

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001490.D
 Acq On : 08 May 2018 02:53
 Operator : JC/MD
 Sample : J2754-08 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LS-SOIL-PILE-1B

Quant Time: May 08 07:48:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

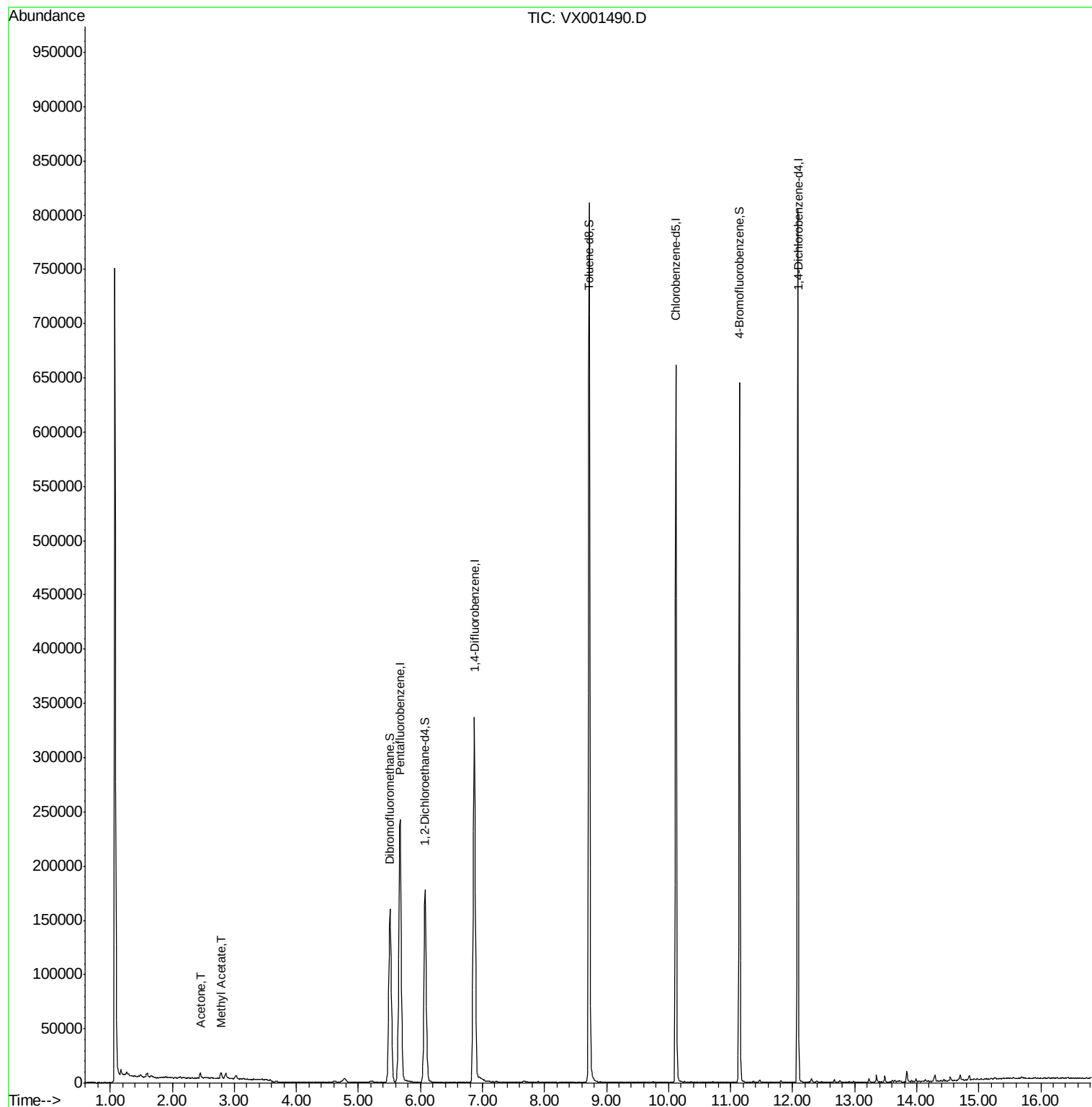
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169897	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
35) Dibromofluoromethane	5.51	113	132489	42.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.98%	
50) Toluene-d8	8.72	98	478218	42.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.02%	
62) 4-Bromofluorobenzene	11.14	95	157725	36.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.04%	
Target Compounds						
16) Acetone	2.45	43	5105	3.07	ug/l	99
18) Methyl Acetate	2.78	43	6503	1.49	ug/l	98

