

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000541.D
 Acq On : 30 Mar 2018 04:19
 Operator : JC/MD
 Sample : J2103-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LS-SOIL-1

Quant Time: Mar 30 08:23:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

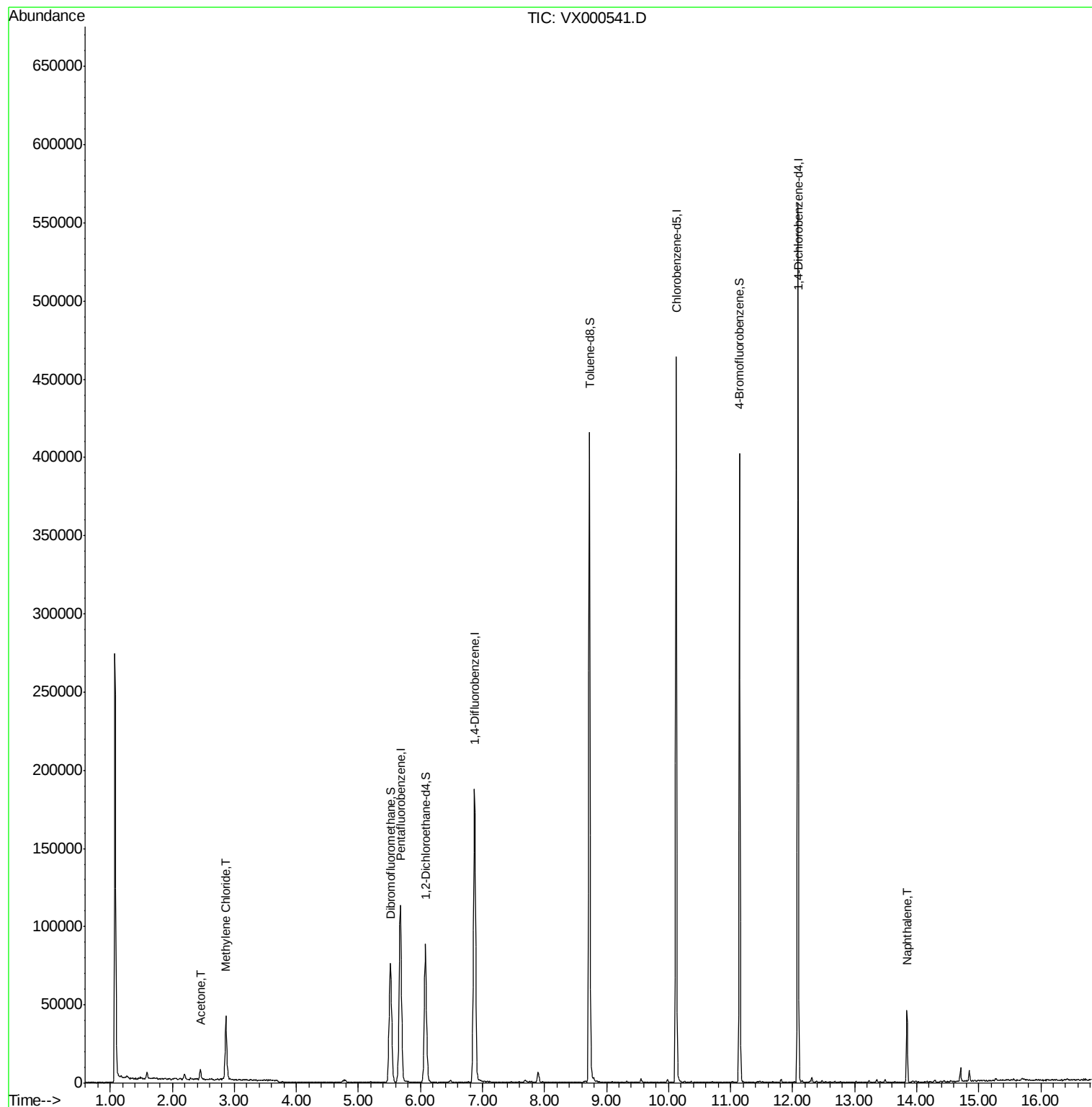
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	105665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	190698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	193682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	101257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	75880	55.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.02%	
35) Dibromofluoromethane	5.51	113	60428	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	8.73	98	245813	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.15	95	84617	41.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.88%	
Target Compounds						
16) Acetone	2.45	43	6478	5.65	ug/l	97
20) Methylene Chloride	2.86	84	17170	12.96	ug/l	92
95) Naphthalene	13.84	128	26370	3.19	ug/l	97

