

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : VX005453.D
 Acq On : 19 Oct 2018 13:00
 Operator : JC/MD
 Sample : J5590-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LS-SOIL-2

Quant Time: Oct 20 05:03:08 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

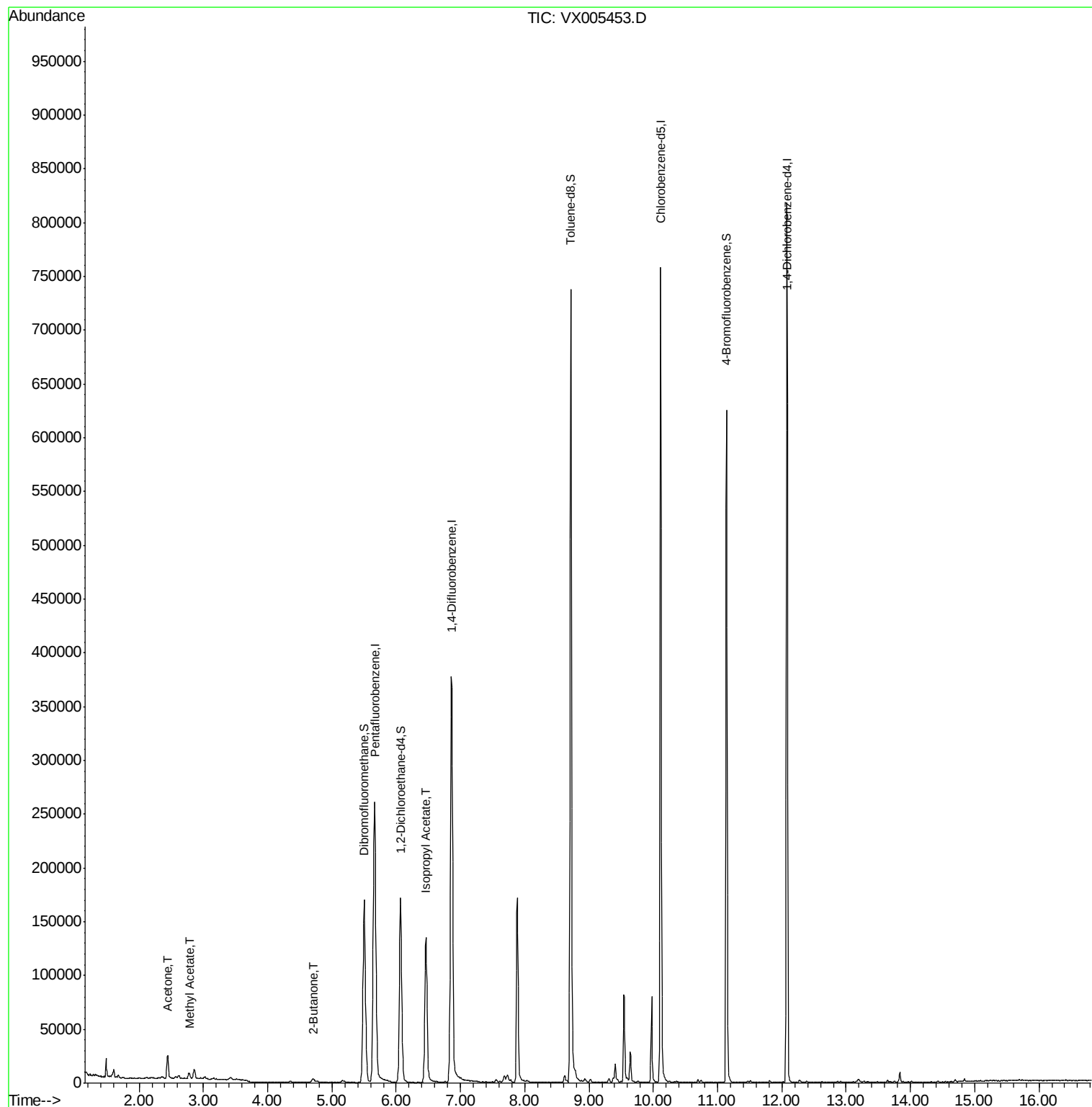
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	403182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160434	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
35) Dibromofluoromethane	5.49	113	132027	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	8.72	98	477711	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	11.14	95	158754	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
Target Compounds						
16) Acetone	2.45	43	24117	13.286	ug/l	89
18) Methyl Acetate	2.78	43	6778	1.312	ug/l	96
25) 2-Butanone	4.71	43	6206	2.337	ug/l	92
43) Isopropyl Acetate	6.46	43	179256	26.797	ug/l	98