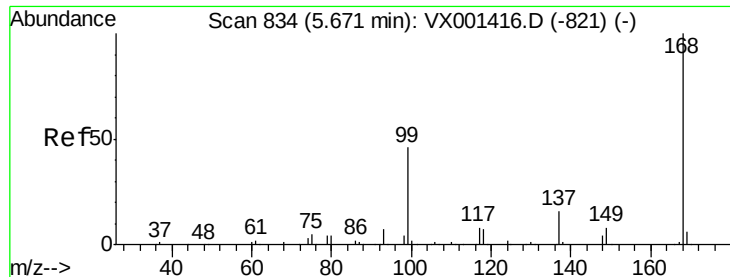
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001490.D

Acq: 08 May 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

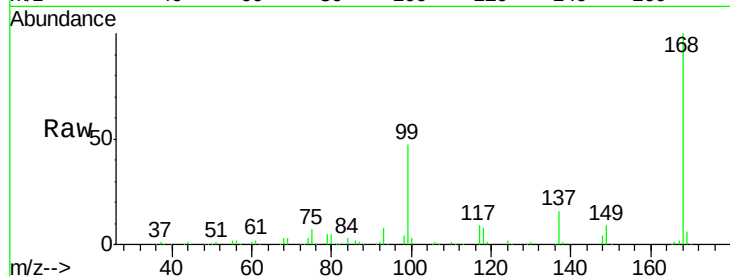
LS-SOIL-PILE-1B

Tot Ion:168 Resp: 254783

Ion Ratio Lower Upper

168 100

99 47.4 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

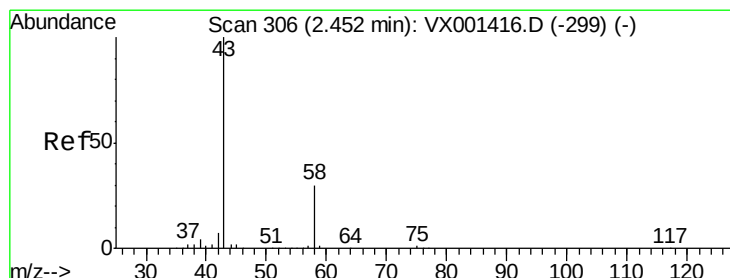
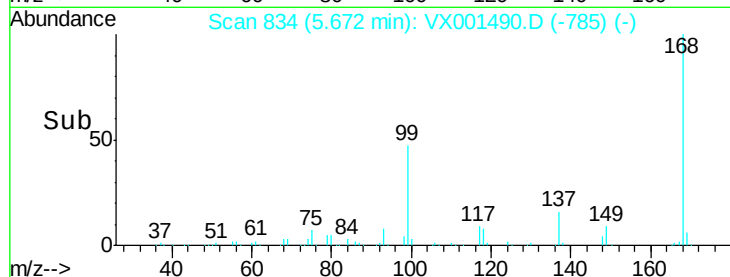
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.07 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001490.D

