

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD061999.D
 Acq On : 24 Apr 2019 15:53
 Operator : VA/AP
 Sample : K2510-03
 Misc : 5.23g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE-B

Quant Time: Apr 25 09:13:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

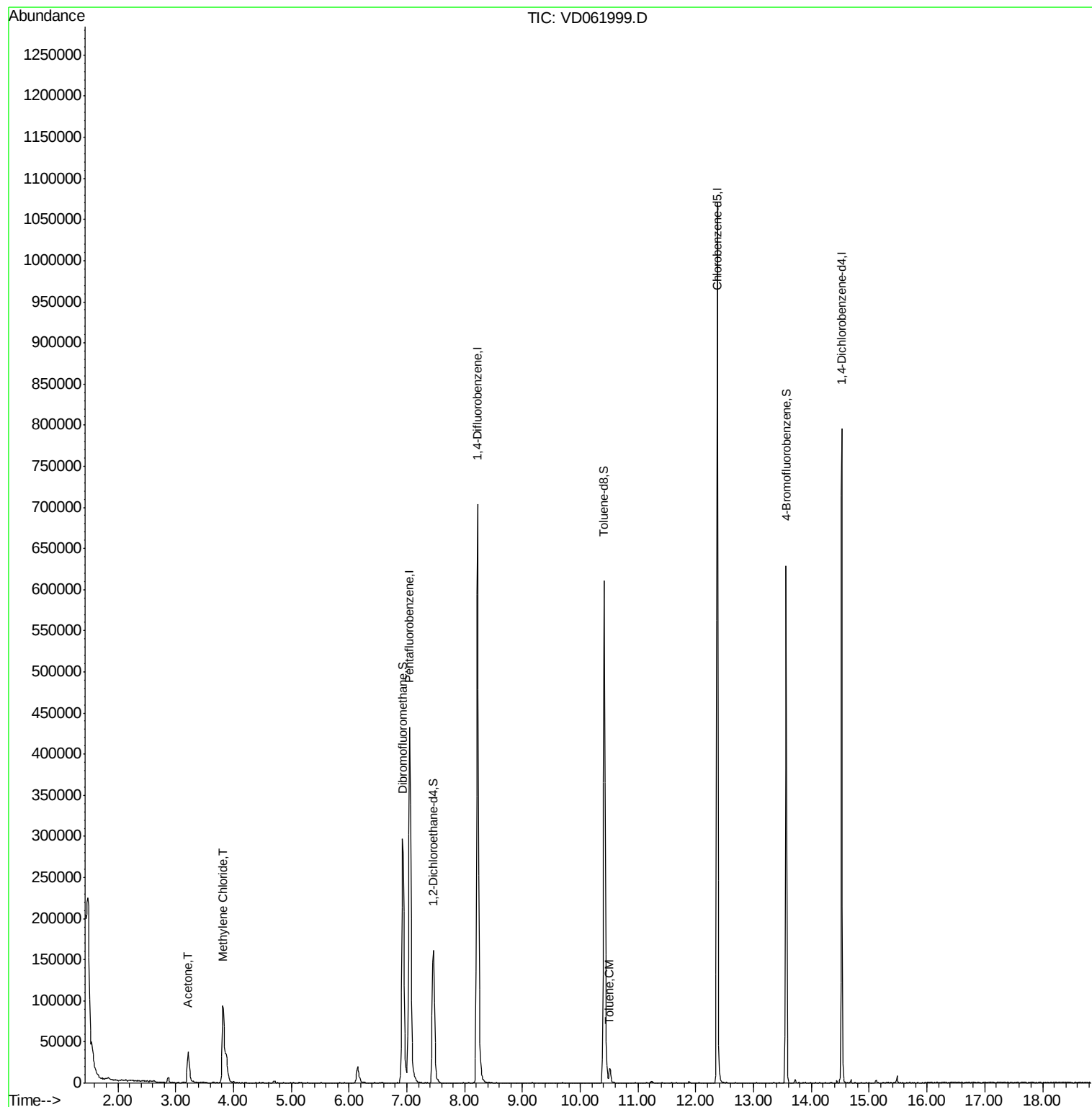
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	454581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	787906	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	643038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	199568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	179441	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
35) Dibromofluoromethane	6.93	113	276982	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.41	98	540214	41.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.32%	
62) 4-Bromofluorobenzene	13.56	95	187102	35.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.96%	
Target Compounds						
16) Acetone	3.21	43	71998	84.754	ug/l	97
20) Methylene Chloride	3.82	84	71337	15.019	ug/l	93
52) Toluene	10.52	92	9890	1.021	ug/l	91

