

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061522.D
 Acq On : 2 Apr 2019 18:53
 Operator : VA/AP
 Sample : K2186-07
 Misc : 6.76g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-TRACK-86-87-SOIL

Quant Time: Apr 03 02:50:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

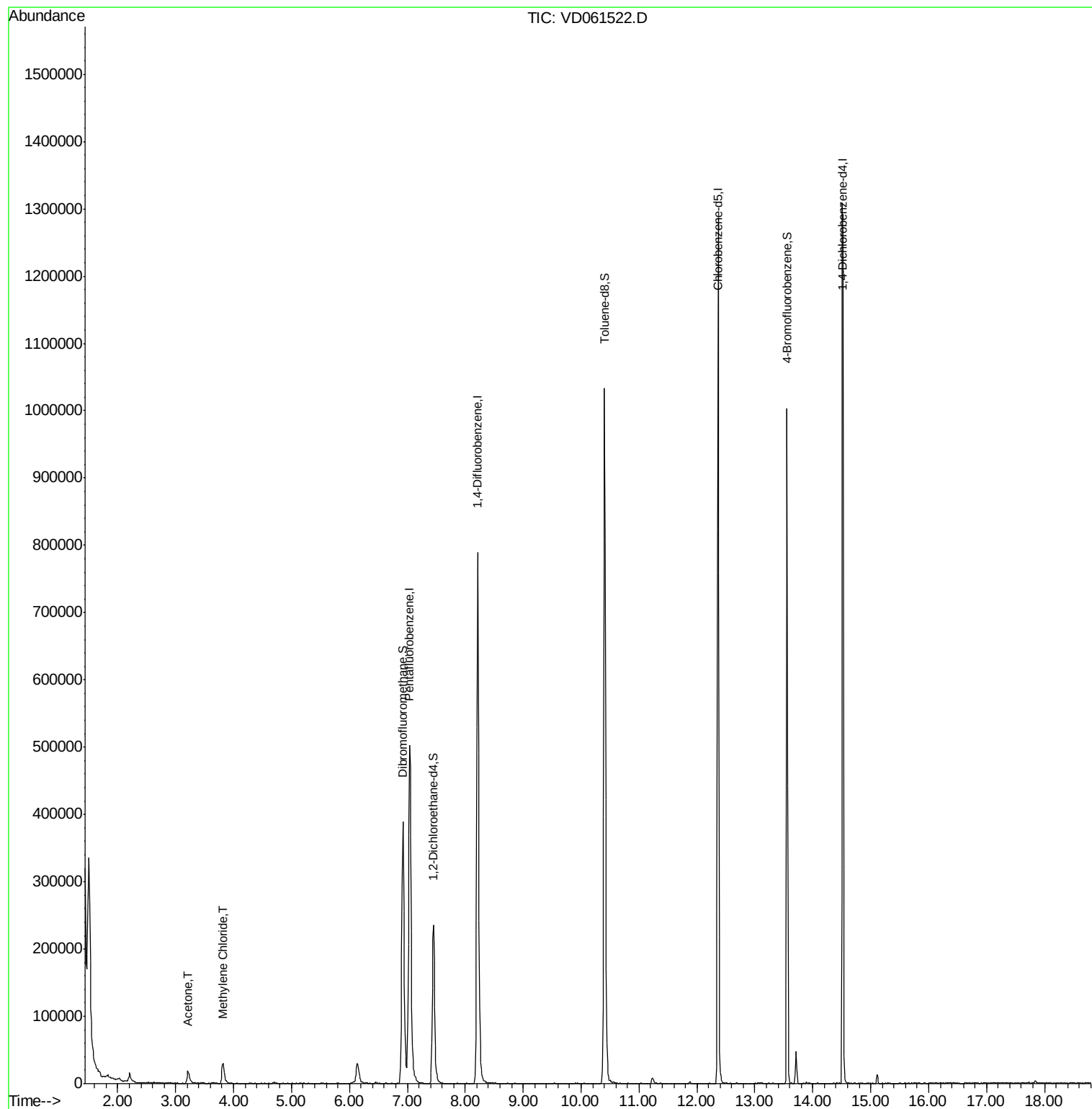
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	540328	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	968819	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	765881	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	347774	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	235942	51.12	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	6.92	113	388952	52.54	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.08%	
50) Toluene-d8	10.41	98	890810	50.17	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	13.56	95	320870	47.12	ug/l	0.01
Spiked Amount 50.000			Recovery	=	94.24%	
Target Compounds						
16) Acetone	3.21	43	39685	33.446	ug/l #	89
20) Methylene Chloride	3.82	84	25165	1.940	ug/l	96

