

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : VX005454.D
 Acq On : 19 Oct 2018 13:26
 Operator : JC/MD
 Sample : J5590-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LS-SOIL-1

Quant Time: Oct 20 05:05:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

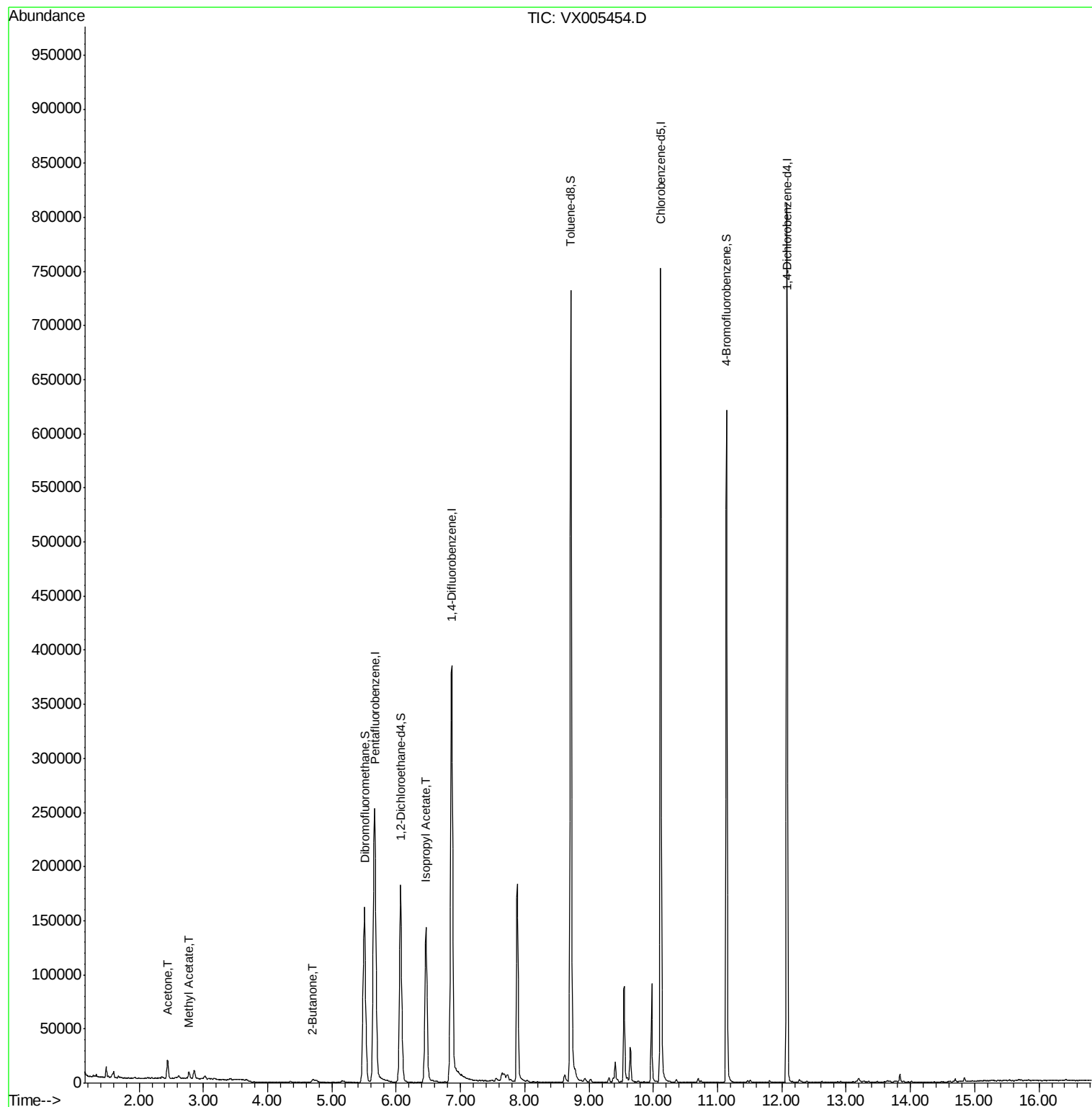
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	413080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164209	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
35) Dibromofluoromethane	5.51	113	132187	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	8.71	98	476170	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.14	95	155137	43.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.94%	
Target Compounds						
16) Acetone	2.44	43	18757	10.625	ug/l	90
18) Methyl Acetate	2.78	43	7965	1.586	ug/l	93
25) 2-Butanone	4.70	43	5292	2.049	ug/l	94
43) Isopropyl Acetate	6.46	43	186294	27.182	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005454.D

