

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011981.D
 Acq On : 19 Aug 2019 10:48
 Operator : SY/VA
 Sample : K4380-01
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 STOCKPILE-175-LANDERS-PIT

Quant Time: Aug 19 11:19:42 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	117678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	183374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59693	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	66358	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.88	113	55180	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
50) Toluene-d8	10.32	98	221843	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.62	95	69700	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

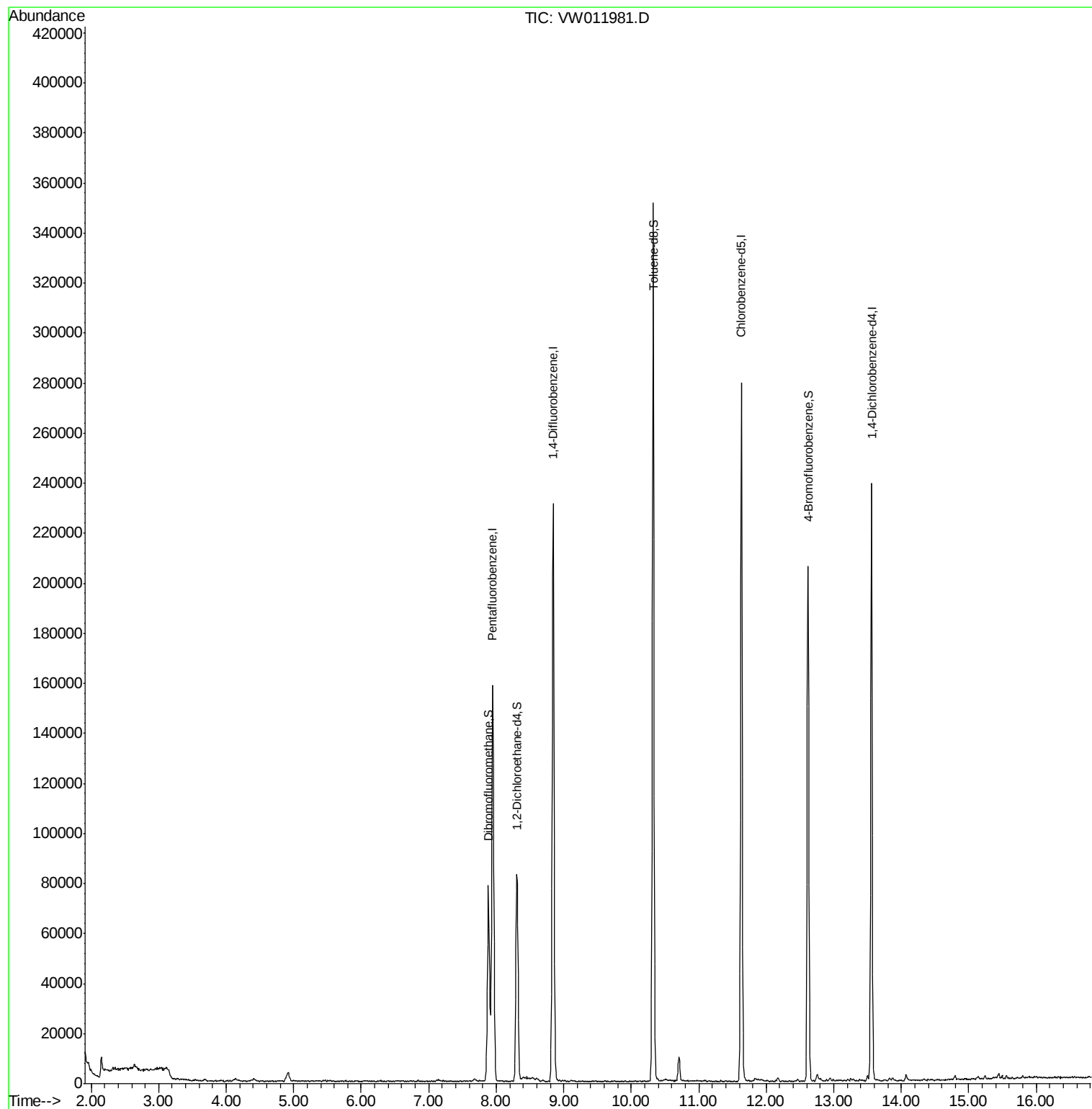
Target Compounds	Qvalue

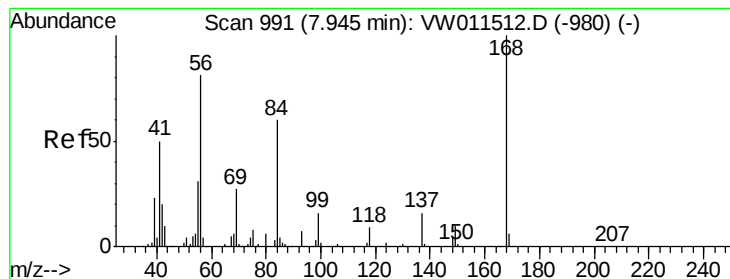
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW011981.D

Acq: 19 Aug 2019 10:48

Instrument :

MSVOA_W

ClientSampleId :

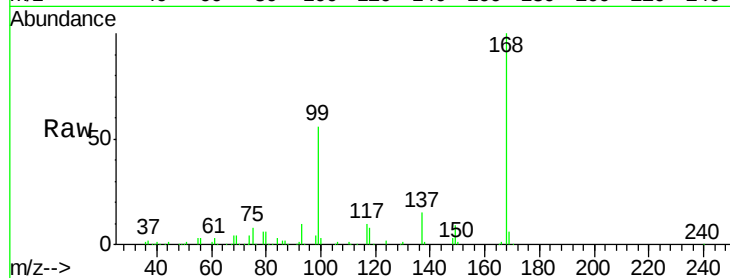
STOCKPILE-175-LANDERS-PIT

Tot Ion:168 Resp: 117678

Ion Ratio Lower Upper

168 100

99 56.1 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

60000

50000

40000

30000

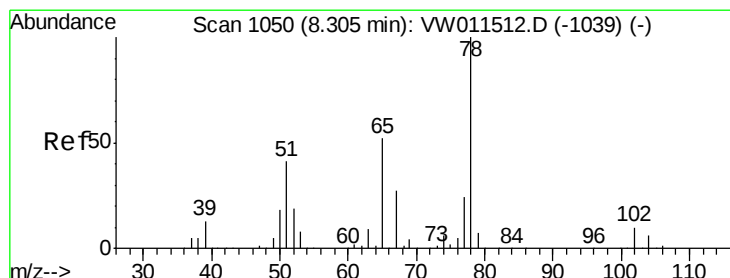
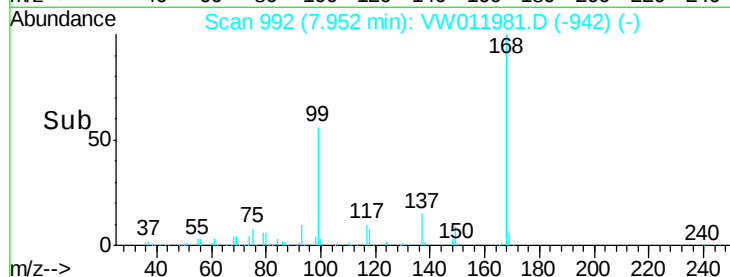
20000

10000

0

Time-->

7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 49.108 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011981.D

