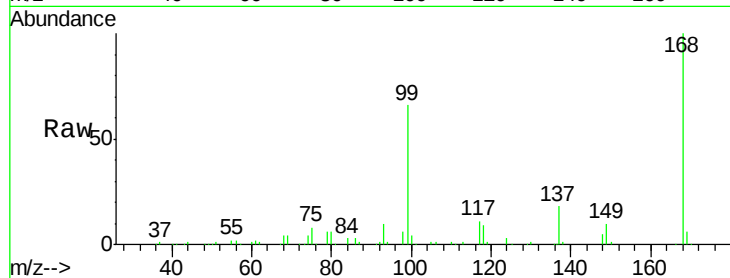
SUP-2A-G-5-052019RE

Tot Ion:168 Resp: 118120

Ion Ratio Lower Upper

168 100

99 65.7 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

60000

50000

40000

30000

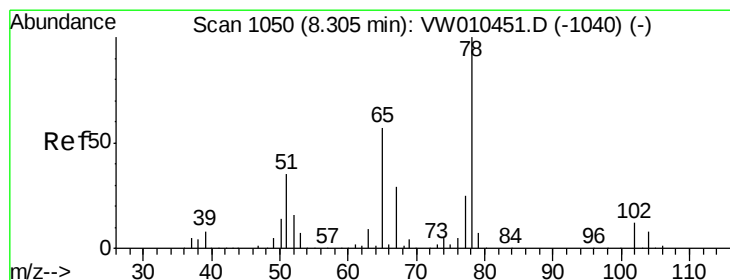
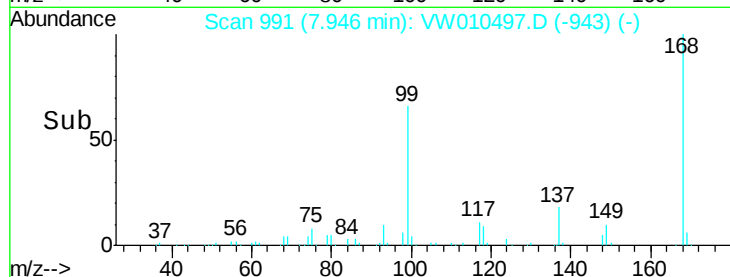
20000

10000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.989 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010497.D

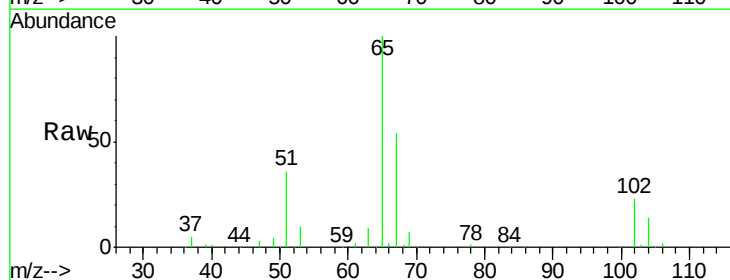
Acq: 21 May 2019 19:38

Tgt Ion: 65 Resp: 70700

Ion Ratio Lower Upper

65 100

67 51.8 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

30000

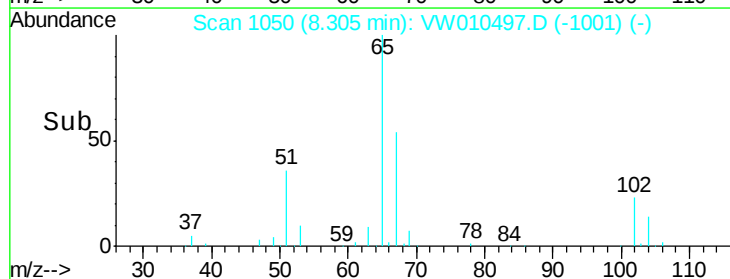
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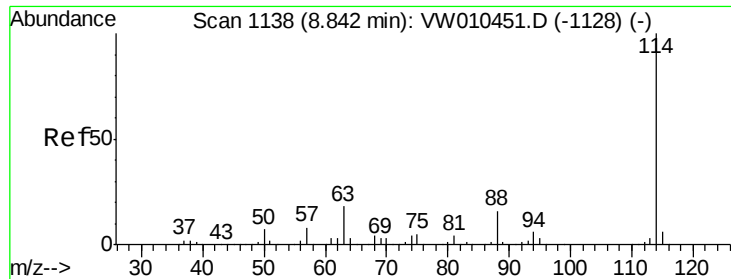
10000

