

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042219\
 Data File : VD061951.D
 Acq On : 22 Apr 2019 21:03
 Operator : VA/AP
 Sample : K2510-03
 Misc : 5.52g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE-B

Quant Time: Apr 23 00:50:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

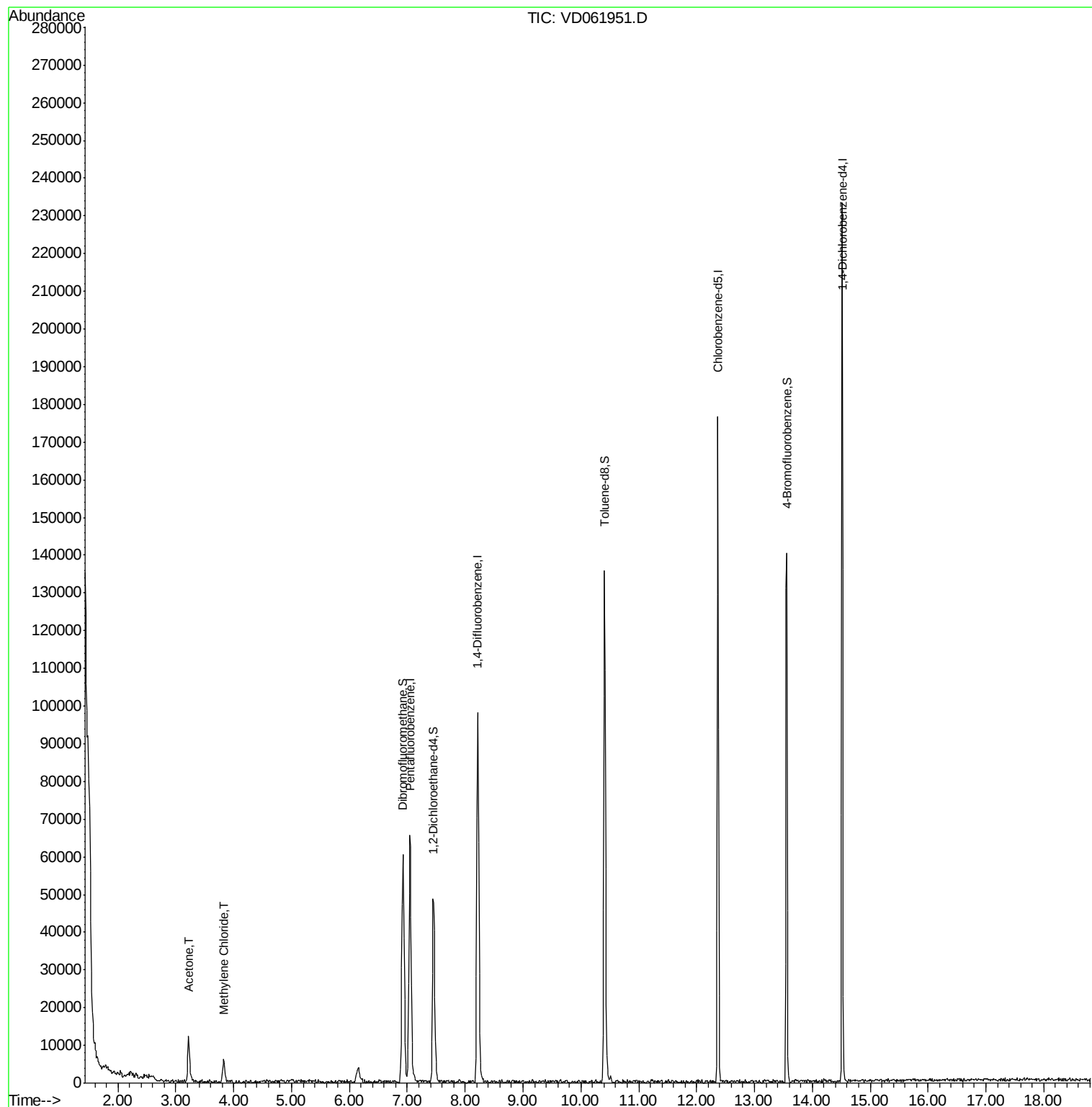
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	69777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	124647	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	107932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	50853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	53432	91.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	182.74%	
35) Dibromofluoromethane	6.93	113	58424	62.04	ug/l	0.01
Spiked Amount 50.000			Recovery	=	124.08%	
50) Toluene-d8	10.41	98	117831	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	13.55	95	48981	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
Target Compounds						
16) Acetone	3.22	43	23637	163.997	ug/l #	86
20) Methylene Chloride	3.83	84	4611	2.036	ug/l #	84