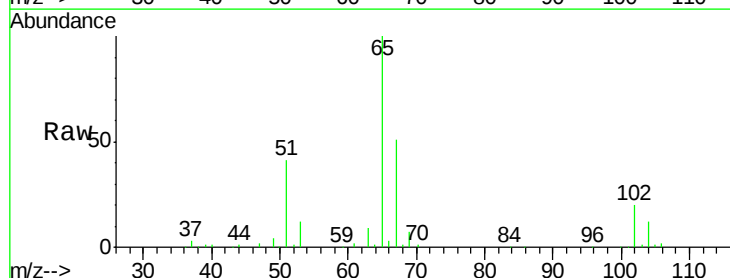
Acq: 19 Aug 2019 10:48

Tgt Ion: 65 Resp: 66358

Ion Ratio Lower Upper

65 100

67 51.6 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

30000

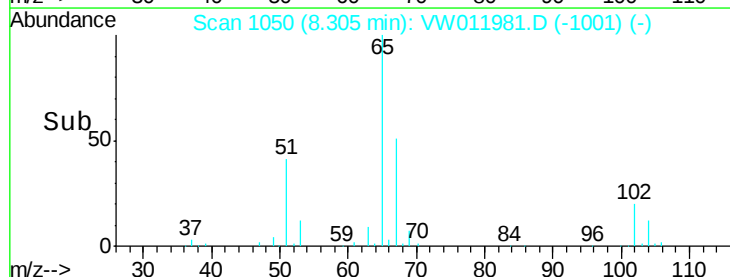
20000

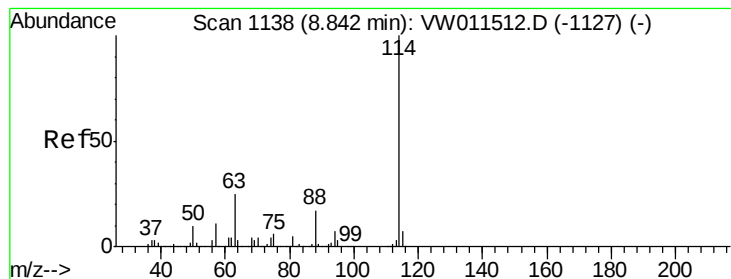
10000

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: VW011981.D

Acq: 19 Aug 2019 10:48

Instrument :

MSVOA_W

ClientSampleId :

STOCKPILE-175-LANDERS-PIT

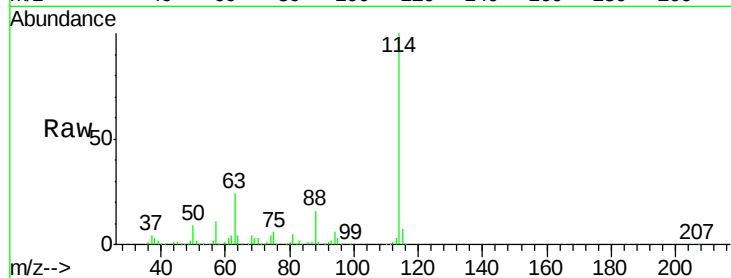
Tot Ion:114 Resp: 183374

Ion Ratio Lower Upper

114 100

63 24.5 0.0 49.2

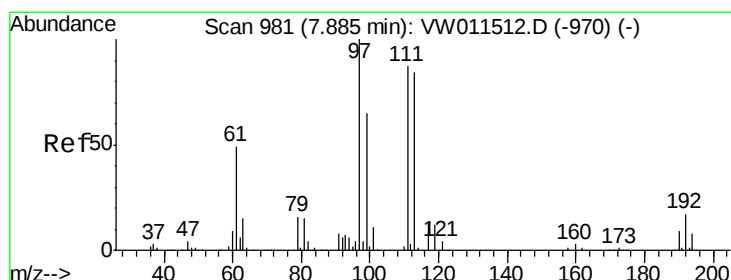
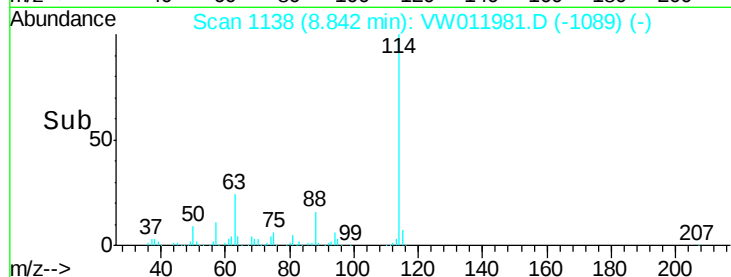
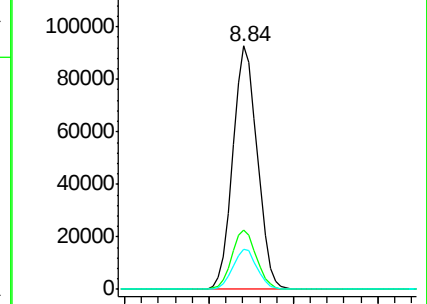
88 16.5 0.0 33.8



