

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063487.D
 Acq On : 12 Aug 2019 15:05
 Operator : JC/SY
 Sample : K4241-01
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTOWA-SOIL

Quant Time: Aug 13 08:08:09 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

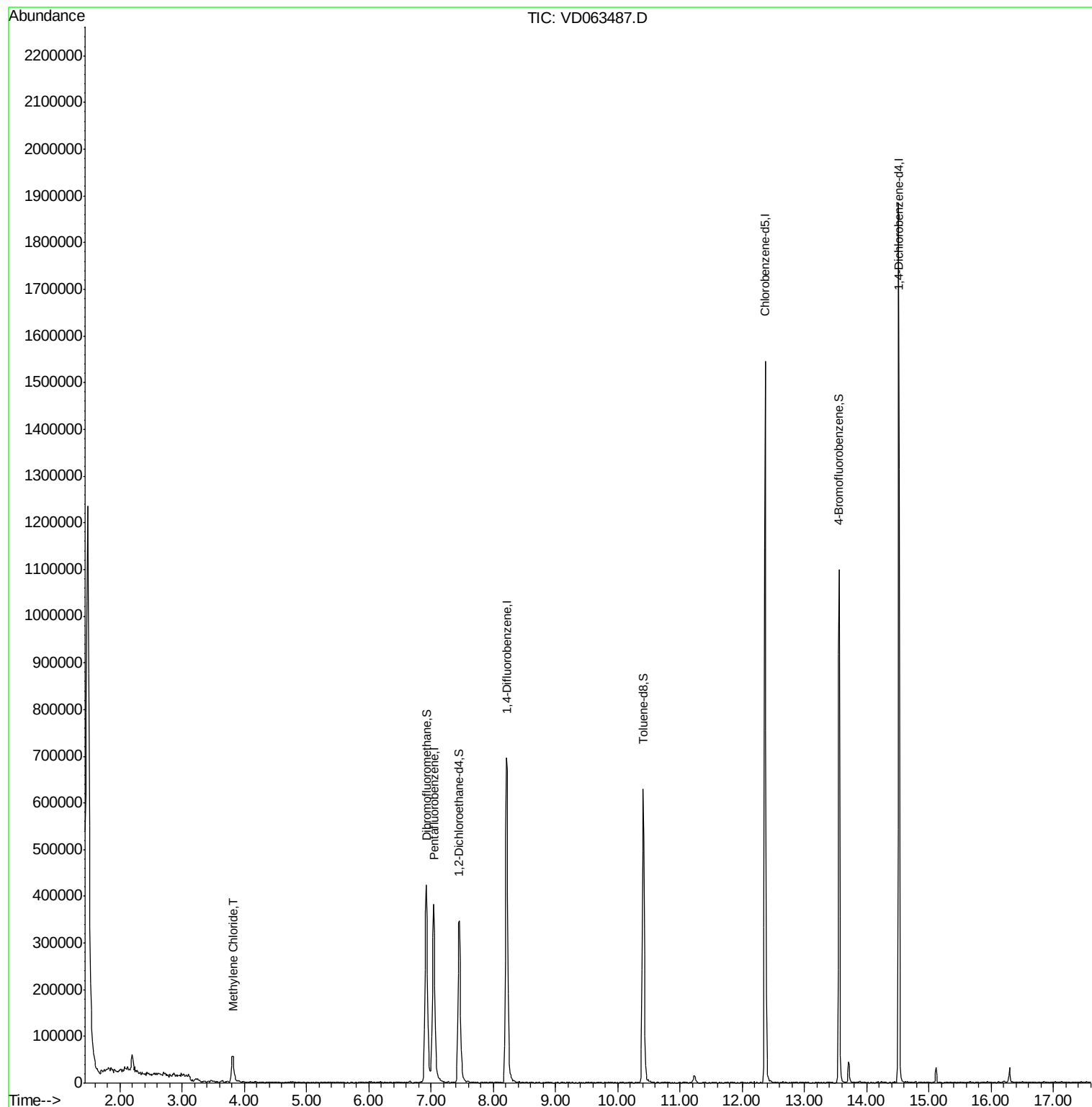
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	357244	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	783086	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	799488	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	400778	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	413459	108.27	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	216.54%	
35) Dibromofluoromethane	6.92	113	376518	57.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	114.18%	
50) Toluene-d8	10.41	98	516883	35.65	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	71.30%	
62) 4-Bromofluorobenzene	13.56	95	320532	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
Target Compounds						
20) Methylene Chloride	3.81	84	42476	12.654	ug/l #	82

