

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063678.D
 Acq On : 20 Aug 2019 12:16
 Operator : JC/SY
 Sample : K4380-01
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 20 16:59:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

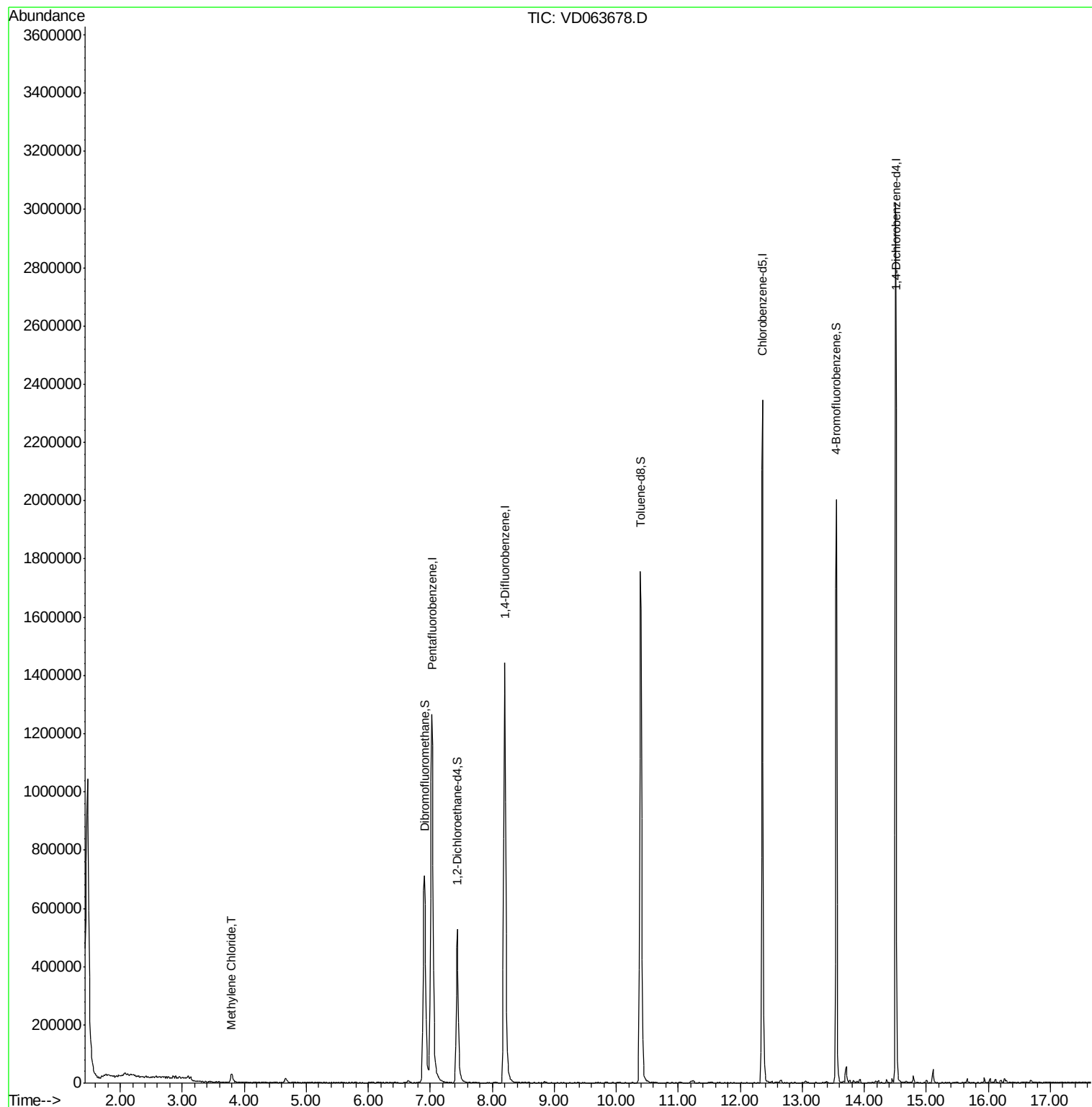
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	1253057	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	1604041	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1359472	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	683846	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	564215	42.12	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.24%	
35) Dibromofluoromethane	6.91	113	658621	48.75	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	10.39	98	1423998	47.94	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	13.55	95	566638	42.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	84.18%	
Target Compounds						
20) Methylene Chloride	3.80	84	18746	1.592	ug/l	Qvalue 87

