

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001489.D
 Acq On : 08 May 2018 02:27
 Operator : JC/MD
 Sample : J2754-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: May 08 07:46:58 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

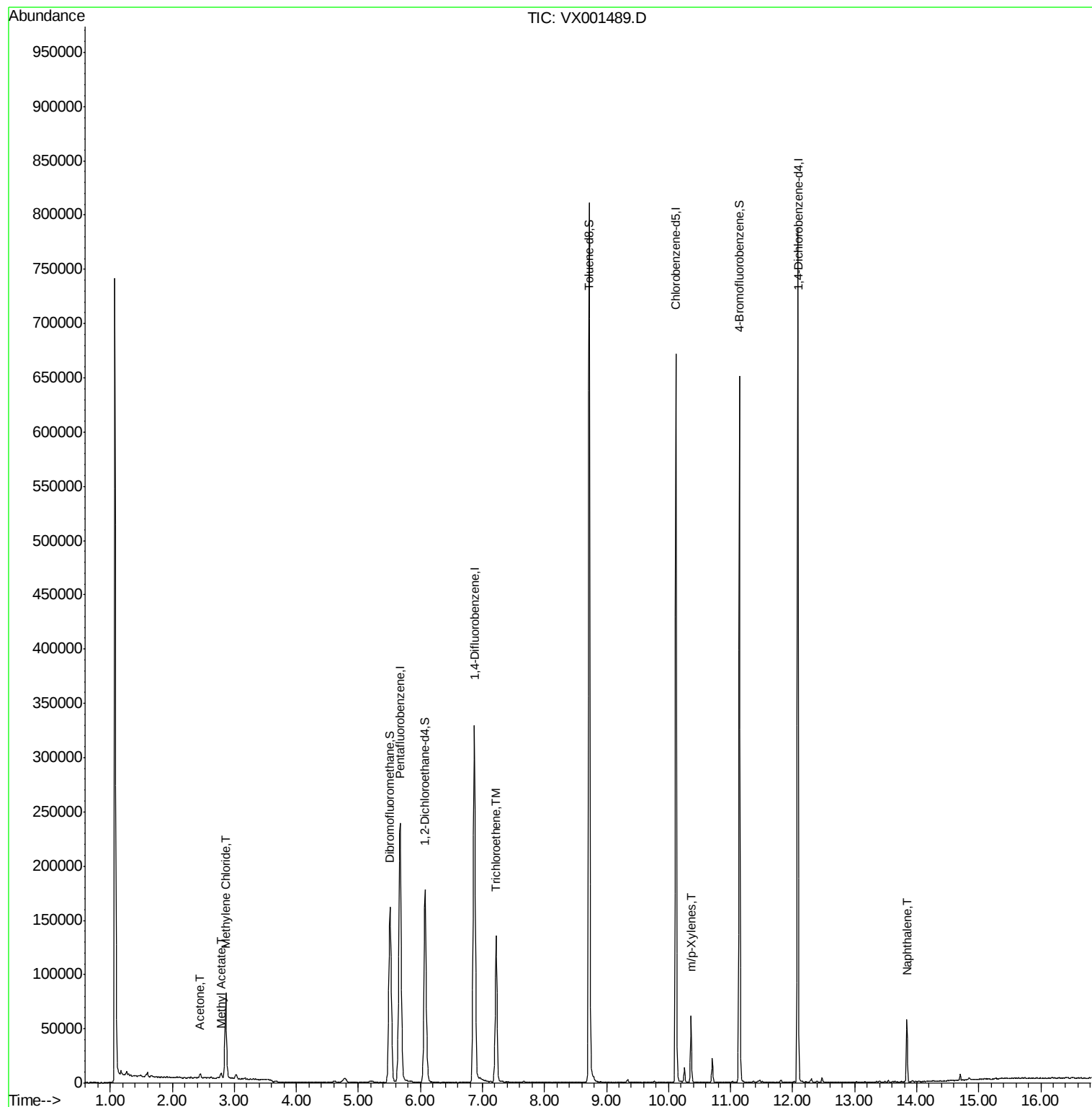
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340640	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	169166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168290	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
35) Dibromofluoromethane	5.51	113	129747	42.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.64%	
50) Toluene-d8	8.72	98	472294	42.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.40%	
62) 4-Bromofluorobenzene	11.14	95	156568	36.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.76%	
Target Compounds						
16) Acetone	2.45	43	4836	2.99	ug/l	91
18) Methyl Acetate	2.78	43	5464	1.28	ug/l	94
20) Methylene Chloride	2.86	84	36985	11.53	ug/l	99
44) Trichloroethene	7.22	130	53299	13.78	ug/l	98
68) m/p-Xylenes	10.36	106	13689	2.38	ug/l	97
95) Naphthalene	13.84	128	35672	2.85	ug/l	99