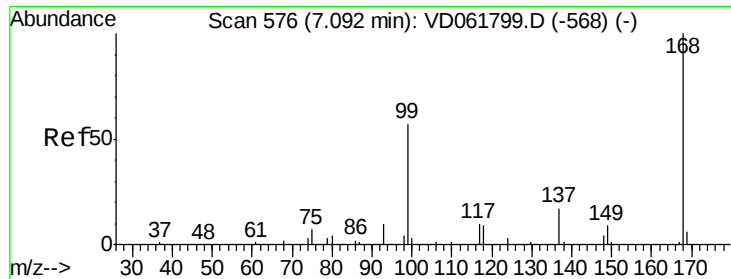
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD061951.D

Acq: 22 Apr 2019 21:03

Instrument :

MSVOA_D

ClientSampleId :

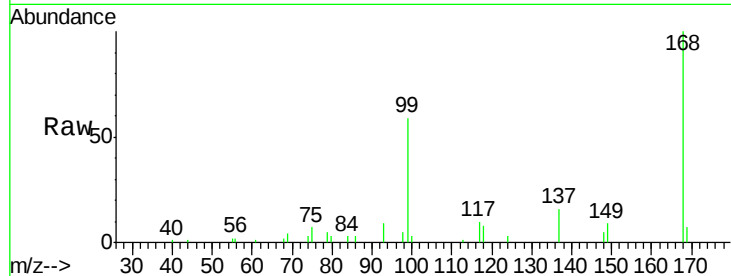
SOIL-PILE-B

Tot Ion:168 Resp: 69777

Ion Ratio Lower Upper

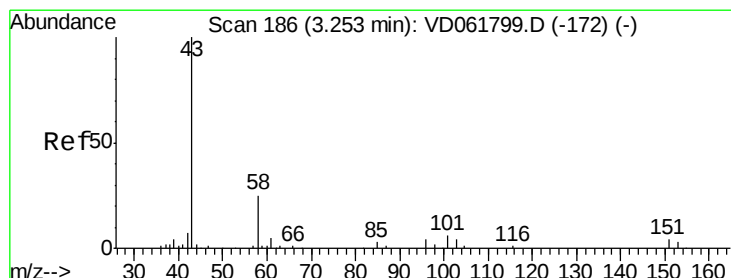
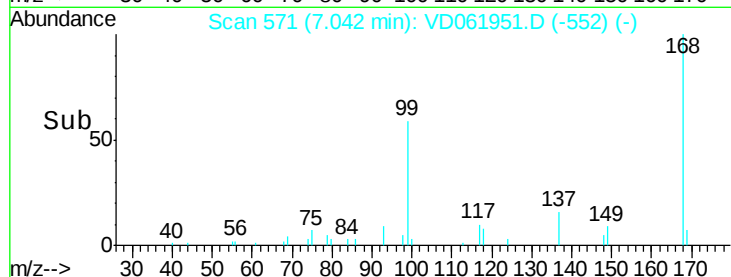
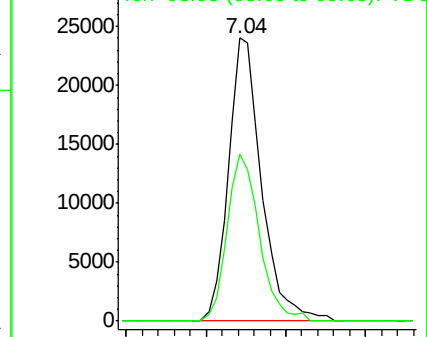
168 100