Acq: 19 Oct 2018 13:26

Instrument :

MSVOA_X

ClientSampled :

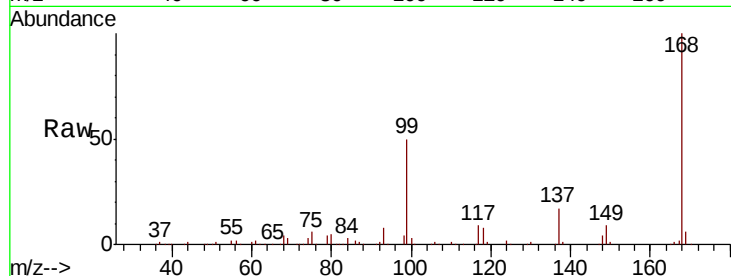
LS-SOIL-1

Tot Ion:168 Resp: 275097

Ion Ratio Lower Upper

168 100

99 49.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

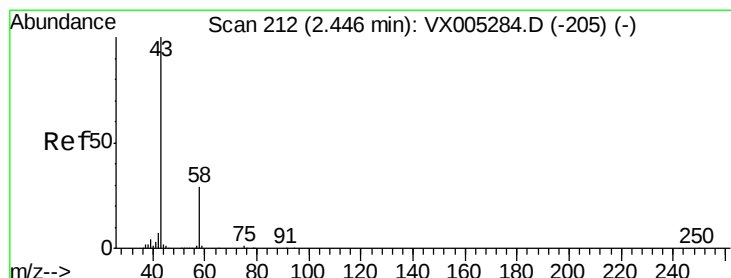
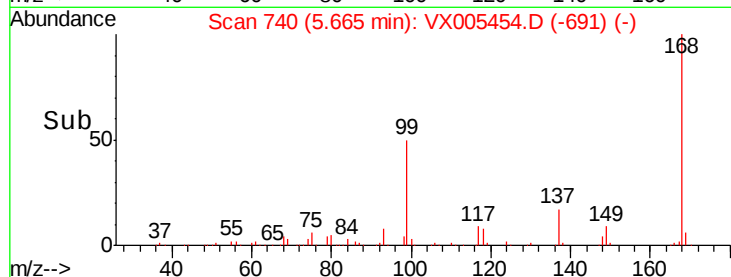
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.625 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005454.D

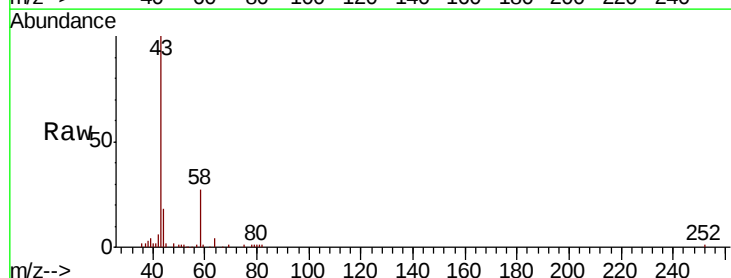
Acq: 19 Oct 2018 13:26

Tgt Ion: 43 Resp: 18757

Ion Ratio Lower Upper

43 100

58 27.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

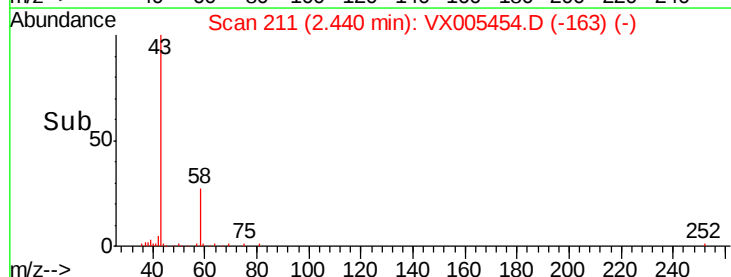
2.44

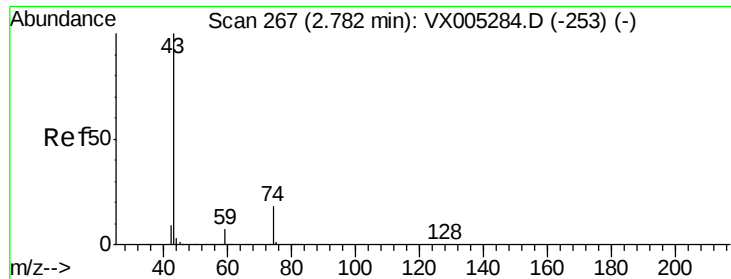
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

