

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016410.D
 Acq On : 31 Aug 2020 14:42
 Operator : SY/VA
 Sample : L3847-14
 Misc : 4.03G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LINDEN-JOP-BH-10-A

Quant Time: Sep 01 03:23:09 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	150768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	250780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	226312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	101189	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	77286	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	7.89	113	79054	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	10.33	98	296551	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.62	95	103034	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	

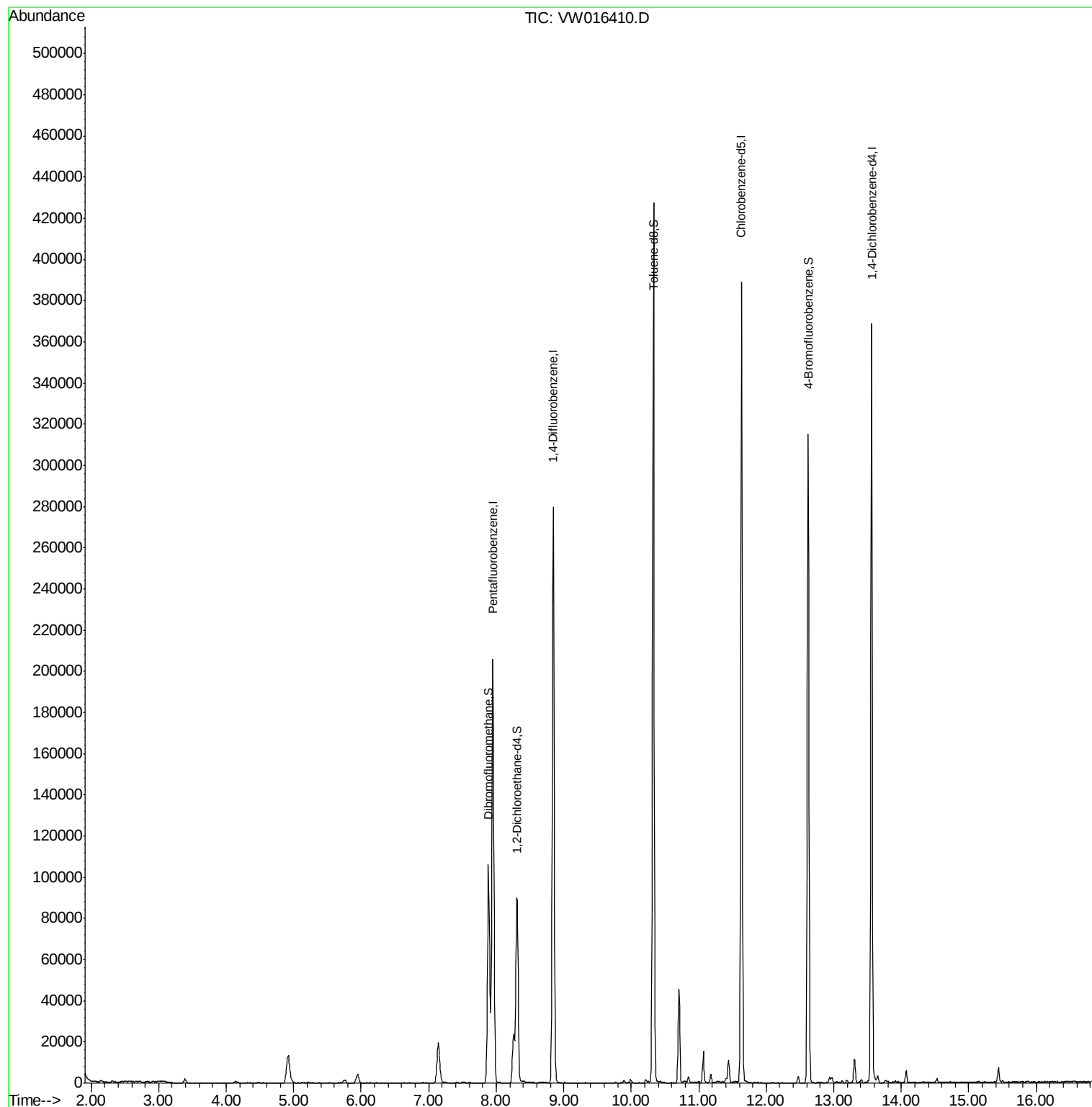
Target Compounds	Qvalue
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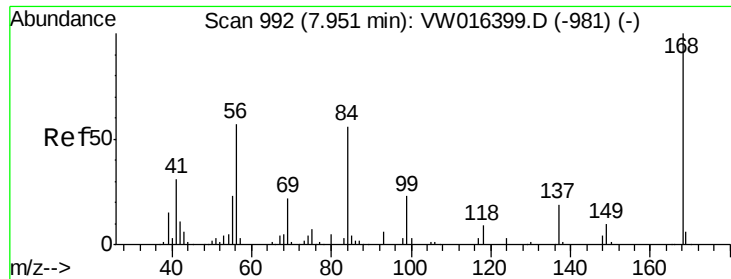
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083120\
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QLast Update : Fri Aug 28 15:01:43 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016410.D

