

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016197.D
 Acq On : 14 Aug 2020 17:26
 Operator : SY/VA
 Sample : L3625-01
 Misc : 5.13G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PN-SP

Quant Time: Aug 17 08:54:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	386500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171049	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	132156	60.29	ug/l	0.00
Spiked Amount			Recovery	=	120.58%	
35) Dibromofluoromethane	7.88	113	126842	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
50) Toluene-d8	10.32	98	501481	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.62	95	190906	54.54	ug/l	0.00
Spiked Amount			Recovery	=	109.08%	

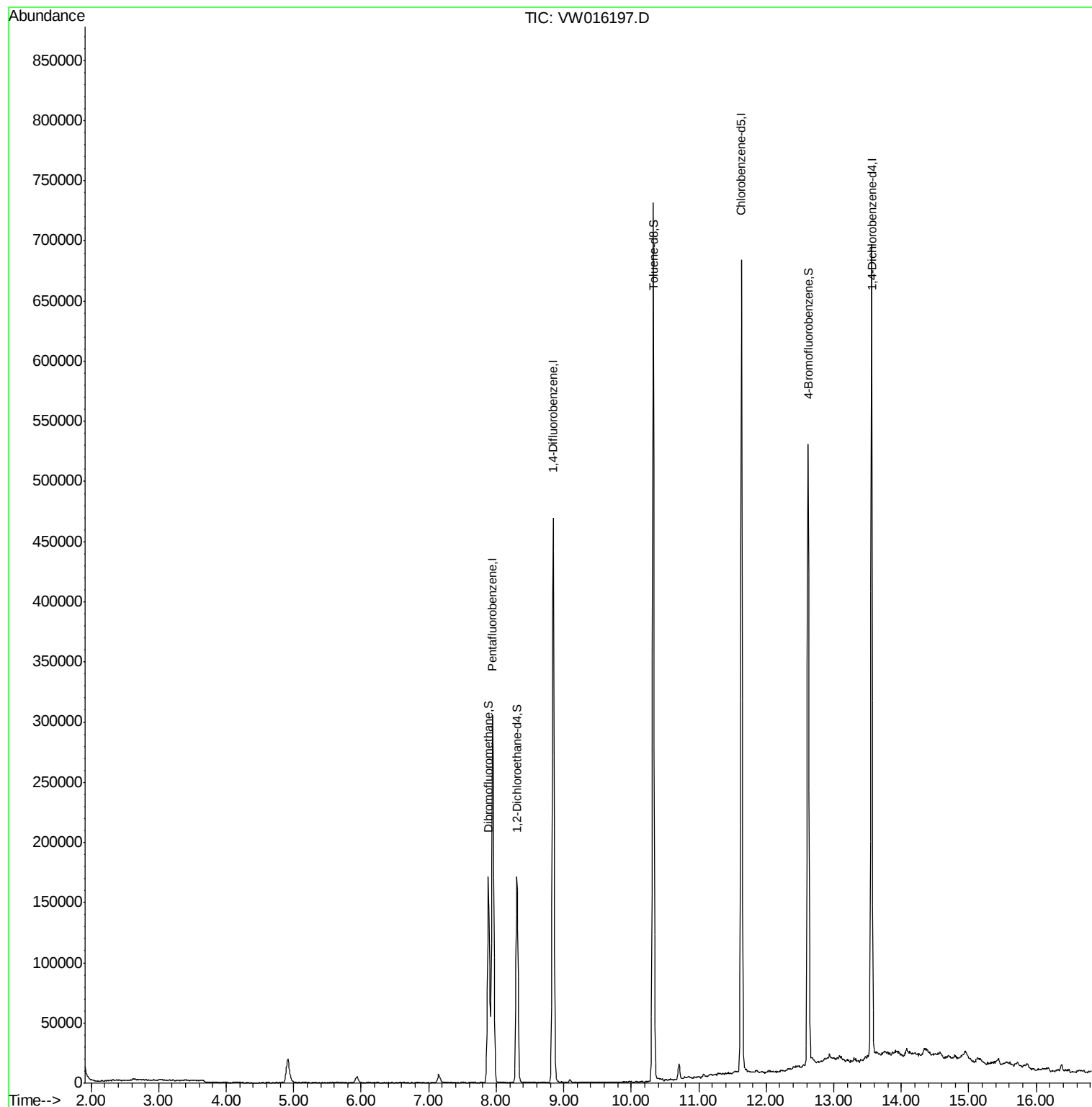
Target Compounds	Qvalue
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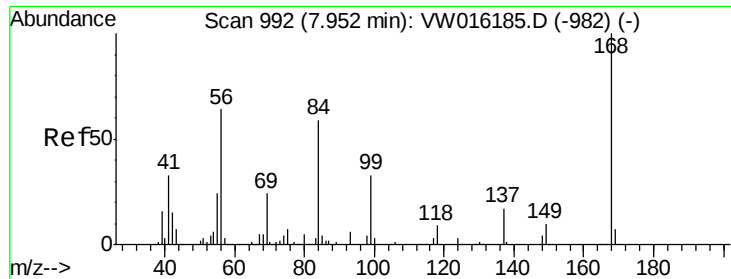
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081420\
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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: VW016197.D