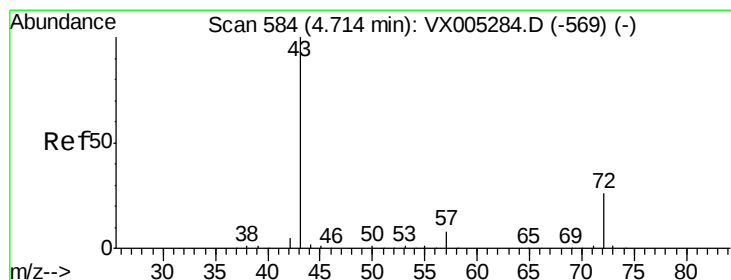
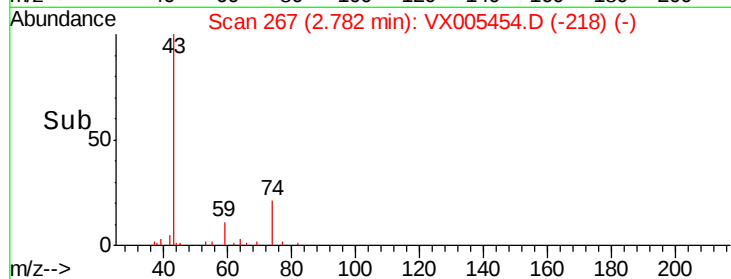
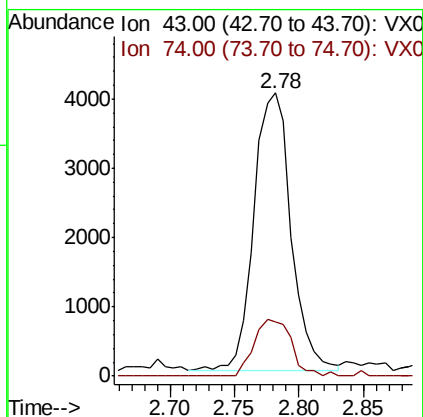
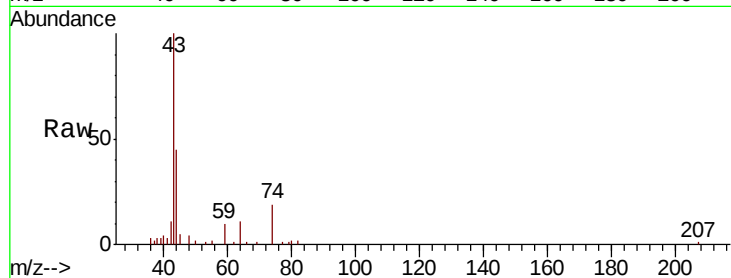




#18
Methvl Acetate
Concen: 1.586 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005454.D
Acq: 19 Oct 2018 13:26

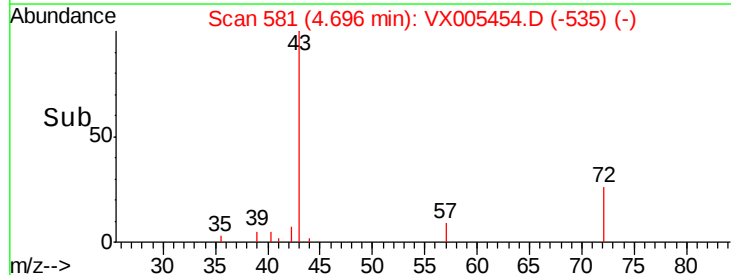
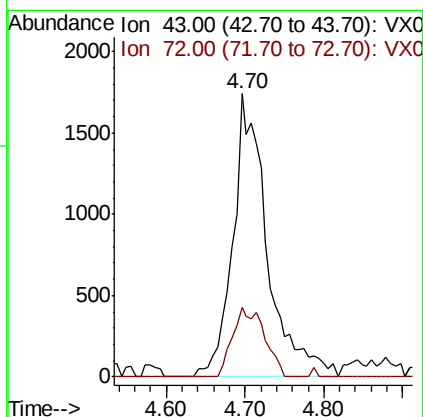
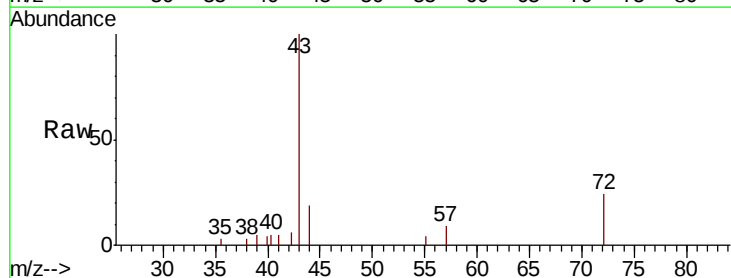
Instrument :
MSVOA_X
ClientSampled :
LS-SOIL-1