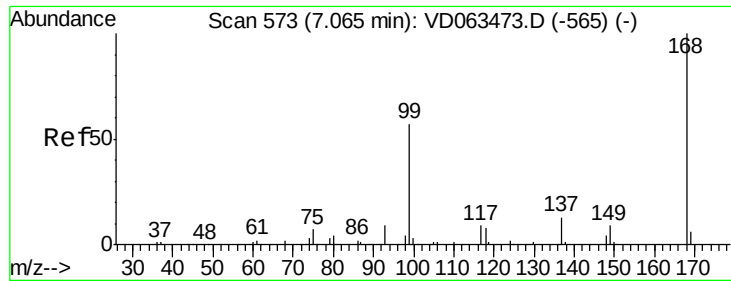
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063487.D

Acq: 12 Aug 2019 15:05

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MSVOA_D

ClientSampleId :

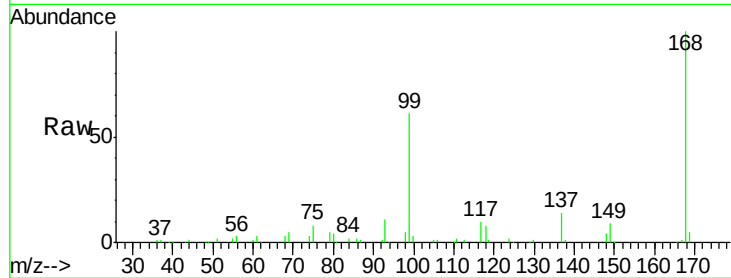
TOTOWA-SOIL

Tot Ion:168 Resp: 357244

Ion Ratio Lower Upper

168 100

99 61.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

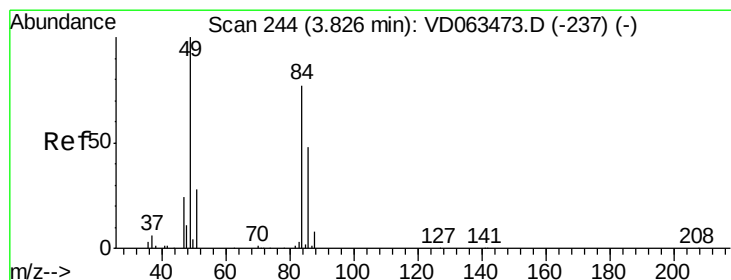
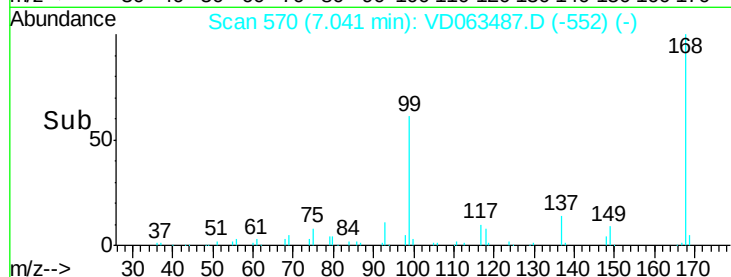
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 12.654 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD063487.D