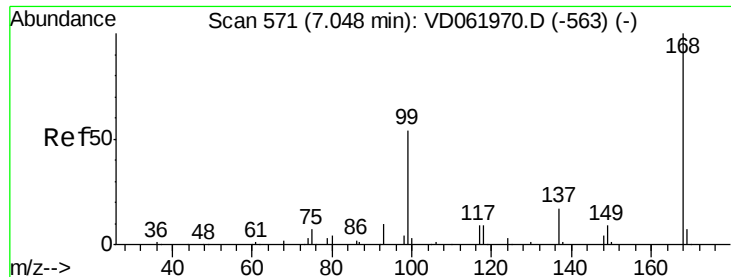
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042419\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD061999.D

Acq: 24 Apr 2019 15:53

Instrument :

MSVOA_D

ClientSampleId :

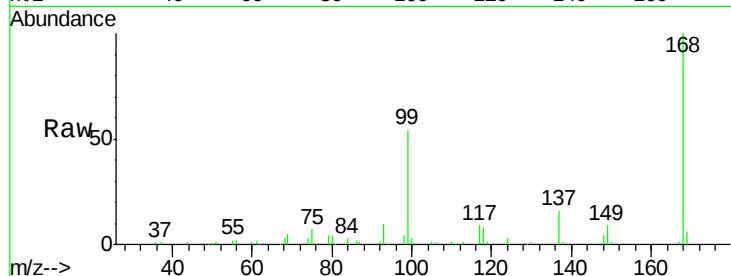
SOIL-PILE-B

Tot Ion:168 Resp: 454581

Ion Ratio Lower Upper

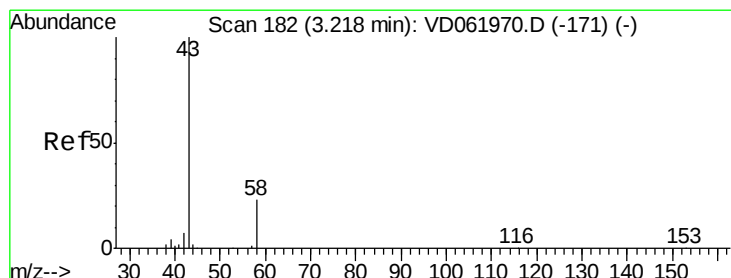
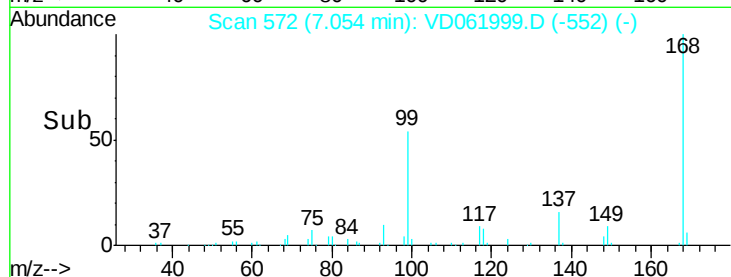
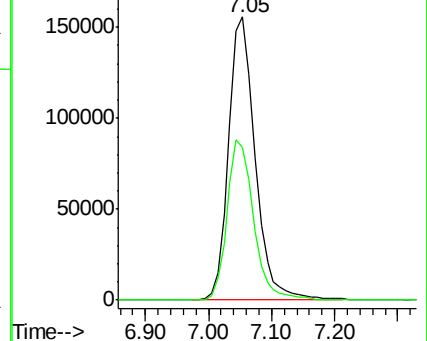
168 100

99 54.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 84.754 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061999.D