0

Time-->

8.20 8.30 8.40

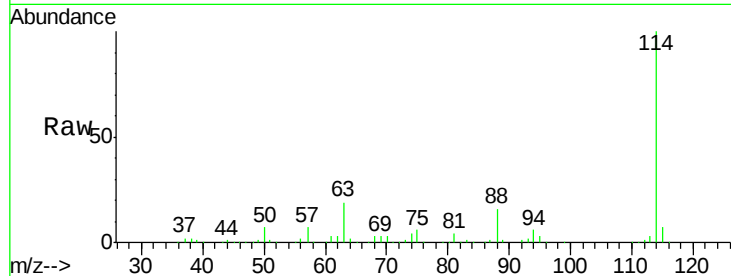




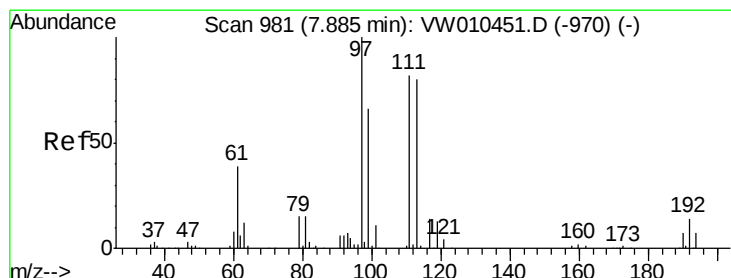
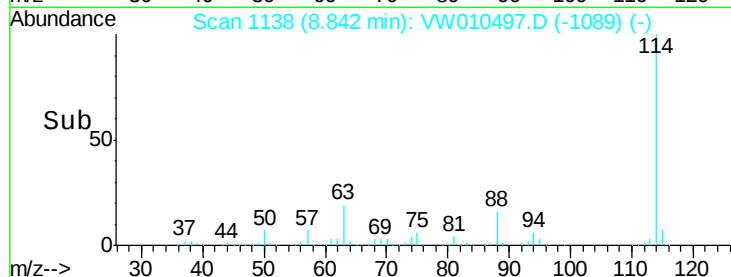
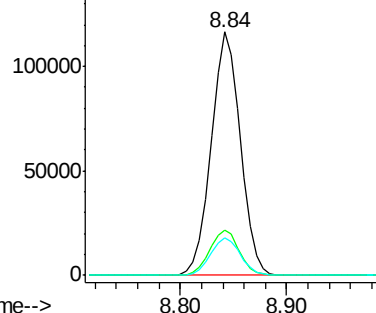
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW010497.D
Acq: 21 May 2019 19:38

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-5-052019RE

Tot Ion:114 Resp: 224238
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.0
88 15.6 0.0 32.0

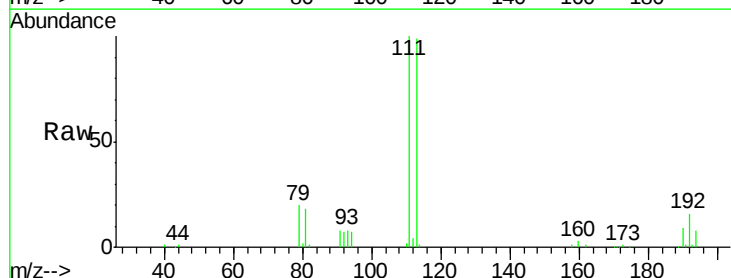


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

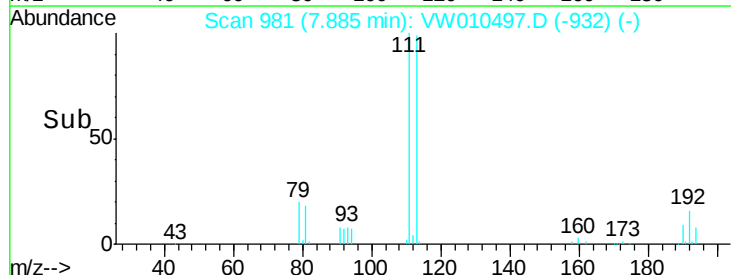
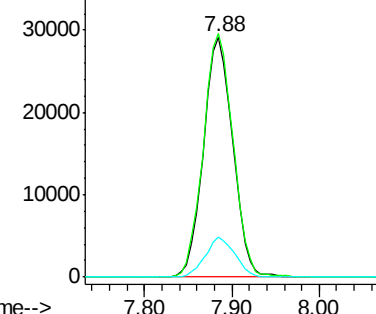