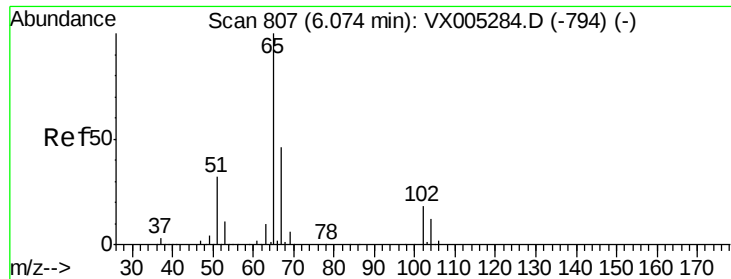
Tot Ion: 43 Resp: 7965
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2



#25
2-Butanone
Concen: 2.049 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.02 min
Lab File: VX005454.D
Acq: 19 Oct 2018 13:26

Tgt Ion: 43 Resp: 5292
Ion Ratio Lower Upper
43 100
72 24.5 22.0 33.0

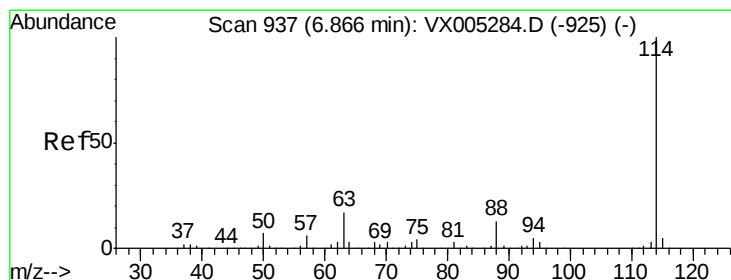
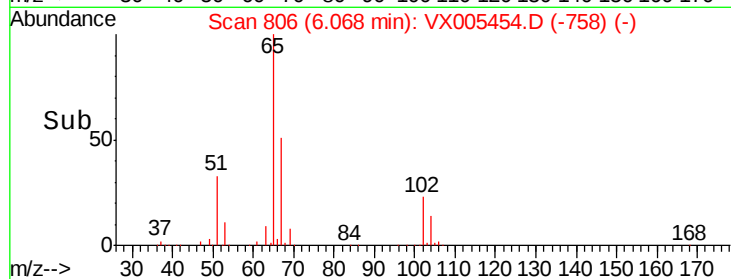
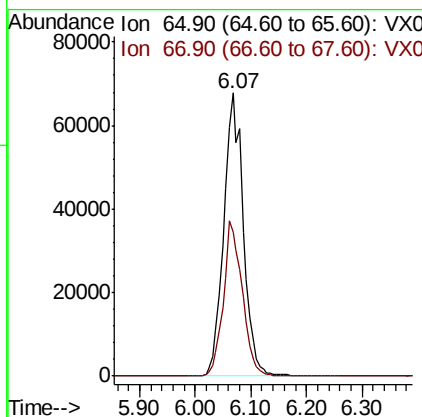
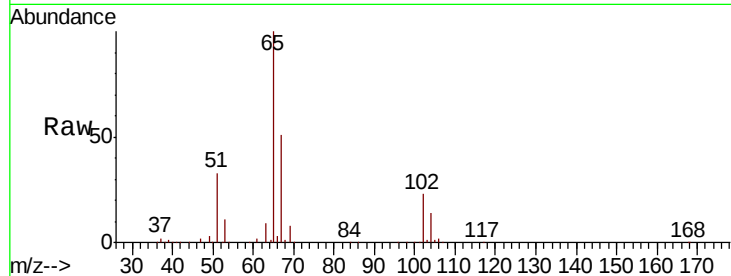




#33
 1,2-Dichloroethane-d4
 Concen: 53.783 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005454.D
 Acq: 19 Oct 2018 13:26