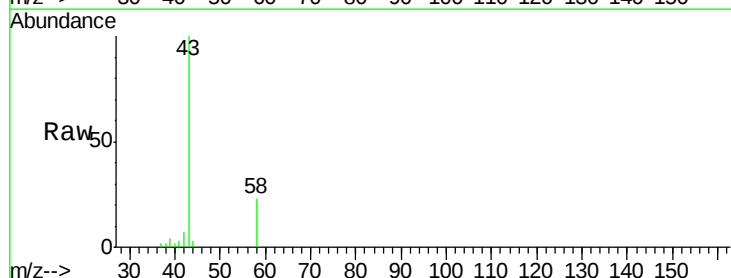
Acq: 24 Apr 2019 15:53

Tgt Ion: 43 Resp: 71998

Ion Ratio Lower Upper

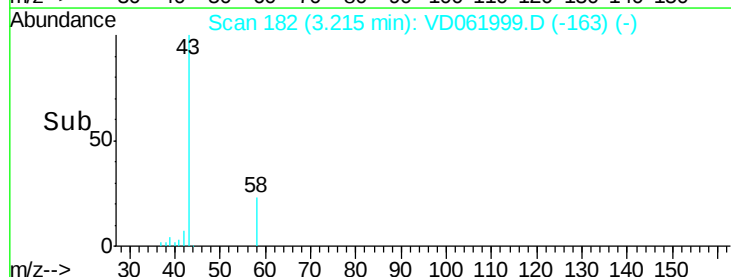
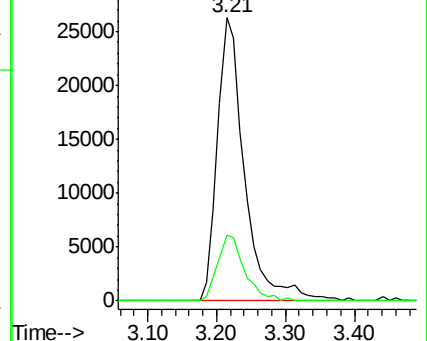
43 100

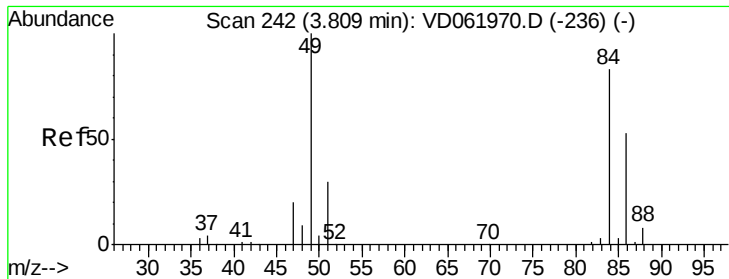
58 23.2 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

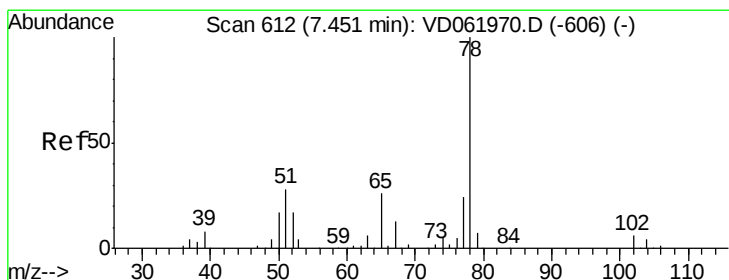
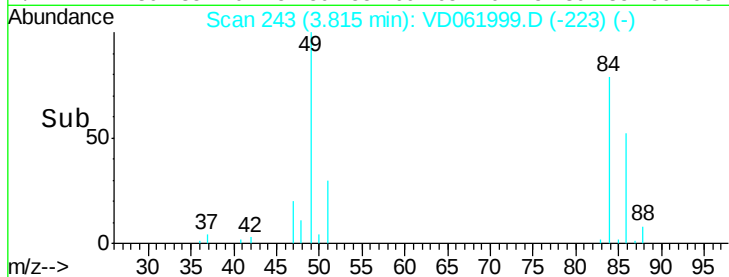
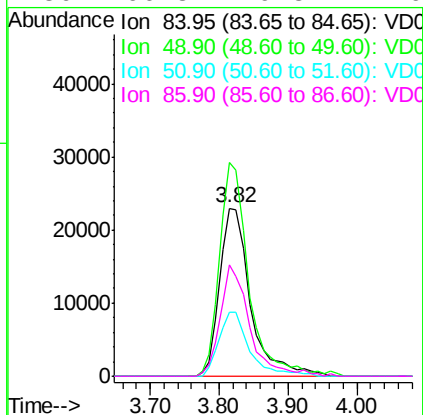
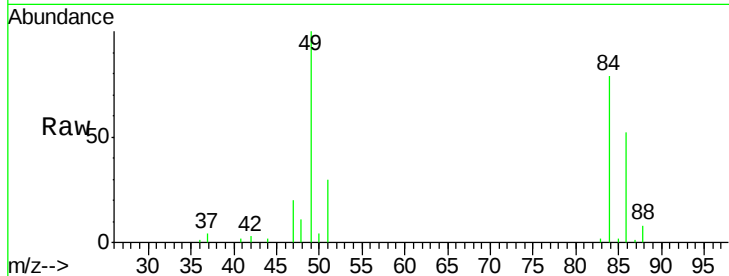