99 59.0 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: 163.997 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061951.D

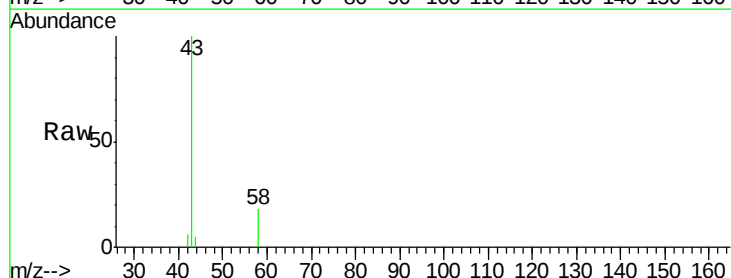
Acq: 22 Apr 2019 21:03

Tgt Ion: 43 Resp: 23637

Ion Ratio Lower Upper

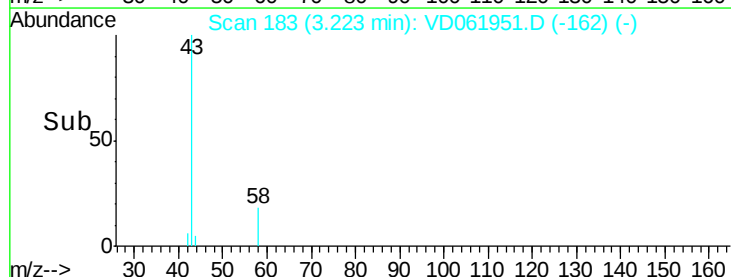
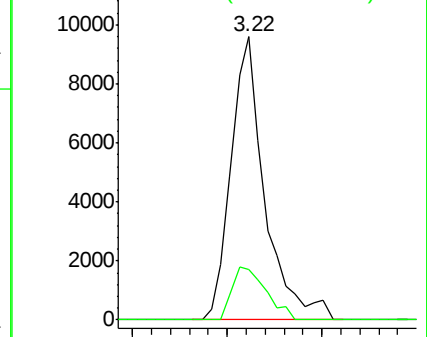
43 100

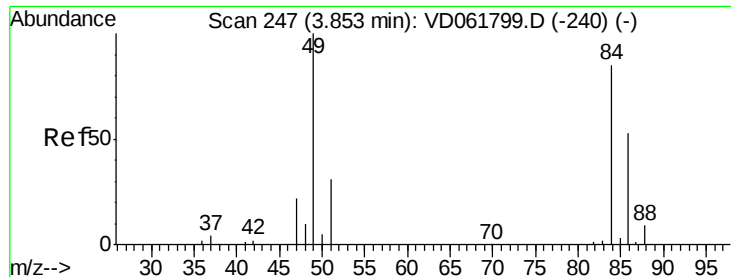
58 17.8 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

