

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000540.D
 Acq On : 30 Mar 2018 03:53
 Operator : JC/MD
 Sample : J2103-08 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LS-SOIL-2

Quant Time: Mar 30 08:19:18 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

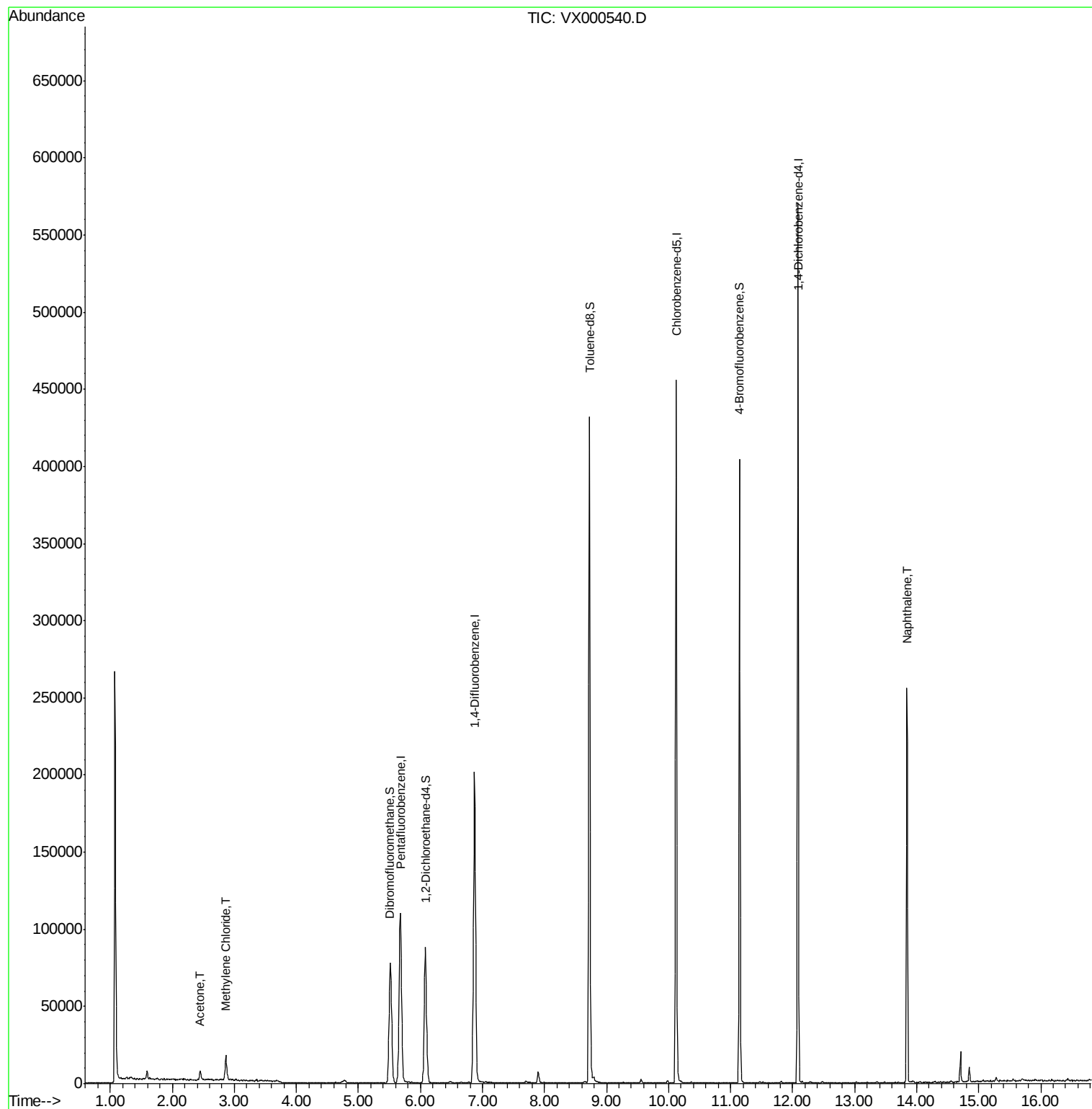
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	106773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	195644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	196348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	106957	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	78521	56.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.68%	
35) Dibromofluoromethane	5.52	113	61322	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	8.73	98	254677	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.15	95	86676	41.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.78%	
Target Compounds						
16) Acetone	2.45	43	6614	5.70	ug/l	91
20) Methylene Chloride	2.87	84	6851	5.12	ug/l	91
95) Naphthalene	13.84	128	146799	16.80	ug/l	99

