

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016426.D
 Acq On : 31 Aug 2020 21:28
 Operator : SY/VA
 Sample : L3848-20
 Misc : 3.06G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LINDEN-BH-03-B

Quant Time: Sep 01 04:21:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	228941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	208579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95908	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	75749	57.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.30%	
35) Dibromofluoromethane	7.89	113	73678	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.33	98	275383	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.62	95	99809	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

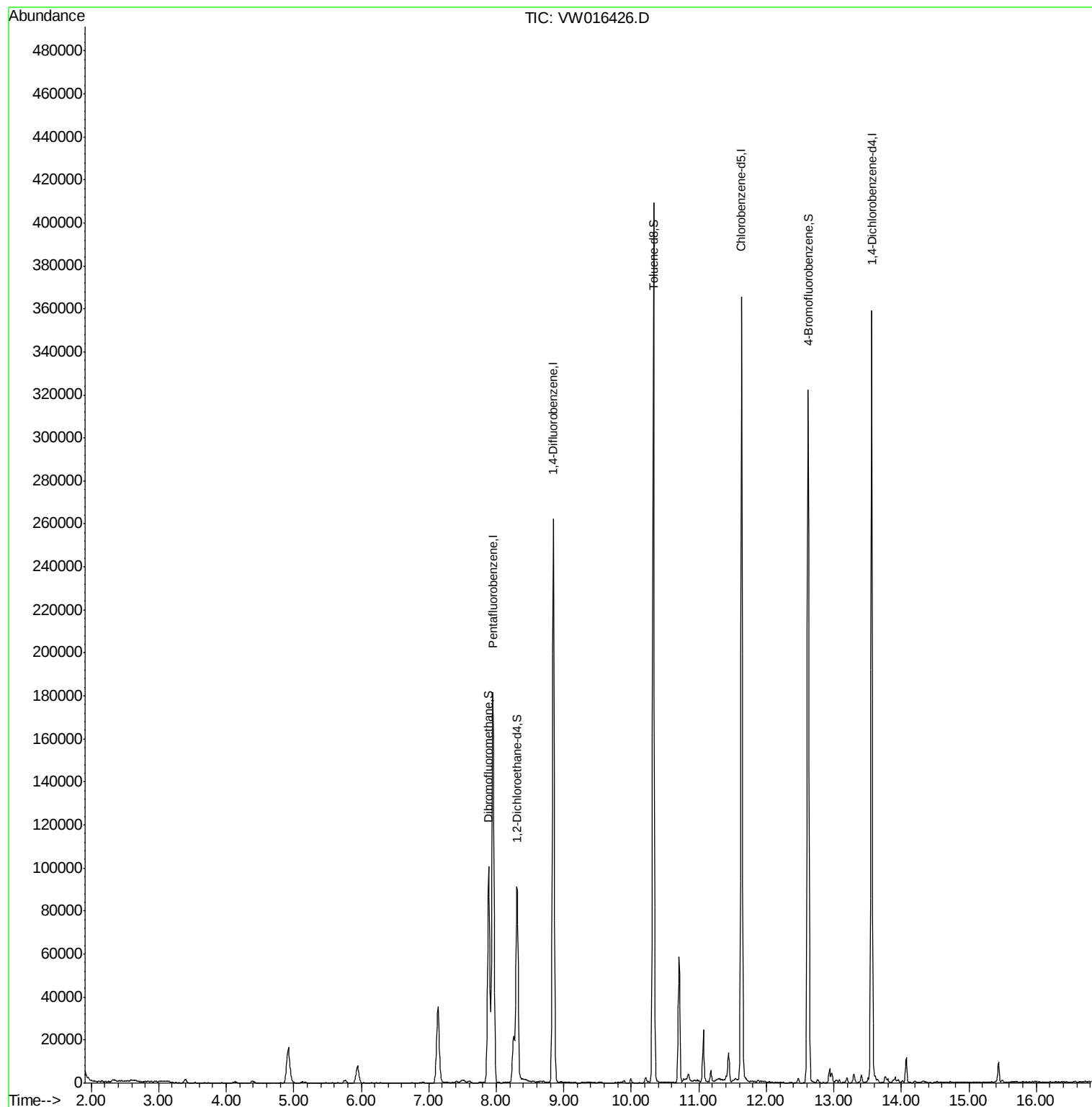
Target Compounds	Qvalue

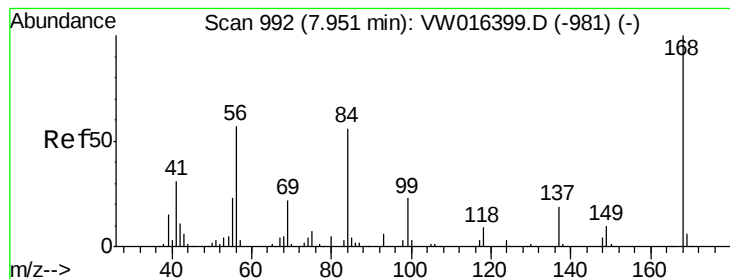
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 28 15:01:43 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016426.D

Acq: 31 Aug 2020 21:28

Instrument :

MSVOA_W

ClientSampleId :

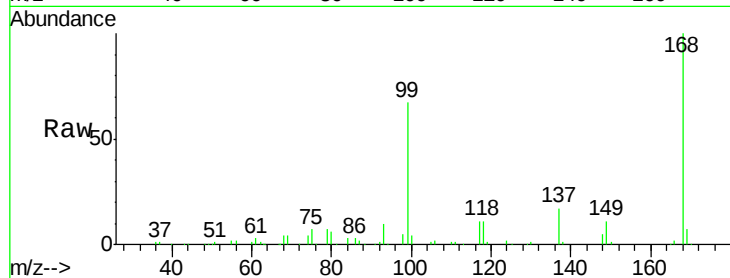
LINDEN-BH-03-B

Tot Ion:168 Resp: 132410

Ion Ratio Lower Upper

168 100

99 67.3 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

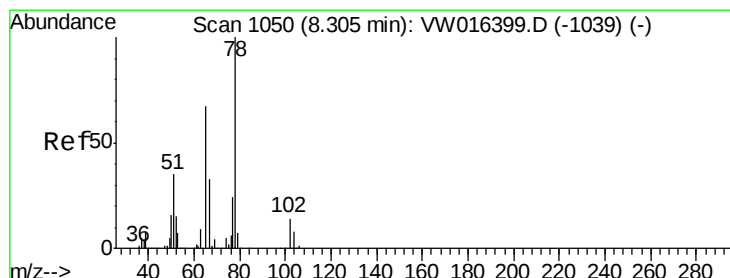
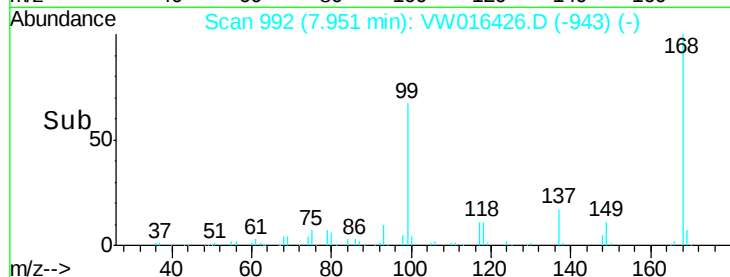
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.148 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW016426.D