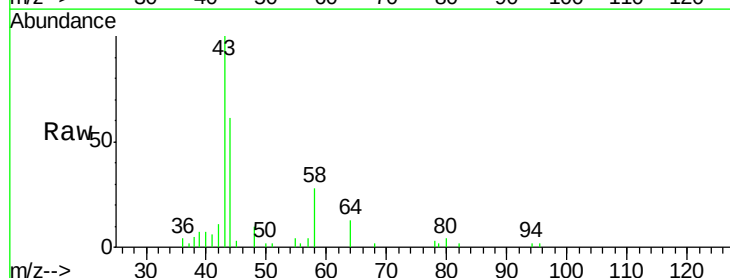
Acq: 08 May 2018 02:53

Tgt Ion: 43 Resp: 5105

Ion Ratio Lower Upper

43 100

58 29.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

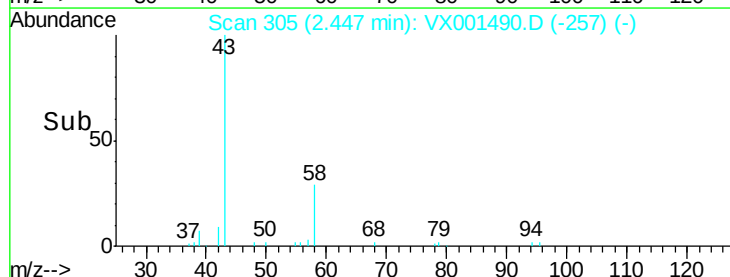
3000

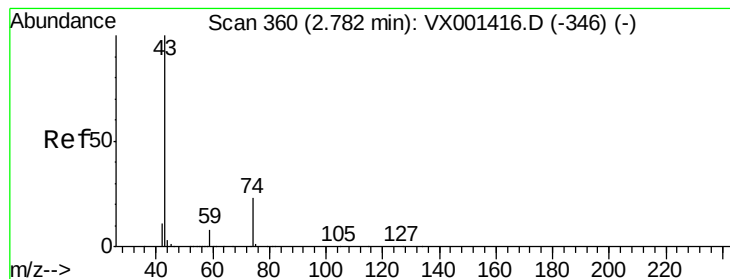
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#18

Methvl Acetate

Concen: 1.49 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001490.D

Acq: 08 May 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

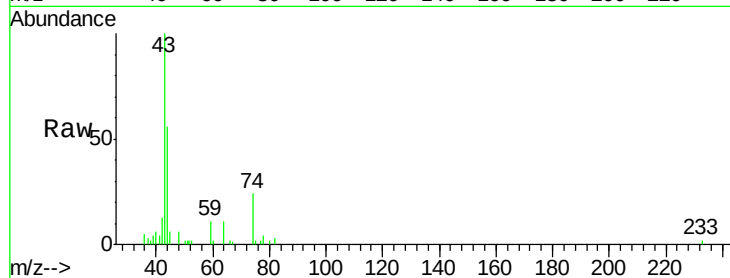
LS-SOIL-PILE-1B

Tot Ion: 43 Resp: 6503

Ion Ratio Lower Upper

43 100

74 24.2 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

4000

3000

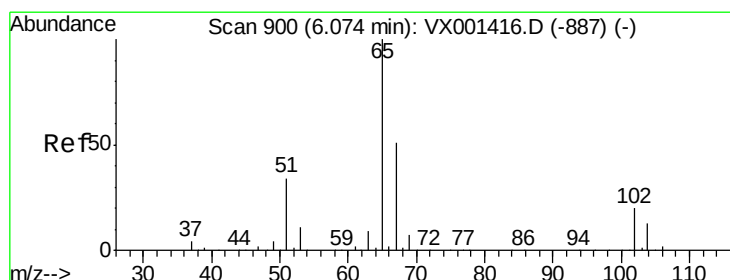
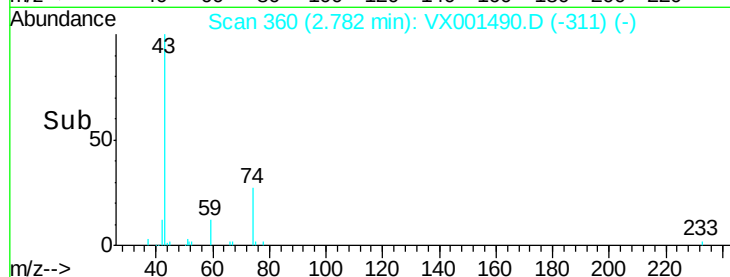
2000