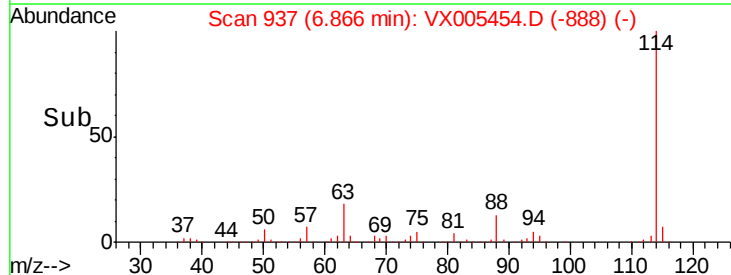
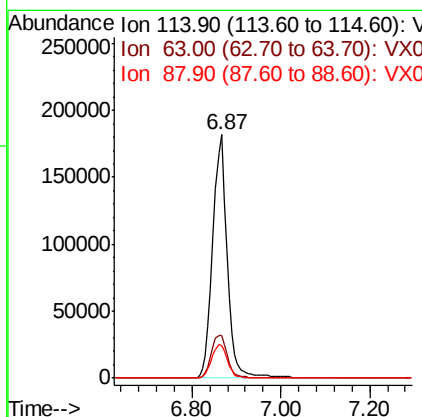
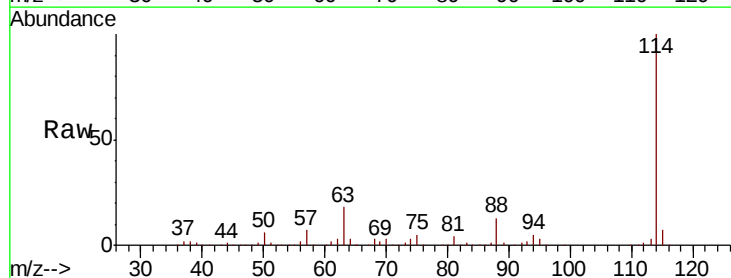
Instrument :
 MSVOA_X
 ClientSampleId :
 LS-SOIL-1

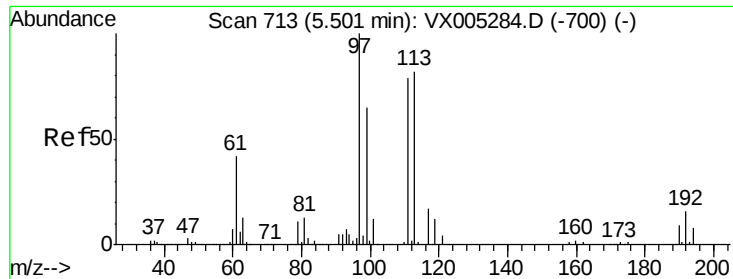
Tot Ion: 65 Resp: 164209
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VX005454.D
 Acq: 19 Oct 2018 13:26

Tgt Ion: 114 Resp: 413080
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 39.0
 88 13.2 0.0 30.4

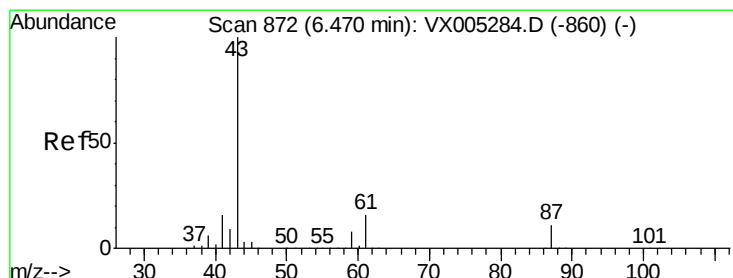
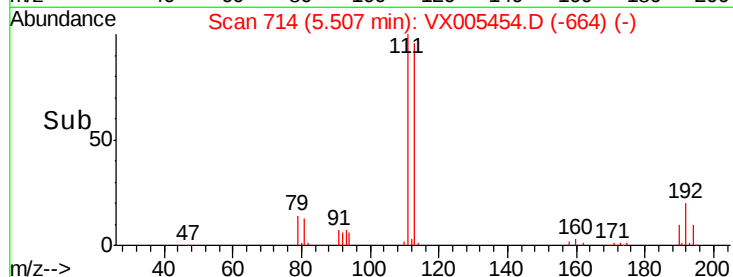
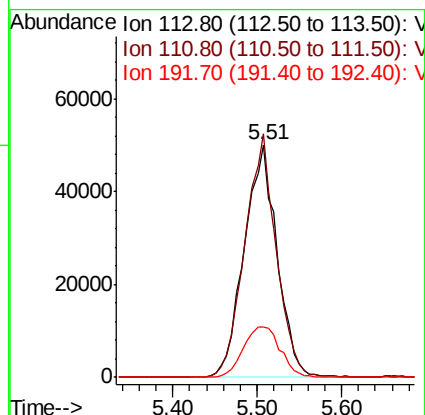
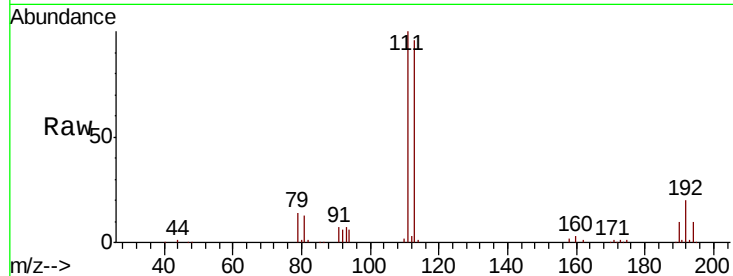