Acq: 31 Aug 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

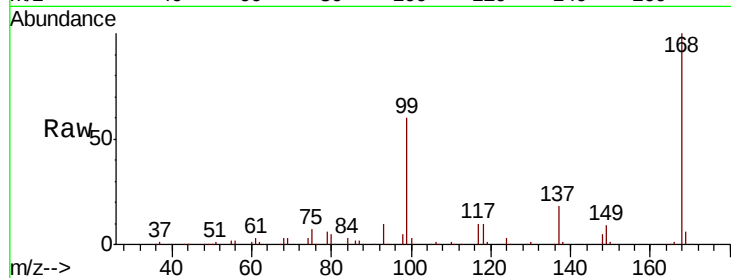
LINDEN-JOP-BH-10-A

Tot Ion:168 Resp: 150768

Ion Ratio Lower Upper

168 100

99 59.7 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

80000

60000

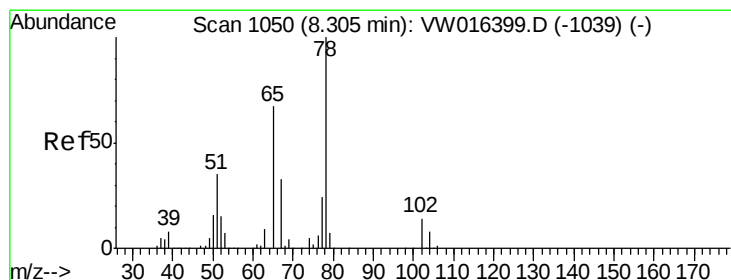
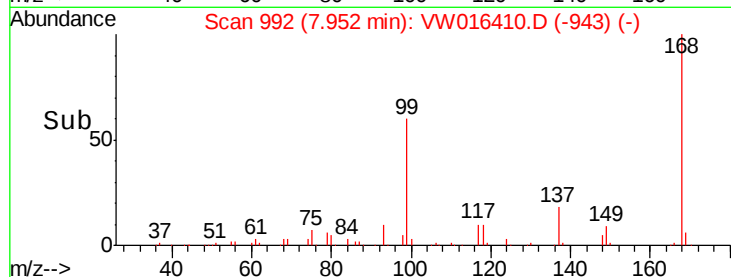
40000

20000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.208 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW016410.D