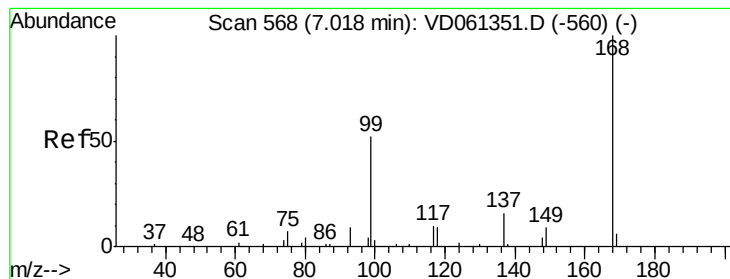
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061522.D

Acq: 2 Apr 2019 18:53

Instrument :

MSVOA_D

ClientSampleId :

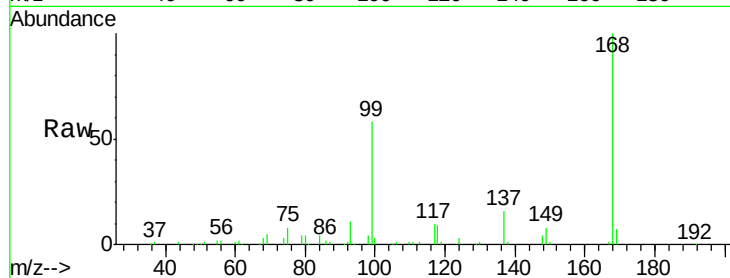
TP-TRACK-86-87-SOIL

Tot Ion:168 Resp: 540328

Ion Ratio Lower Upper

168 100

99 58.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

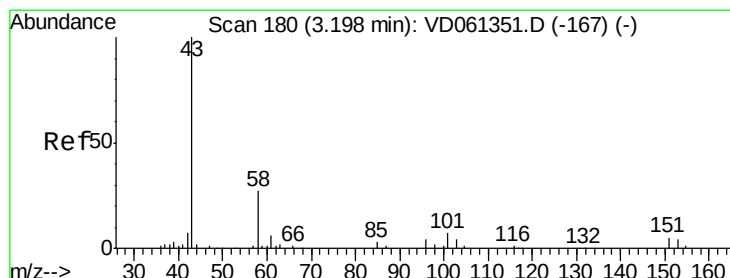
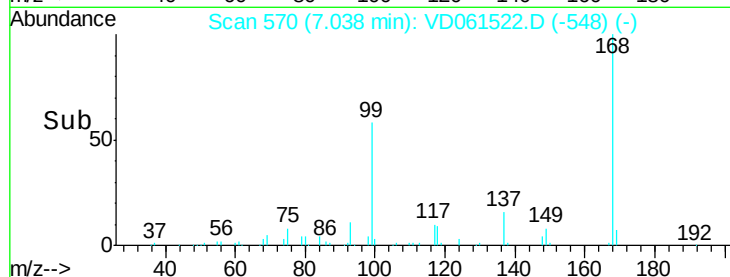
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 33.446 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD061522.D