Acq: 14 Aug 2020 17:26

Instrument :

MSVOA_W

ClientSampleId :

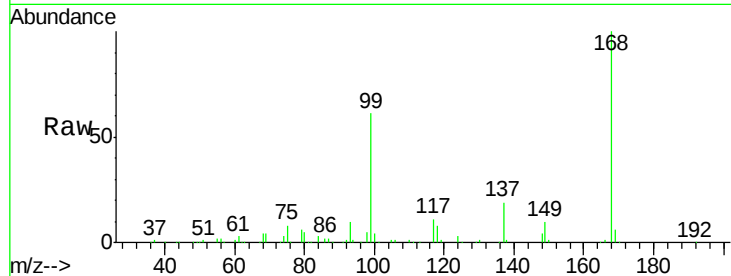
PN-SP

Tot Ion:168 Resp: 224769

Ion Ratio Lower Upper

168 100

99 60.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

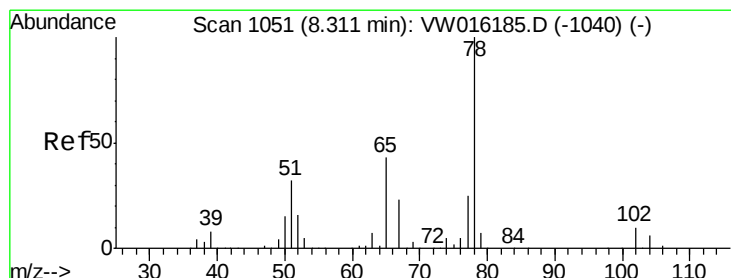
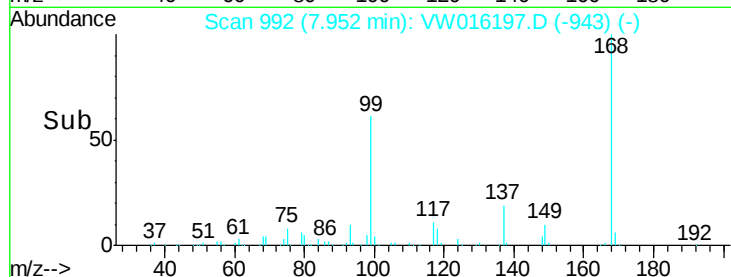
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 60.292 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016197.D