#20
Methylene Chloride
Concen: 15.019 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061999.D
Acq: 24 Apr 2019 15:53

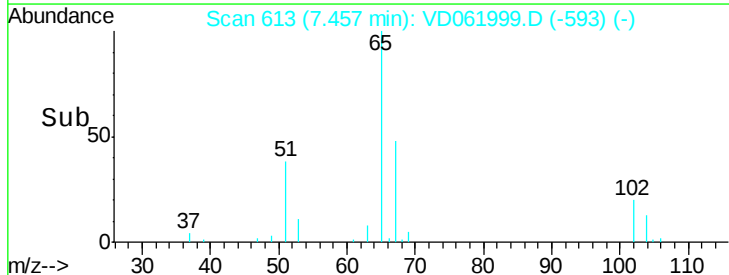
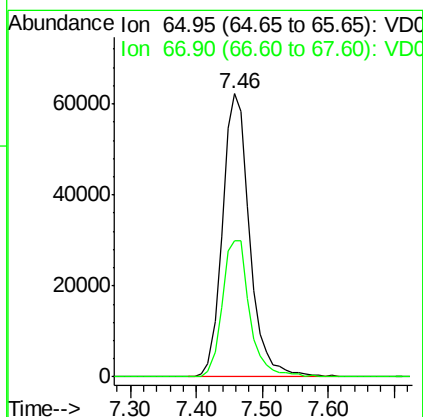
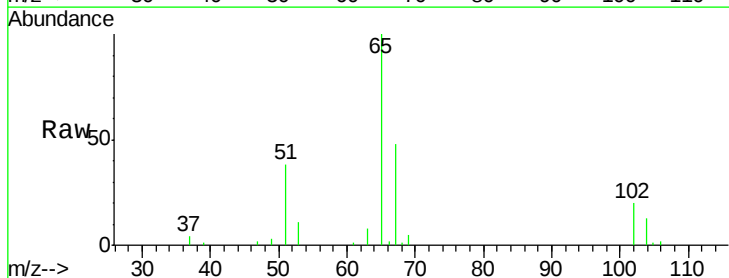
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-B

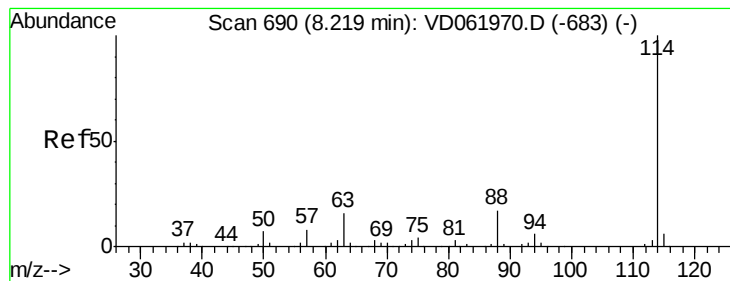
Tot Ion: 84 Resp: 71337
Ion Ratio Lower Upper
84 100
49 127.1 94.0 141.0
51 38.5 29.0 43.4
86 66.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 50.436 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD061999.D
Acq: 24 Apr 2019 15:53

Tgt Ion: 65 Resp: 179441
Ion Ratio Lower Upper
65 100
67 48.0 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD061999.D