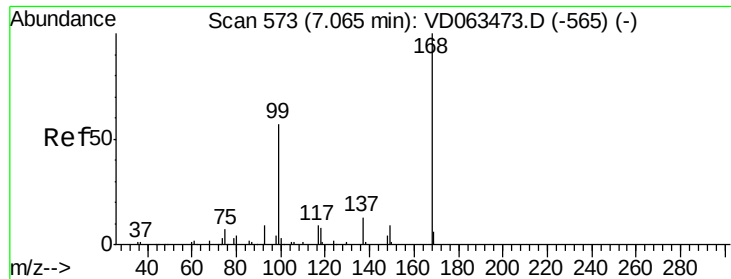
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD063678.D

Acq: 20 Aug 2019 12:16

Instrument :

MSVOA_D

ClientSampleId :

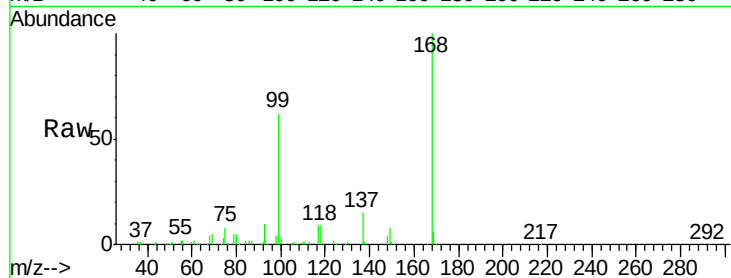
STOCKPILE-175-LANDERS-PIT

Tot Ion:168 Resp: 1253057

Ion Ratio Lower Upper

168 100

99 61.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

400000

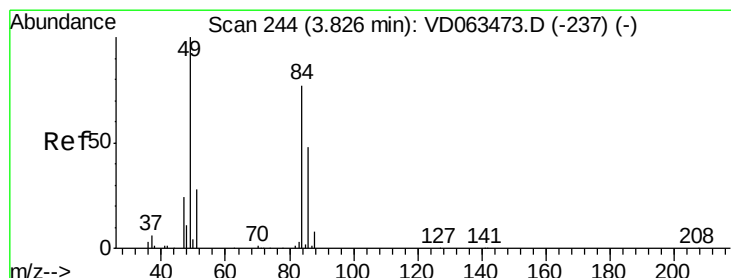
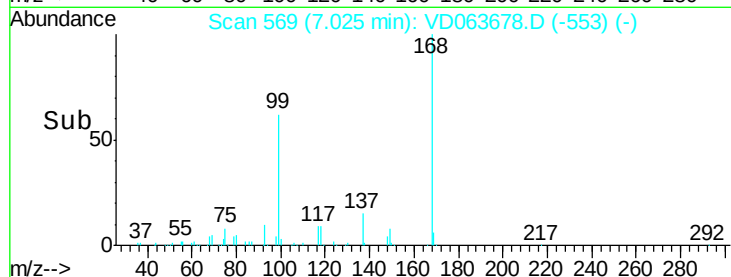
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.592 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.03 min