(#) = 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: VX005453.D

Acq: 19 Oct 2018 13:00

Instrument :

MSVOA_X

ClientSampled :

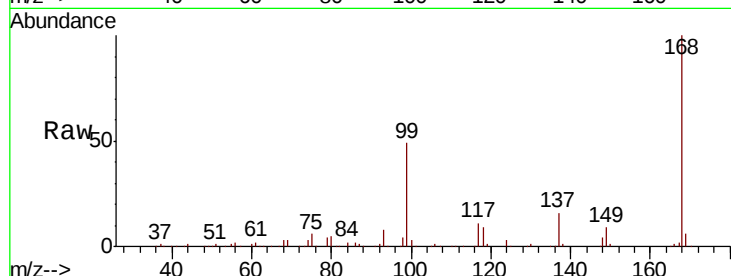
LS-SOIL-2

Tot Ion:168 Resp: 282886

Ion Ratio Lower Upper

168 100

99 49.1 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

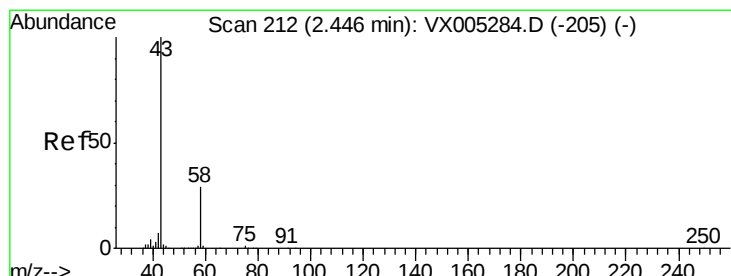
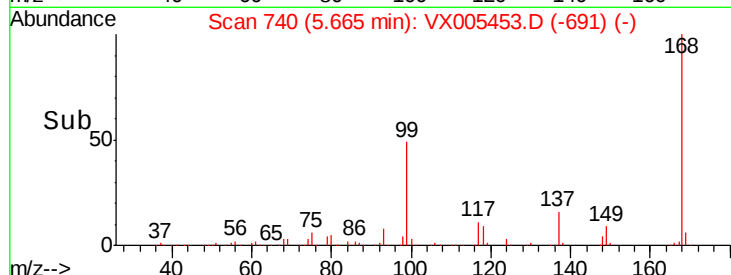
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.286 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005453.D