#35
 Dibromofluoromethane
 Concen: 48.315 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005454.D
 Acq: 19 Oct 2018 13:26

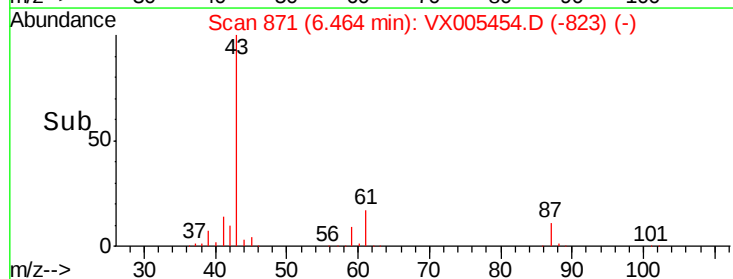
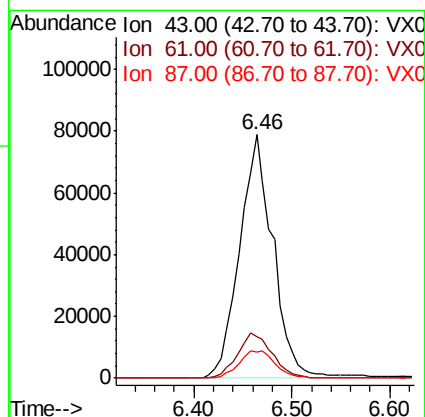
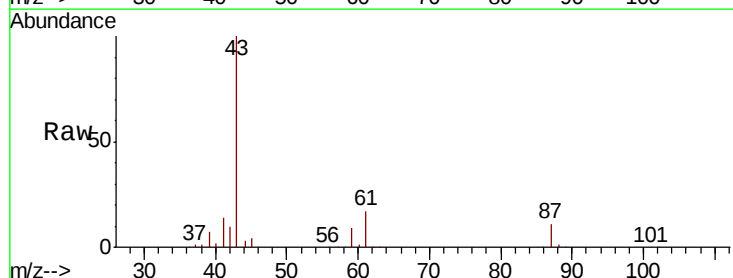
Instrument :
 MSVOA_X
 ClientSampleId :
 LS-SOIL-1

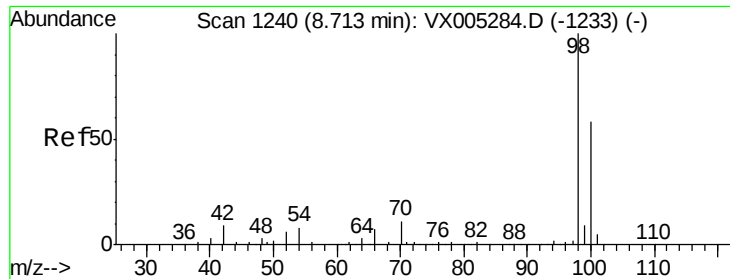
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.4	123.6
192	24.3	19.4	29.2



#43
 Isopropyl Acetate
 Concen: 27.182 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: VX005454.D
 Acq: 19 Oct 2018 13:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.6	17.0	25.4
87	12.5	11.4	17.2