Acq: 12 Aug 2019 15:05

Tgt Ion: 84 Resp: 42476

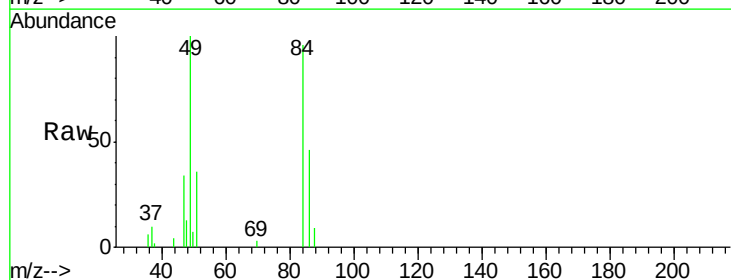
Ion Ratio Lower Upper

84 100

49 104.0 103.4 155.2

51 37.7 28.5 42.7

86 47.9 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

25000

20000

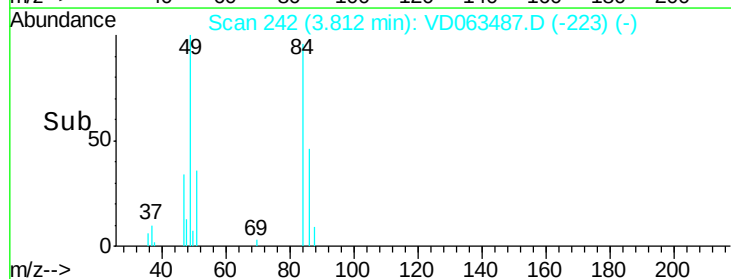
15000

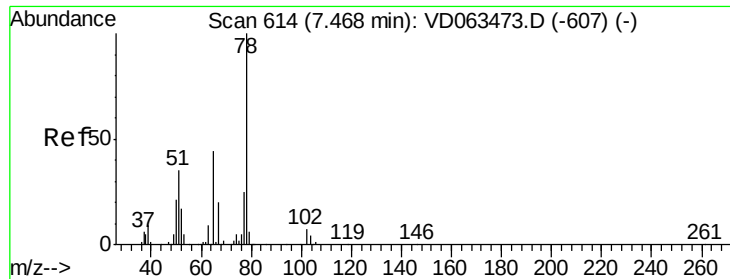
10000

5000

0

Time-->

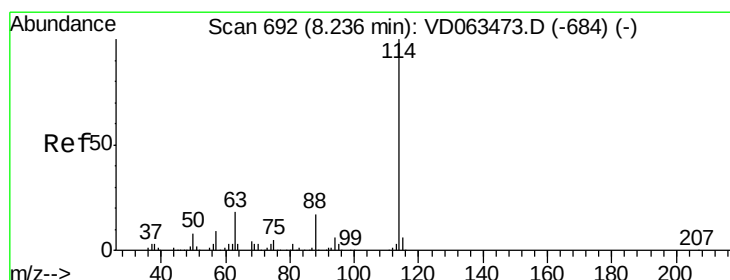
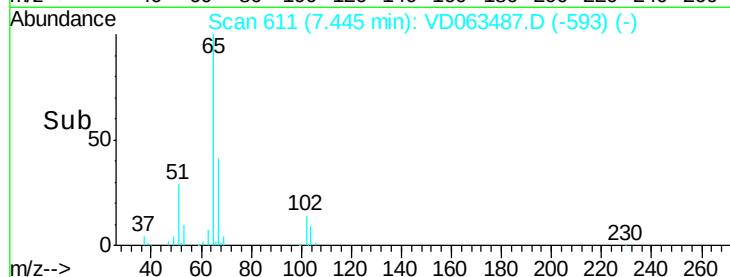
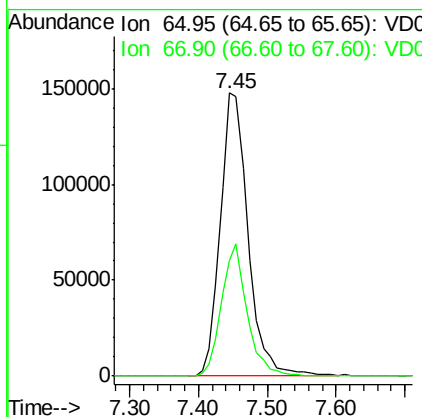
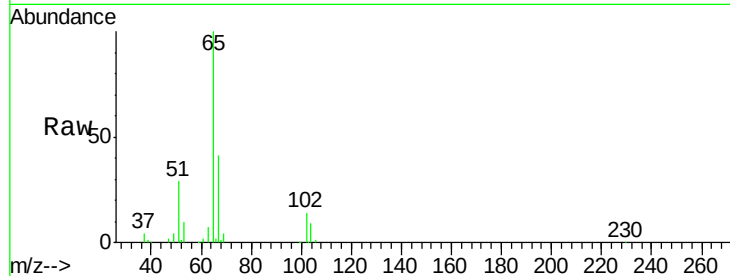