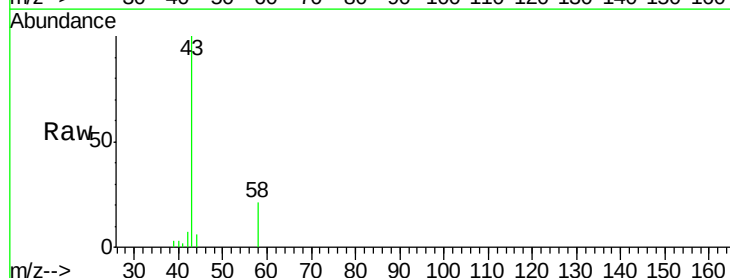
Acq: 2 Apr 2019 18:53

Tgt Ion: 43 Resp: 39685

Ion Ratio Lower Upper

43 100

58 21.1 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

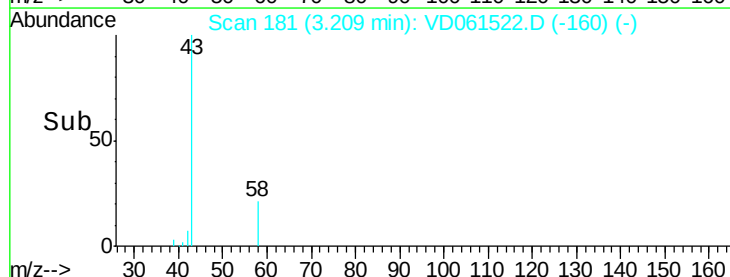
15000

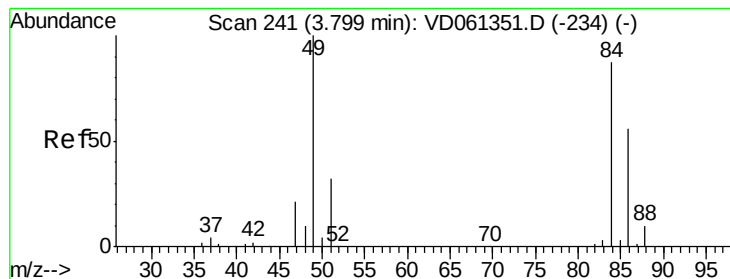
10000

5000

0

Time--> 3.10 3.20 3.30





#20

Methylene Chloride

Concen: 1.940 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061522.D

Acq: 2 Apr 2019 18:53

Instrument :

MSVOA_D

ClientSampleId :

TP-TRACK-86-87-SOIL

Tot Ion: 84 Resp: 25165

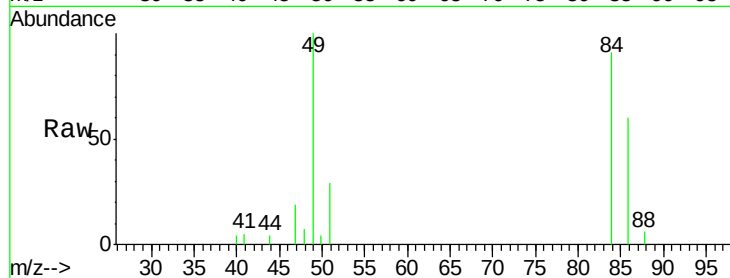
Ion Ratio Lower Upper

84 100

49 110.2 91.8 137.8

51 32.3 29.8 44.8

86 66.3 51.8 77.6

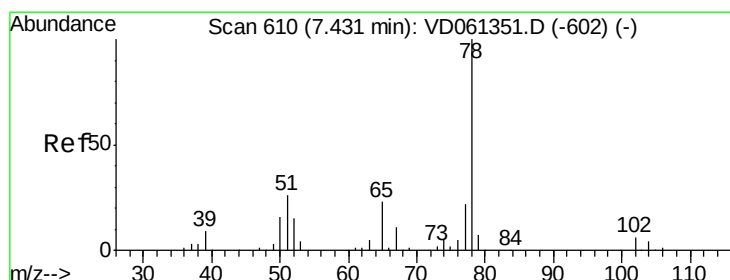
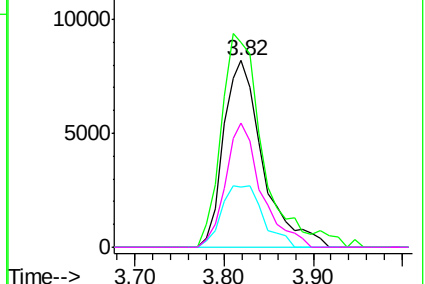
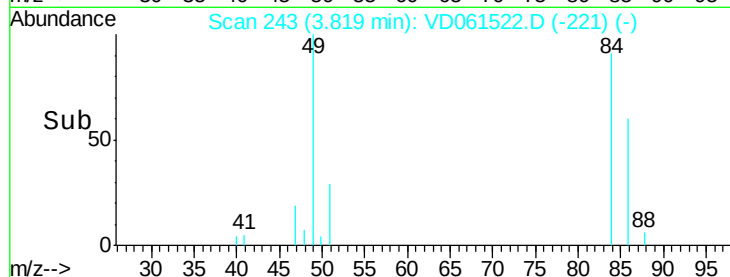