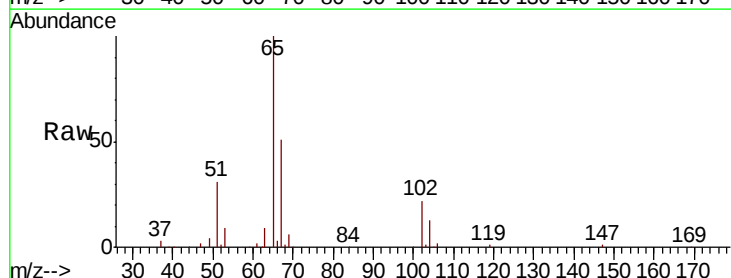
Acq: 31 Aug 2020 14:42

Tgt Ion: 65 Resp: 77286

Ion Ratio Lower Upper

65 100

67 49.8 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

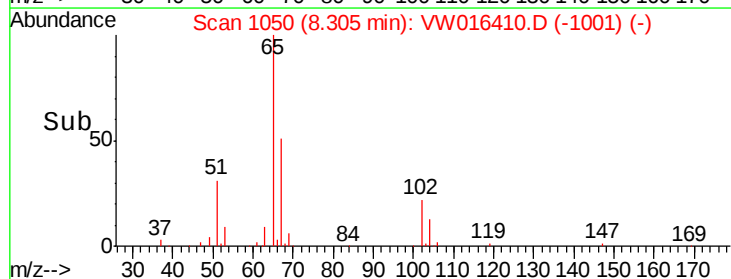
20000

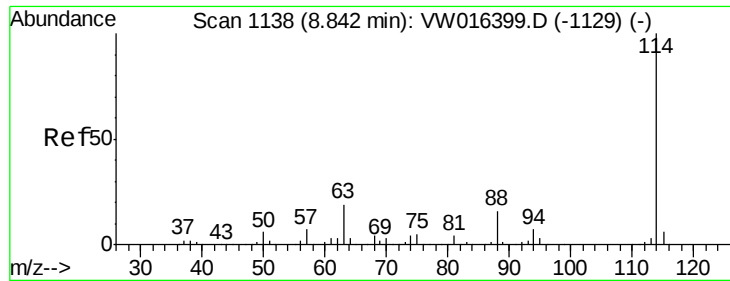
10000

0

8.20 8.30 8.40

Time-->

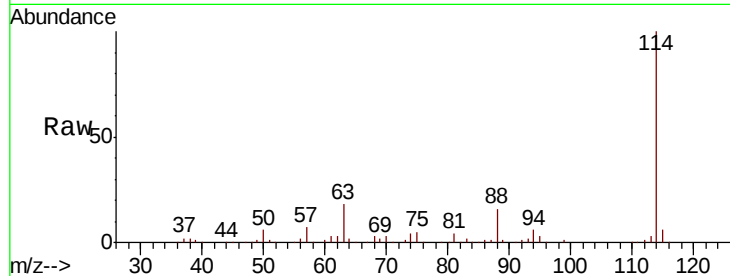




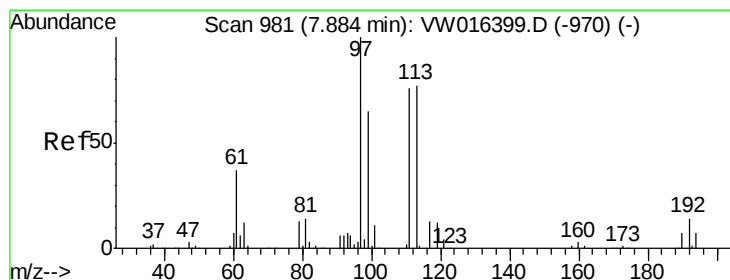
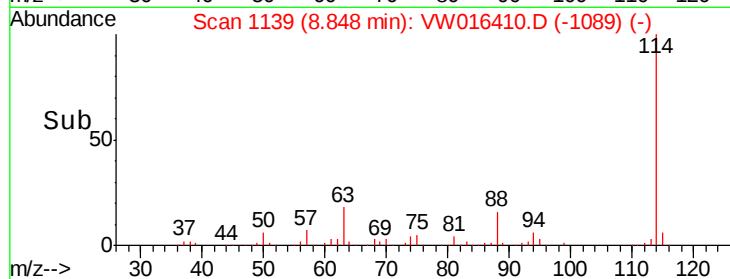
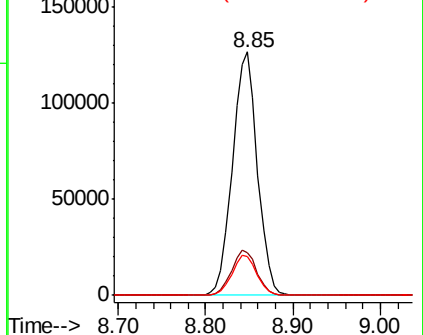
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW016410.D
 Acq: 31 Aug 2020 14:42