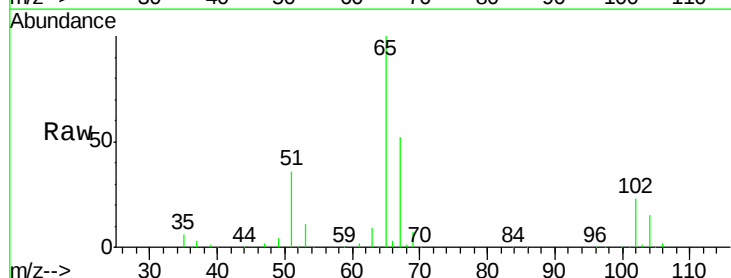
Acq: 14 Aug 2020 17:26

Tgt Ion: 65 Resp: 132156

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

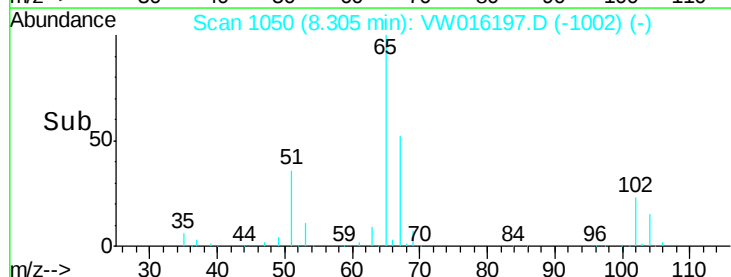
60000

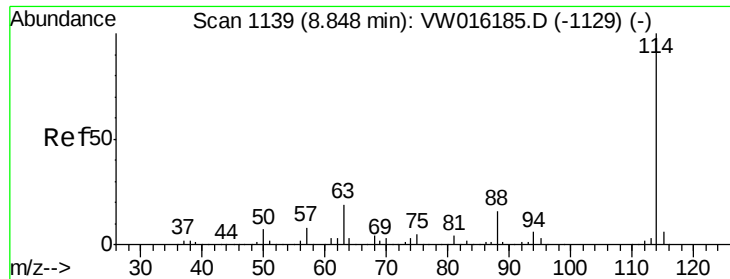
40000

20000

0

Time--> 8.20 8.30 8.40

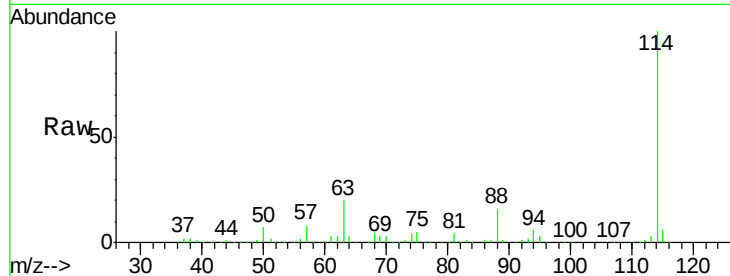




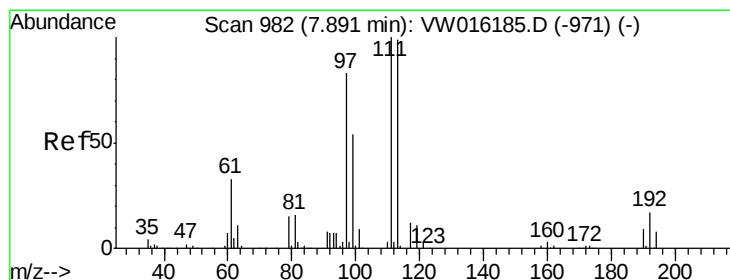
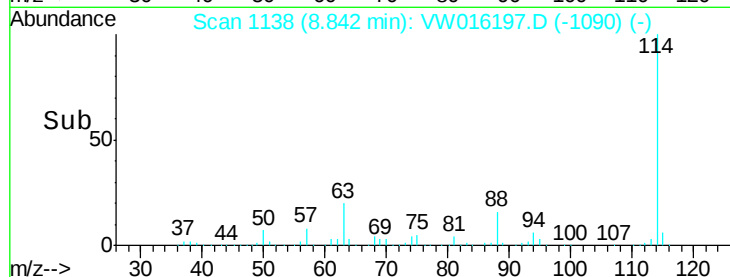
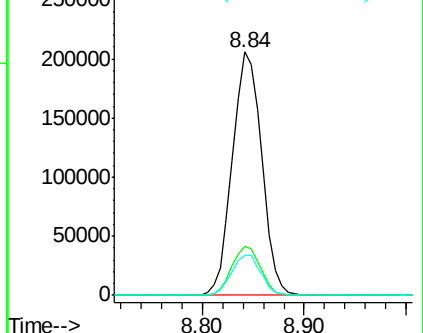
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016197.D
 Acq: 14 Aug 2020 17:26