#33
 1,2-Dichloroethane-d4
 Concen: 108.273 ug/l
 RT: 7.45 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD063487.D
 Acq: 12 Aug 2019 15:05

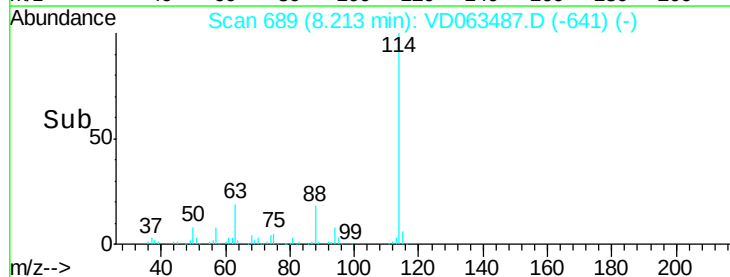
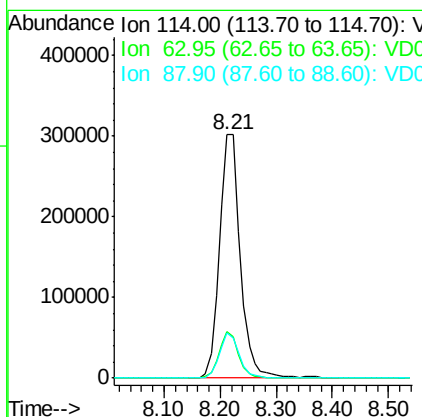
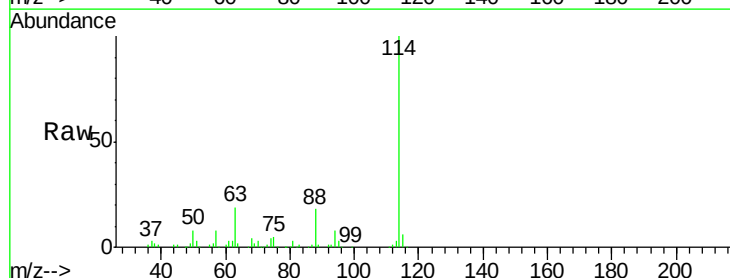
Instrument :
 MSVOA_D
 ClientSampleId :
 TOTOWA-SOIL

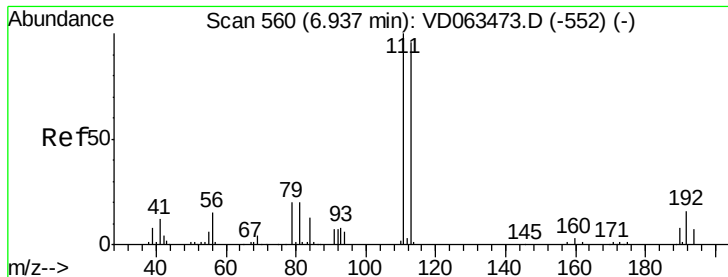
Tot Ion: 65 Resp: 413459
 Ion Ratio Lower Upper
 65 100
 67 41.0 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD063487.D
 Acq: 12 Aug 2019 15:05

Tgt Ion: 114 Resp: 783086
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.2
 88 18.3 0.0 35.0





#35

Dibromofluoromethane

Concen: 57.090 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063487.D

Acq: 12 Aug 2019 15:05

Instrument :

MSVOA_D

ClientSampleId :