Lab File: VD063678.D

Acq: 20 Aug 2019 12:16

Tgt Ion: 84 Resp: 18746

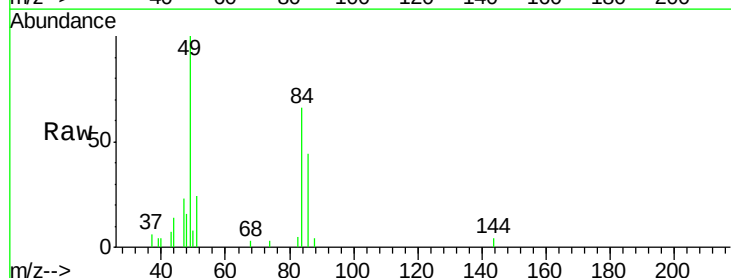
Ion Ratio Lower Upper

84 100

49 152.2 103.4 155.2

51 36.5 28.5 42.7

86 66.6 49.4 74.2



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

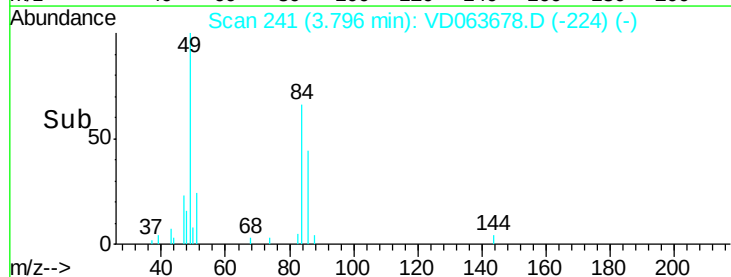
Ion 85.90 (85.60 to 86.60): VDC

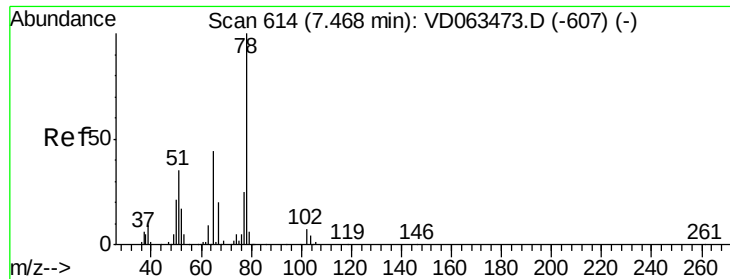
10000

5000

0

Time-->

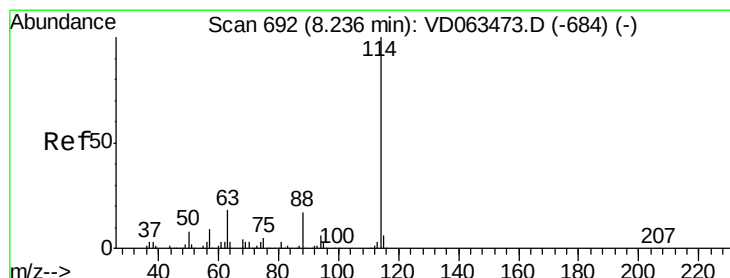
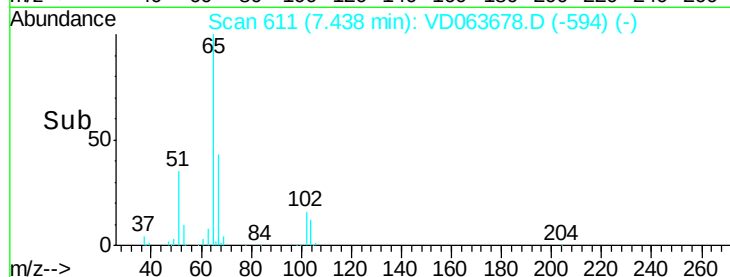
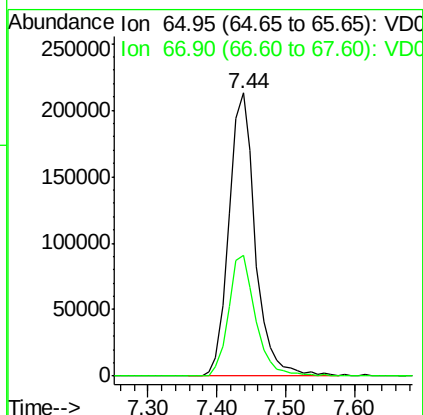
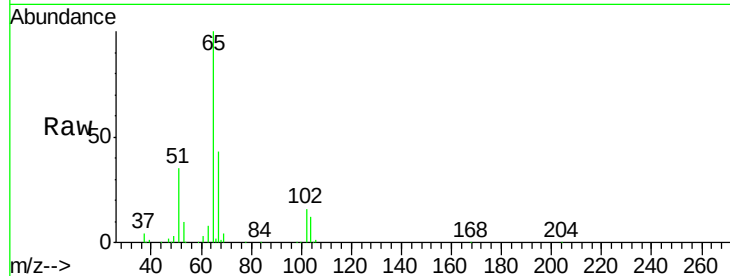