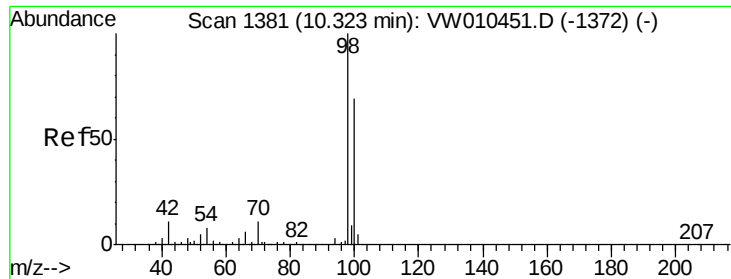
#35
Dibromofluoromethane
Concen: 49.989 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW010497.D
Acq: 21 May 2019 19:38

Tgt Ion:113 Resp: 68016
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 16.7 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: 52.927 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010497.D

Acq: 21 May 2019 19:38

Instrument :

MSVOA_W

ClientSampleId :

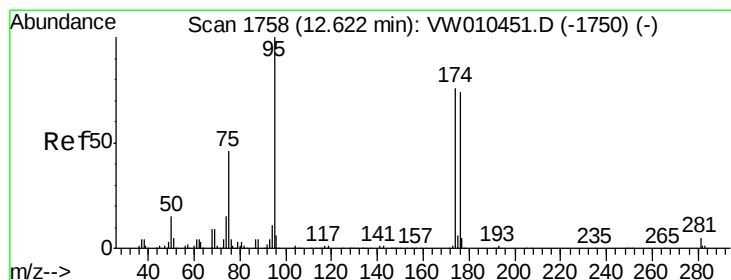
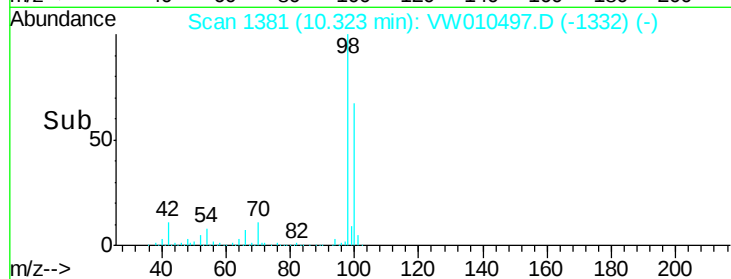
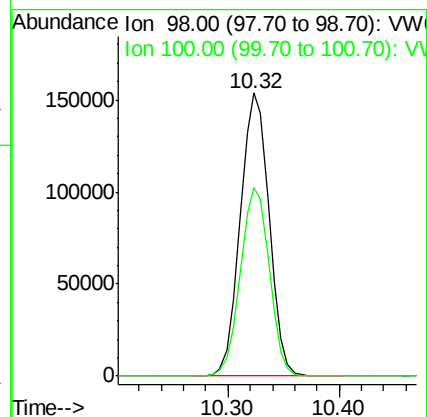
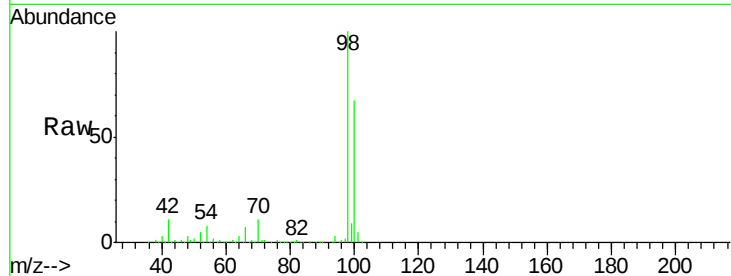
SUP-2A-G-5-052019RE

Tot Ion: 98 Resp: 275110

Ion Ratio Lower Upper

98 100

100 66.9 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 48.798 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010497.D

Acq: 21 May 2019 19:38

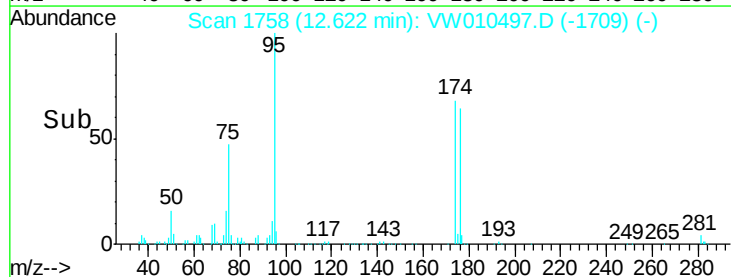
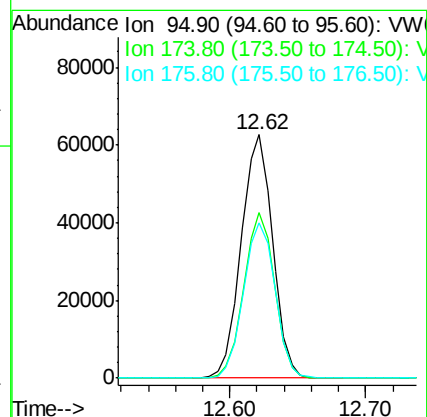
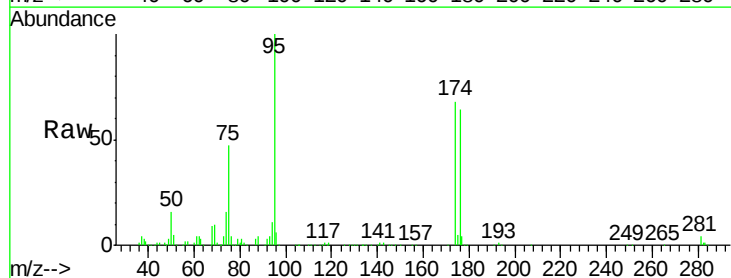
Tgt Ion: 95 Resp: 101033