Instrument :
 MSVOA_W
 ClientSampled :
 PN-SP

Tot Ion:114 Resp: 410016
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.4
 88 16.4 0.0 32.8

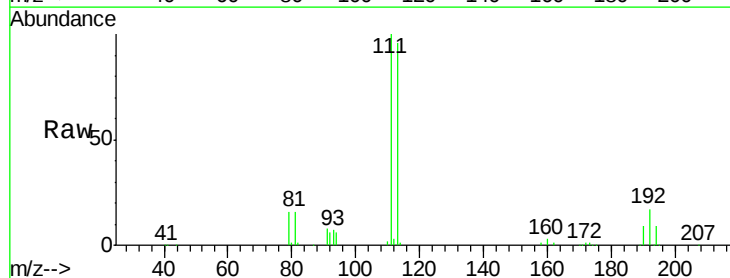


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

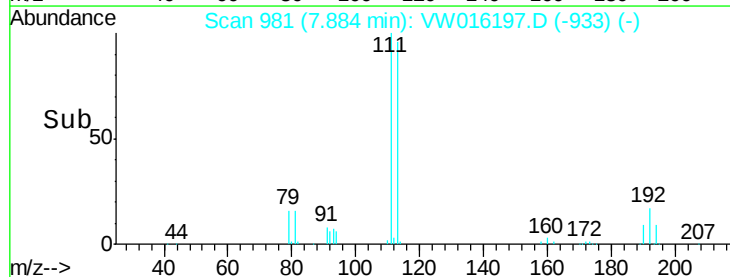
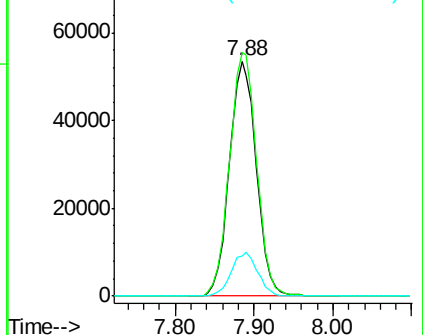


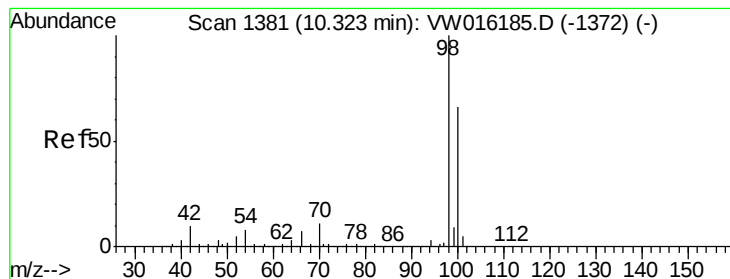
#35
 Dibromofluoromethane
 Concen: 50.139 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016197.D
 Acq: 14 Aug 2020 17:26

Tgt Ion:113 Resp: 126842
 Ion Ratio Lower Upper
 113 100
 111 105.0 83.5 125.3
 192 18.3 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: 51.210 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016197.D

Acq: 14 Aug 2020 17:26

Instrument :

MSVOA_W

ClientSampleId :