#33
 1,2-Dichloroethane-d4
 Concen: 42.124 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: VD063678.D
 Acq: 20 Aug 2019 12:16

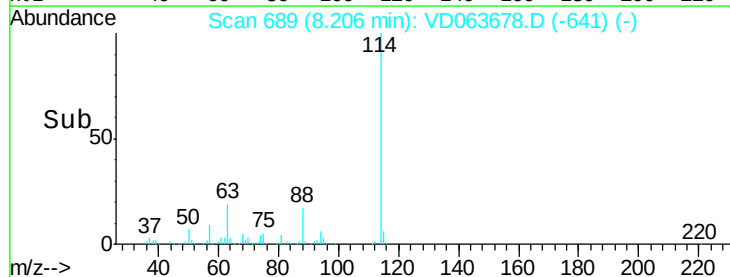
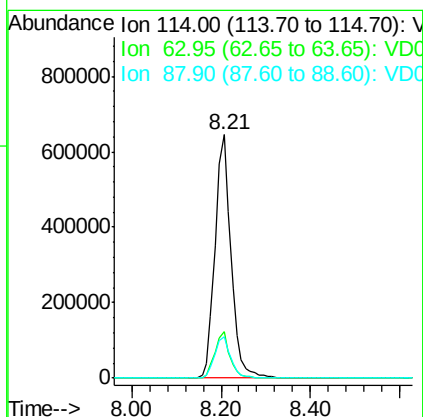
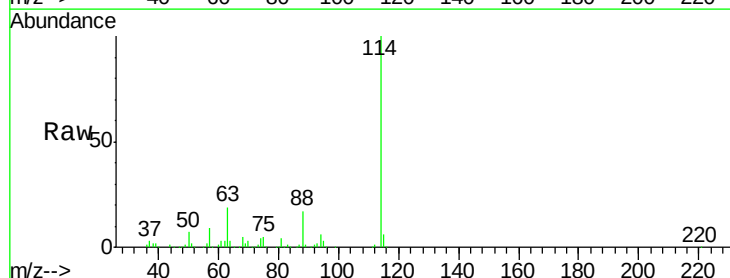
Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-175-LANDERS-PIT

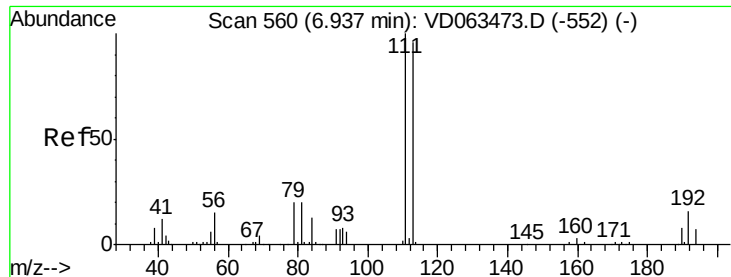
Tot Ion: 65 Resp: 564215
 Ion Ratio Lower Upper
 65 100
 67 42.8 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD063678.D
 Acq: 20 Aug 2019 12:16

Tgt Ion: 114 Resp: 1604041
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.2
 88 16.8 0.0 35.0