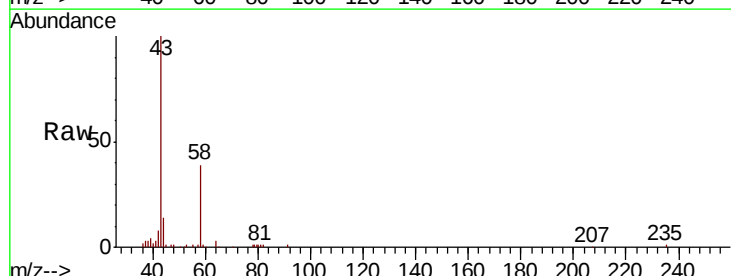
Acq: 19 Oct 2018 13:00

Tgt Ion: 43 Resp: 24117

Ion Ratio Lower Upper

43 100

58 39.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

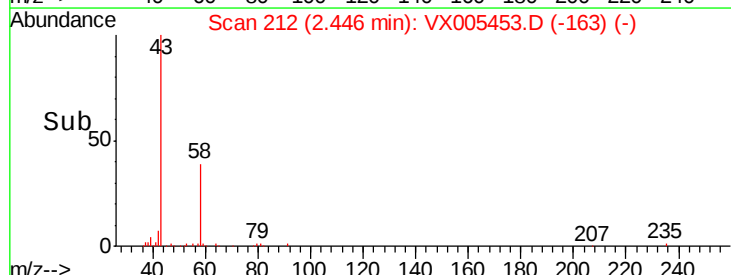
10000

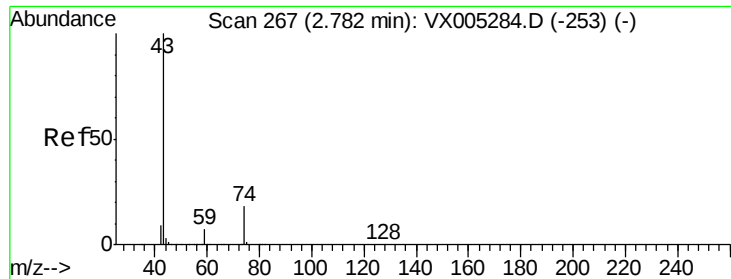
5000

0

Time-->

2.40 2.50 2.60

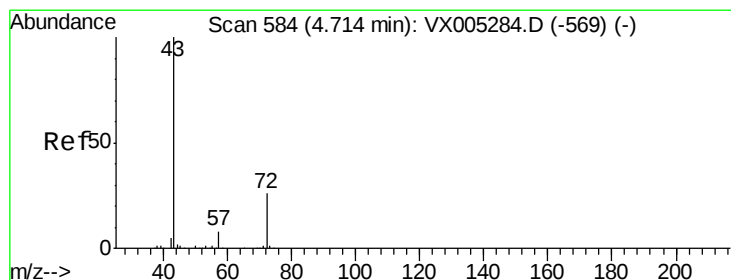
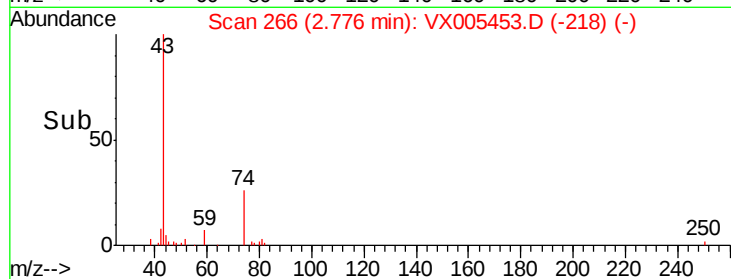
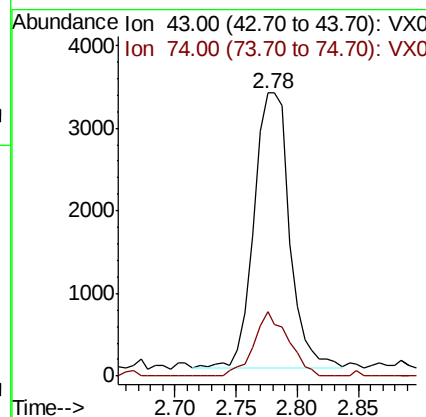
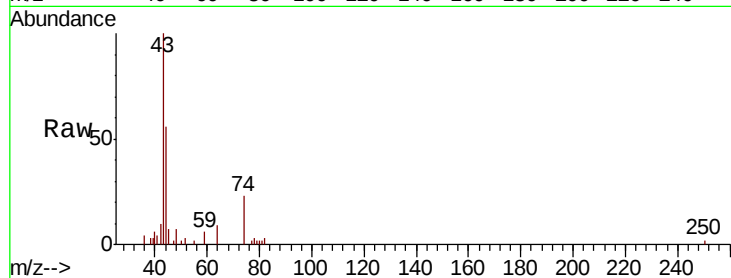




#18
Methvl Acetate
Concen: 1.312 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005453.D
Acq: 19 Oct 2018 13:00

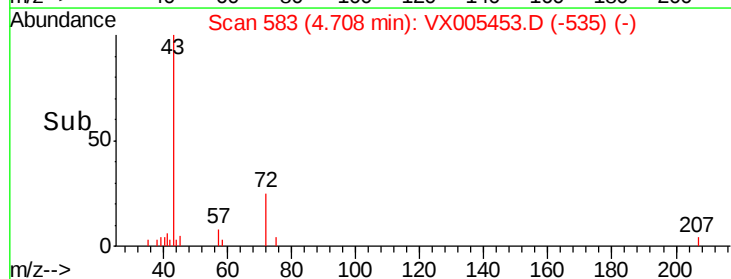
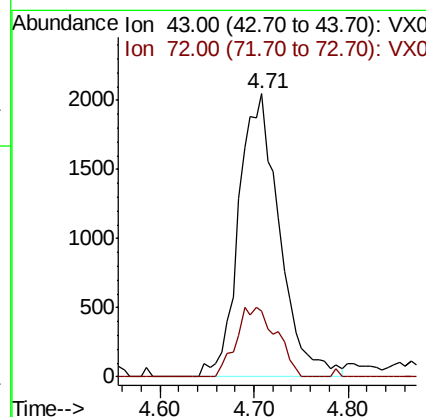
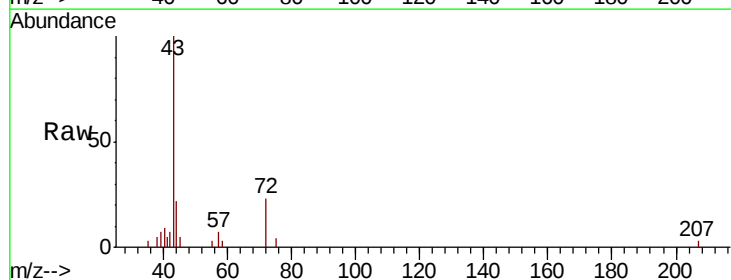
Instrument :
MSVOA_X
ClientSampleId :
LS-SOIL-2