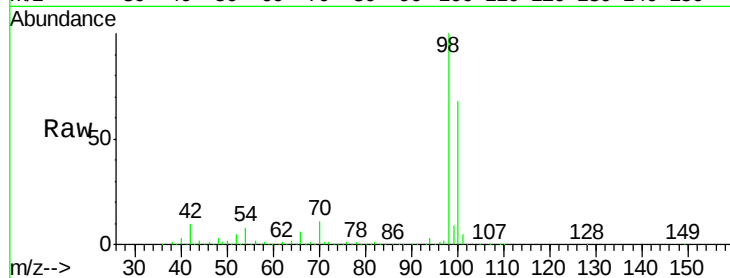
PN-SP

Tot Ion: 98 Resp: 501481

Ion Ratio Lower Upper

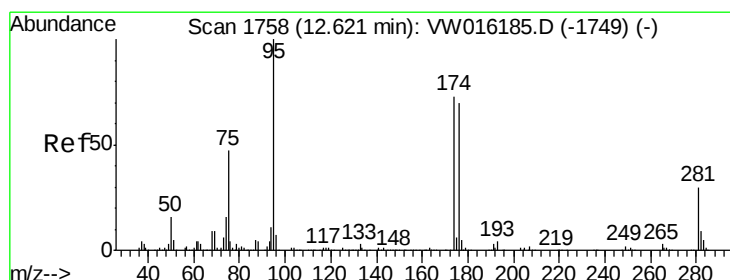
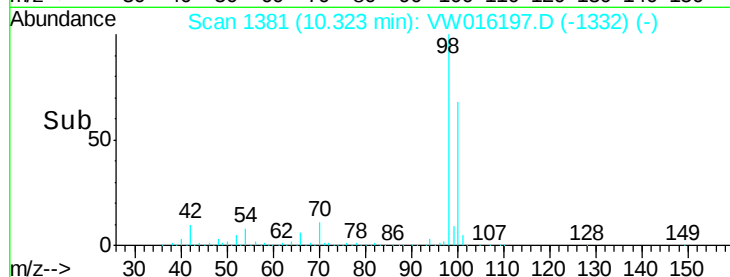
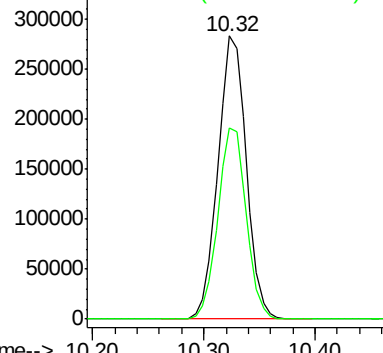
98 100

100 67.7 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 54.539 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016197.D

Acq: 14 Aug 2020 17:26

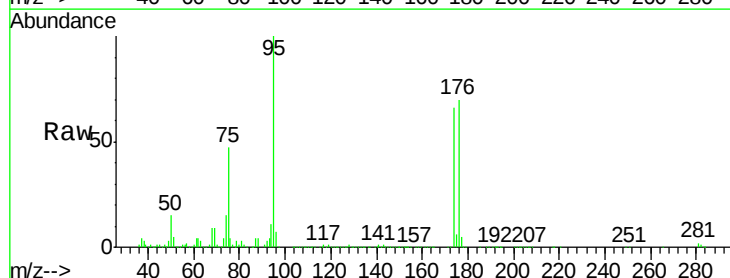
Tgt Ion: 95 Resp: 190906

Ion Ratio Lower Upper

95 100

174 70.8 0.0 145.6

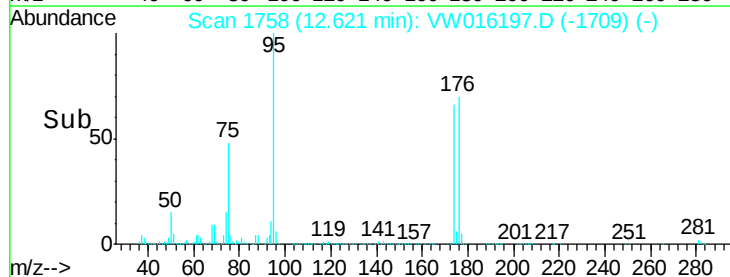
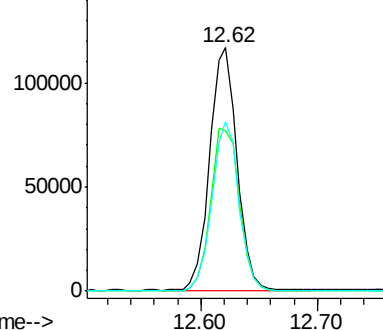
176 69.1 0.0 137.8