#35

Dibromofluoromethane

Concen: 48.753 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063678.D

Acq: 20 Aug 2019 12:16

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-175-LANDERS-PIT

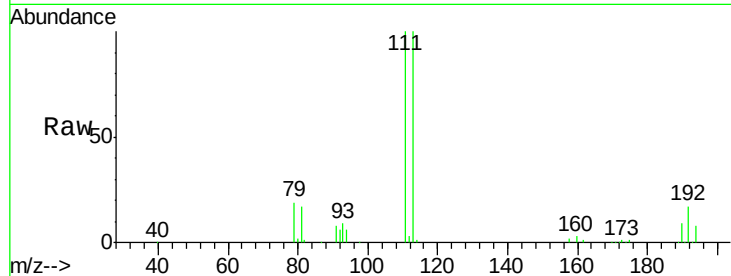
Tot Ion:113 Resp: 658621

Ion Ratio Lower Upper

113 100

111 99.7 83.1 124.7

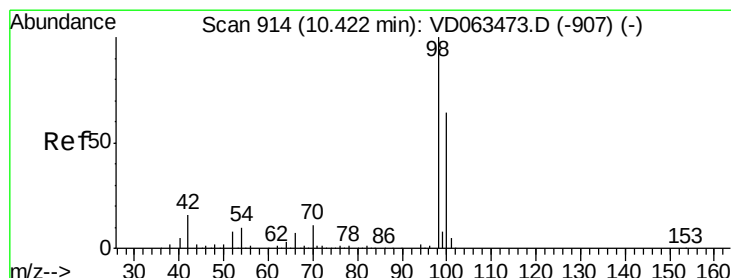
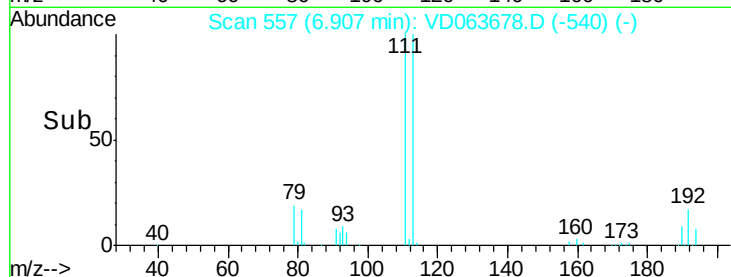
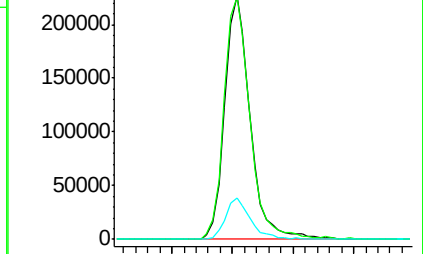
192 17.2 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 47.945 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.03 min

Lab File: VD063678.D

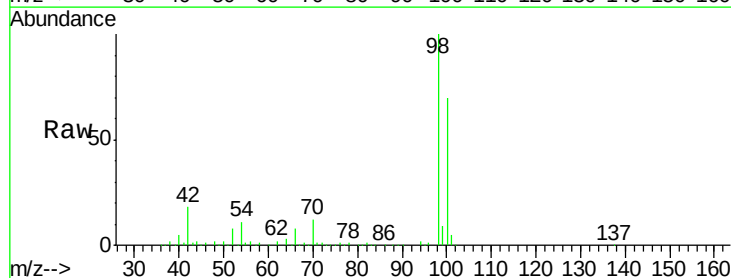
Acq: 20 Aug 2019 12:16

Tgt Ion: 98 Resp: 1423998

Ion Ratio Lower Upper

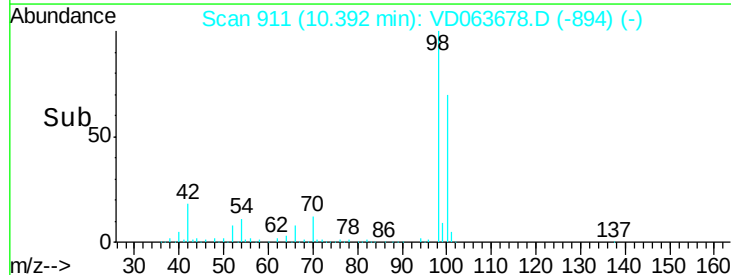
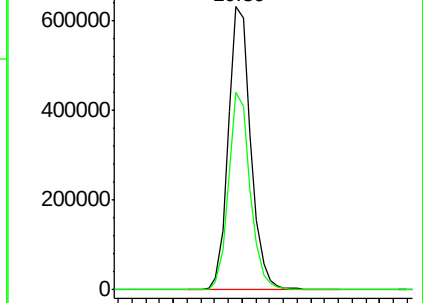
98 100

