

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012005.D
 Acq On : 19 Aug 2019 22:11
 Operator : SY/VA
 Sample : K4380-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Aug 20 06:40:36 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	307854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	502799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	415286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162836	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	171903	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.88	113	147369	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	10.32	98	619468	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	218857	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	

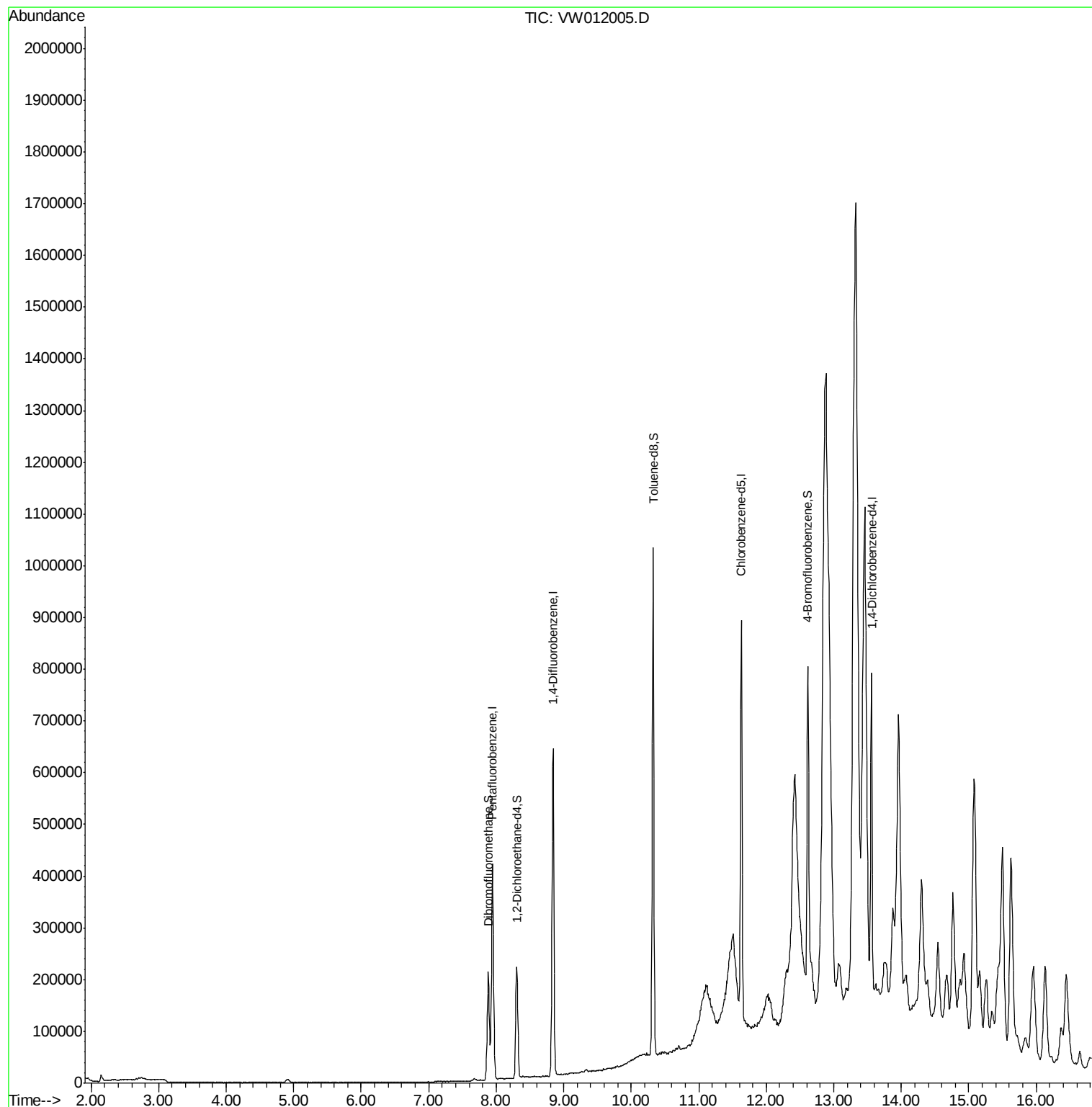
Target Compounds	Qvalue

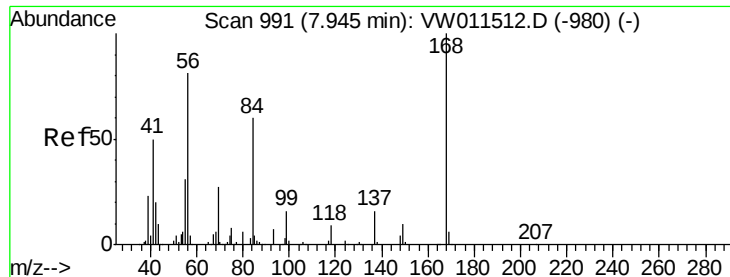
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012005.D

Acq: 19 Aug 2019 22:11

Instrument :

MSVOA_W

ClientSampleId :

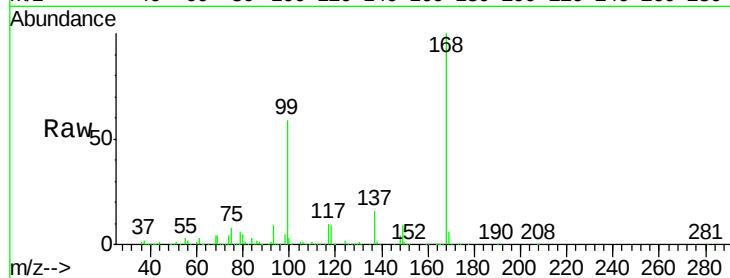
STOCKPILE-175-LANDERS-PIT

Tot Ion:168 Resp: 307854

Ion Ratio Lower Upper

168 100

99 58.7 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

150000

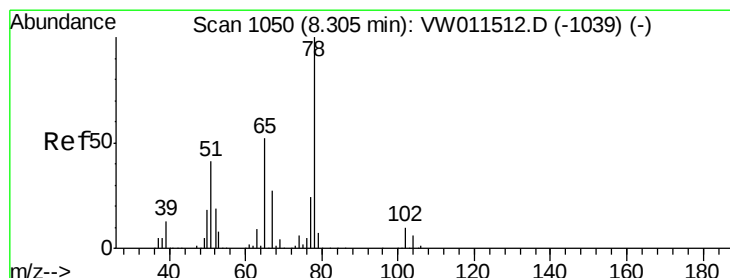
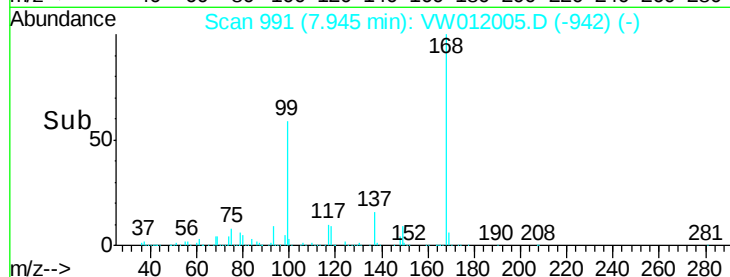
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.629 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012005.D