Instrument :
 MSVOA_W
 ClientSampleId :
 LINDEN-JOP-BH-10-A

Tot Ion:114 Resp: 250780
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 37.8
 88 15.9 0.0 31.2

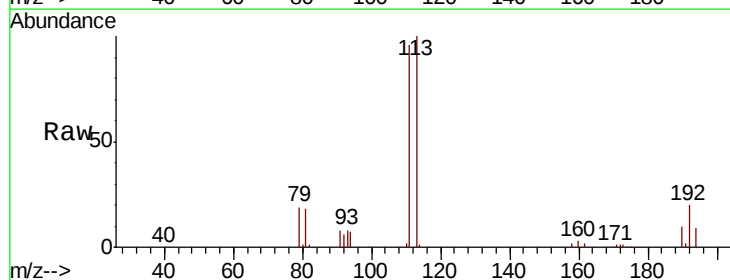


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

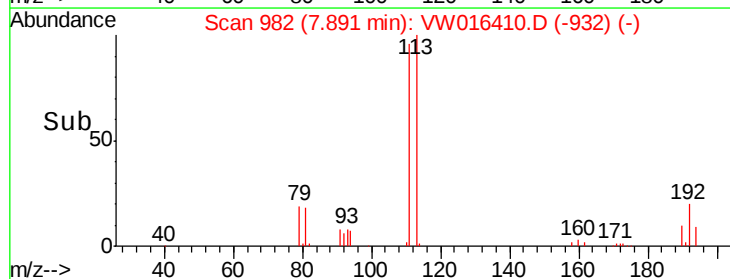
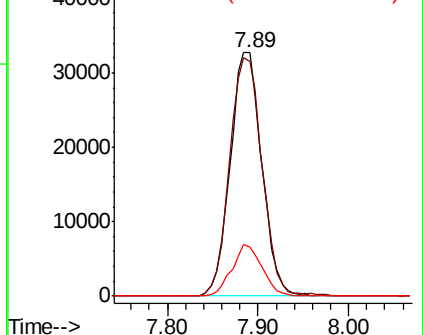


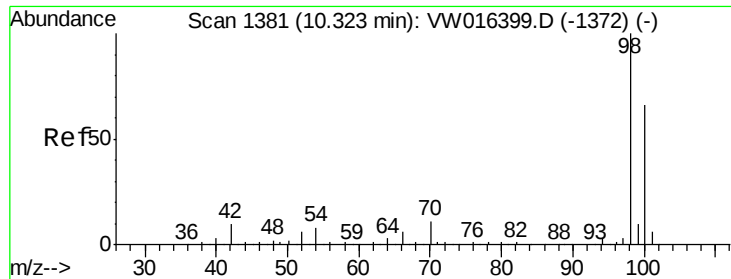
#35
 Dibromofluoromethane
 Concen: 49.802 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW016410.D
 Acq: 31 Aug 2020 14:42

Tgt Ion:113 Resp: 79054
 Ion Ratio Lower Upper
 113 100
 111 100.3 82.1 123.1
 192 20.0 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