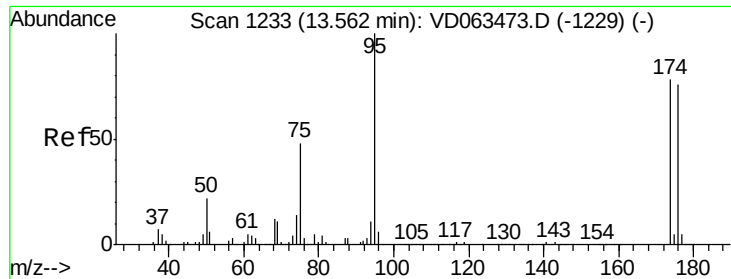
100 69.9 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

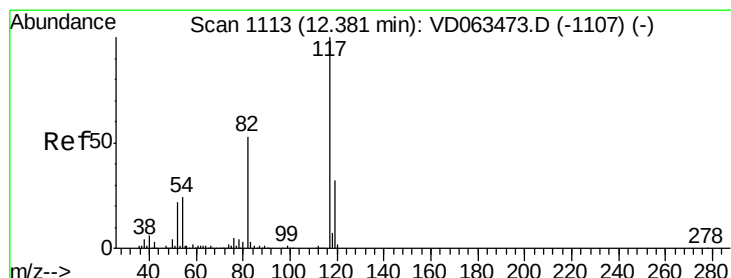
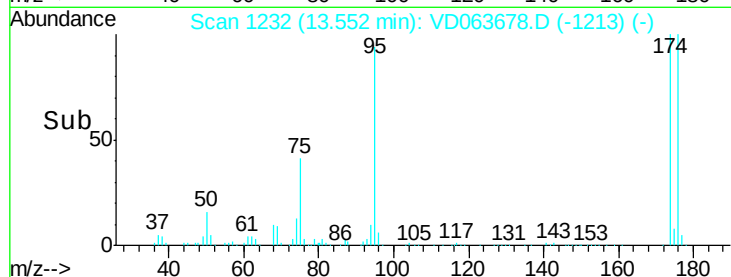
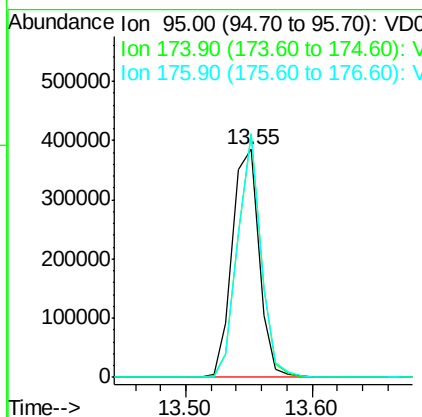
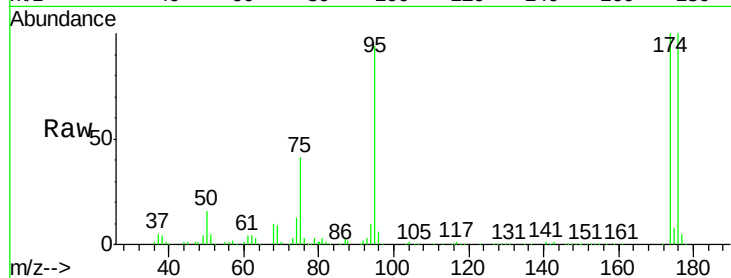




#62
 4-Bromofluorobenzene
 Concen: 42.093 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: VD063678.D
 Acq: 20 Aug 2019 12:16