1000

0

Time-->

2.70 2.75 2.80 2.85



#33

1,2-Dichloroethane-d4

Concen: 46.39 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001490.D

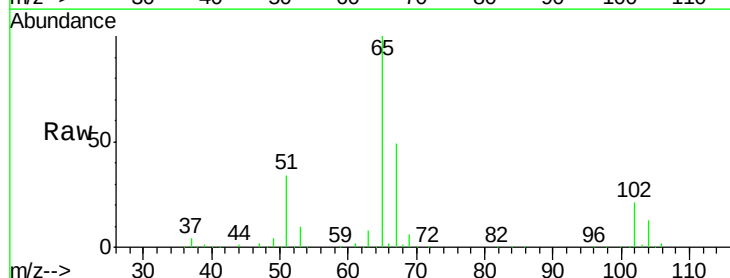
Acq: 08 May 2018 02:53

Tgt Ion: 65 Resp: 169897

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

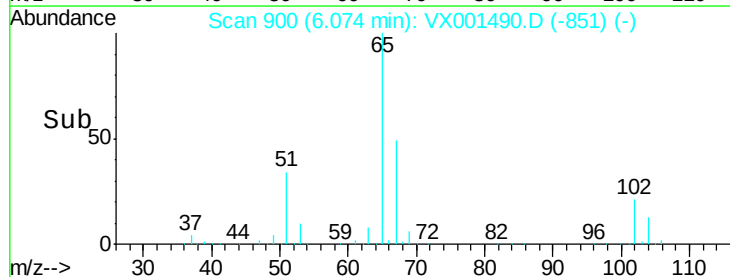
40000

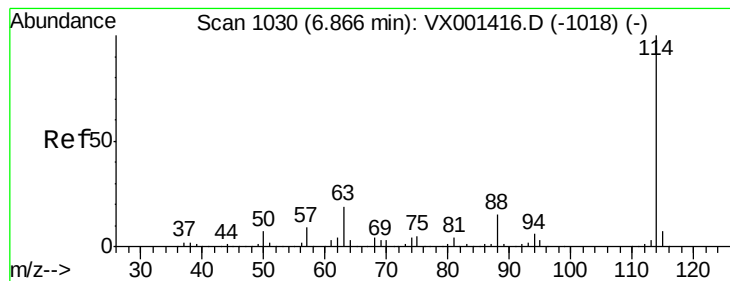
20000

0

Time-->

5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001490.D

Acq: 08 May 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

LS-SOIL-PILE-1B

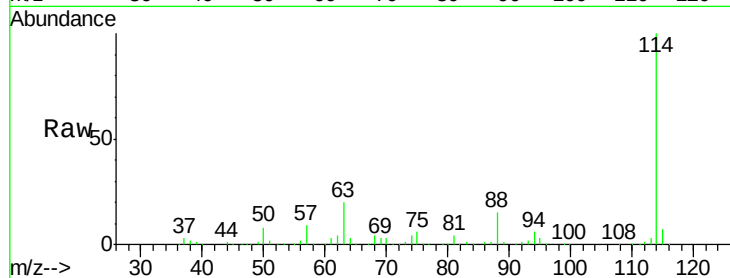
Tot Ion:114 Resp: 346509

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.6

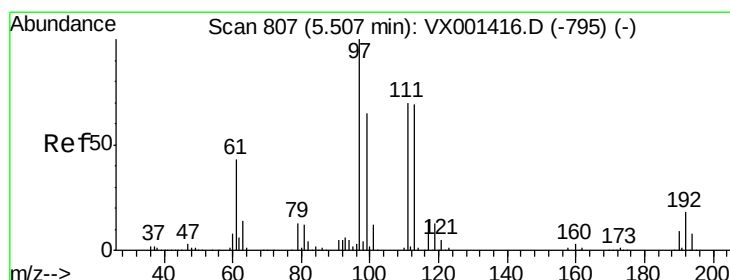
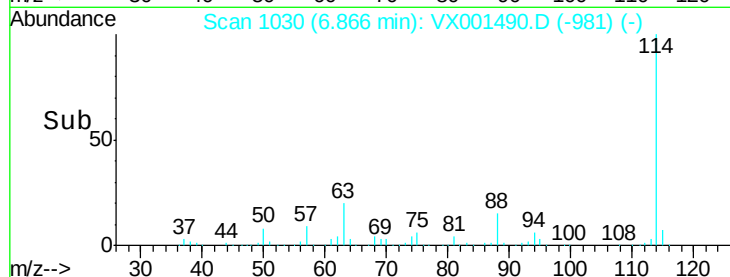
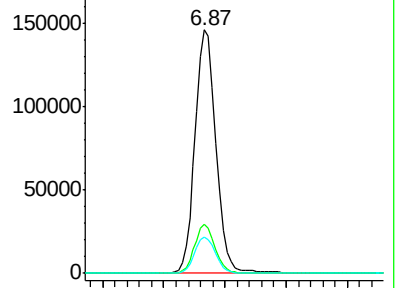
88 14.7 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 42.99 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001490.D