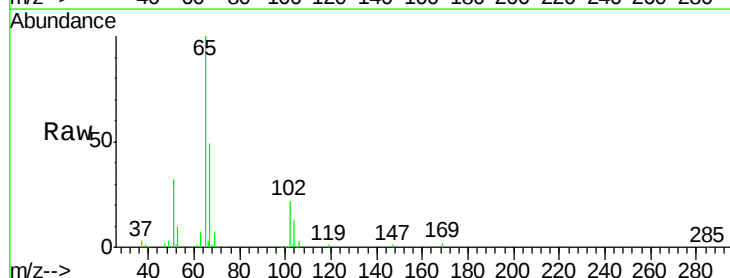
Acq: 31 Aug 2020 21:28

Tgt Ion: 65 Resp: 75749

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

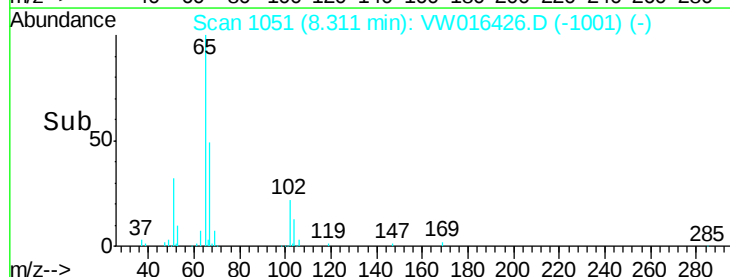
30000

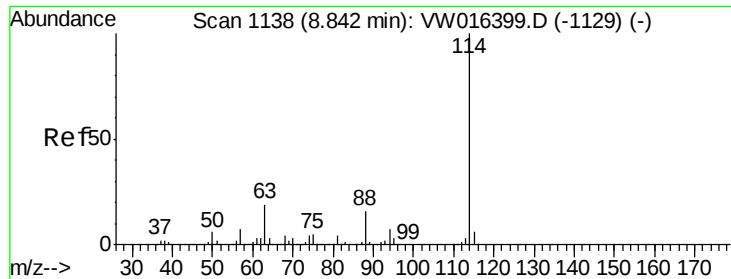
20000

10000

0

Time--> 8.20 8.30 8.40

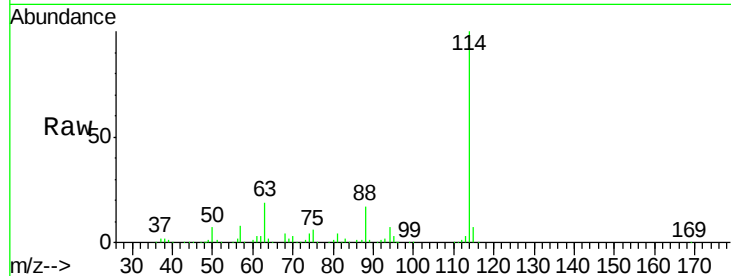




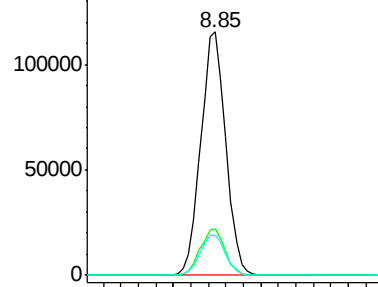
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW016426.D
 Acq: 31 Aug 2020 21:28

Instrument :
 MSVOA_W
 ClientSampleId :
 LINDEN-BH-03-B

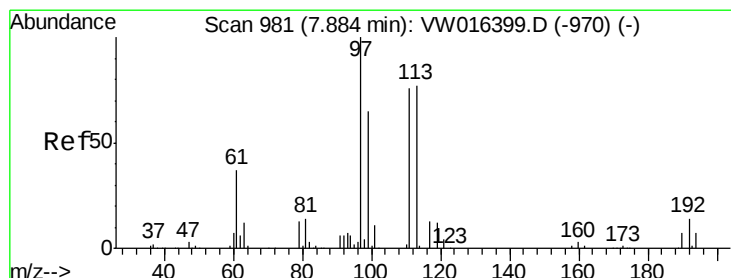
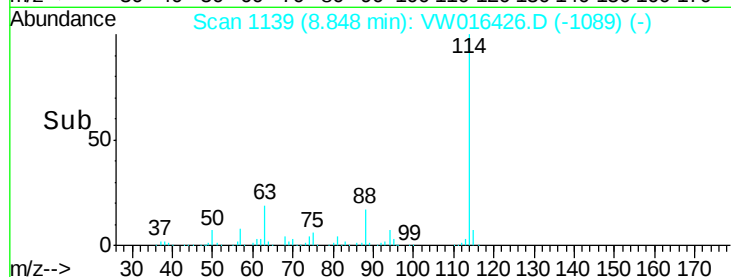
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.8
88	16.6	0.0	31.2