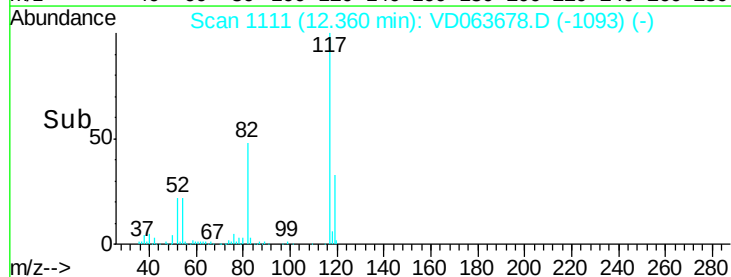
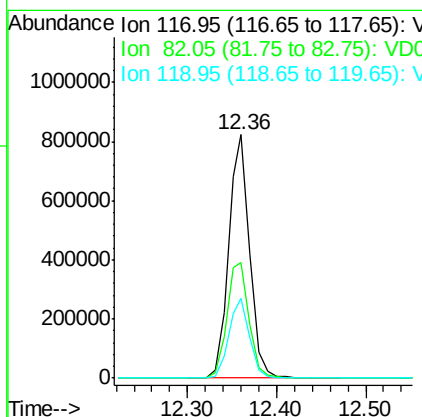
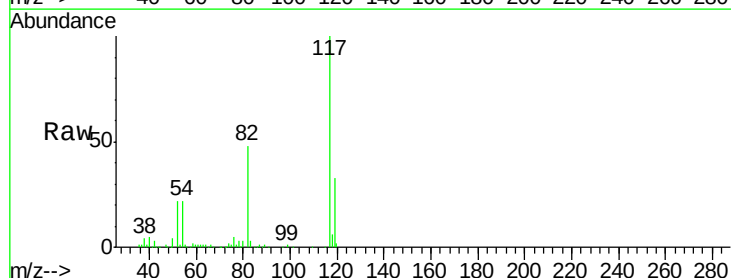
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 MSVOA_D
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 STOCKPILE-175-LANDERS-PIT

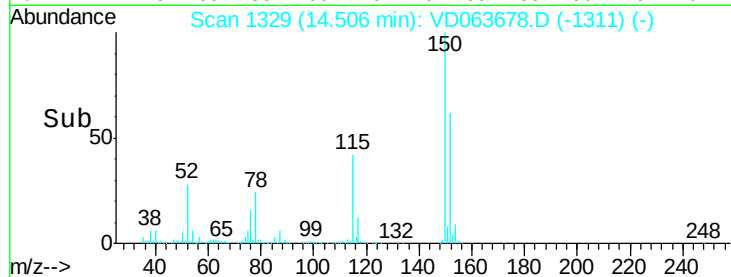
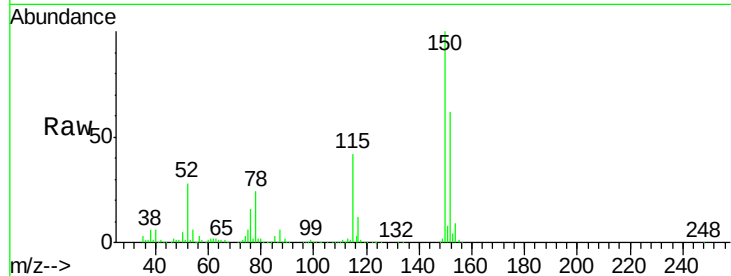
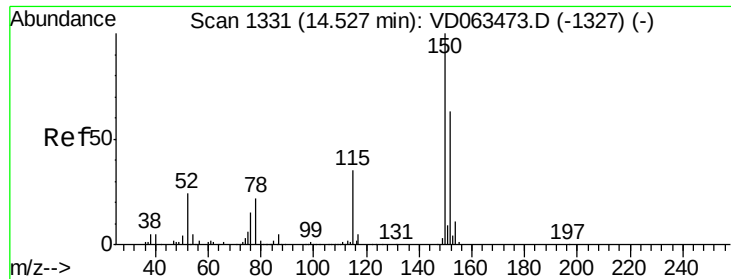
Tot Ion: 95 Resp: 566638
 Ion Ratio Lower Upper
 95 100
 174 106.8 0.0 155.4
 176 106.9 0.0 152.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: VD063678.D
 Acq: 20 Aug 2019 12:16

Tgt Ion: 117 Resp: 1359472
 Ion Ratio Lower Upper
 117 100
 82 47.7 42.0 63.0
 119 32.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.02 min

Lab File: VD063678.D

Acq: 20 Aug 2019 12:16

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-175-LANDERS-PIT

Tot Ion:152 Resp: 683846

Ion Ratio Lower Upper

152 100

115 67.4 30.9 92.7

150 162.4 0.0 318.6