Acq: 08 May 2018 02:53

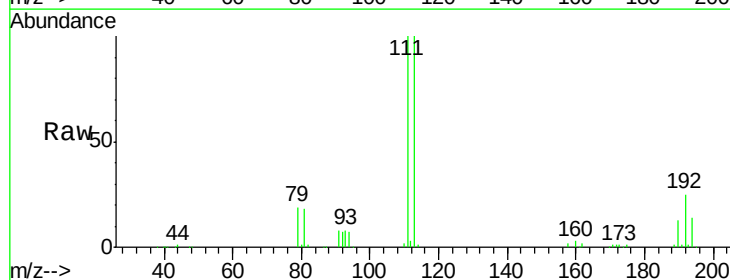
Tgt Ion:113 Resp: 132489

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.2

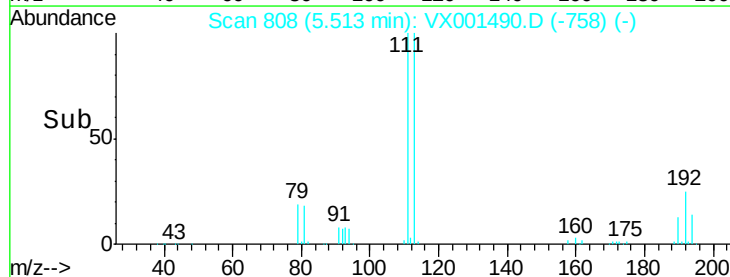
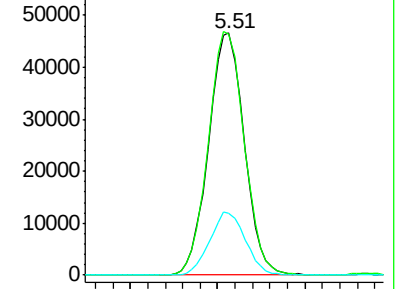
192 25.9 21.4 32.0