Acq: 24 Apr 2019 15:53

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE-B

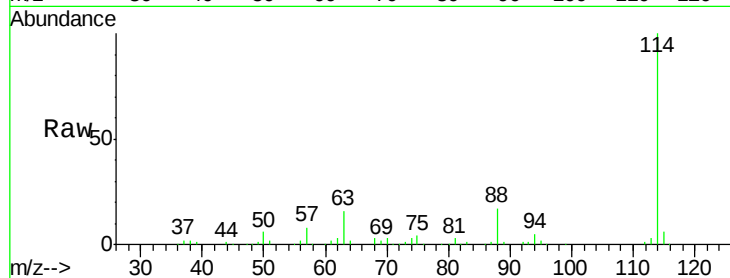
Tot Ion:114 Resp: 787906

Ion Ratio Lower Upper

114 100

63 15.8 0.0 32.4

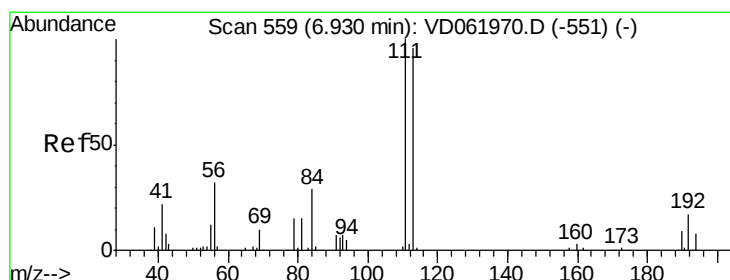
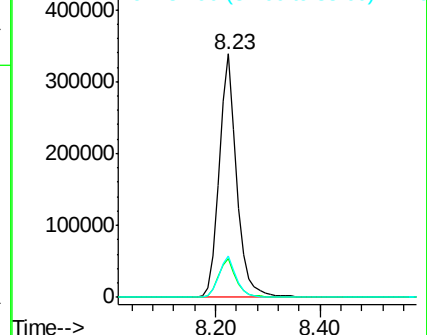
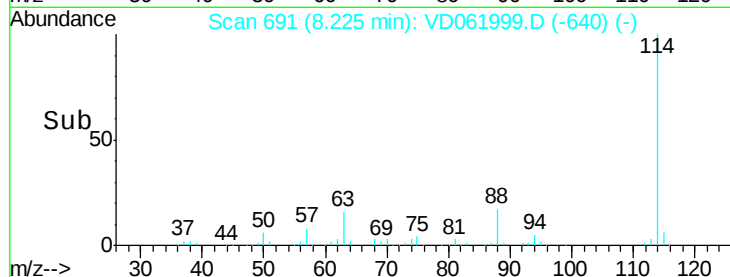
88 16.8 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.831 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD061999.D

Acq: 24 Apr 2019 15:53

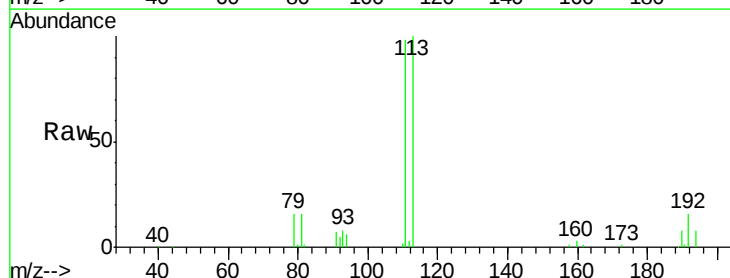
Tgt Ion:113 Resp: 276982

Ion Ratio Lower Upper

113 100

111 97.8 78.5 117.7

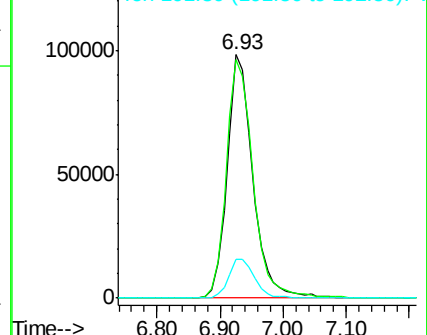
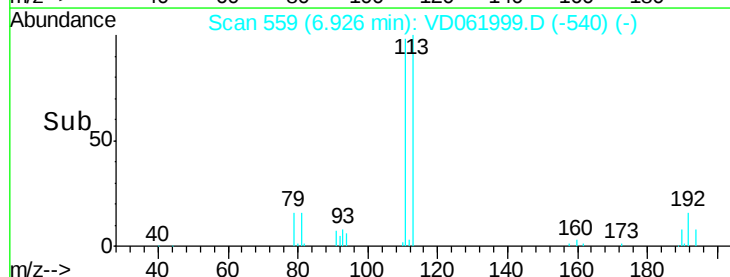
192 16.1 13.0 19.4