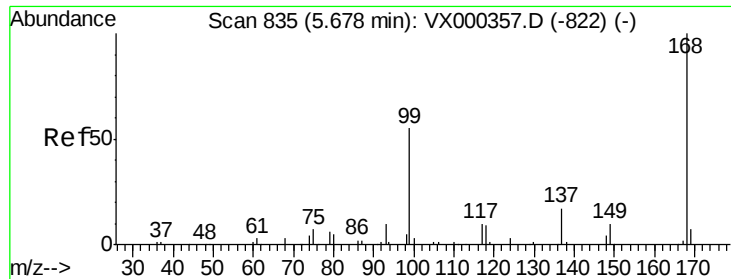
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000541.D

Acq: 30 Mar 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

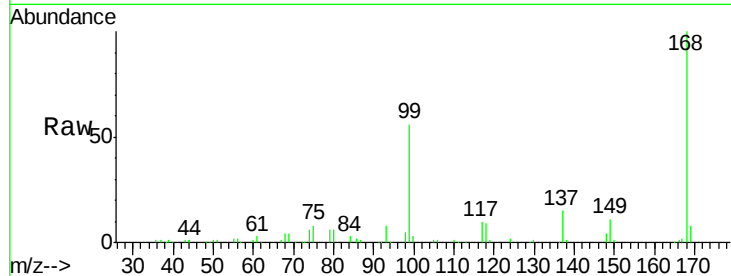
LS-SOIL-1

Tot Ion:168 Resp: 105665

Ion Ratio Lower Upper

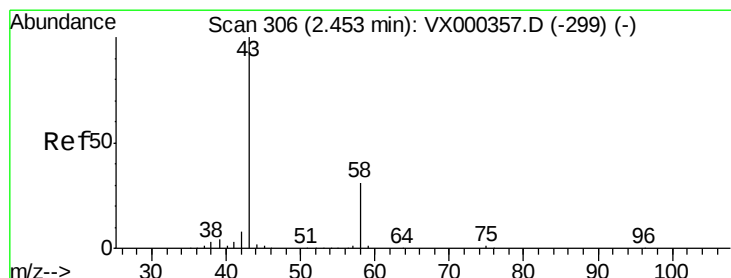
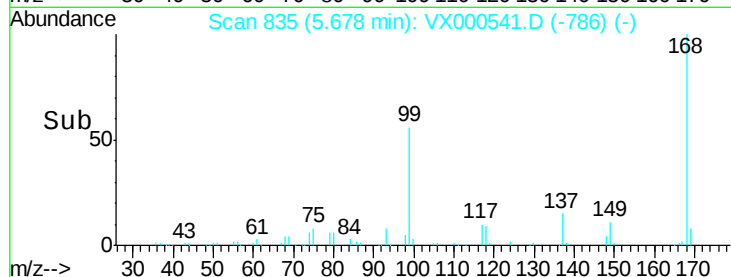
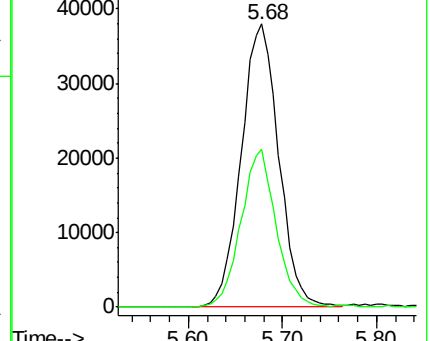
168 100

99 55.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.65 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000541.D