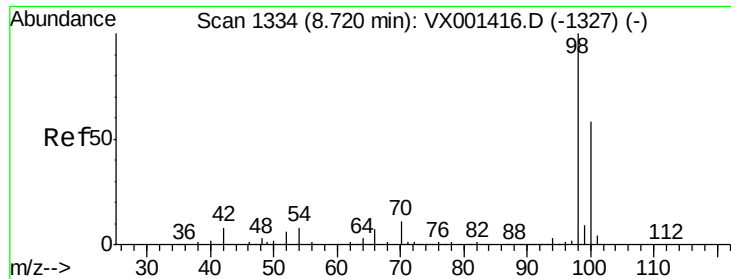


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

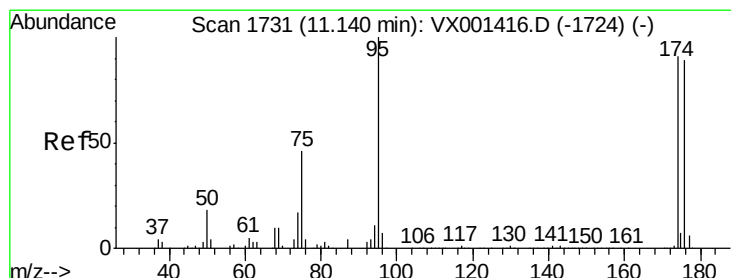
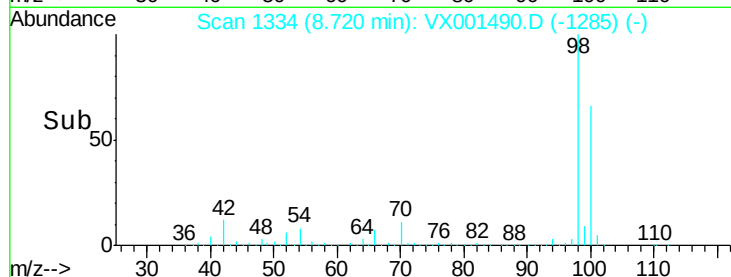
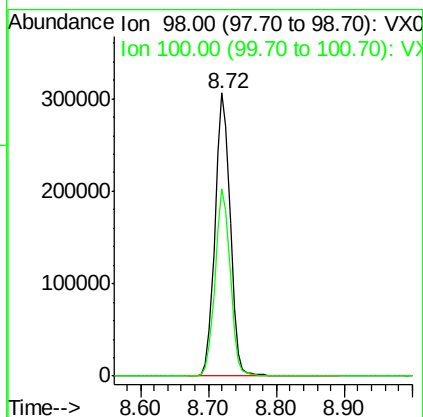
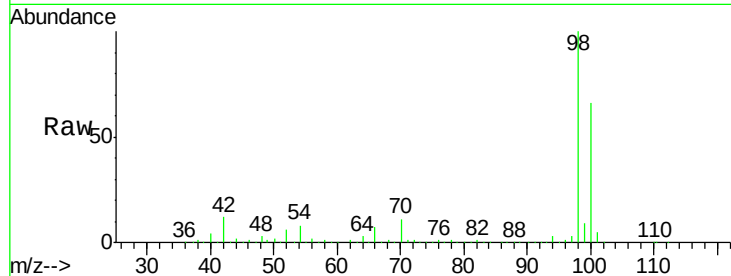




#50
Toluene-d8
Concen: 42.51 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001490.D
Acq: 08 May 2018 02:53

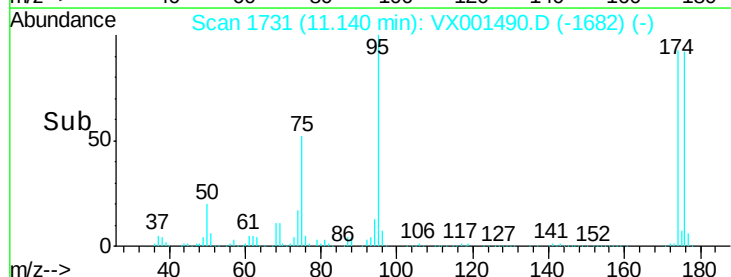
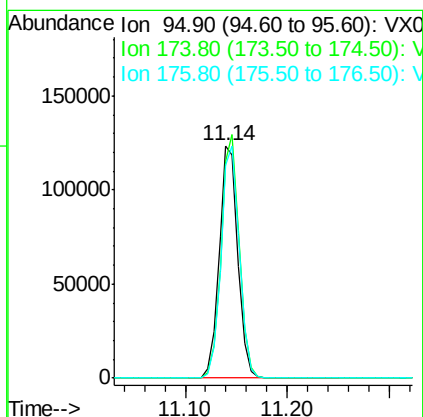
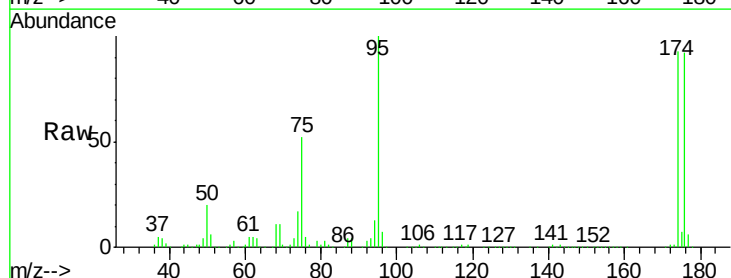
Instrument :
MSVOA_X
ClientSampleId :
LS-SOIL-PILE-1B

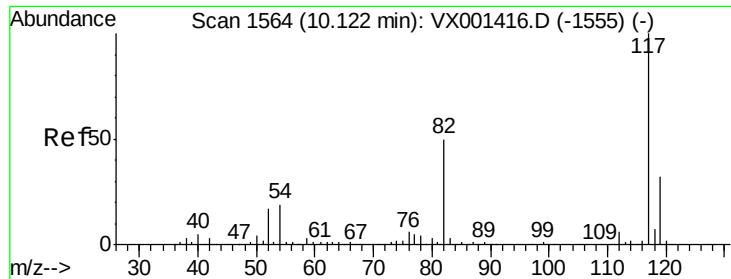
Tot Ion: 98 Resp: 478218
Ion Ratio Lower Upper
98 100
100 65.9 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 36.52 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001490.D
Acq: 08 May 2018 02:53