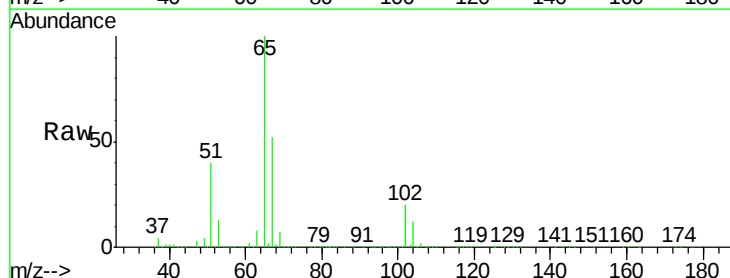
Acq: 19 Aug 2019 22:11

Tgt Ion: 65 Resp: 171903

Ion Ratio Lower Upper

65 100

67 52.0 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

80000

60000

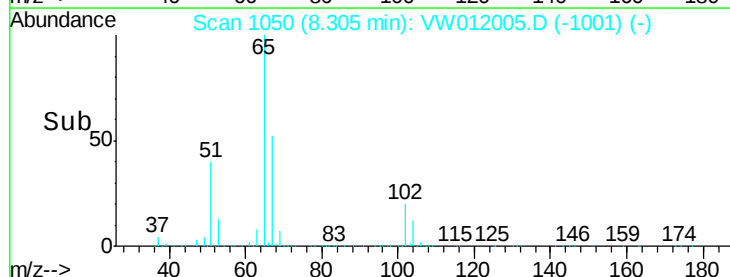
40000

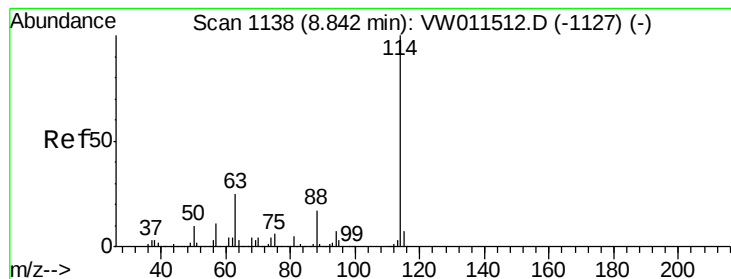
20000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012005.D

Acq: 19 Aug 2019 22:11

Instrument :

MSVOA_W

ClientSampleId :

STOCKPILE-175-LANDERS-PIT

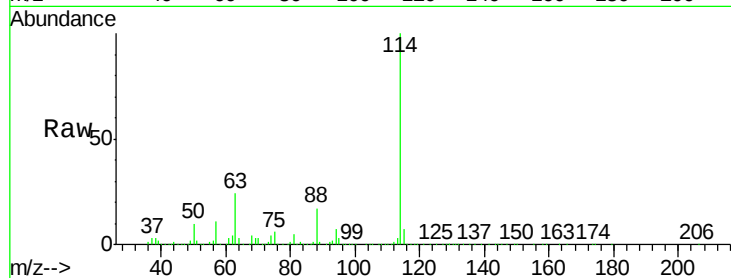
Tot Ion:114 Resp: 502799

Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.2

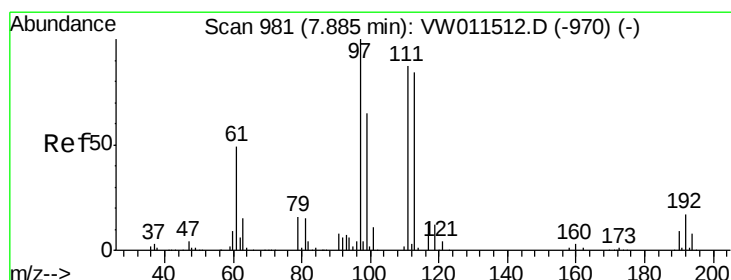
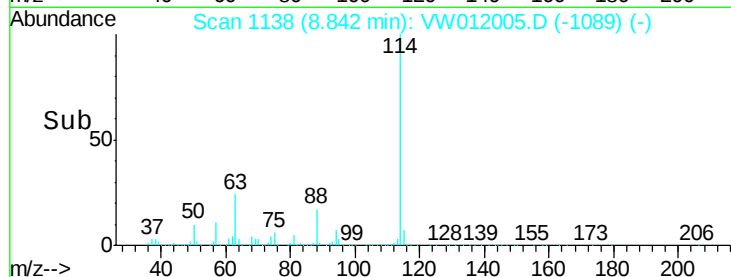
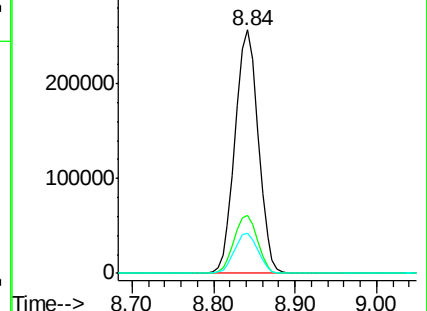
88 16.5 0.0 33.8