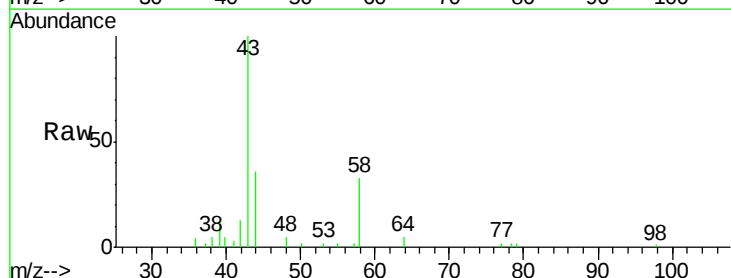
Acq: 30 Mar 2018 04:19

Tgt Ion: 43 Resp: 6478

Ion Ratio Lower Upper

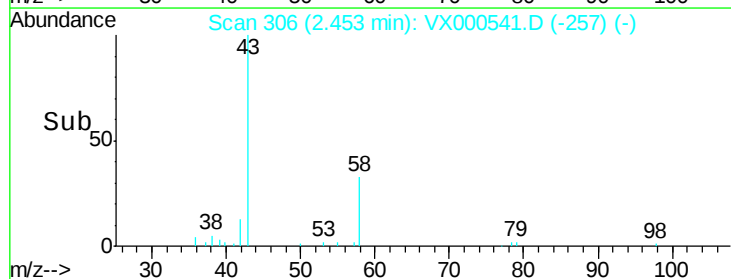
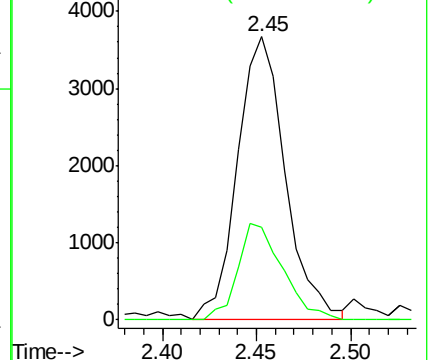
43 100

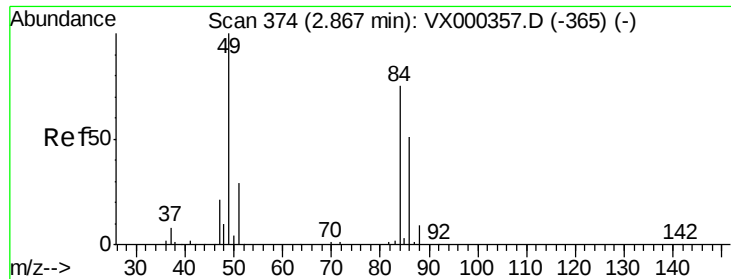
58 32.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

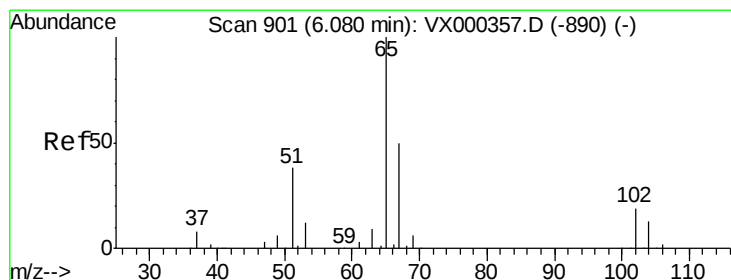
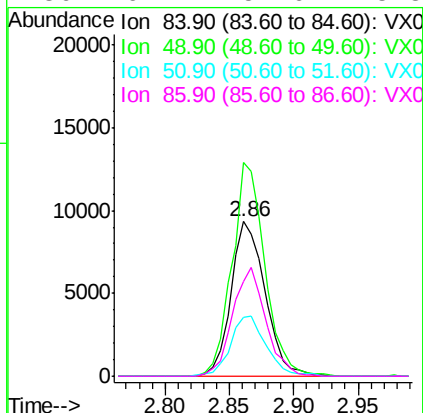
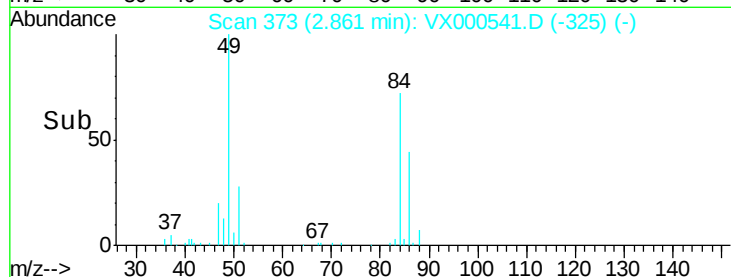
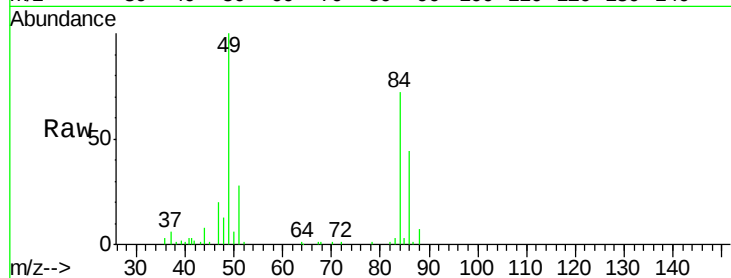