TOTOWA-SOIL

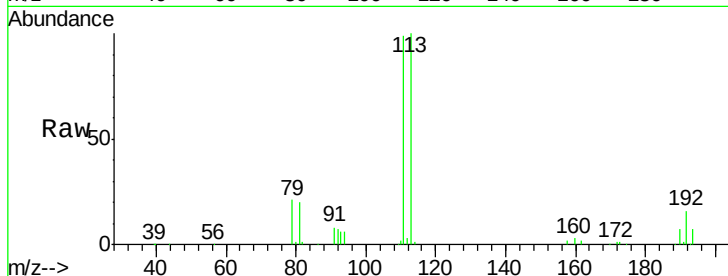
Tot Ion:113 Resp: 376518

Ion Ratio Lower Upper

113 100

111 99.2 83.1 124.7

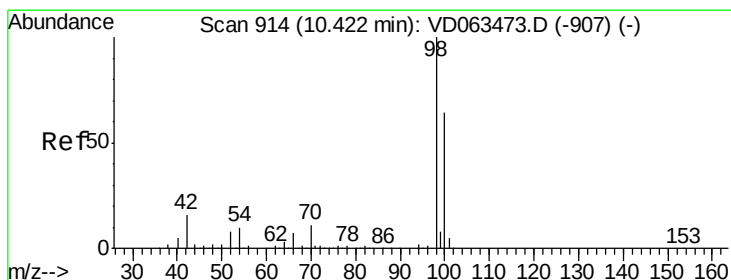
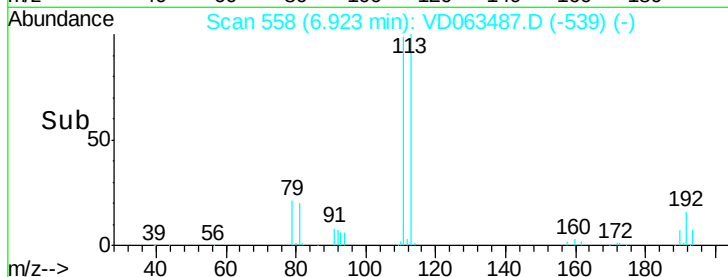
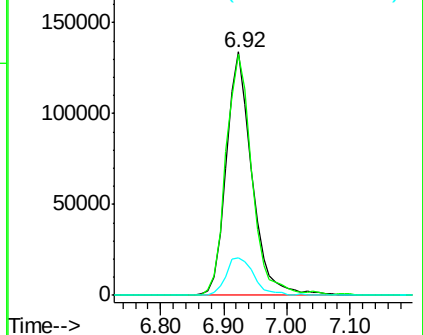
192 15.5 13.1 19.7



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: 35.647 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063487.D