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: 52.244 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012005.D

Acq: 19 Aug 2019 22:11

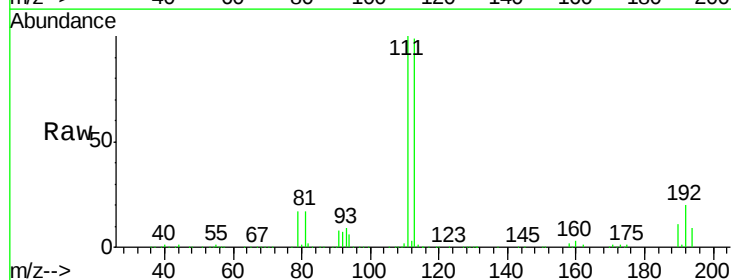
Tgt Ion:113 Resp: 147369

Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

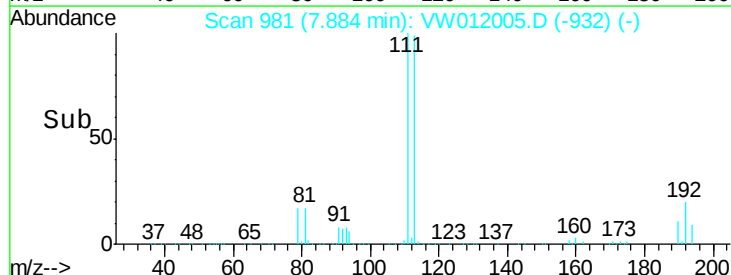
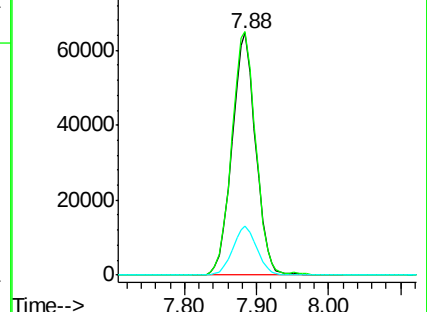
192 20.4 16.1 24.1