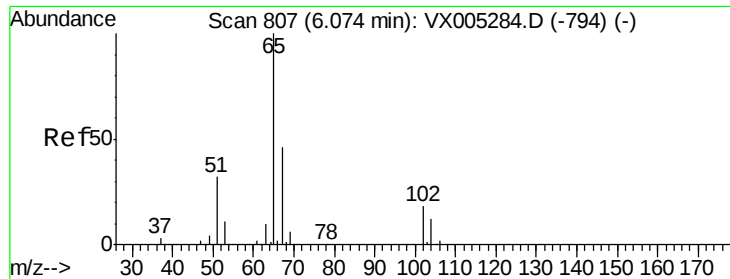
Tot Ion: 43 Resp: 6778
Ion Ratio Lower Upper
43 100
74 22.3 19.4 29.2



#25
2-Butanone
Concen: 2.337 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.01 min
Lab File: VX005453.D
Acq: 19 Oct 2018 13:00

Tgt Ion: 43 Resp: 6206
Ion Ratio Lower Upper
43 100
72 23.3 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 51.100 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005453.D

Acq: 19 Oct 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

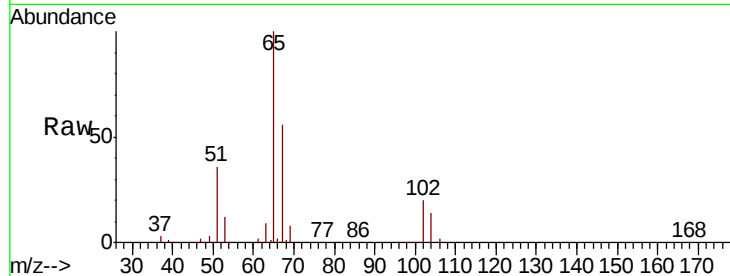
LS-SOIL-2

Tot Ion: 65 Resp: 160434

Ion Ratio Lower Upper

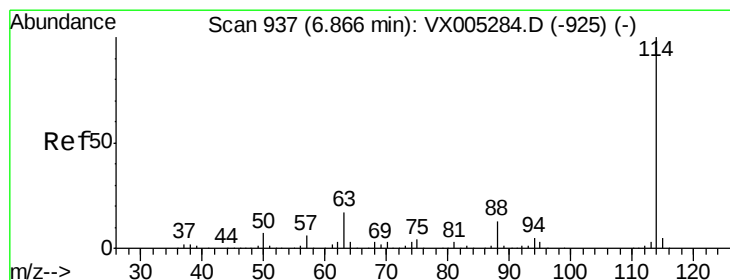
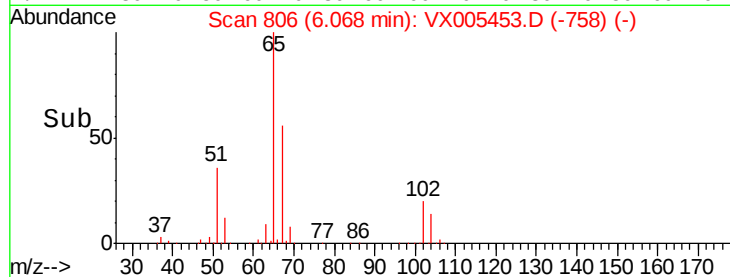
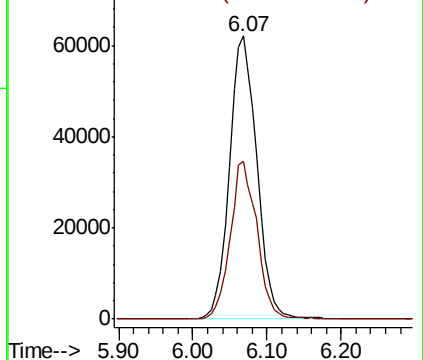
65 100