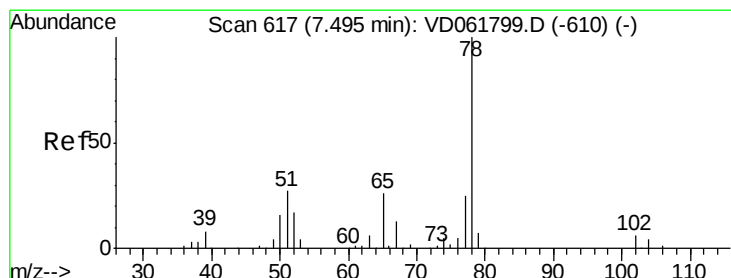
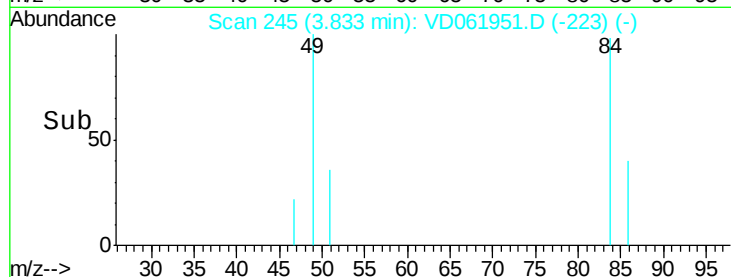
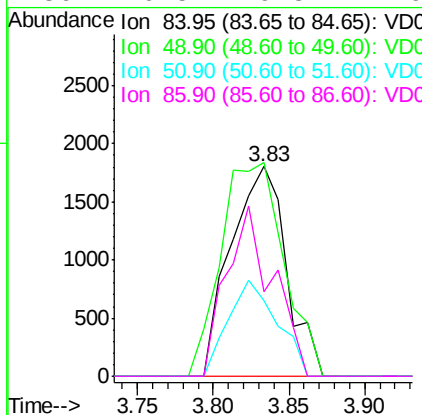
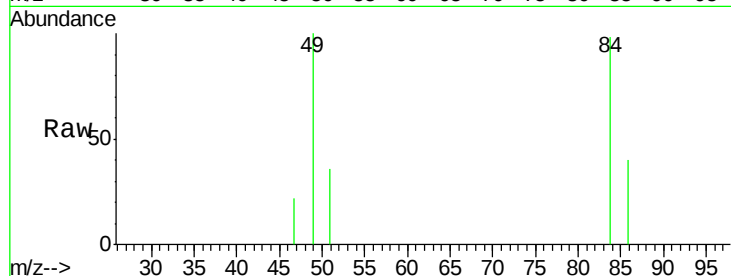




#20
Methylene Chloride
Concen: 2.036 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.02 min
Lab File: VD061951.D
Acq: 22 Apr 2019 21:03

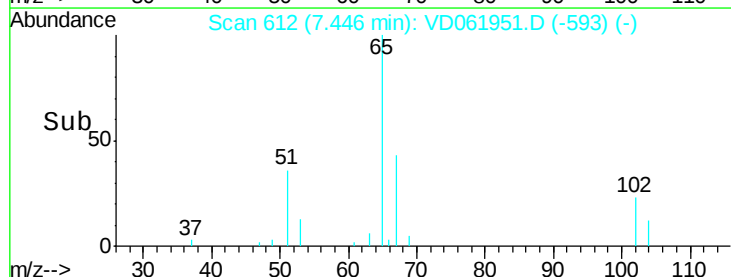
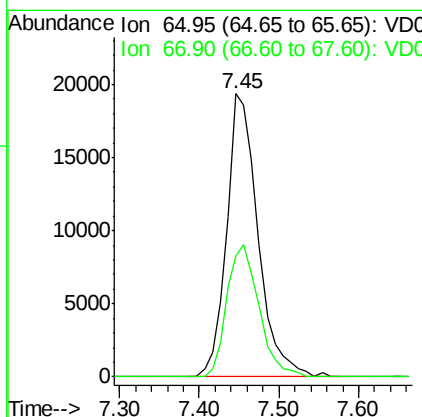
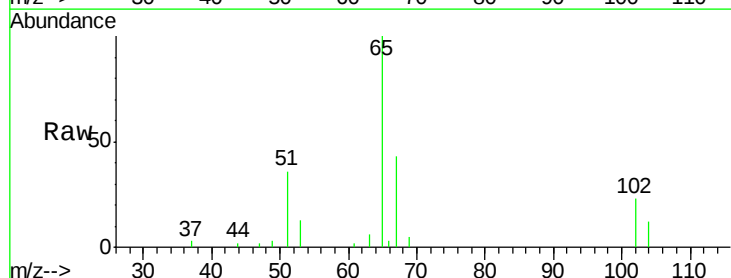
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-B