#50

Toluene-d8

Concen: 49.890 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016410.D

Acq: 31 Aug 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

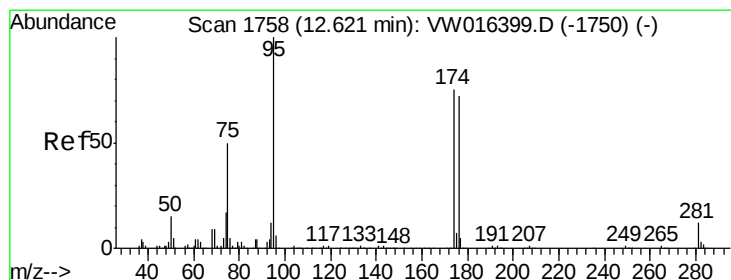
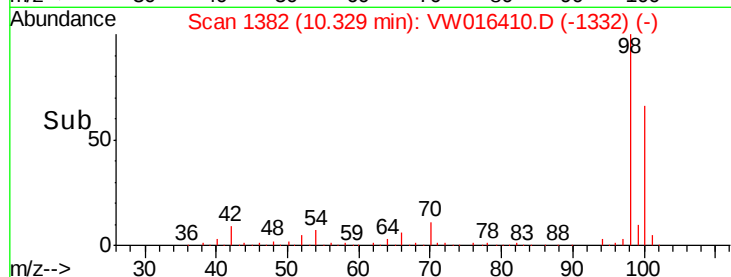
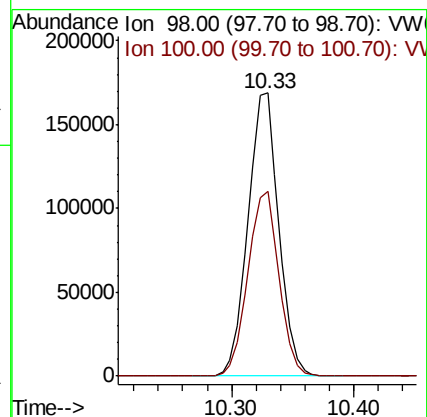
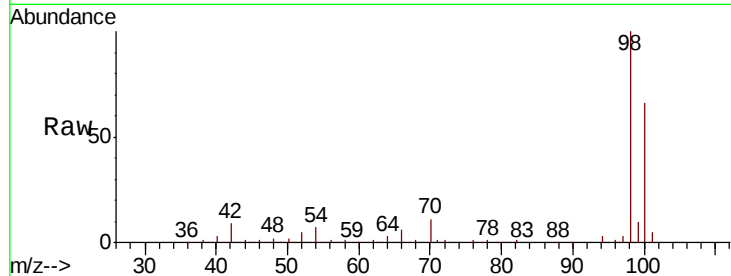
LINDEN-JOP-BH-10-A

Tot Ion: 98 Resp: 296551

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 46.225 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016410.D

Acq: 31 Aug 2020 14:42

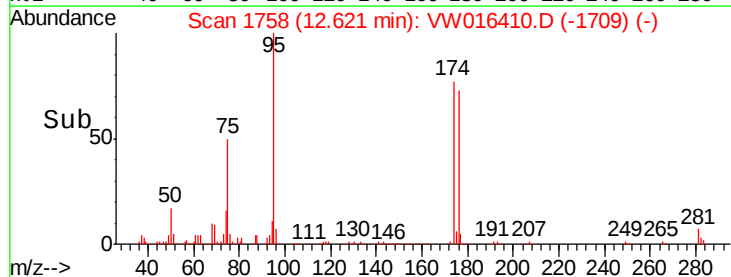
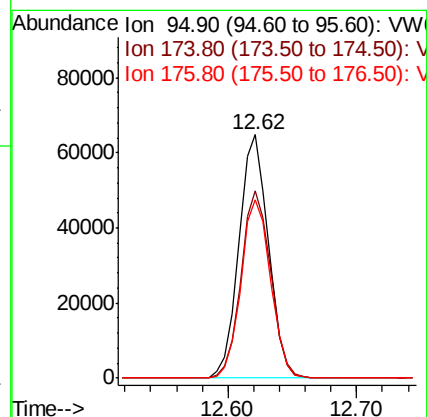
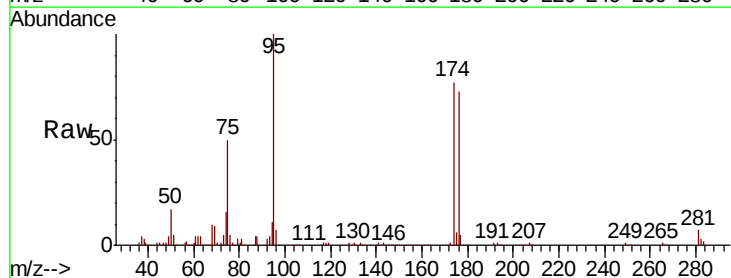
Tgt Ion: 95 Resp: 103034