67 54.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005453.D

Acq: 19 Oct 2018 13:00

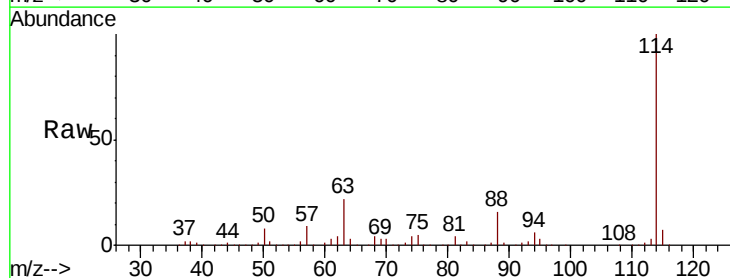
Tgt Ion: 114 Resp: 403182

Ion Ratio Lower Upper

114 100

63 21.6 0.0 39.0

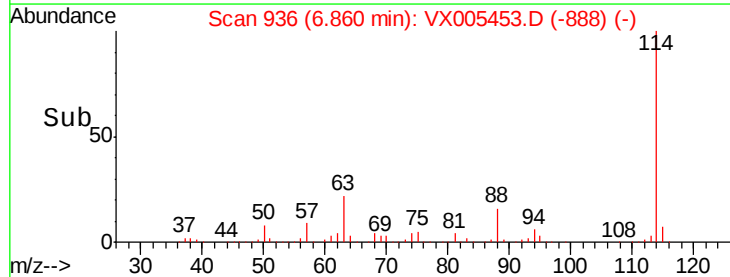
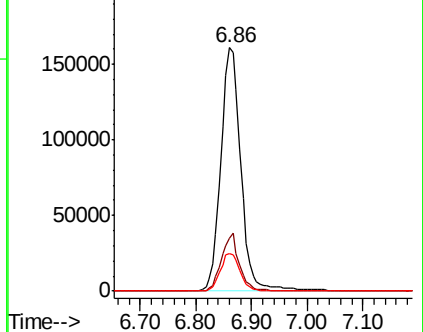
88 15.5 0.0 30.4