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

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Quant Time: May 08 07:46:58 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001489.D

Acq: 08 May 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

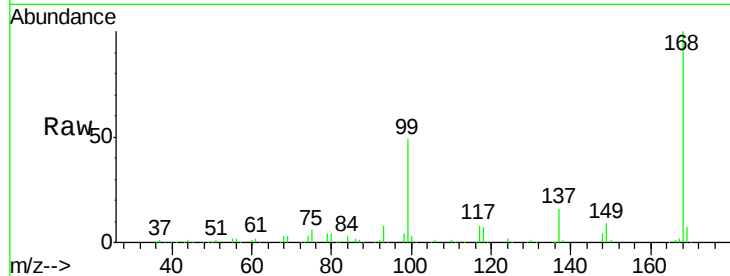
LS-SOIL-PILE-1A

Tot Ion:168 Resp: 248209

Ion Ratio Lower Upper

168 100

99 48.4 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

80000

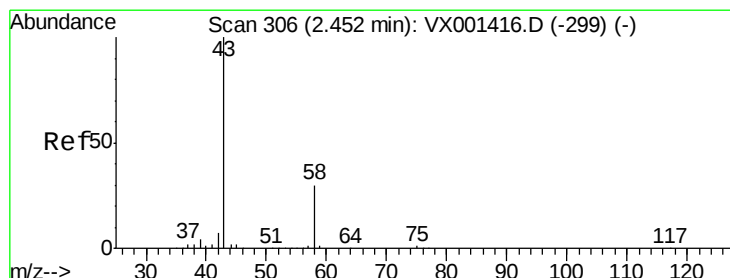
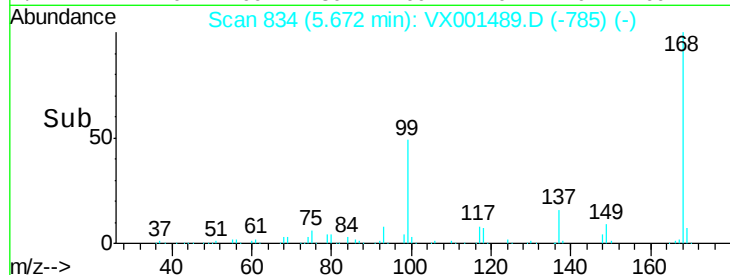
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.99 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001489.D