#50

Toluene-d8

Concen: 50.696 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005454.D

Acq: 19 Oct 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

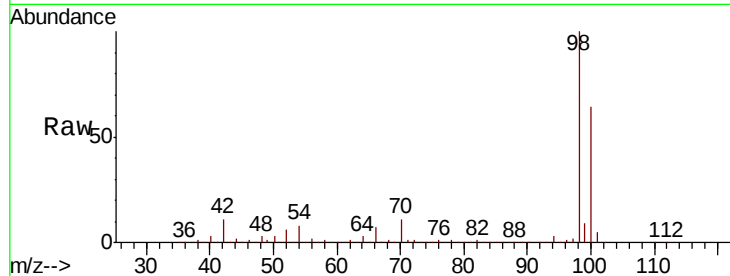
LS-SOIL-1

Tot Ion: 98 Resp: 476170

Ion Ratio Lower Upper

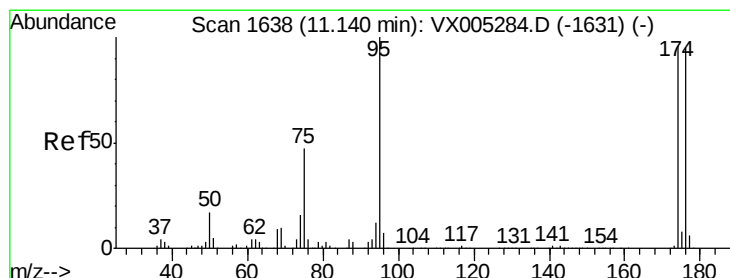
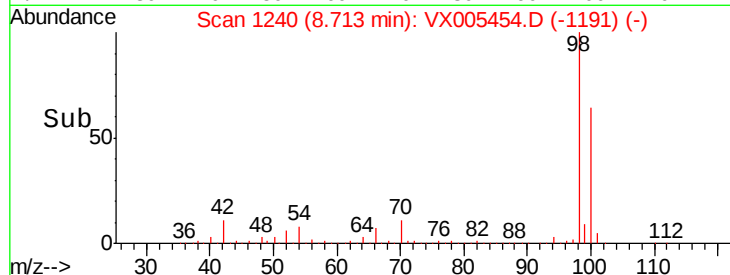
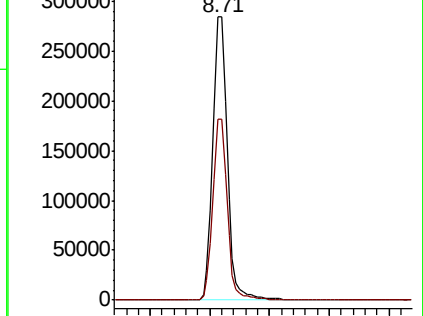
98 100

100 63.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 43.967 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005454.D

Acq: 19 Oct 2018 13:26

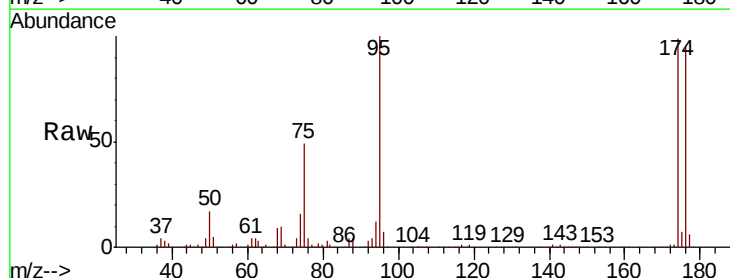
Tgt Ion: 95 Resp: 155137

Ion Ratio Lower Upper

95 100

174 97.4 0.0 185.2

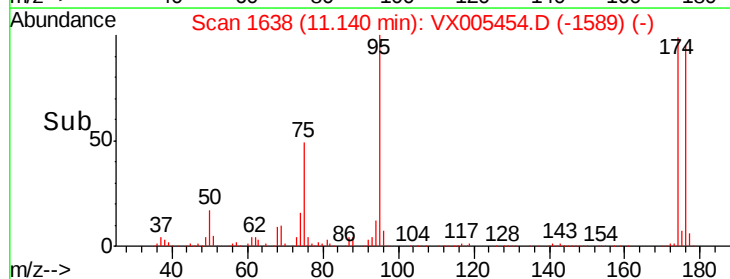
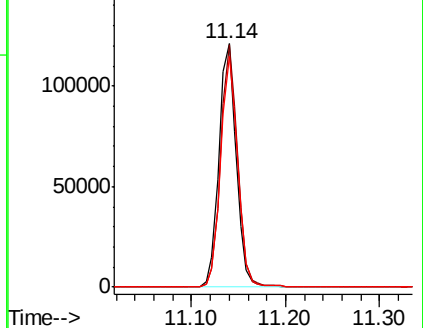
176 93.3 0.0 178.6