#20
Methylene Chloride
Concen: 12.96 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000541.D
Acq: 30 Mar 2018 04:19

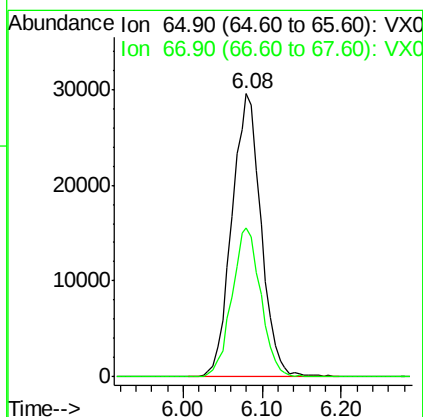
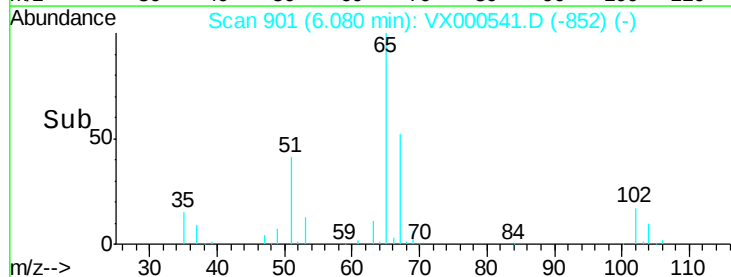
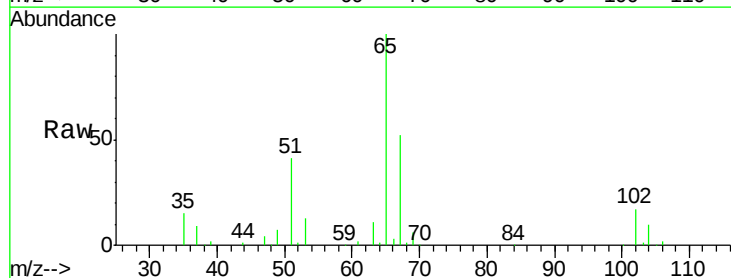
Instrument :
MSVOA_X
ClientSampleId :
LS-SOIL-1

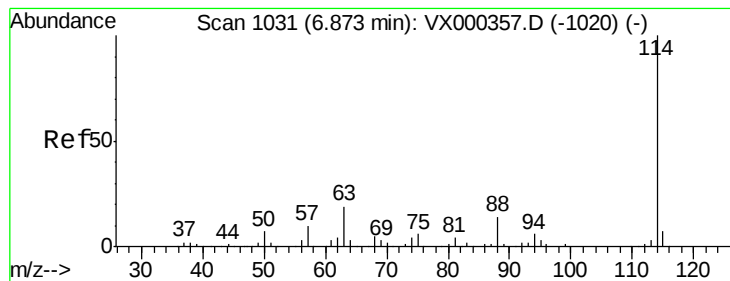
Tot Ion: 84 Resp: 17170
Ion Ratio Lower Upper
84 100
49 138.0 100.6 151.0
51 38.3 31.6 47.4
86 61.4 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 55.01 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000541.D
Acq: 30 Mar 2018 04:19