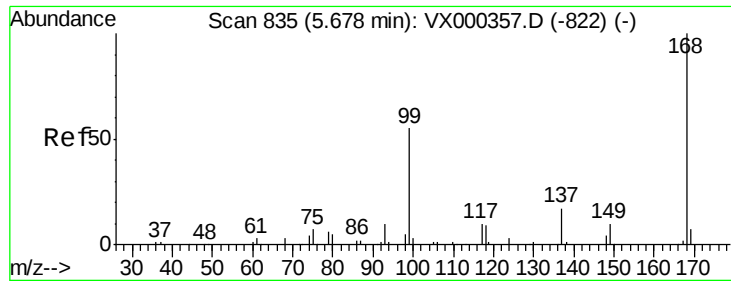
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000540.D

Acq: 30 Mar 2018 03:53

Instrument :

MSVOA_X

ClientSampled :

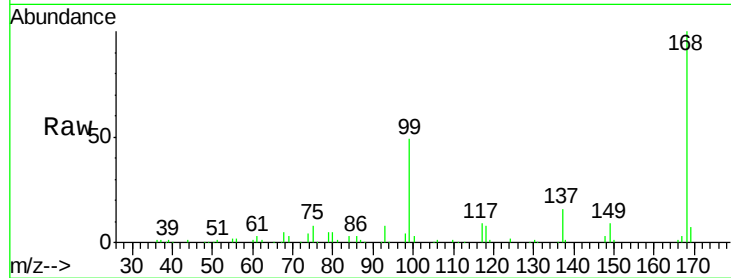
LS-SOIL-2

Tot Ion:168 Resp: 106773

Ion Ratio Lower Upper

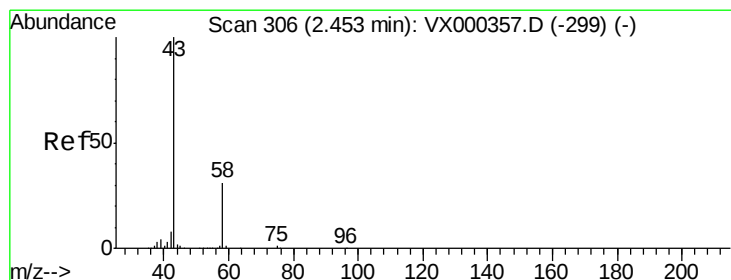
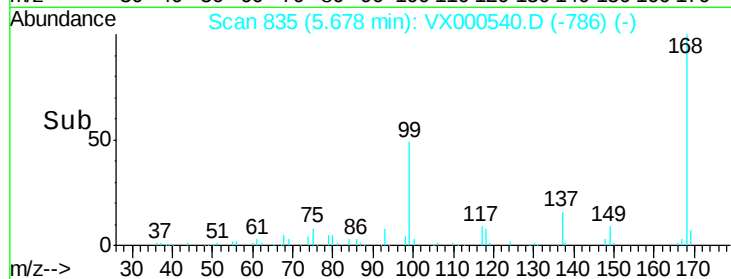
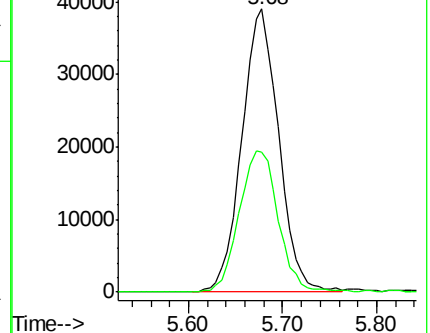
168 100

99 49.3 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: 5.70 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000540.D