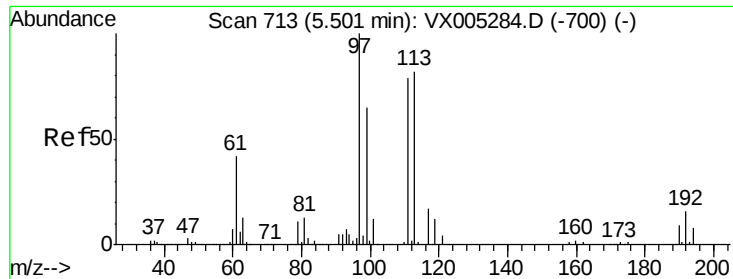


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

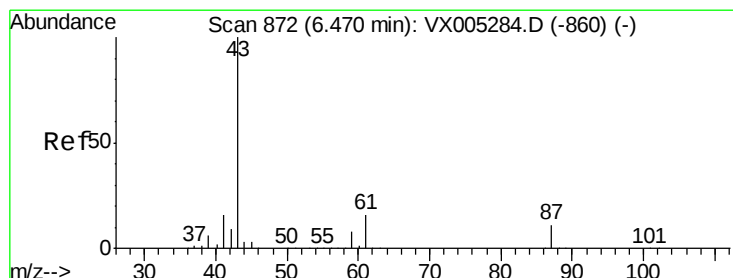
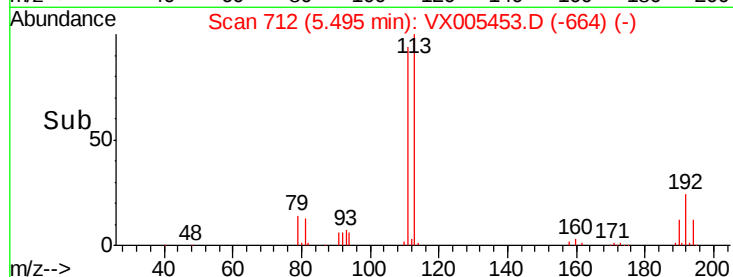
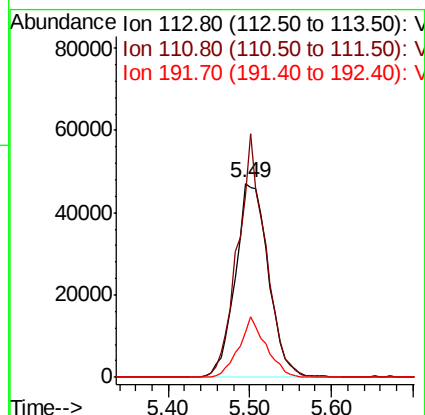
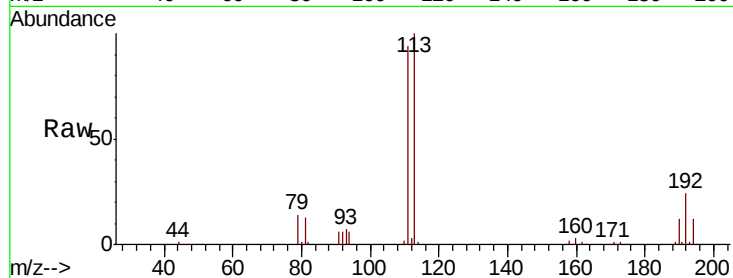




#35
 Dibromofluoromethane
 Concen: 49.441 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005453.D
 Acq: 19 Oct 2018 13:00

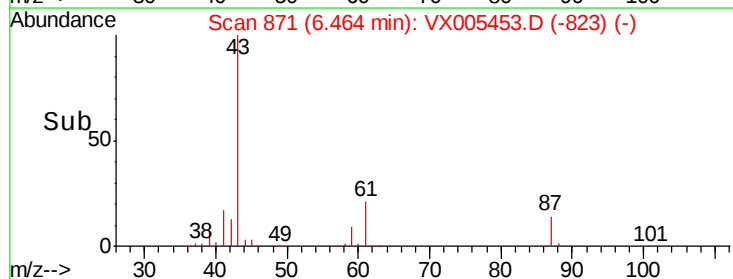
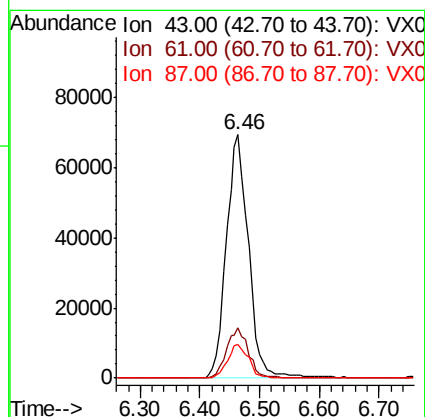
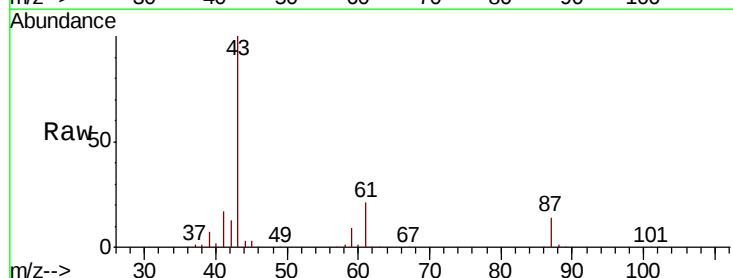
Instrument :
 MSVOA_X
 ClientSampleId :
 LS-SOIL-2

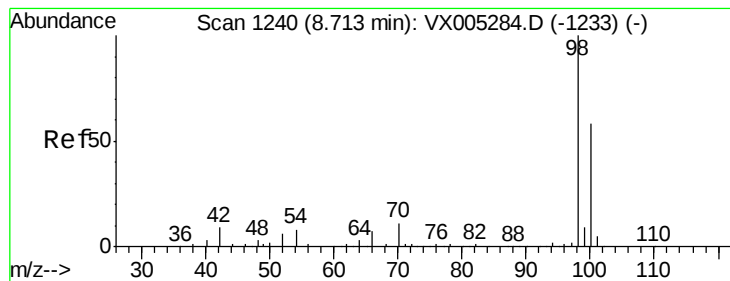
Tot Ion:113 Resp: 132027
 Ion Ratio Lower Upper
 113 100
 111 105.8 82.4 123.6
 192 25.9 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 26.797 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: VX005453.D
 Acq: 19 Oct 2018 13:00