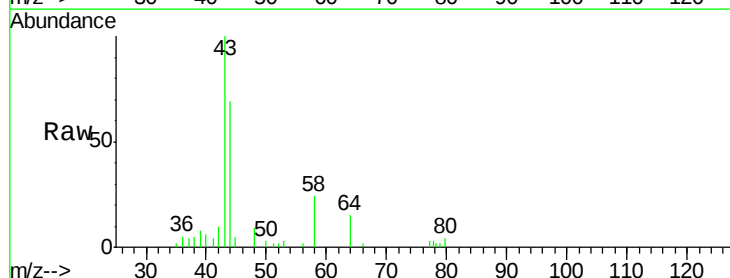
Acq: 08 May 2018 02:27

Tgt Ion: 43 Resp: 4836

Ion Ratio Lower Upper

43 100

58 24.9 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

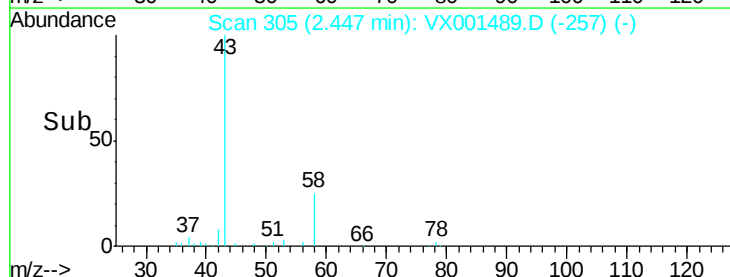
3000

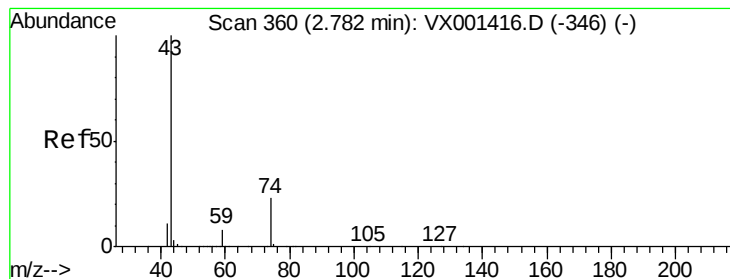
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#18

Methvl Acetate

Concen: 1.28 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001489.D

Acq: 08 May 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

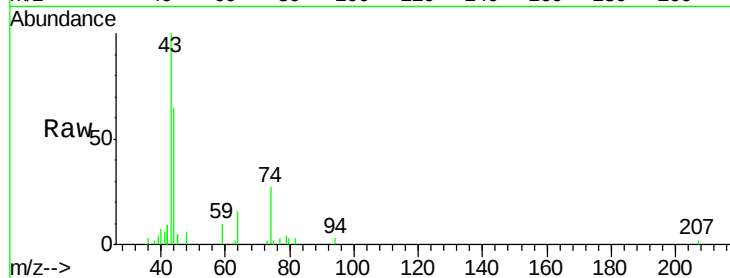
LS-SOIL-PILE-1A

Tot Ion: 43 Resp: 5464

Ion Ratio Lower Upper

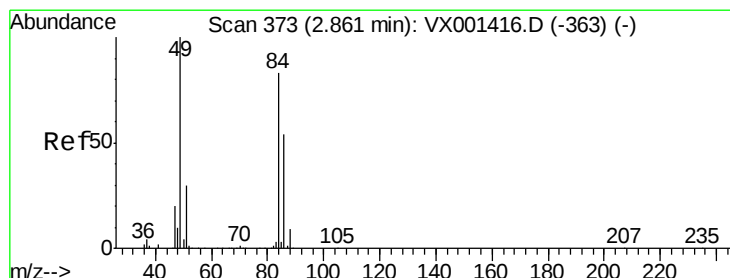
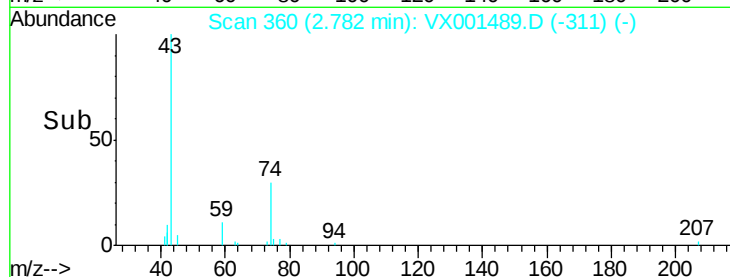
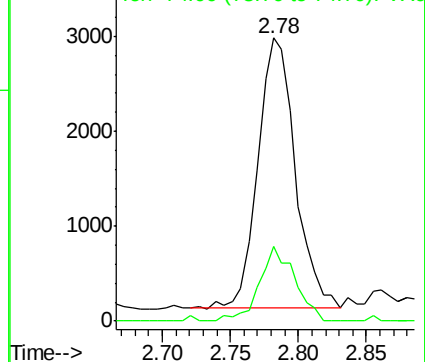
43 100

74 26.3 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 11.53 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001489.D