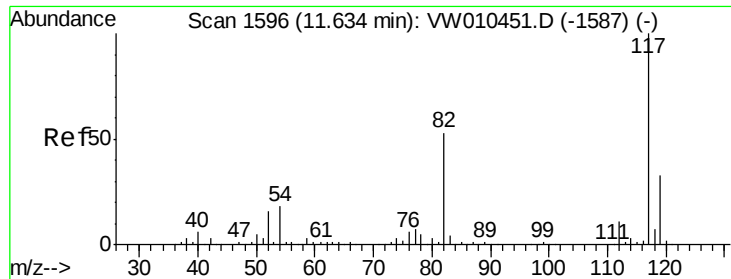
Ion Ratio Lower Upper

95 100

174 66.8 0.0 148.6

176 64.5 0.0 144.2

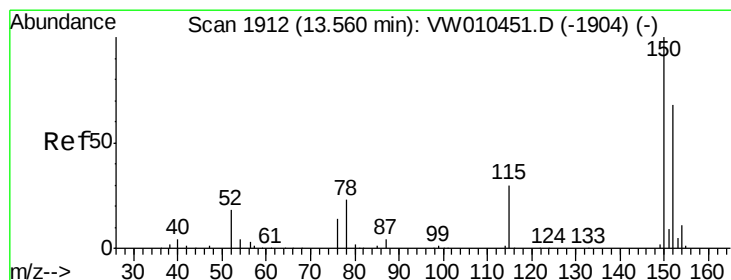
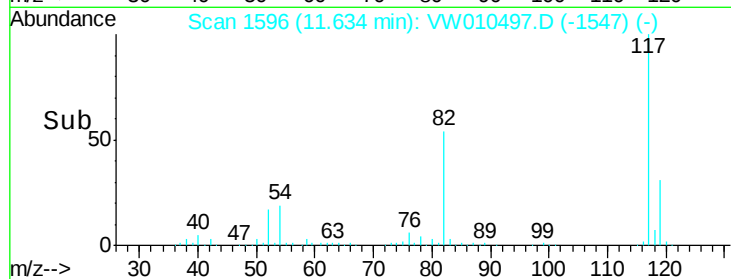
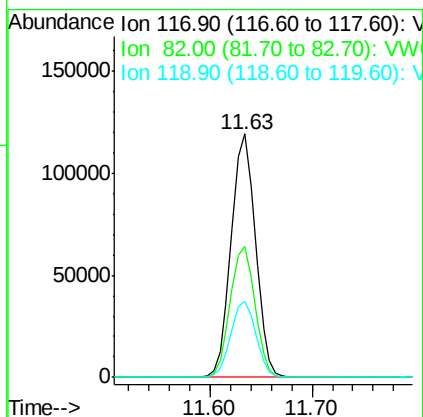
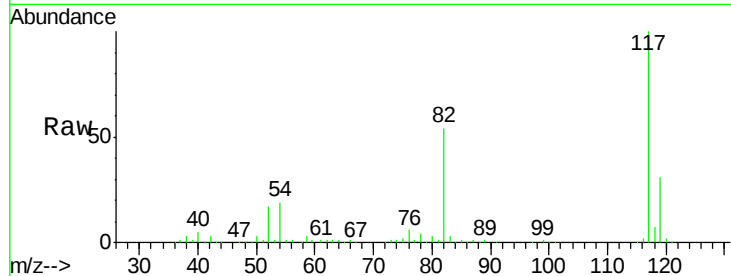




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010497.D
Acq: 21 May 2019 19:38

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-5-052019RE

Tot Ion:117 Resp: 196362
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 31.1 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: VW010497.D
Acq: 21 May 2019 19:38

Tgt Ion:152 Resp: 83605
Ion Ratio Lower Upper
152 100
115 65.4 30.3 91.0
150 160.0 0.0 349.8