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061522.D

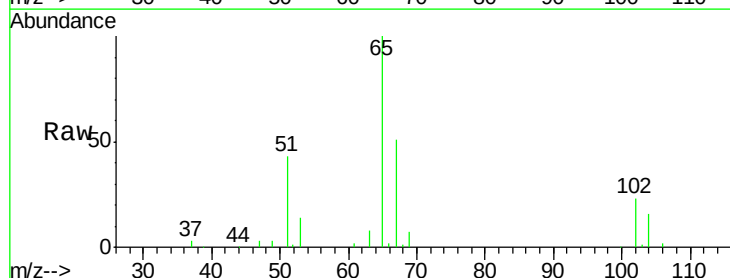
Acq: 2 Apr 2019 18:53

Tgt Ion: 65 Resp: 235942

Ion Ratio Lower Upper

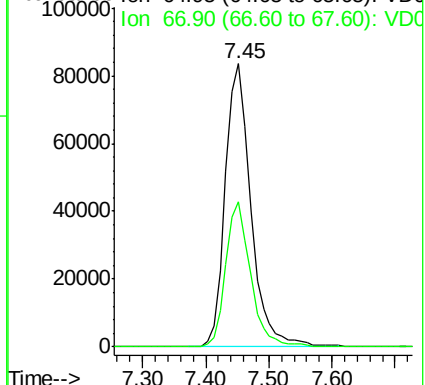
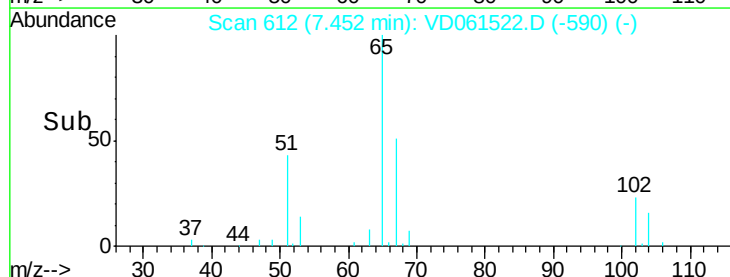
65 100

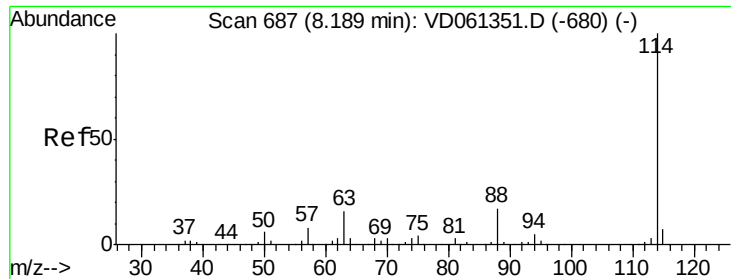
67 51.5 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