Tgt Ion: 43 Resp: 179256
 Ion Ratio Lower Upper
 43 100
 61 20.4 17.0 25.4
 87 13.4 11.4 17.2





#50

Toluene-d8

Concen: 52.109 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005453.D

Acq: 19 Oct 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

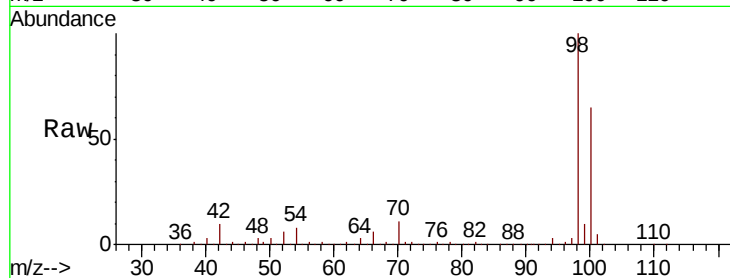
LS-SOIL-2

Tot Ion: 98 Resp: 477711

Ion Ratio Lower Upper

98 100

100 63.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

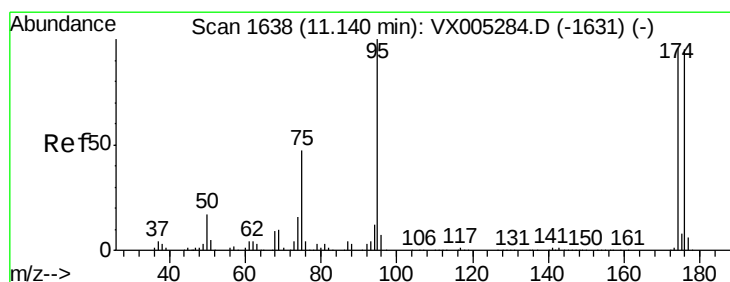
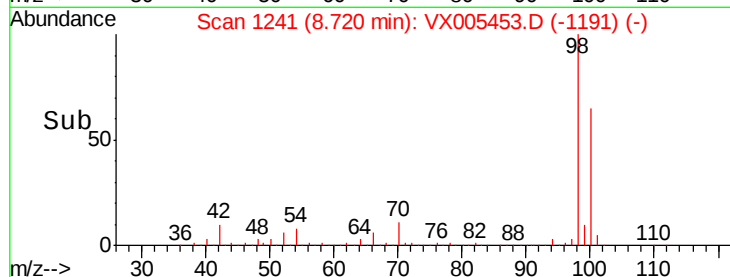
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.097 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005453.D

Acq: 19 Oct 2018 13:00

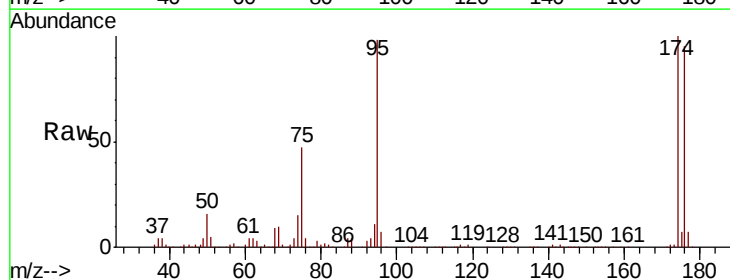
Tgt Ion: 95 Resp: 158754

Ion Ratio Lower Upper

95 100

174 97.3 0.0 185.2

176 92.3 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

11.14

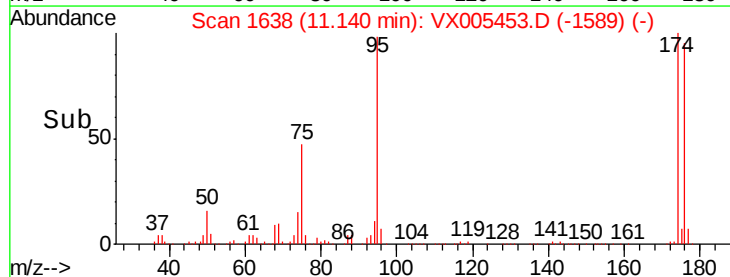
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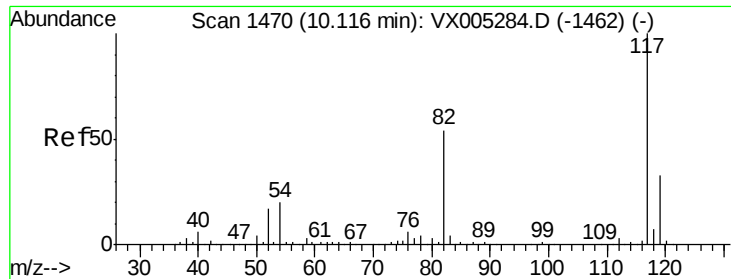
100000