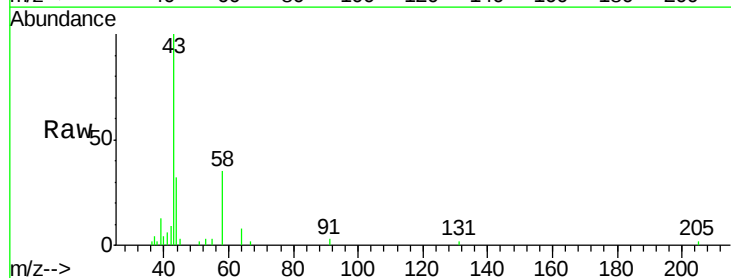
Acq: 30 Mar 2018 03:53

Tgt Ion: 43 Resp: 6614

Ion Ratio Lower Upper

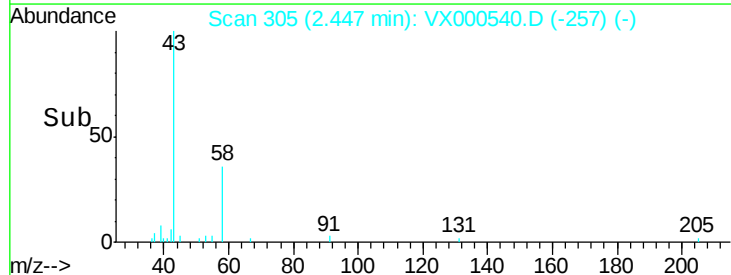
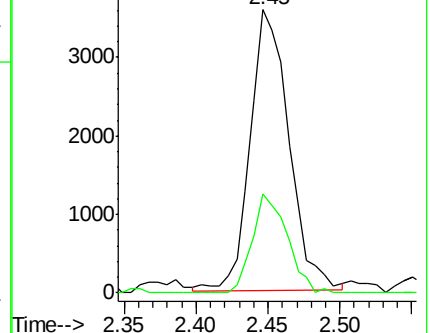
43 100

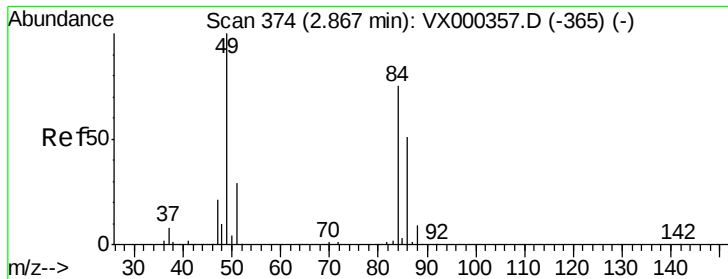
58 35.8 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

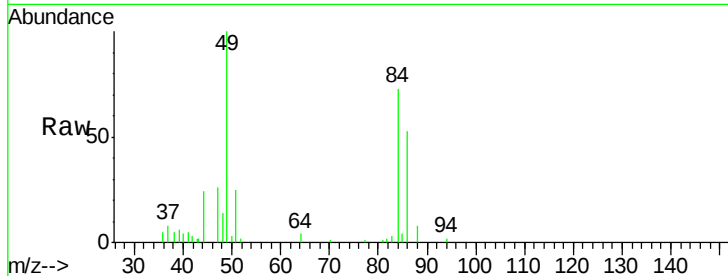




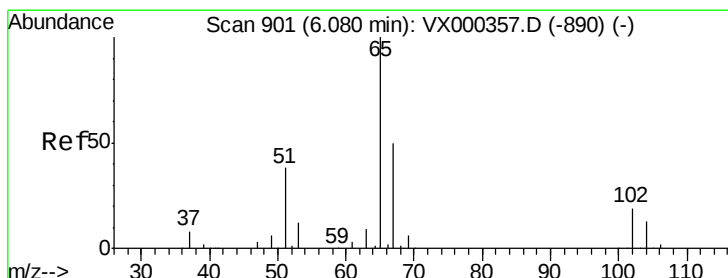
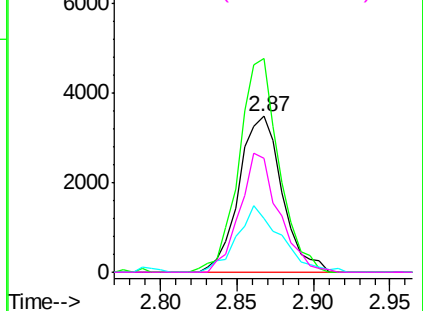
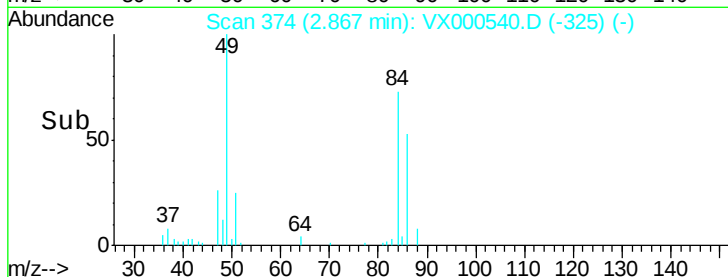
#20
Methylene Chloride
Concen: 5.12 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000540.D
Acq: 30 Mar 2018 03:53