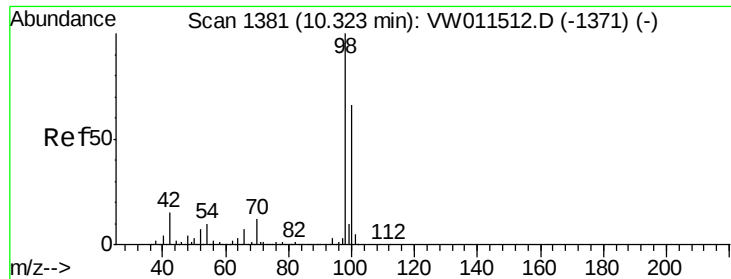


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

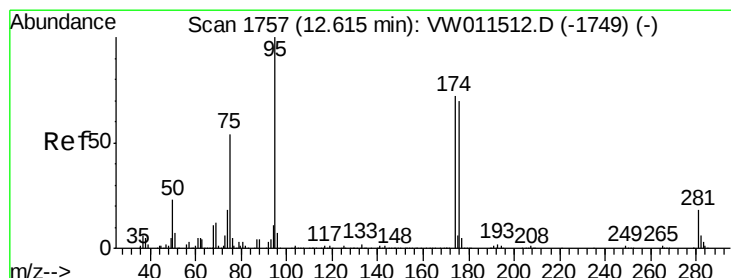
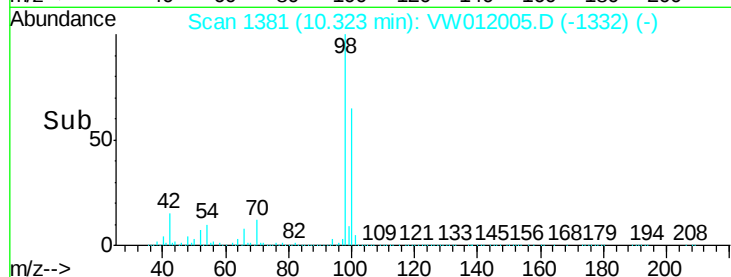
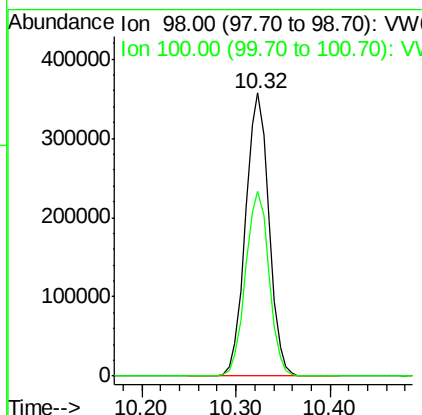
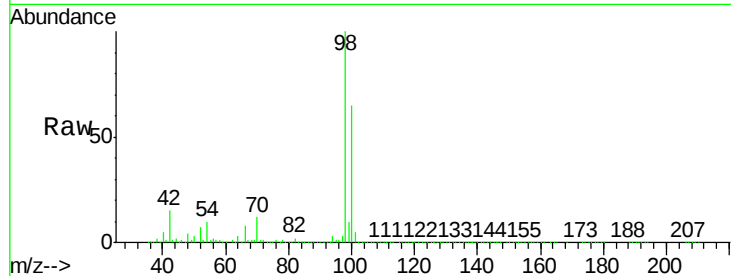




#50
Toluene-d8
Concen: 53.638 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012005.D
Acq: 19 Aug 2019 22:11

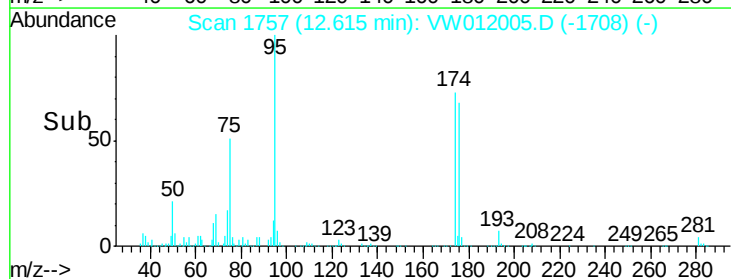
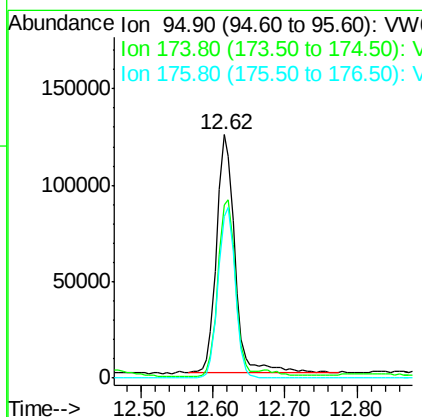
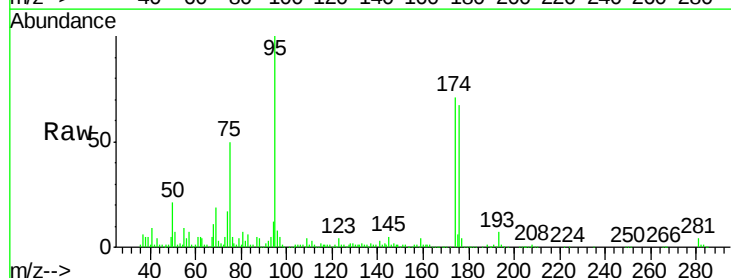
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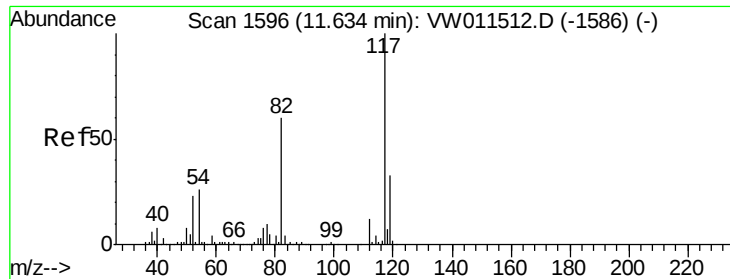
Tot Ion: 98 Resp: 619468
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.153 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012005.D
Acq: 19 Aug 2019 22:11