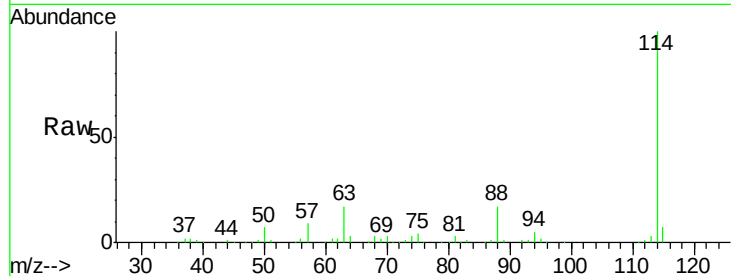




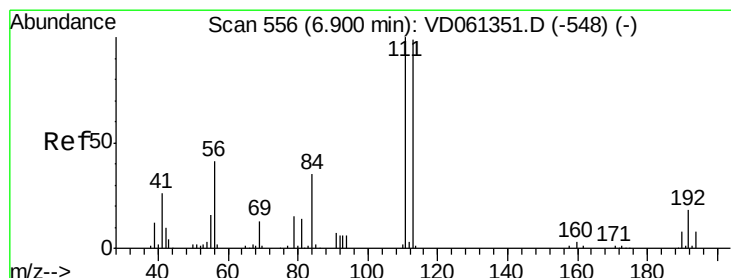
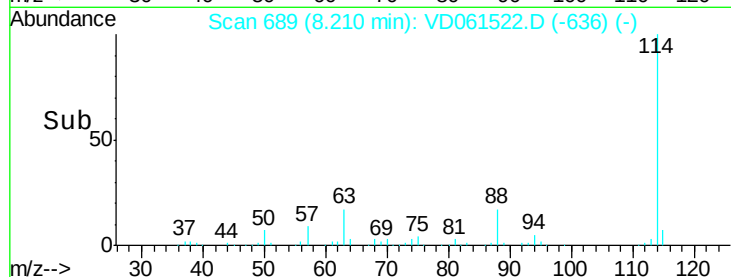
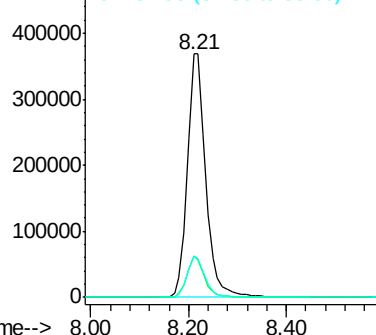
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061522.D
 Acq: 2 Apr 2019 18:53

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-TRACK-86-87-SOIL

Tot Ion:114 Resp: 968819
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 31.6
 88 17.2 0.0 33.4

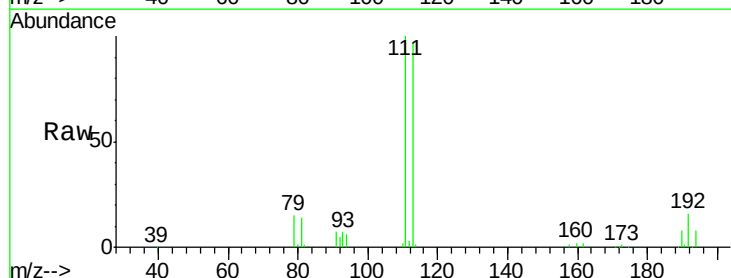


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

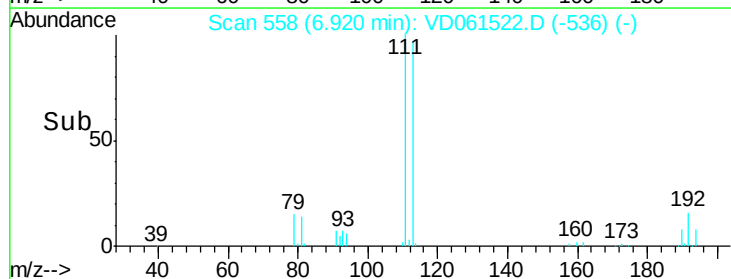
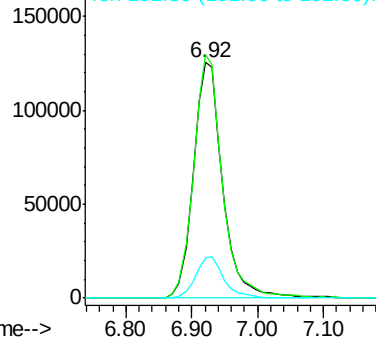


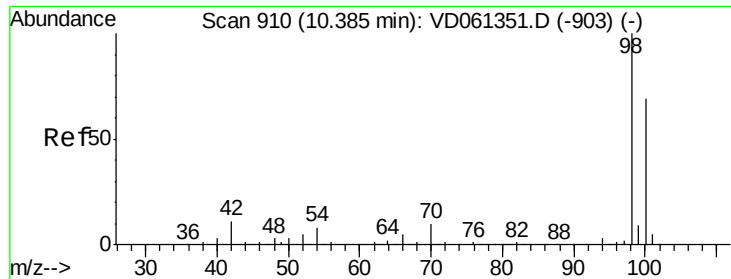
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061522.D
 Acq: 2 Apr 2019 18:53

Tgt Ion:113 Resp: 388952
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.0 121.6
 192 17.0 14.4 21.6