Instrument :
MSVOA_X
ClientSampleId :
LS-SOIL-2

Tot Ion: 84 Resp: 6851
Ion Ratio Lower Upper
84 100
49 137.0 100.6 151.0
51 34.7 31.6 47.4
86 73.1 52.6 78.8

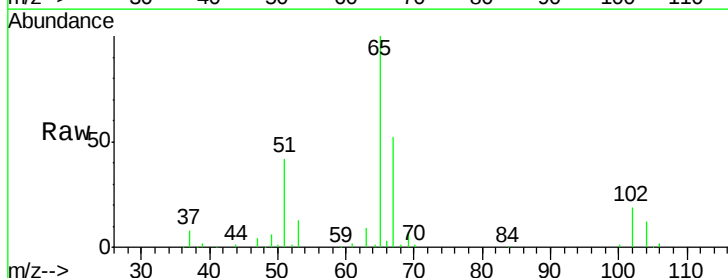


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

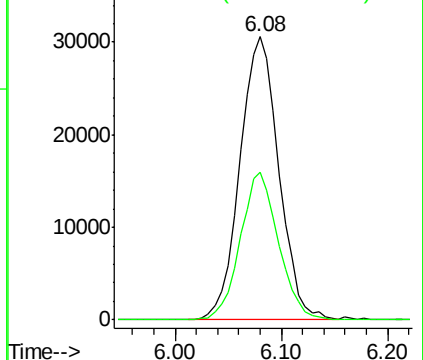
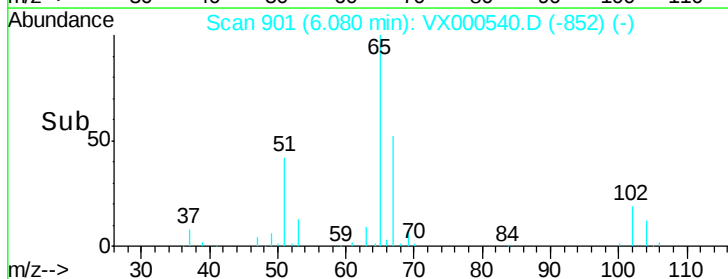


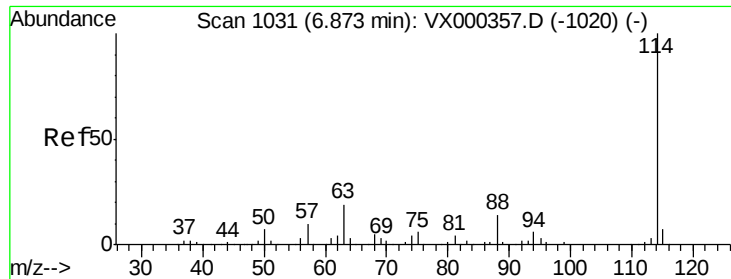
#33
1,2-Dichloroethane-d4
Concen: 56.34 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000540.D
Acq: 30 Mar 2018 03:53