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: 53.637 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011981.D

Acq: 19 Aug 2019 10:48

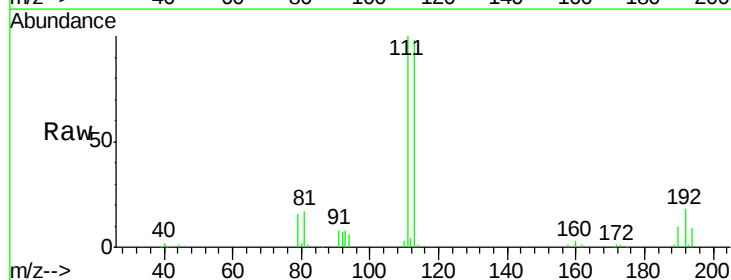
Tgt Ion:113 Resp: 55180

Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

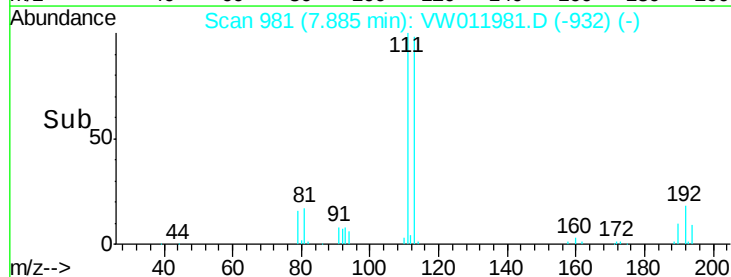
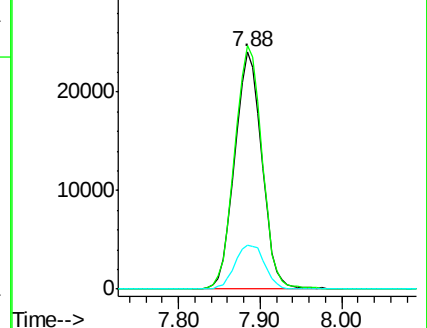
192 20.2 16.1 24.1

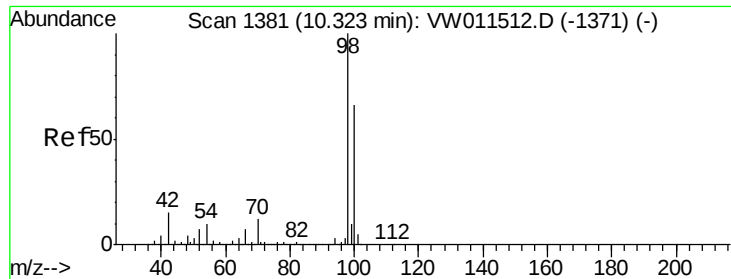


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.669 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011981.D

Acq: 19 Aug 2019 10:48

Instrument :

MSVOA_W

ClientSampleId :