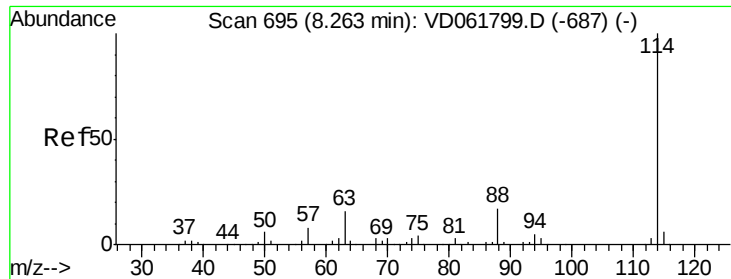
Tot Ion: 84 Resp: 4611
Ion Ratio Lower Upper
84 100
49 101.8 94.0 141.0
51 36.3 29.0 43.4
86 40.5 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061951.D
Acq: 22 Apr 2019 21:03

Tgt Ion: 65 Resp: 53432
Ion Ratio Lower Upper
65 100
67 42.6 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD061951.D

Acq: 22 Apr 2019 21:03

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE-B

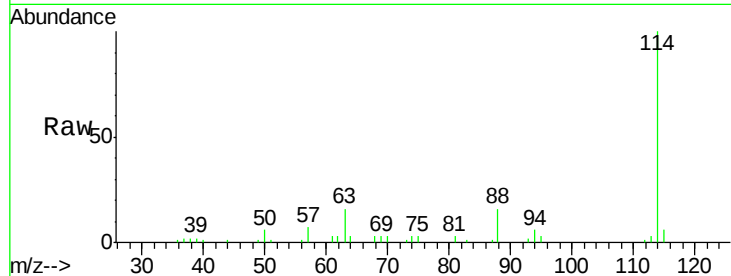
Tot Ion:114 Resp: 124647

Ion Ratio Lower Upper

114 100

63 15.6 0.0 32.4

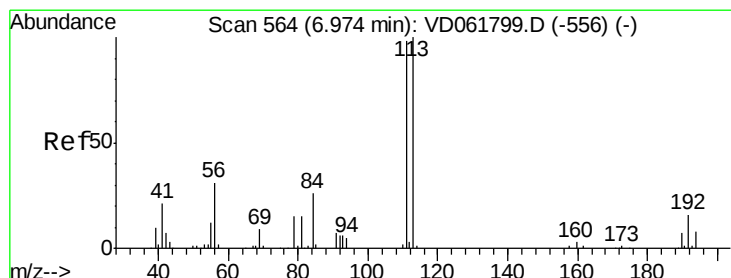
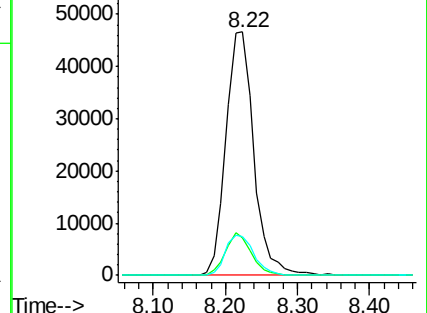
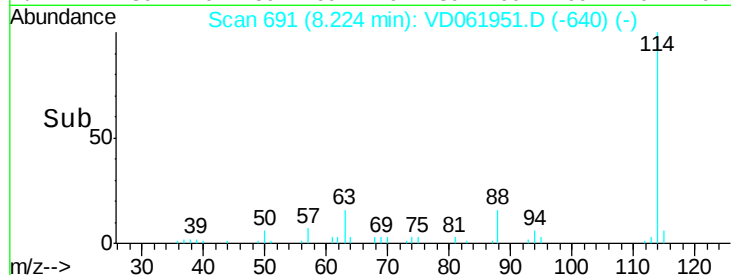
88 15.8 0.0 33.6