Tgt Ion: 65 Resp: 78521
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

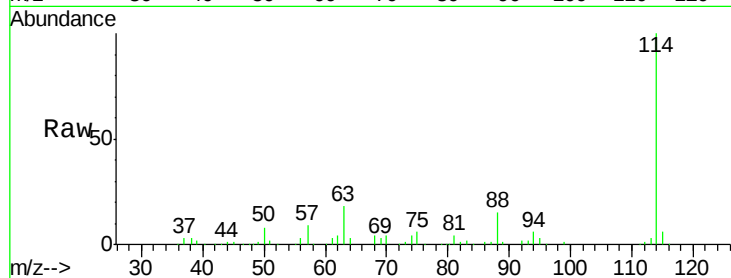




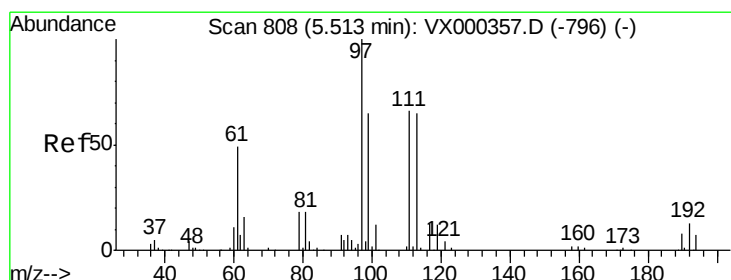
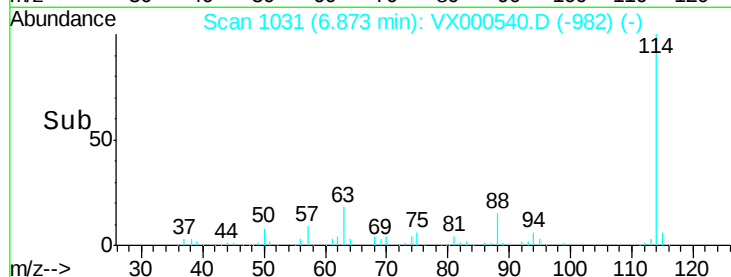
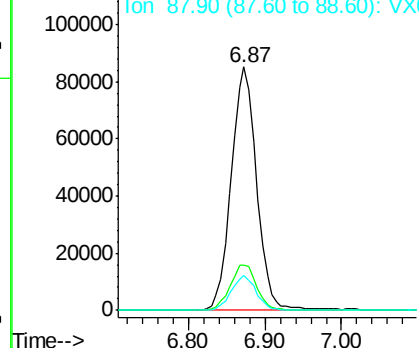
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000540.D
 Acq: 30 Mar 2018 03:53

Instrument :
 MSVOA_X
 ClientSampled :
 LS-SOIL-2

Tot Ion:114 Resp: 195644
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.4
 88 14.6 0.0 27.0

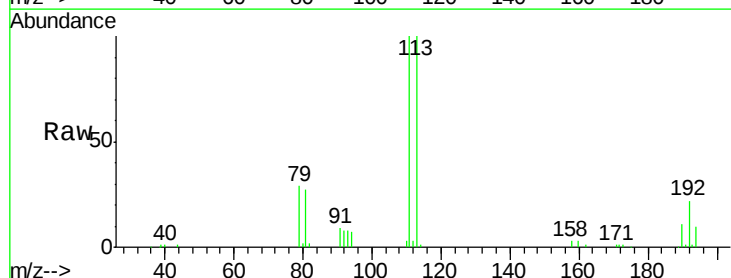


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

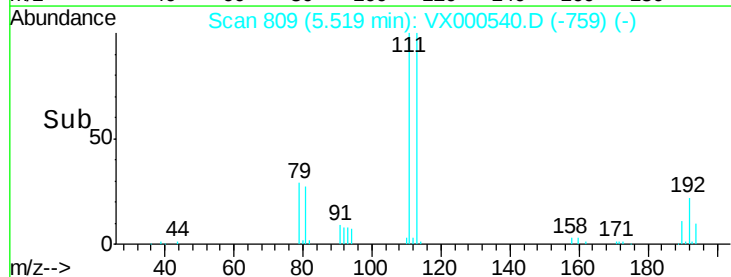
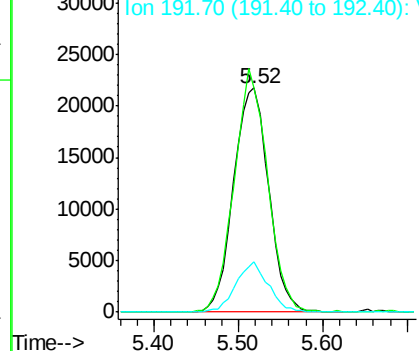