Tgt Ion: 65 Resp: 75880
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000541.D

Acq: 30 Mar 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

LS-SOIL-1

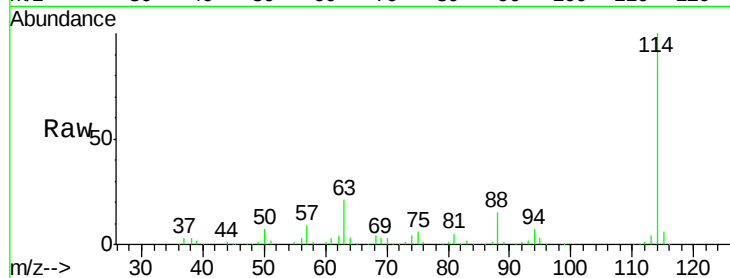
Tot Ion:114 Resp: 190698

Ion Ratio Lower Upper

114 100

63 21.5 0.0 38.4

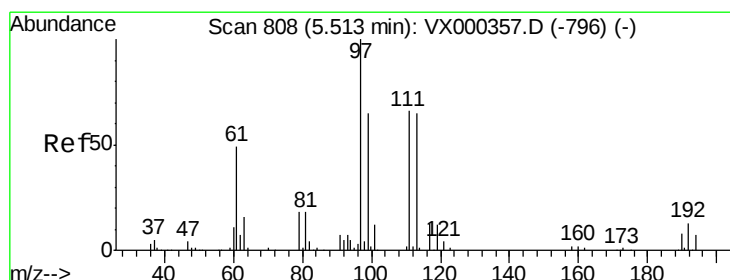
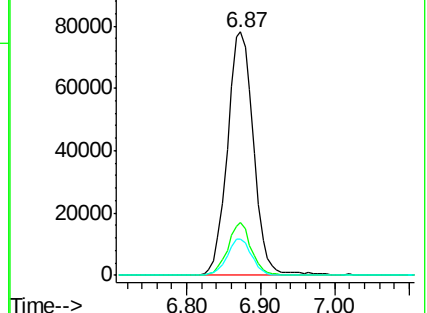
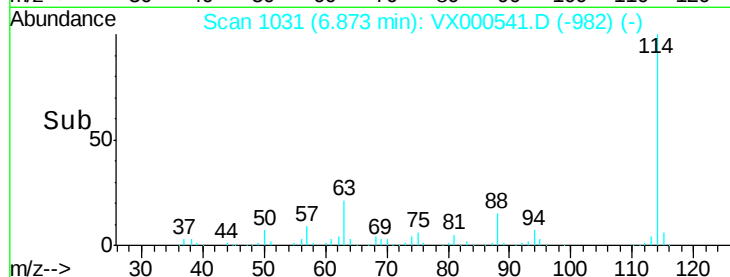
88 14.9 0.0 27.0



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: 50.29 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000541.D