50000

0

Time-->

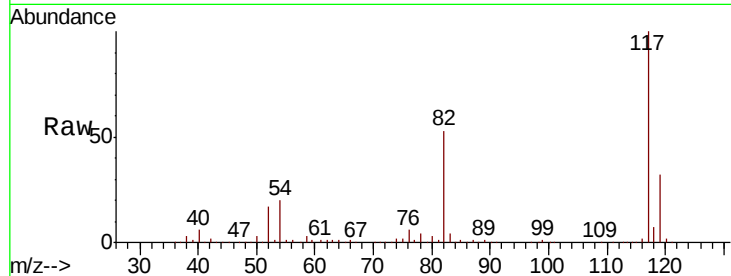




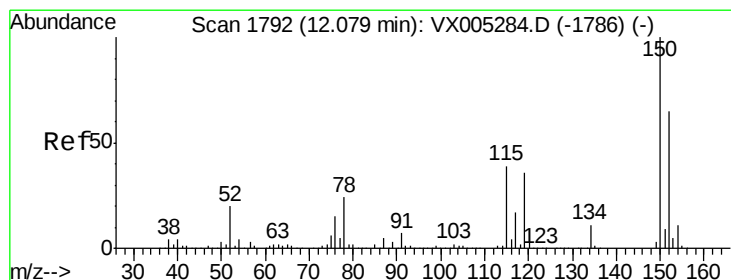
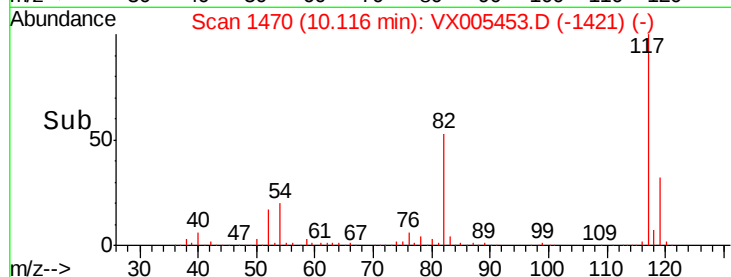
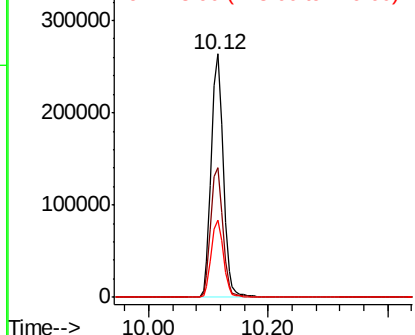
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005453.D
Acq: 19 Oct 2018 13:00

Instrument :
MSVOA_X
ClientSampleId :
LS-SOIL-2

Tot Ion:117 Resp: 364191
Ion Ratio Lower Upper
117 100
82 53.2 47.8 71.6
119 31.9 29.3 43.9

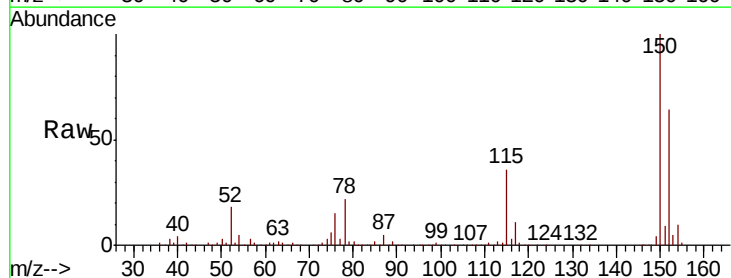


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005453.D
Acq: 19 Oct 2018 13:00

Tgt Ion:152 Resp: 177357
Ion Ratio Lower Upper
152 100
115 54.5 39.0 117.0
150 155.9 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