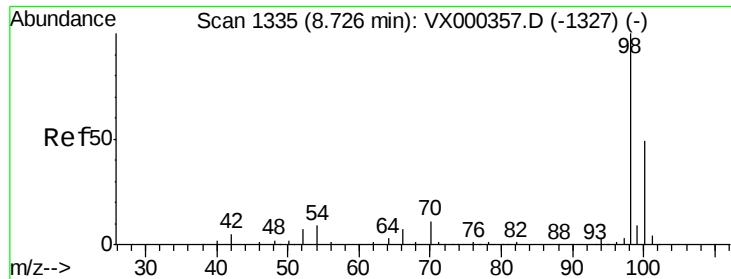
#35
 Dibromofluoromethane
 Concen: 49.75 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000540.D
 Acq: 30 Mar 2018 03:53

Tgt Ion:113 Resp: 61322
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 20.7 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

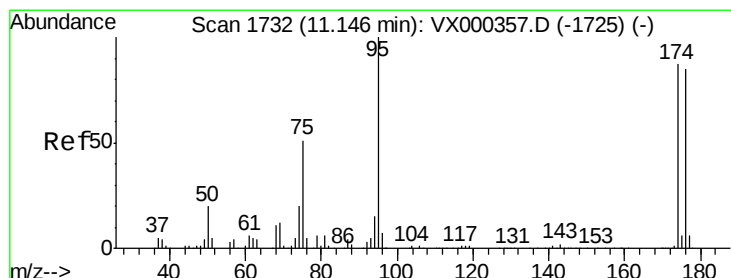
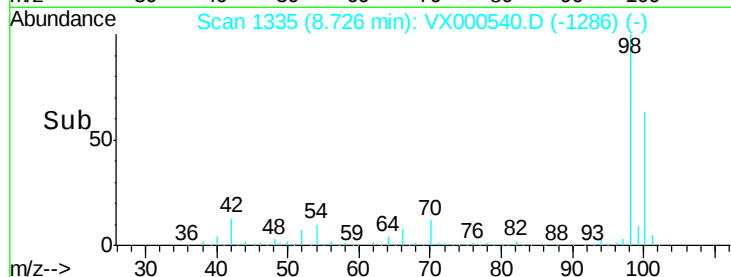
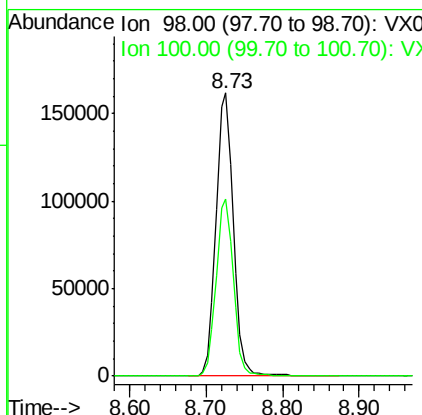
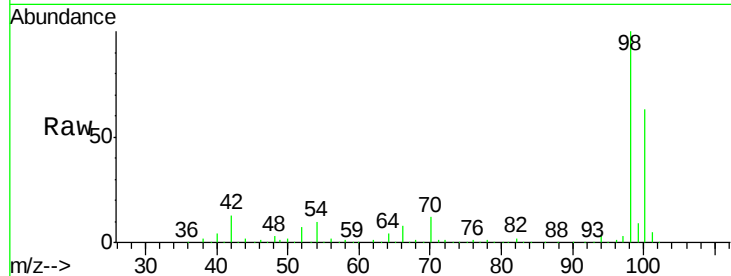




#50
Toluene-d8
Concen: 49.88 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000540.D
Acq: 30 Mar 2018 03:53