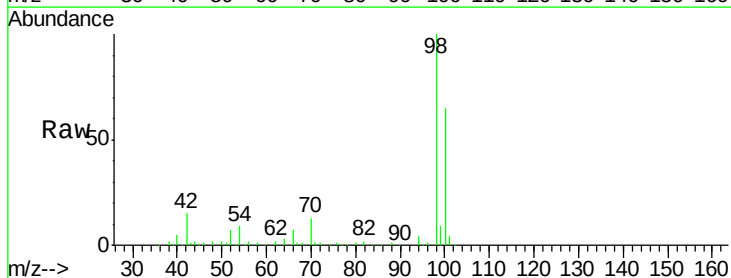
Acq: 12 Aug 2019 15:05

Tgt Ion: 98 Resp: 516883

Ion Ratio Lower Upper

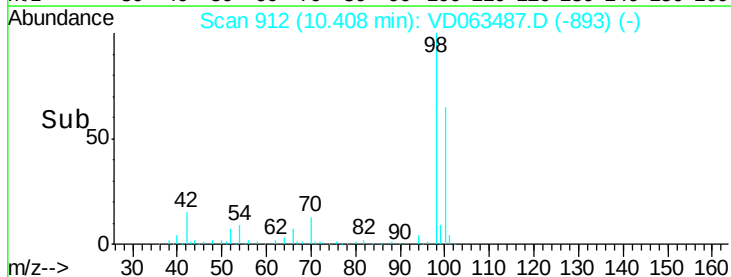
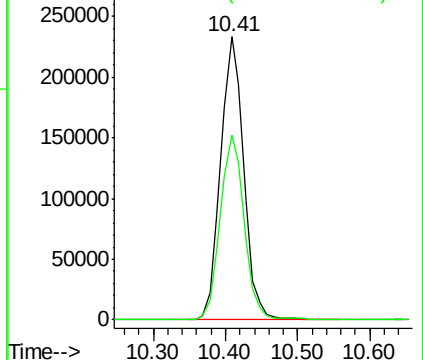
98 100

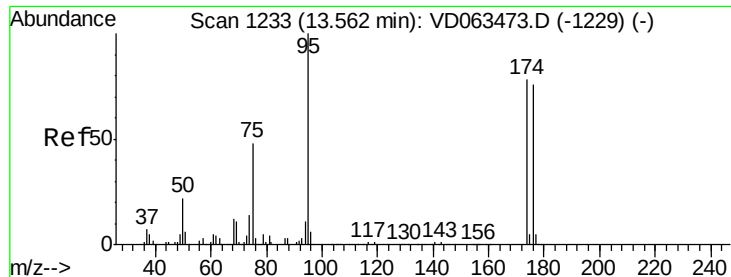
100 65.3 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 48.773 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063487.D

Acq: 12 Aug 2019 15:05

Instrument :

MSVOA_D

ClientSampleId :

TOTOWA-SOIL

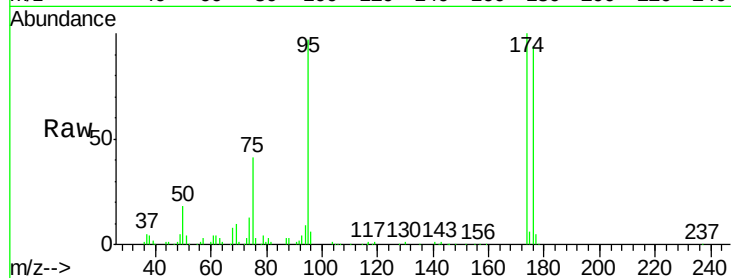
Tot Ion: 95 Resp: 320532

Ion Ratio Lower Upper

95 100

174 103.2 0.0 155.4

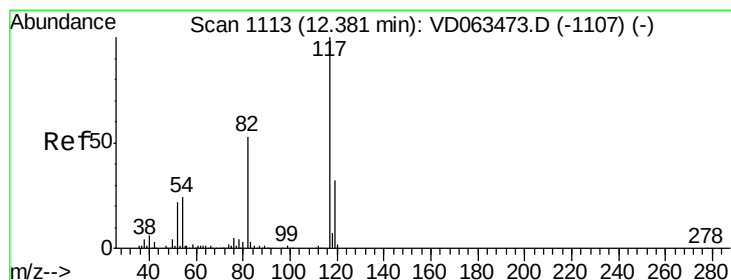
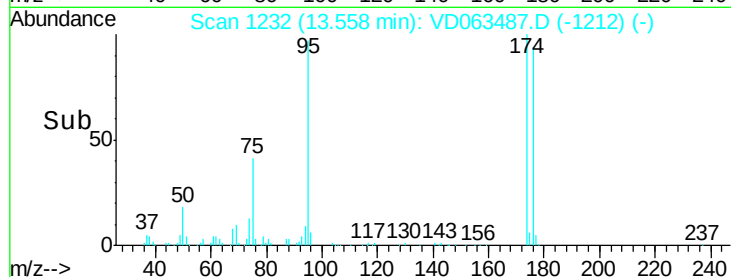
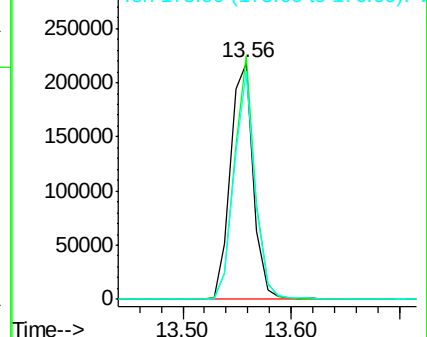
176 96.7 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD063487.D