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: N.D. ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.02 min

Lab File: VD061522.D

Acq: 2 Apr 2019 18:53

Instrument :

MSVOA_D

ClientSampleId :

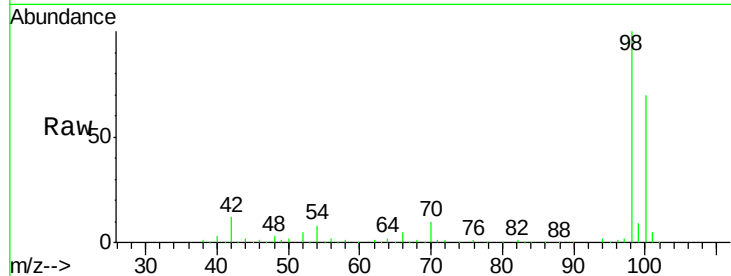
TP-TRACK-86-87-SOIL

Tot Ion: 98 Resp: 890810

Ion Ratio Lower Upper

98 100

100 69.9 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.41

400000

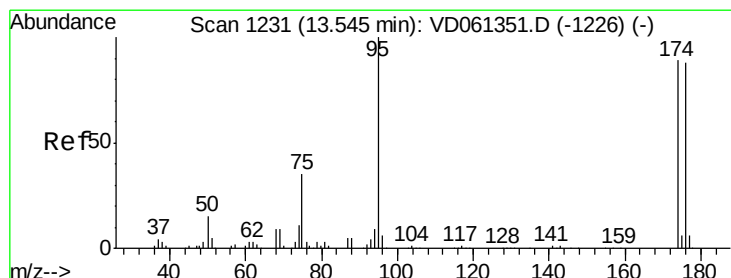
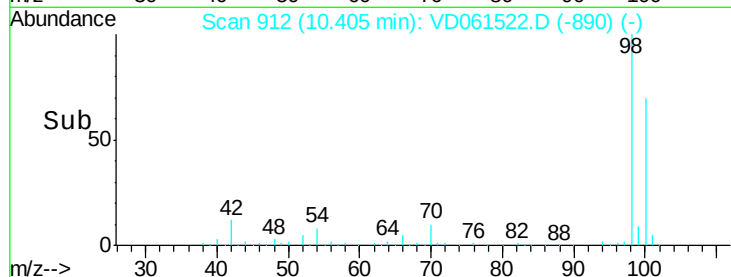
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061522.D