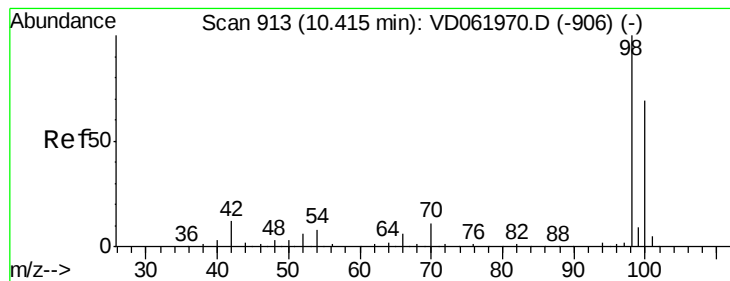


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 41.663 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD061999.D

Acq: 24 Apr 2019 15:53

Instrument :

MSVOA_D

ClientSampleId :

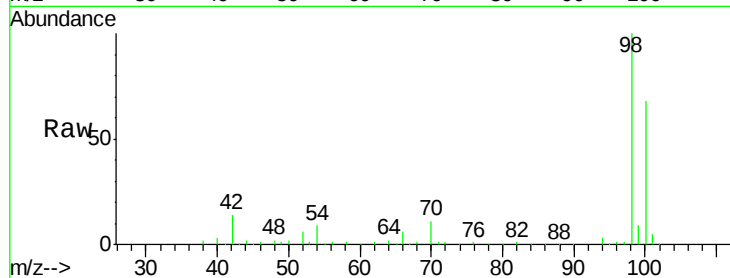
SOIL-PILE-B

Tot Ion: 98 Resp: 540214

Ion Ratio Lower Upper

98 100

100 67.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

10.41

250000

200000

150000

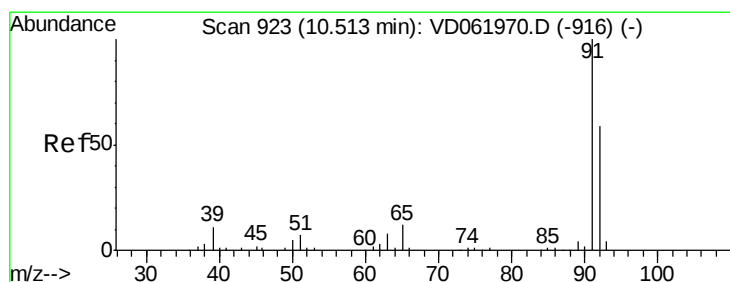
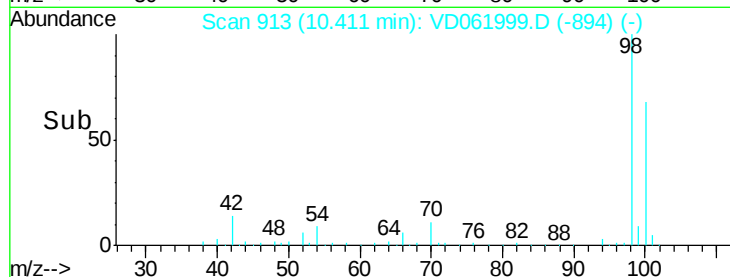
100000

50000

0

Time-->

10.30 10.40 10.50 10.60



#52

Toluene

Concen: 1.021 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: VD061999.D

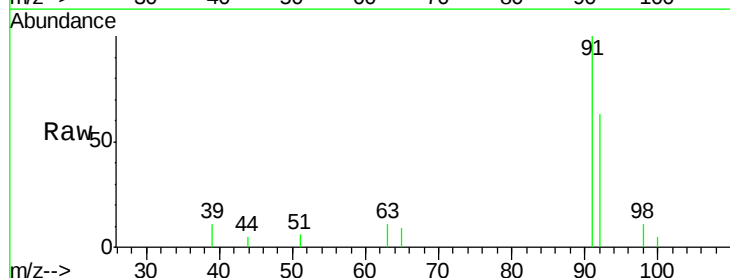
Acq: 24 Apr 2019 15:53

Tgt Ion: 92 Resp: 9890

Ion Ratio Lower Upper

92 100

91 157.8 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VD061970.D (-916) (-)