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

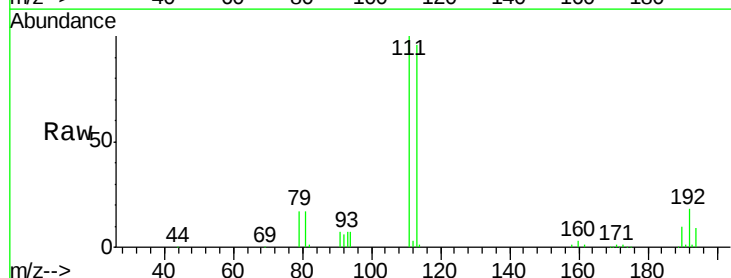


Time-->

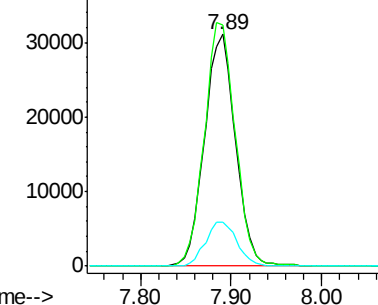


#35
 Dibromofluoromethane
 Concen: 50.843 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW016426.D
 Acq: 31 Aug 2020 21:28

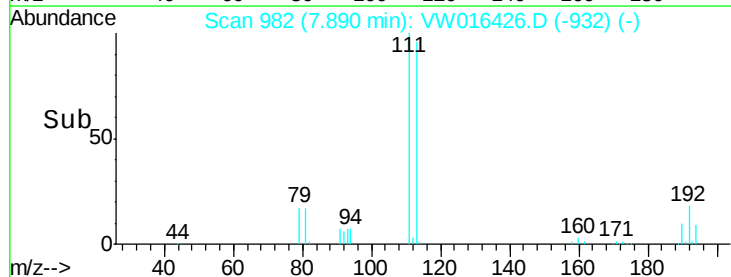
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.1	123.1
192	19.2	15.5	23.3

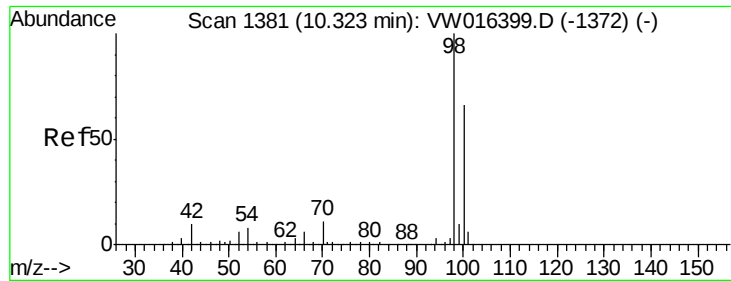


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#50

Toluene-d8

Concen: 50.748 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016426.D

Acq: 31 Aug 2020 21:28

Instrument :

MSVOA_W

ClientSampleId :