Acq: 2 Apr 2019 18:53

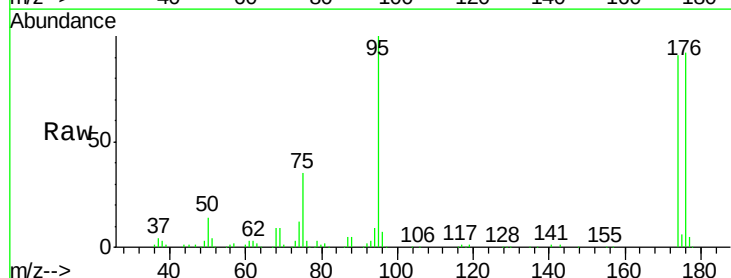
Tgt Ion: 95 Resp: 320870

Ion Ratio Lower Upper

95 100

174 91.4 0.0 178.0

176 91.8 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

300000

250000

200000

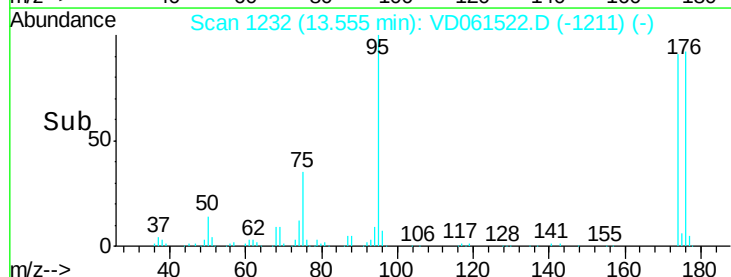
150000

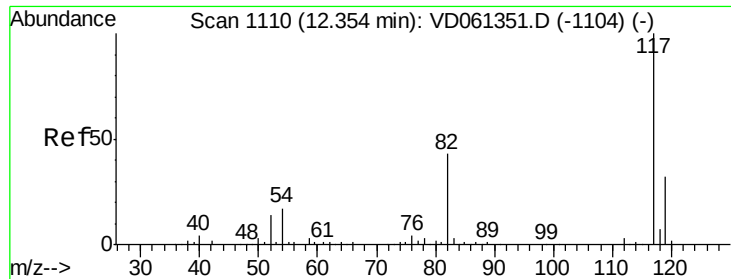
100000

50000

0

Time-->

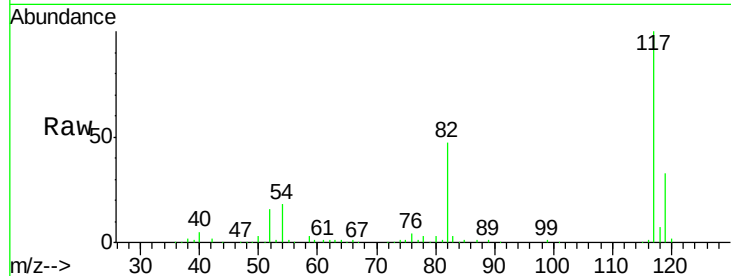




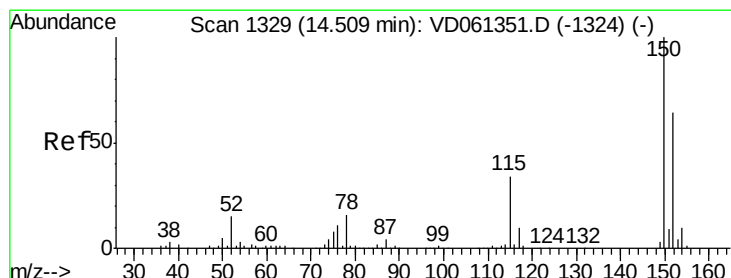
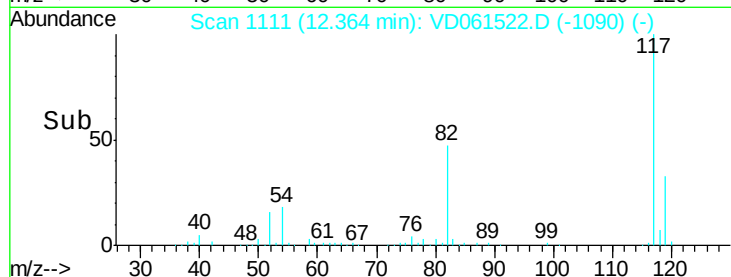
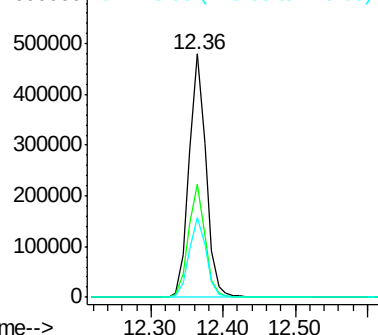
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061522.D
Acq: 2 Apr 2019 18:53

Instrument :
MSVOA_D
ClientSampleId :
TP-TRACK-86-87-SOIL

Tot Ion:117 Resp: 765881
Ion Ratio Lower Upper
117 100
82 46.7 34.4 51.6
119 32.6 25.8 38.6

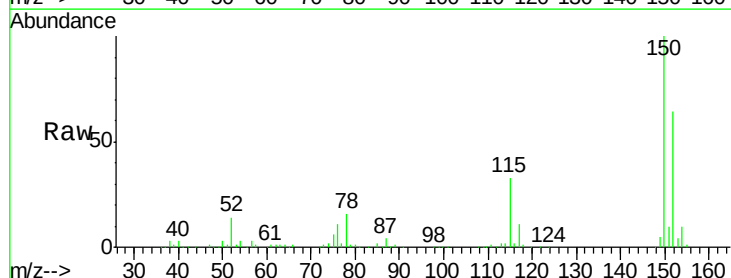


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061522.D
Acq: 2 Apr 2019 18:53

Tgt Ion:152 Resp: 347774
Ion Ratio Lower Upper
152 100
115 51.8 26.9 80.6
150 155.5 0.0 318.0



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