Ion 91.00 (90.70 to 91.70): VD061970.D (-916) (-)

10.52

8000

6000

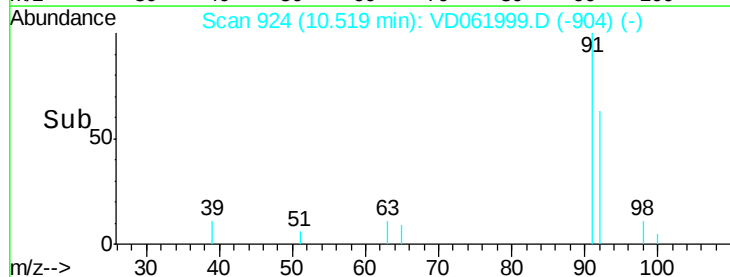
4000

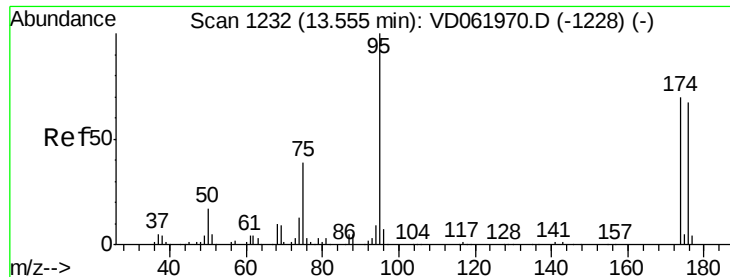
2000

0

Time-->

10.45 10.50 10.55 10.60

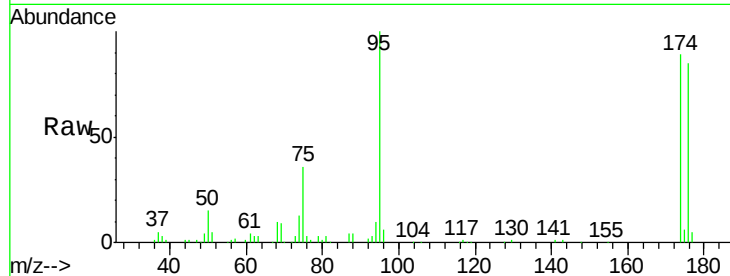




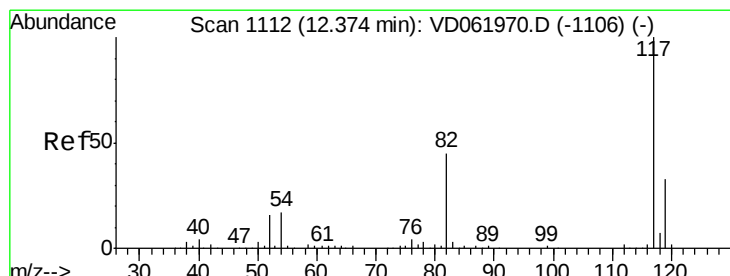
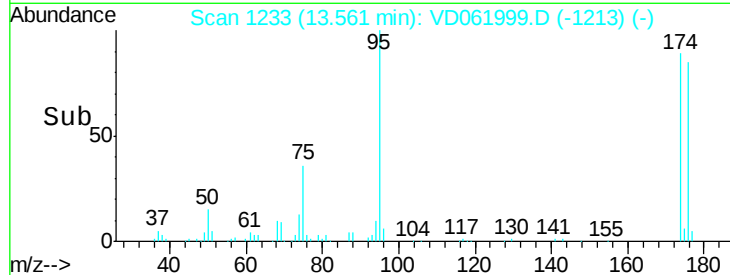
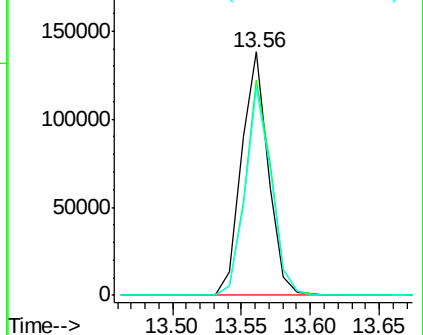
#62
4-Bromofluorobenzene
Concen: 35.977 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061999.D
Acq: 24 Apr 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-B

Tot Ion: 95 Resp: 187102
Ion Ratio Lower Upper
95 100
174 88.6 0.0 181.8
176 85.5 0.0 174.4