Acq: 30 Mar 2018 04:19

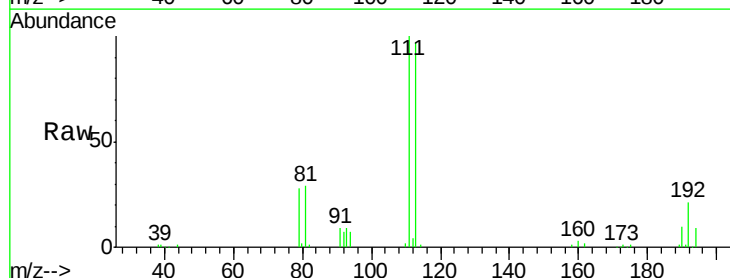
Tgt Ion:113 Resp: 60428

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

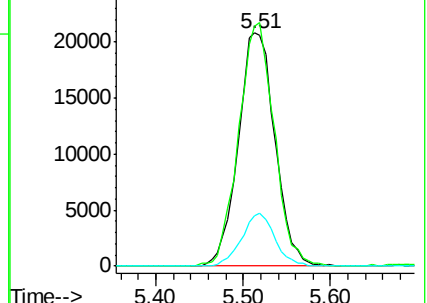
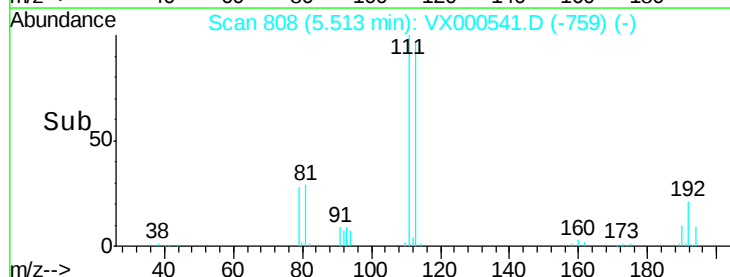
192 20.4 15.8 23.6

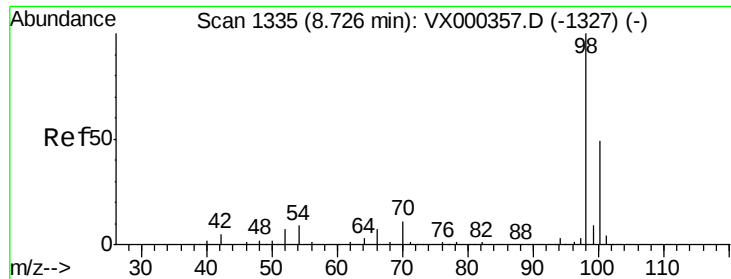


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.40 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000541.D

Acq: 30 Mar 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

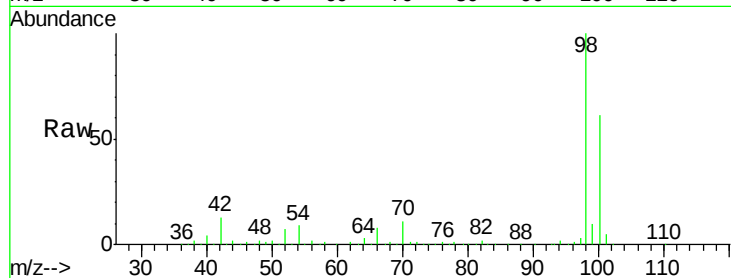
LS-SOIL-1

Tot Ion: 98 Resp: 245813

Ion Ratio Lower Upper

98 100

100 62.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.73

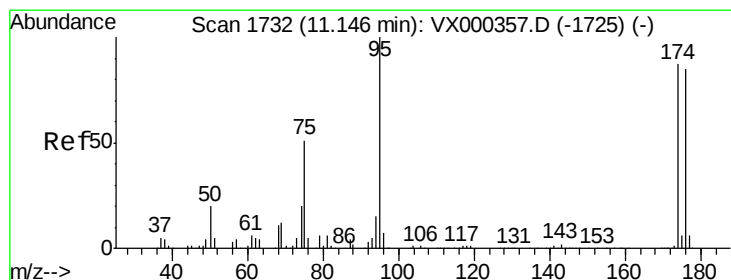
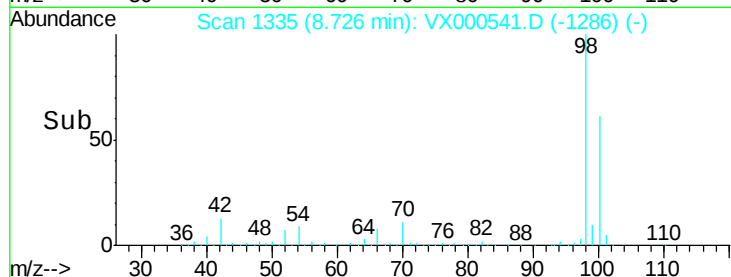
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 41.44 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000541.D