Acq: 12 Aug 2019 15:05

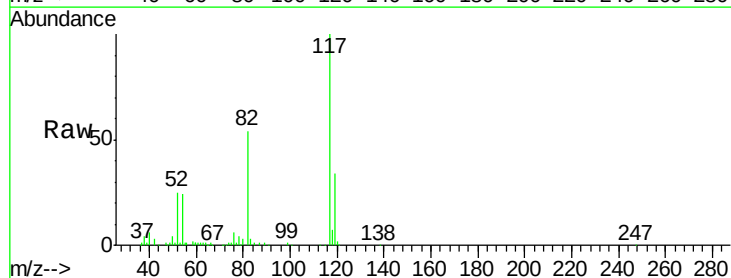
Tgt Ion: 117 Resp: 799488

Ion Ratio Lower Upper

117 100

82 53.7 42.0 63.0

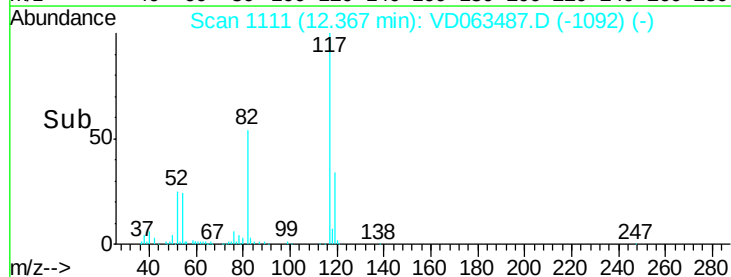
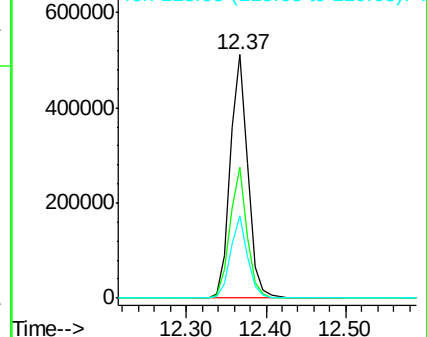
119 33.9 25.4 38.0

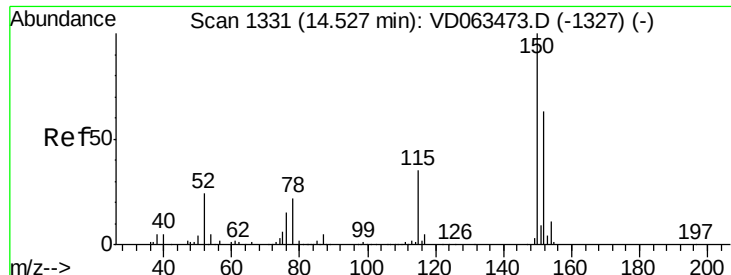


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

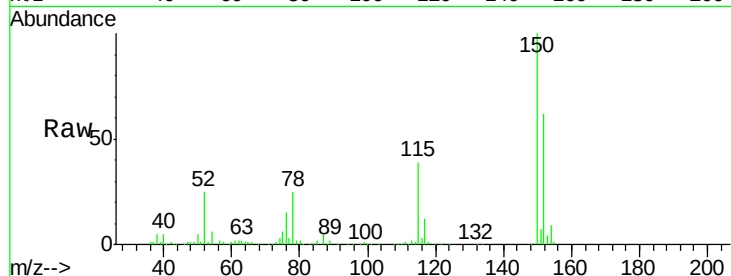




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD063487.D
 Acq: 12 Aug 2019 15:05

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTOWA-SOIL

Tot Ion:152 Resp: 400778
 Ion Ratio Lower Upper
 152 100
 115 63.1 30.9 92.7
 150 160.4 0.0 318.6



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