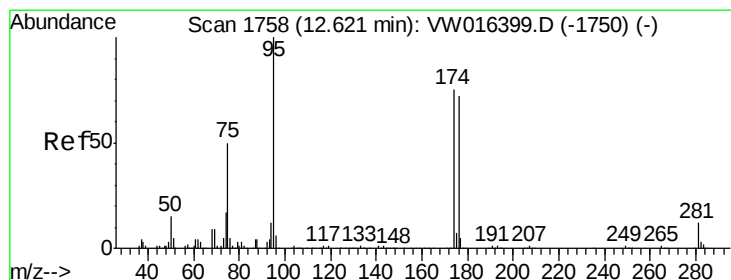
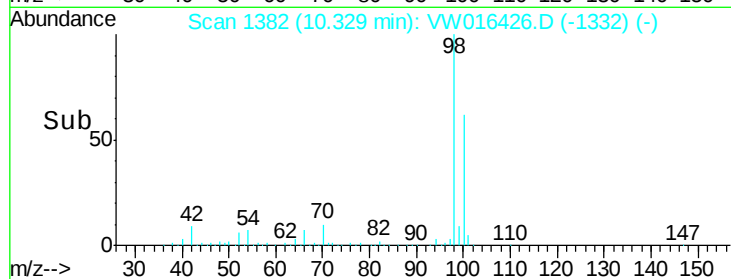
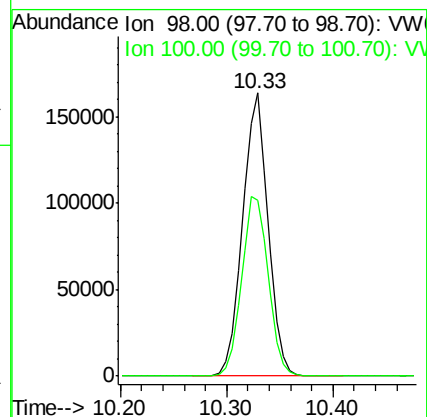
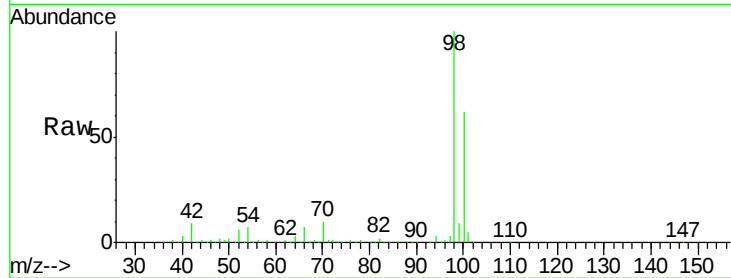
LINDEN-BH-03-B

Tot Ion: 98 Resp: 275383

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.049 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016426.D

Acq: 31 Aug 2020 21:28

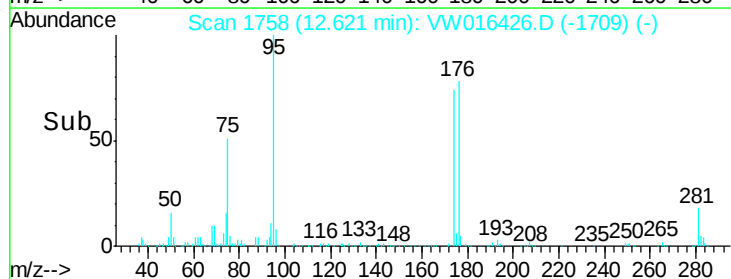
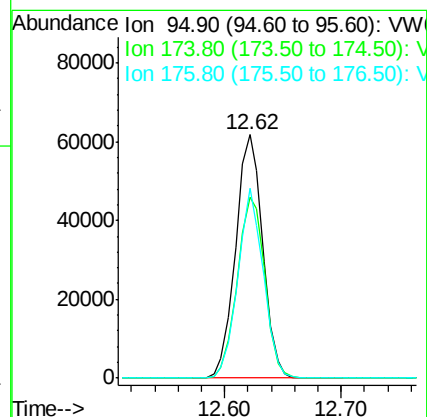
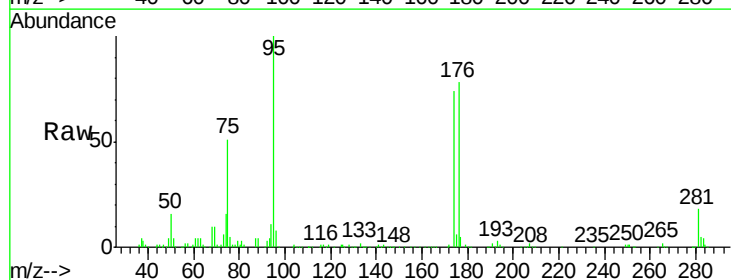
Tgt Ion: 95 Resp: 99809