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: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061951.D

Acq: 22 Apr 2019 21:03

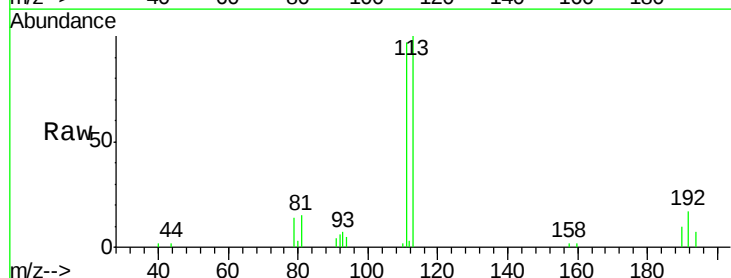
Tgt Ion:113 Resp: 58424

Ion Ratio Lower Upper

113 100

111 97.2 78.5 117.7

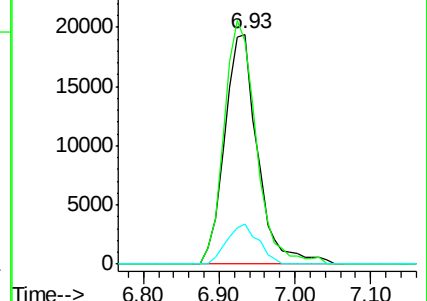
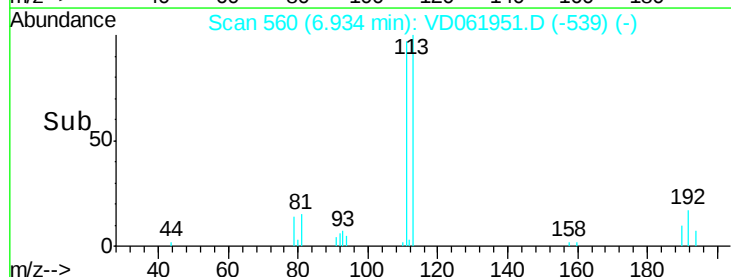
192 17.4 13.0 19.4

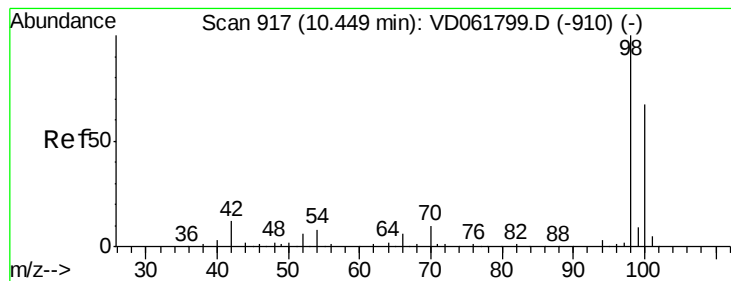


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD061951.D

Acq: 22 Apr 2019 21:03

Instrument :

MSVOA_D

ClientSampleId :

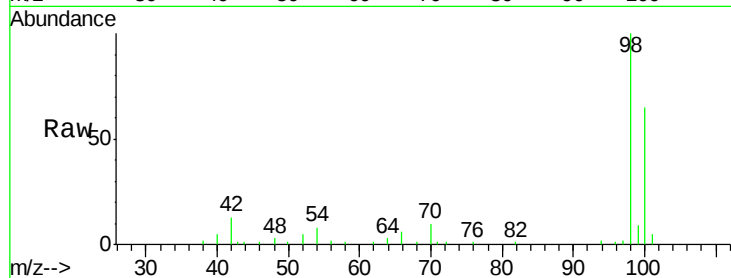
SOIL-PILE-B

Tot Ion: 98 Resp: 117831

Ion Ratio Lower Upper

98 100

100 64.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)

Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

10.41

60000

50000

40000

30000

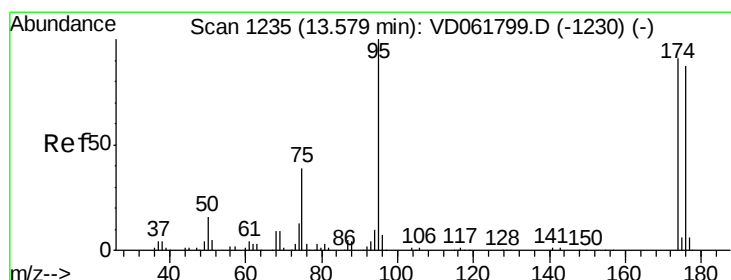
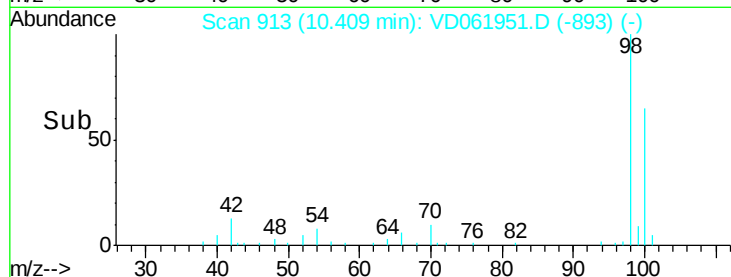
20000

10000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD061951.D

Acq: 22 Apr 2019 21:03

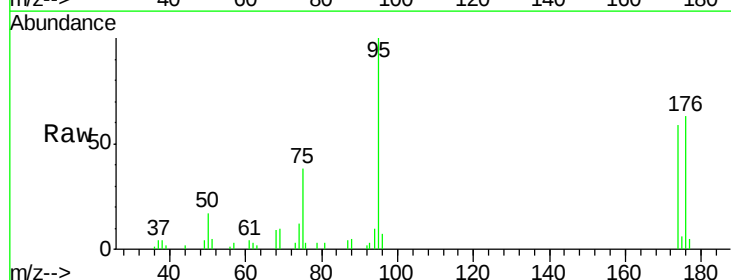
Tgt Ion: 95 Resp: 48981

Ion Ratio Lower Upper

95 100

174 58.8 0.0 181.8

176 63.1 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)

Ion 173.90 (173.60 to 174.60): VD061799.D (-1230) (-)

Ion 175.90 (175.60 to 176.60): VD061799.D (-1230) (-)