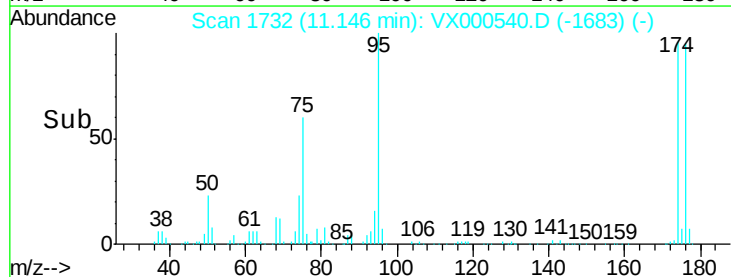
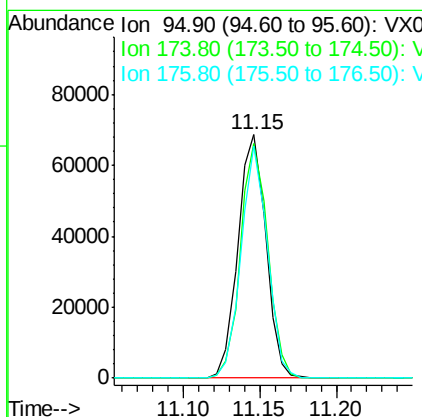
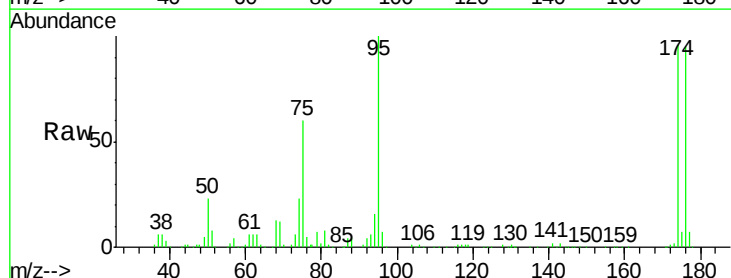
Instrument :
MSVOA_X
ClientSampleId :
LS-SOIL-2

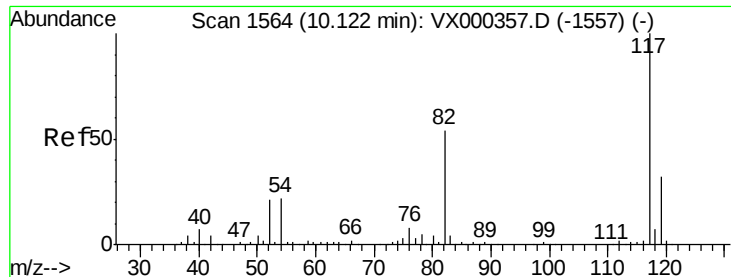
Tot Ion: 98 Resp: 254677
Ion Ratio Lower Upper
98 100
100 62.5 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 41.39 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000540.D
Acq: 30 Mar 2018 03:53

Tgt Ion: 95 Resp: 86676
Ion Ratio Lower Upper
95 100
174 94.4 0.0 173.6
176 90.4 0.0 164.6

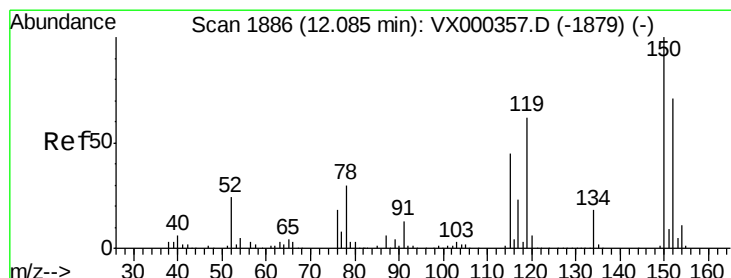
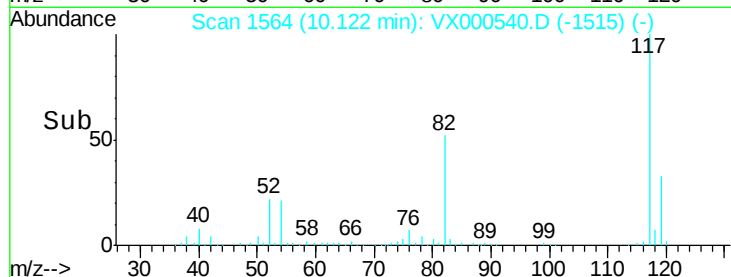
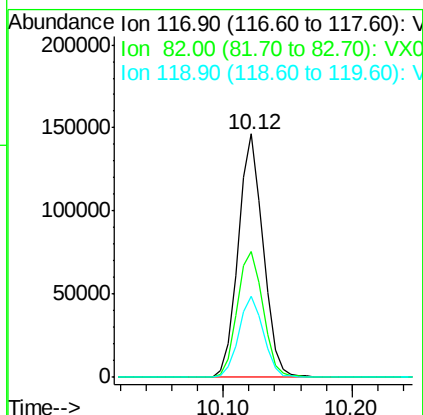
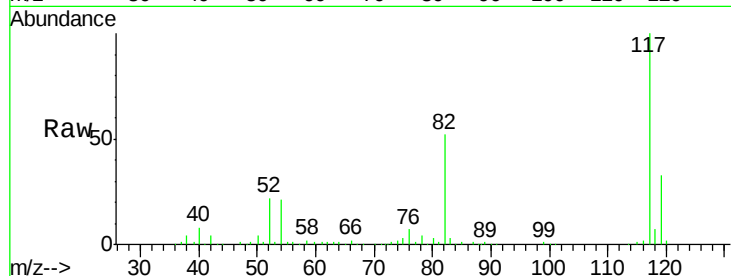