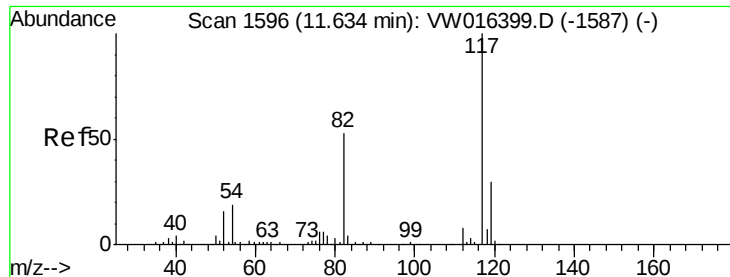
Ion Ratio Lower Upper

95 100

174 77.3 0.0 152.0

176 73.4 0.0 145.6

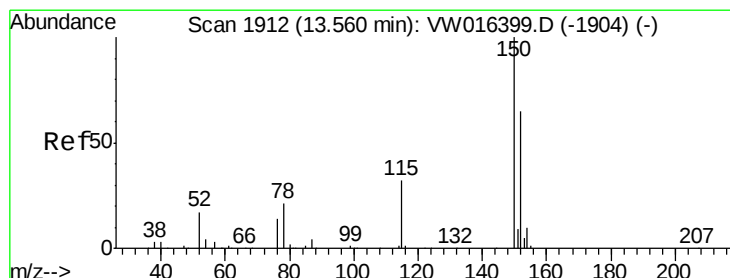
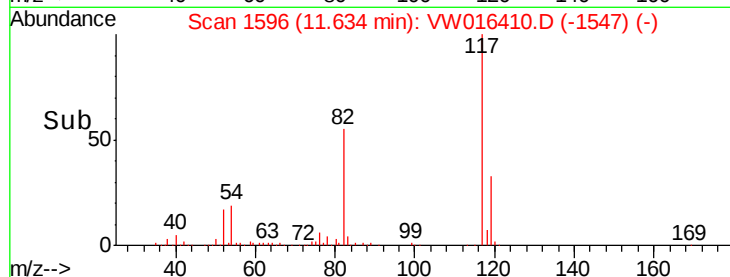
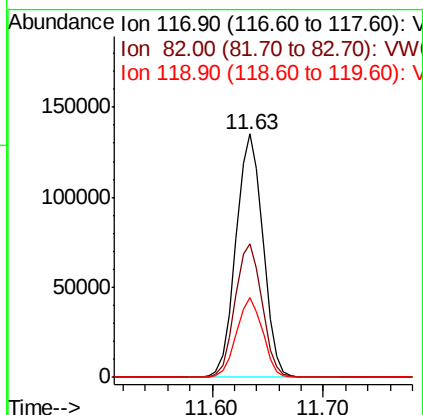
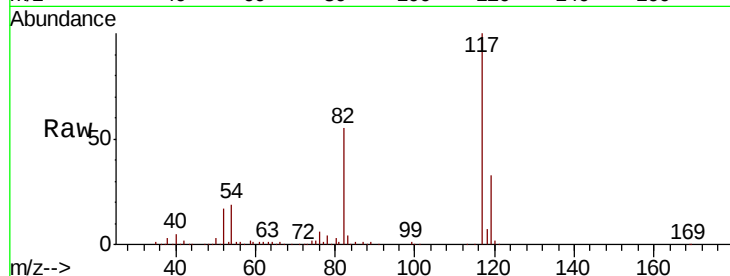




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016410.D
Acq: 31 Aug 2020 14:42

Instrument :
MSVOA_W
ClientSampleId :
LINDEN-JOP-BH-10-A

Tot Ion:117 Resp: 226312
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.7 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: VW016410.D
Acq: 31 Aug 2020 14:42

Tgt Ion:152 Resp: 101189
Ion Ratio Lower Upper
152 100
115 61.8 30.9 92.5
150 156.8 0.0 351.0