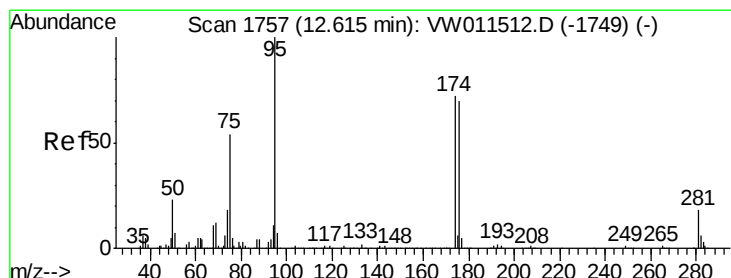
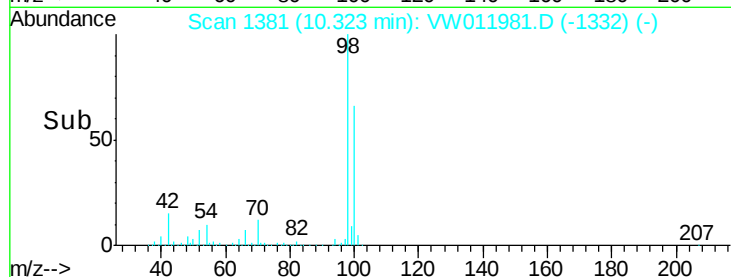
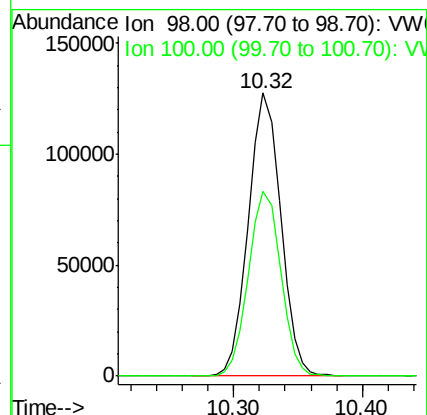
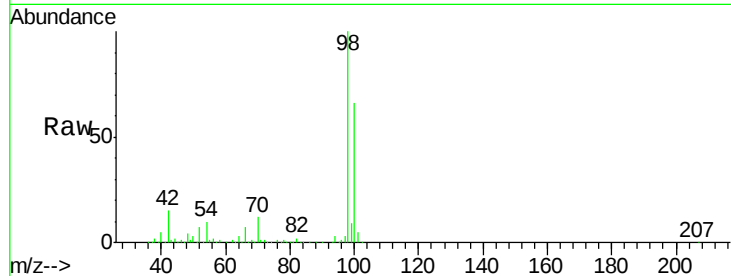
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Tot Ion: 98 Resp: 221843

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.415 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011981.D

Acq: 19 Aug 2019 10:48

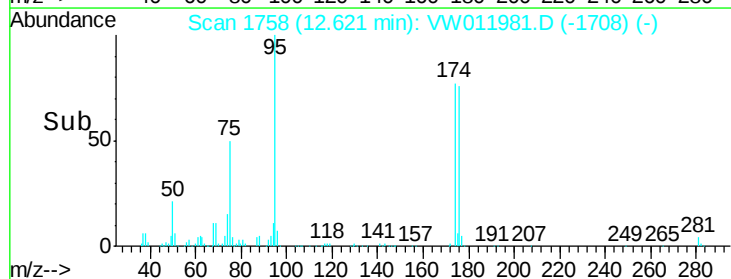
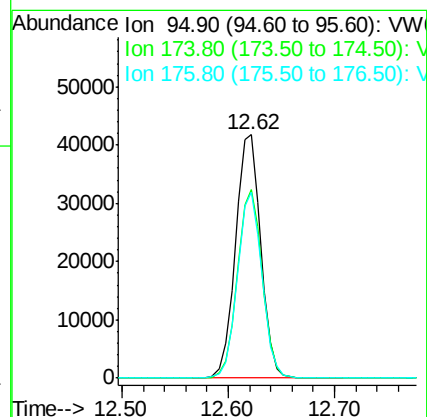
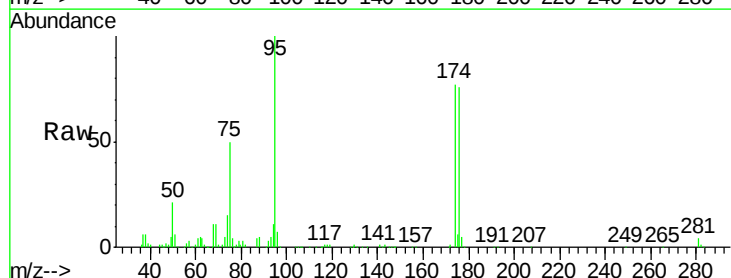
Tgt Ion: 95 Resp: 69700