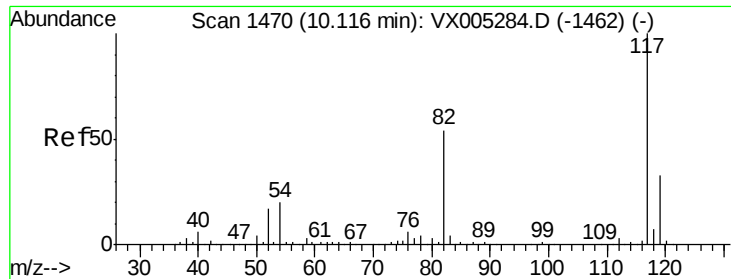


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

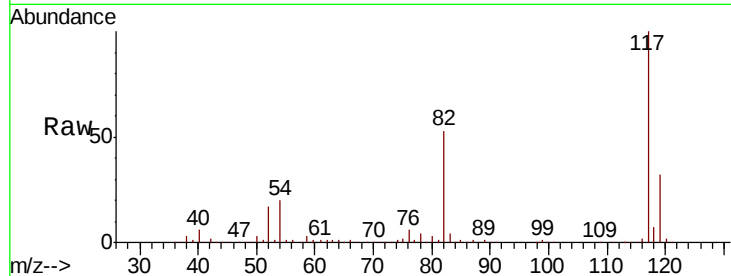




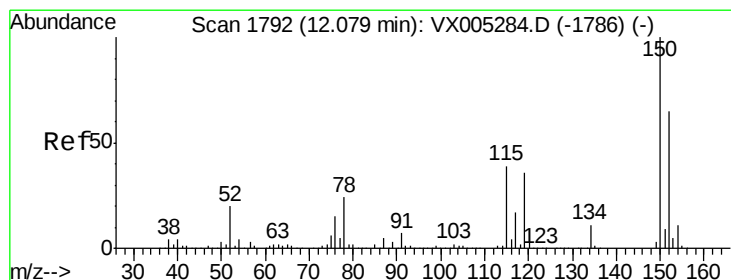
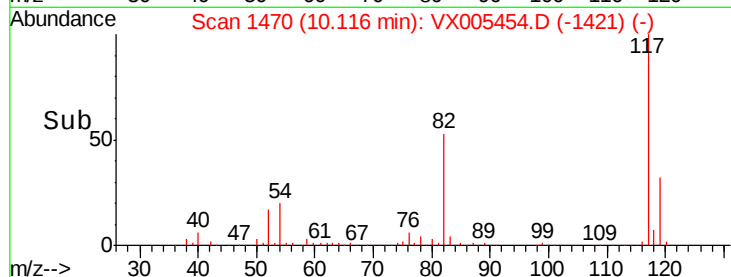
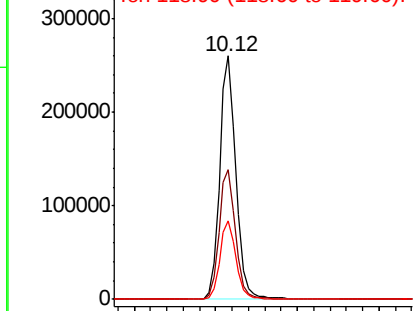
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005454.D
Acq: 19 Oct 2018 13:26

Instrument :
MSVOA_X
ClientSampled :
LS-SOIL-1

Tot Ion:117 Resp: 362197
Ion Ratio Lower Upper
117 100
82 53.2 47.8 71.6
119 32.5 29.3 43.9

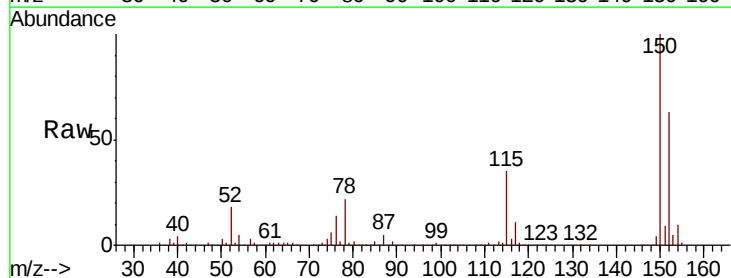


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005454.D
Acq: 19 Oct 2018 13:26

Tgt Ion:152 Resp: 173680
Ion Ratio Lower Upper
152 100
115 54.6 39.0 117.0
150 156.1 0.0 351.0



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