Tgt Ion: 95 Resp: 218857
Ion Ratio Lower Upper
95 100
174 70.7 0.0 150.2
176 66.1 0.0 144.4

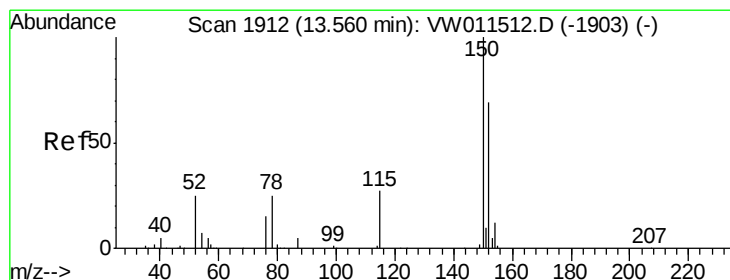
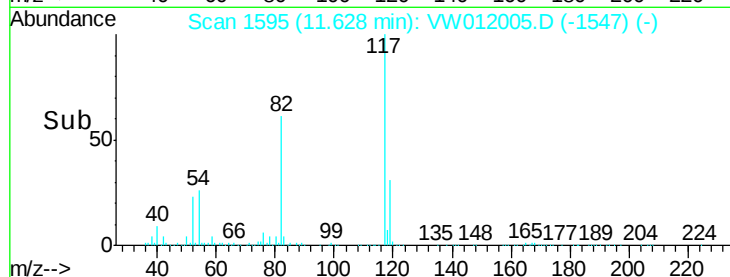
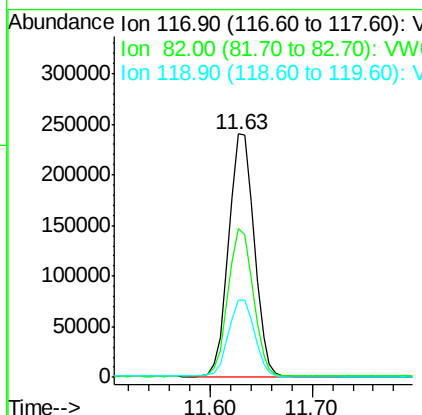
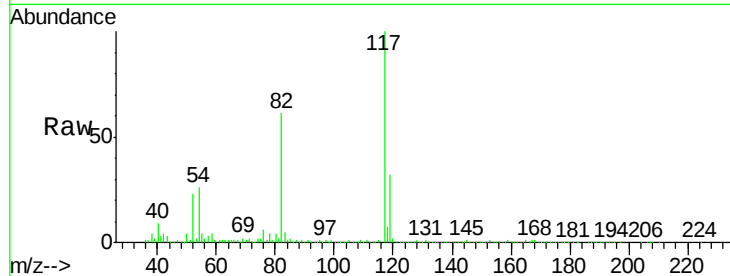




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012005.D
Acq: 19 Aug 2019 22:11

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

Tot Ion:117 Resp: 415286
Ion Ratio Lower Upper
117 100
82 60.6 47.9 71.9
119 31.4 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: VW012005.D
Acq: 19 Aug 2019 22:11

Tgt Ion:152 Resp: 162836
Ion Ratio Lower Upper
152 100
115 57.7 30.5 91.5
150 156.1 0.0 352.6