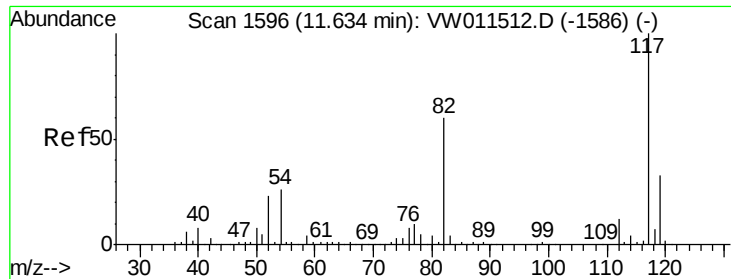
Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.2

176 74.1 0.0 144.4

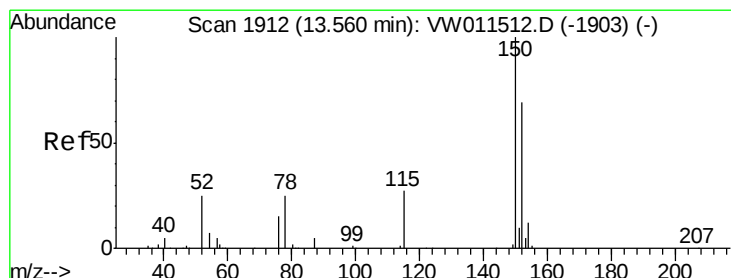
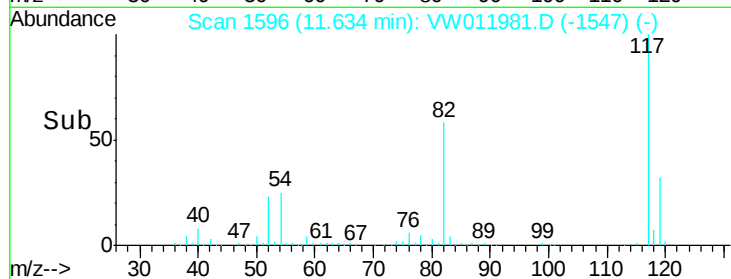
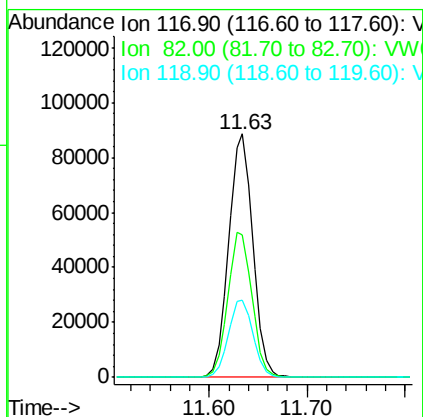
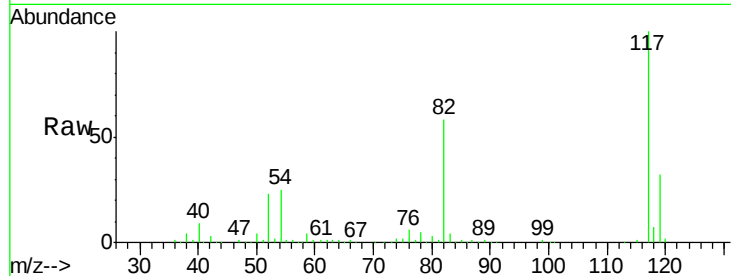




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011981.D
Acq: 19 Aug 2019 10:48

Instrument :
MSVOA_W
ClientSampleId :
STOCKPILE-175-LANDERS-PIT

Tot Ion:117 Resp: 151674
Ion Ratio Lower Upper
117 100
82 58.4 47.9 71.9
119 31.6 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: VW011981.D
Acq: 19 Aug 2019 10:48

Tgt Ion:152 Resp: 59693
Ion Ratio Lower Upper
152 100
115 59.6 30.5 91.5
150 155.7 0.0 352.6