13.55

40000

30000

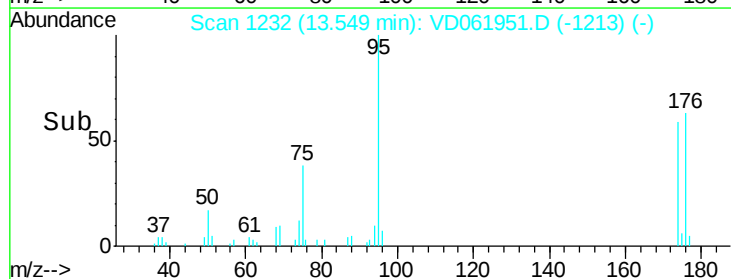
20000

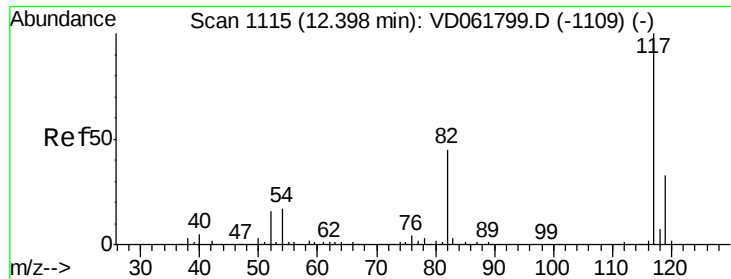
10000

0

Time-->

13.50 13.55 13.60

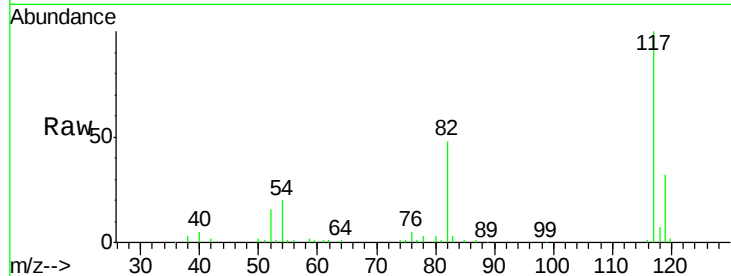




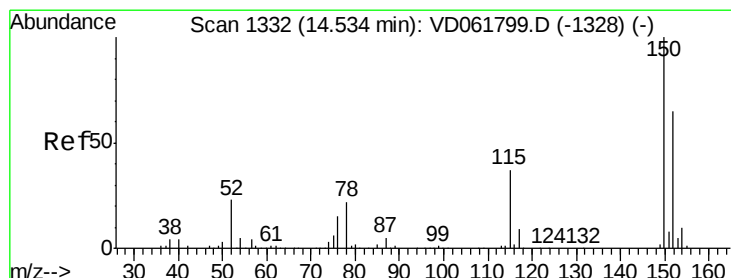
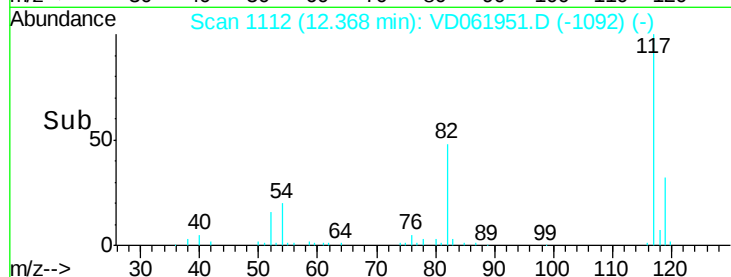
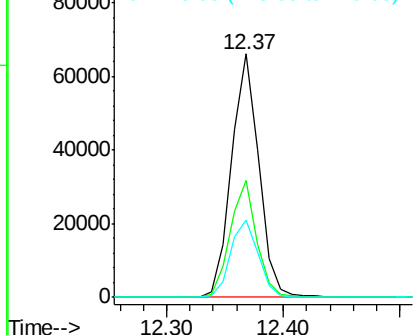
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061951.D
Acq: 22 Apr 2019 21:03

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-B

Tot Ion:117 Resp: 107932
Ion Ratio Lower Upper
117 100
82 47.8 36.2 54.2
119 31.6 26.2 39.4

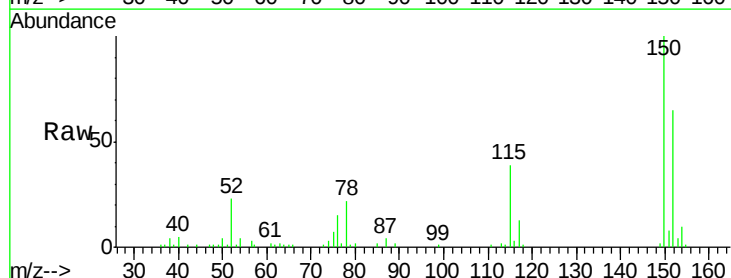


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061951.D
Acq: 22 Apr 2019 21:03

Tgt Ion:152 Resp: 50853
Ion Ratio Lower Upper
152 100
115 60.0 30.9 92.7
150 154.2 0.0 314.8



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