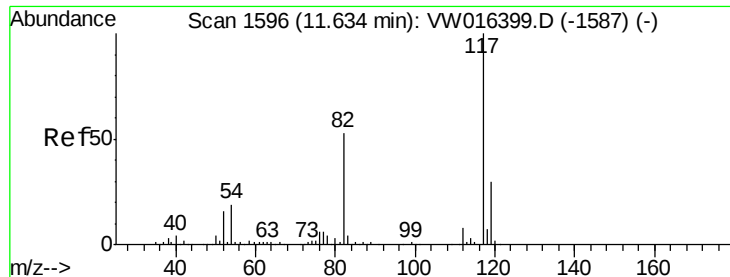
Ion Ratio Lower Upper

95 100

174 75.8 0.0 152.0

176 73.8 0.0 145.6

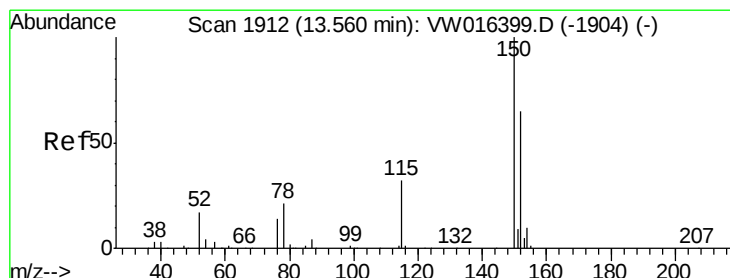
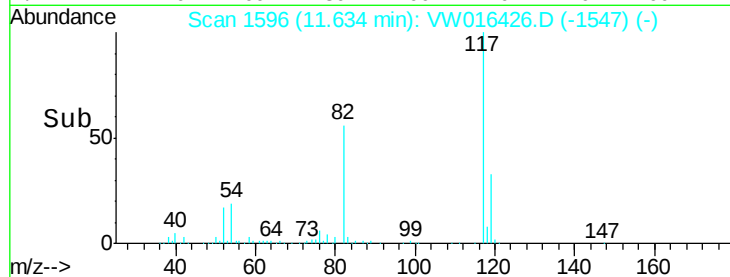
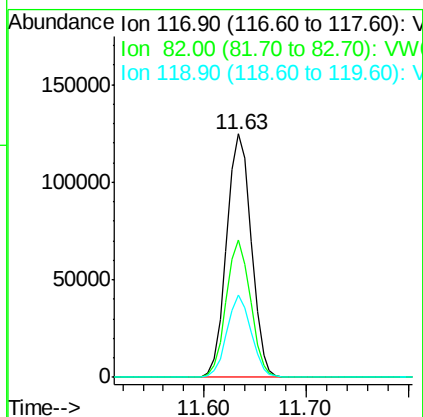
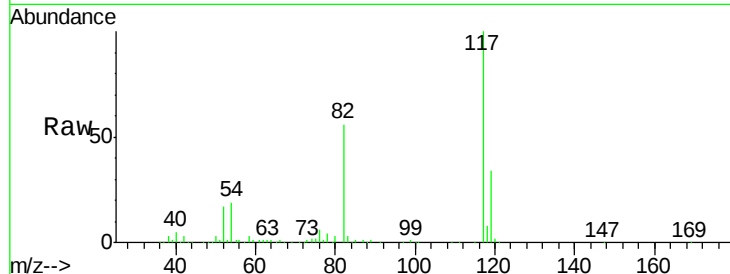




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016426.D
Acq: 31 Aug 2020 21:28

Instrument :
MSVOA_W
ClientSampleId :
LINDEN-BH-03-B

Tot Ion:117 Resp: 208579
Ion Ratio Lower Upper
117 100
82 56.3 42.2 63.4
119 33.5 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016426.D
Acq: 31 Aug 2020 21:28

Tgt Ion:152 Resp: 95908
Ion Ratio Lower Upper
152 100
115 62.9 30.9 92.5
150 155.9 0.0 351.0