Tgt Ion: 95 Resp: 157725
Ion Ratio Lower Upper
95 100
174 101.4 0.0 202.0
176 98.4 0.0 197.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001490.D

Acq: 08 May 2018 02:53

Instrument :

MSVOA_X

ClientSampleId :

LS-SOIL-PILE-1B

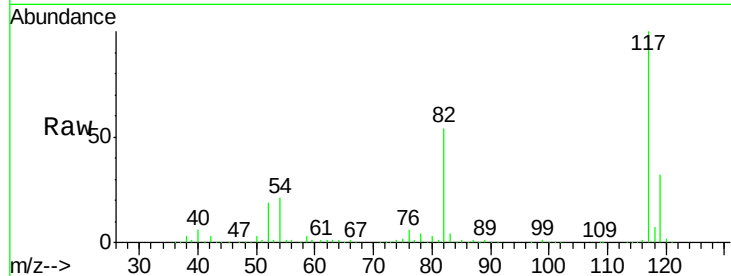
Tot Ion:117 Resp: 309418

Ion Ratio Lower Upper

117 100

82 53.8 40.0 60.0

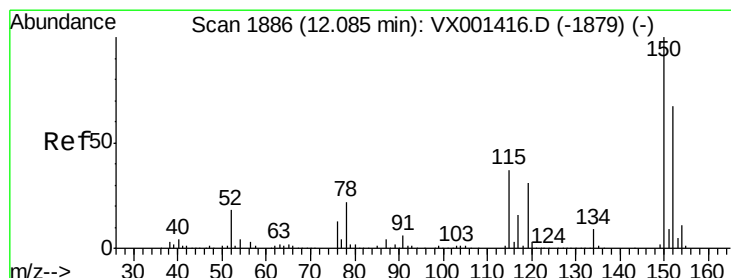
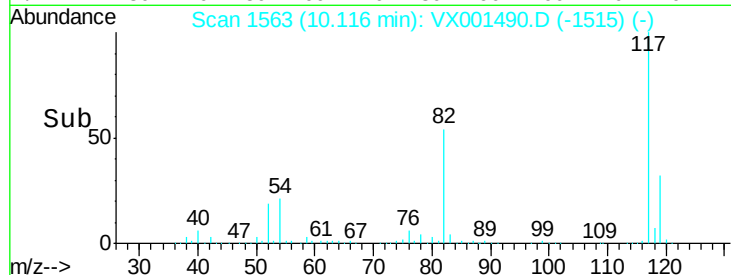
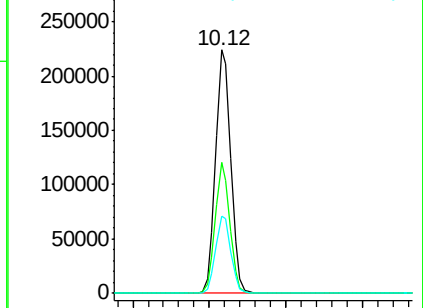
119 31.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001490.D

Acq: 08 May 2018 02:53

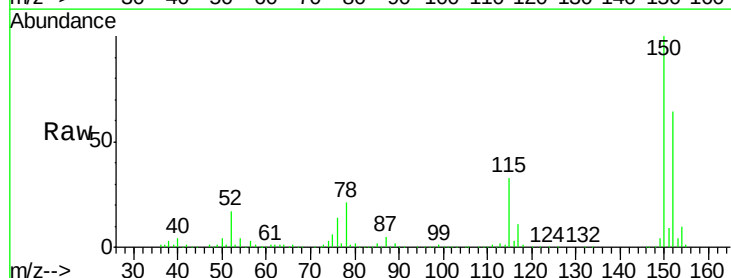
Tgt Ion:152 Resp: 170966

Ion Ratio Lower Upper

152 100

115 52.4 37.7 113.1

150 156.0 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