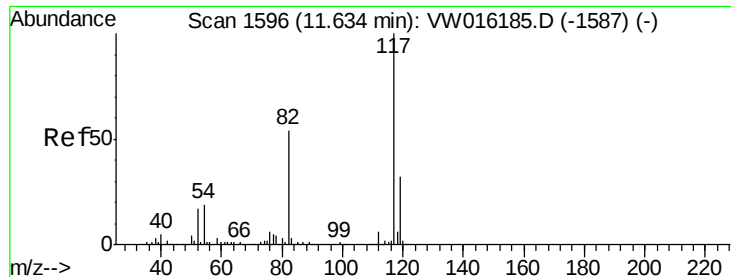


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

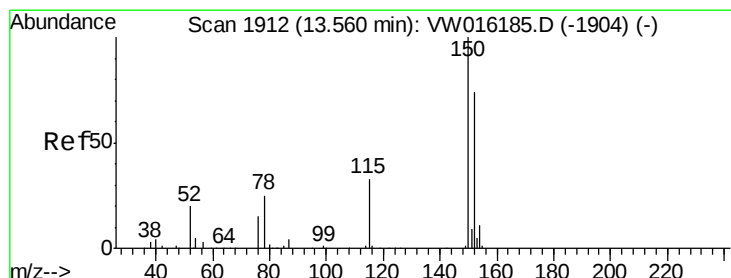
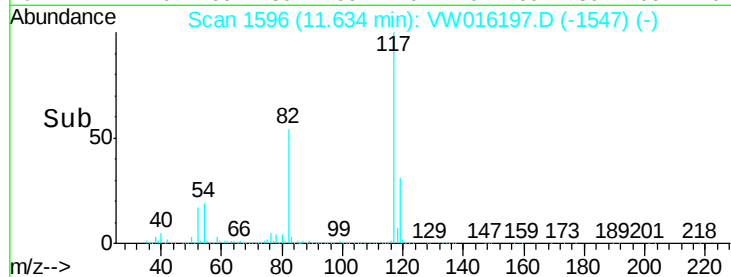
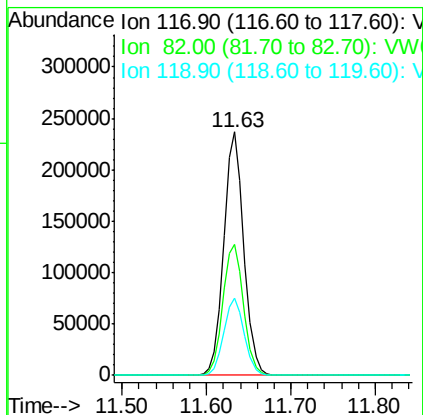
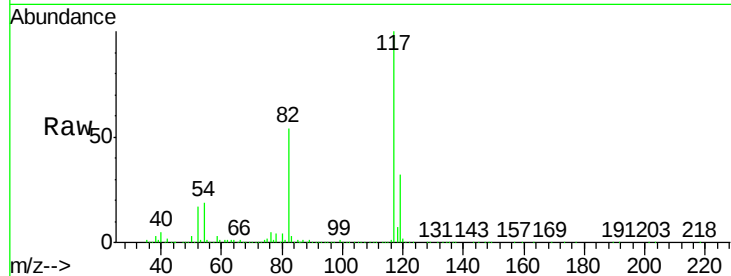




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016197.D
Acq: 14 Aug 2020 17:26

Instrument :
MSVOA_W
ClientSampleId :
PN-SP

Tot Ion:117 Resp: 386500
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016197.D
Acq: 14 Aug 2020 17:26

Tgt Ion:152 Resp: 171049
Ion Ratio Lower Upper
152 100
115 64.8 30.9 92.5
150 161.8 0.0 337.8