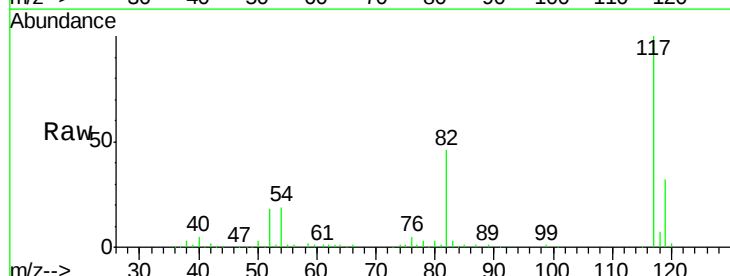


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

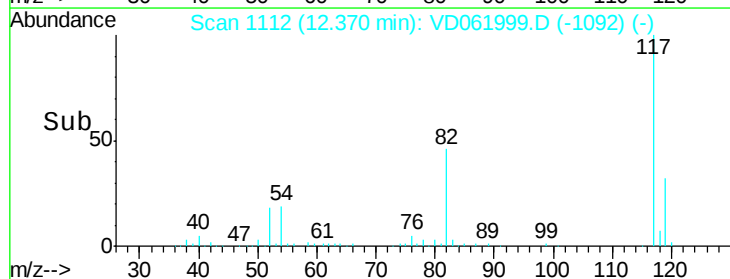
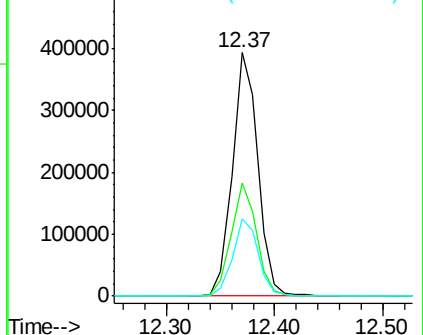


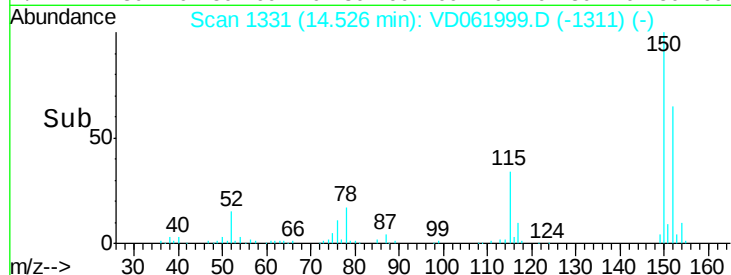
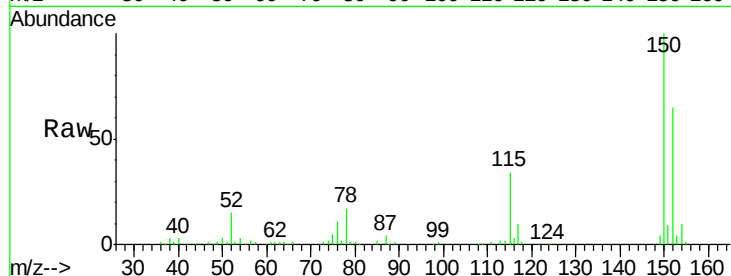
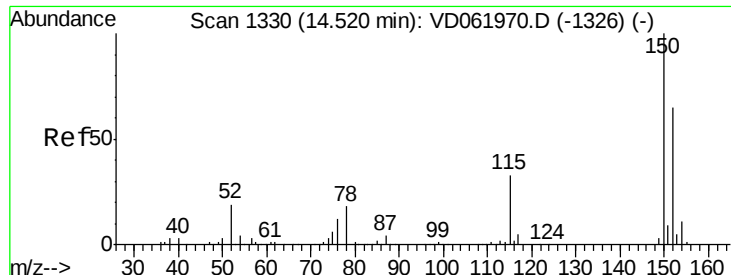
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061999.D
Acq: 24 Apr 2019 15:53

Tgt Ion: 117 Resp: 643038
Ion Ratio Lower Upper
117 100
82 46.3 36.2 54.2
119 31.9 26.2 39.4



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: 14.53 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD061999.D
 Acq: 24 Apr 2019 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.2	30.9	92.7
150	154.2	0.0	314.8