Acq: 30 Mar 2018 04:19

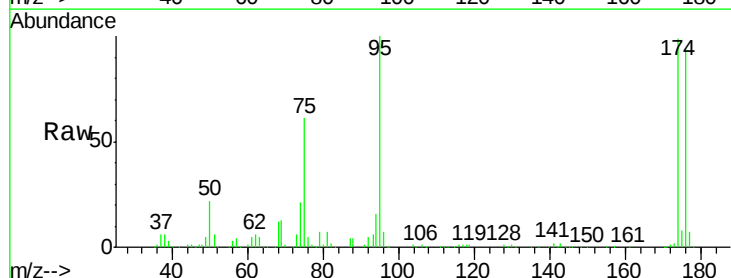
Tgt Ion: 95 Resp: 84617

Ion Ratio Lower Upper

95 100

174 94.9 0.0 173.6

176 91.1 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

80000

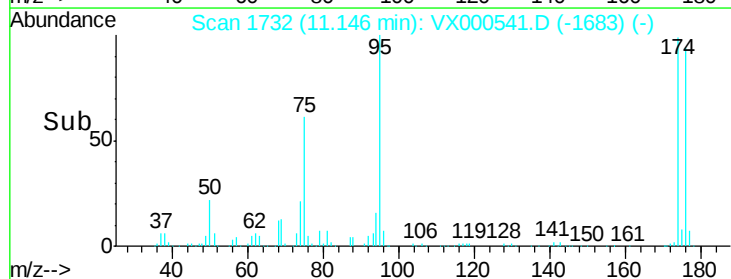
60000

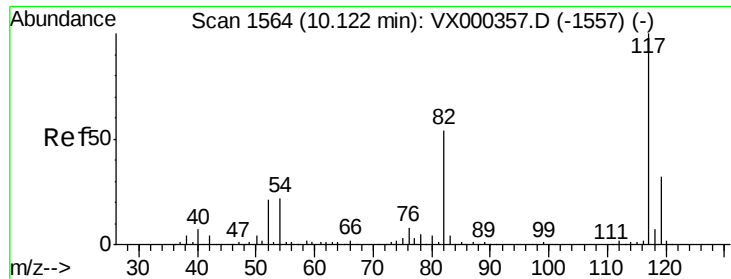
40000

20000

0

Time--> 11.10 11.20

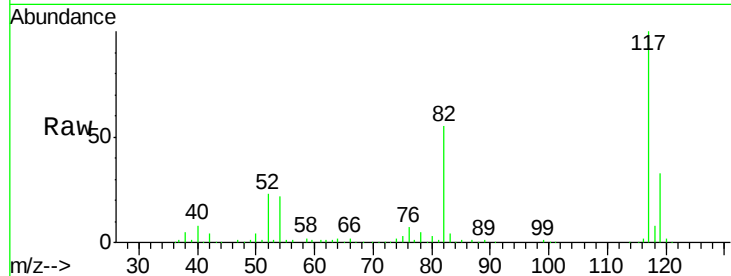




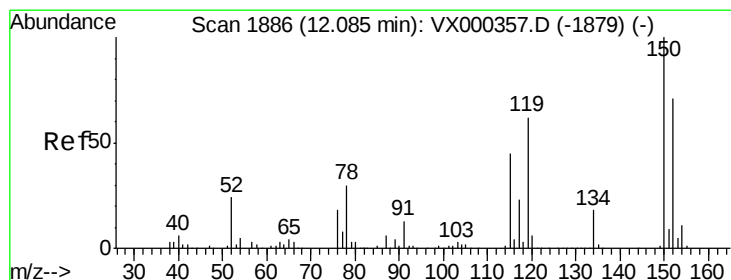
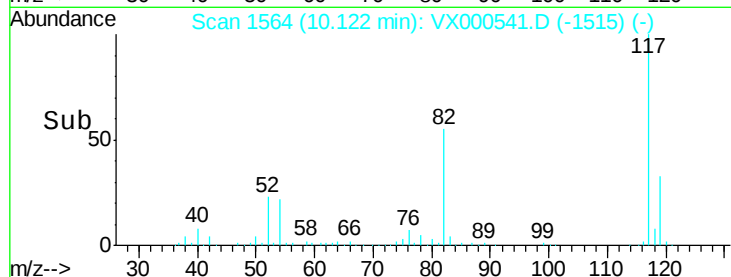
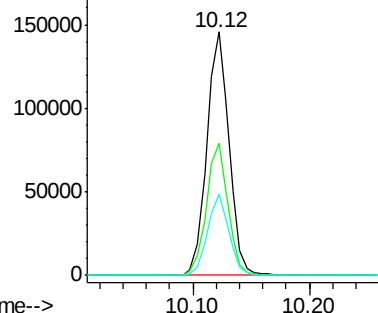
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000541.D
Acq: 30 Mar 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
LS-SOIL-1

Tot Ion:117 Resp: 193682
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 33.0 24.9 37.3