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000540.D
Acq: 30 Mar 2018 03:53

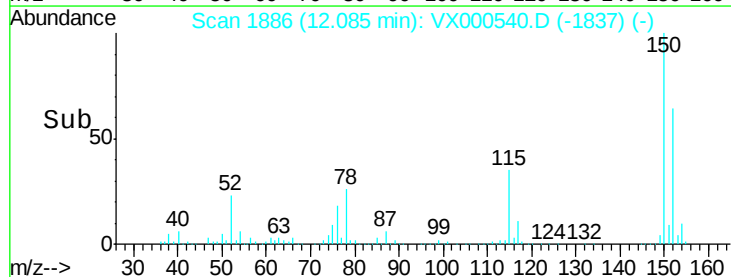
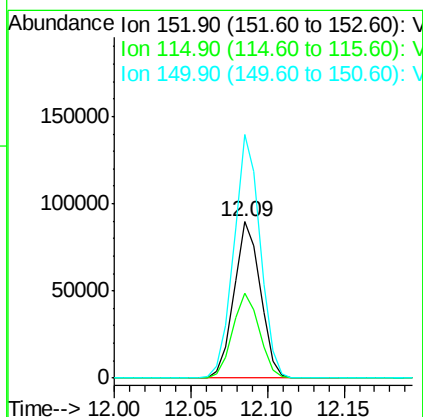
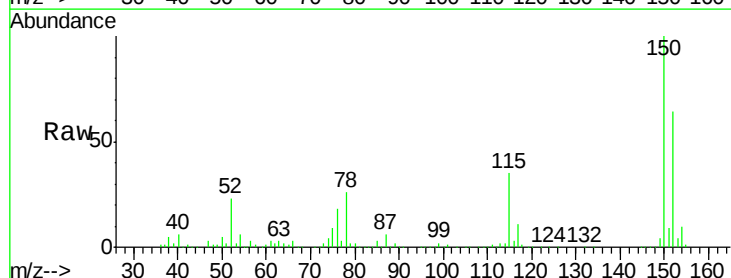
Instrument :
MSVOA_X
ClientSampleId :
LS-SOIL-2

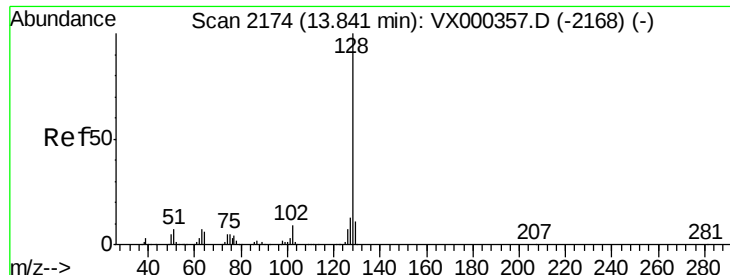
Tot Ion:117 Resp: 196348
Ion Ratio Lower Upper
117 100
82 51.8 43.8 65.8
119 33.5 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000540.D
Acq: 30 Mar 2018 03:53

Tgt Ion:152 Resp: 106957
Ion Ratio Lower Upper
152 100
115 55.1 39.8 119.3
150 155.8 0.0 344.4





#95

Naphthalene

Concen: 16.80 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000540.D

Acq: 30 Mar 2018 03:53

Instrument :

MSVOA_X

ClientSampleId :

LS-SOIL-2

Tot Ion:128 Resp: 146799

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.2 8.9 13.3