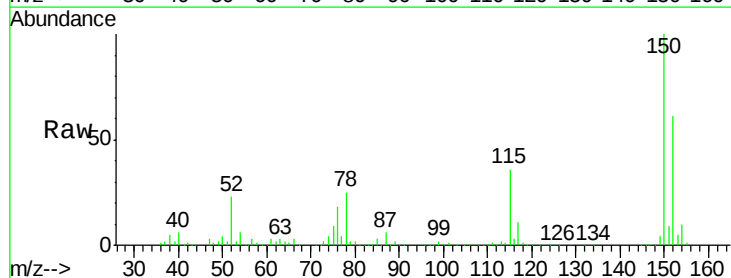


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

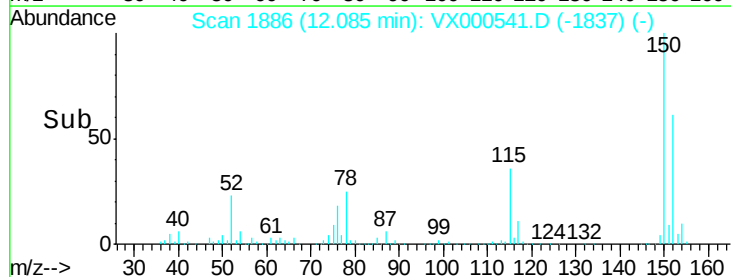
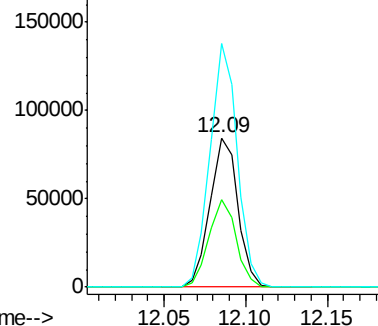


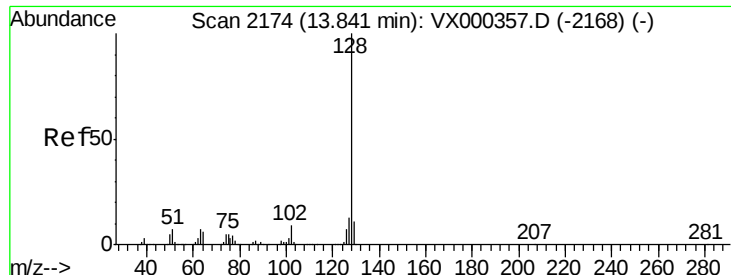
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000541.D
Acq: 30 Mar 2018 04:19

Tgt Ion:152 Resp: 101257
Ion Ratio Lower Upper
152 100
115 57.7 39.8 119.3
150 159.2 0.0 344.4



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





#95

Naphthalene

Concen: 3.19 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000541.D

Acq: 30 Mar 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

LS-SOIL-1

Tot Ion:128 Resp: 26370

Ion Ratio Lower Upper

128 100

127 14.5 10.6 15.8

129 12.3 8.9 13.3