Acq: 08 May 2018 02:27

Tgt Ion: 84 Resp: 36985

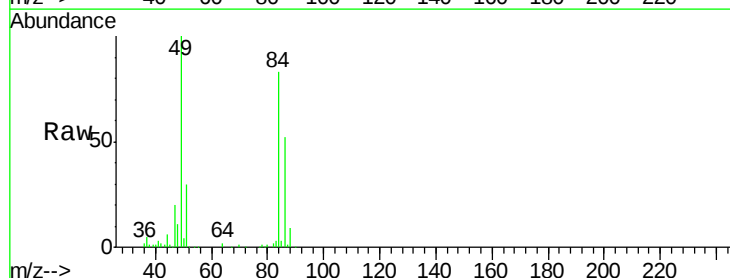
Ion Ratio Lower Upper

84 100

49 120.0 96.6 144.8

51 36.1 29.0 43.4

86 62.9 52.2 78.4

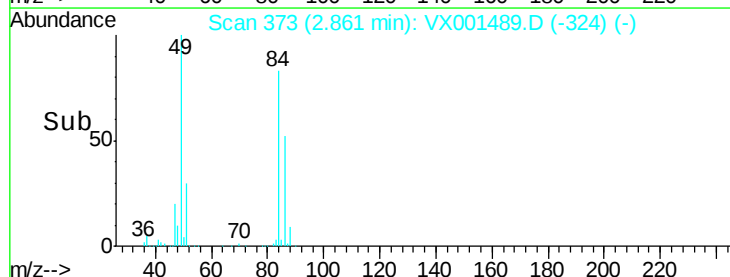
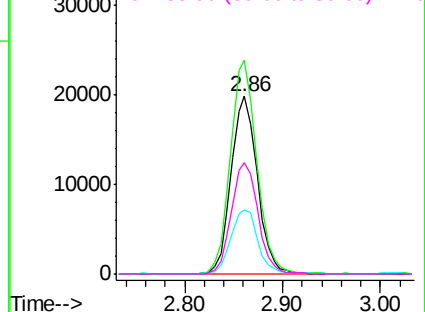


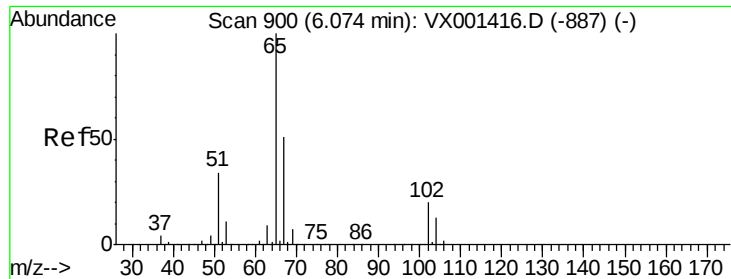
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

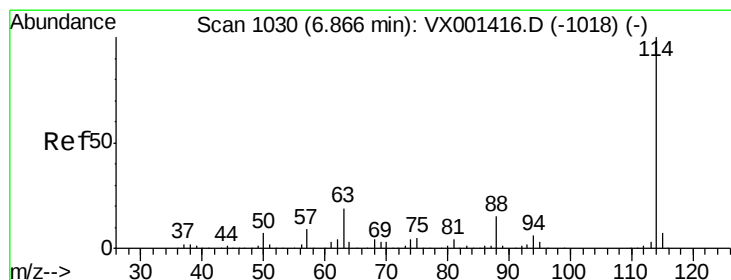
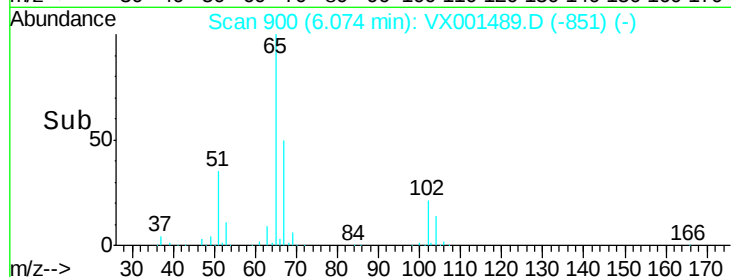
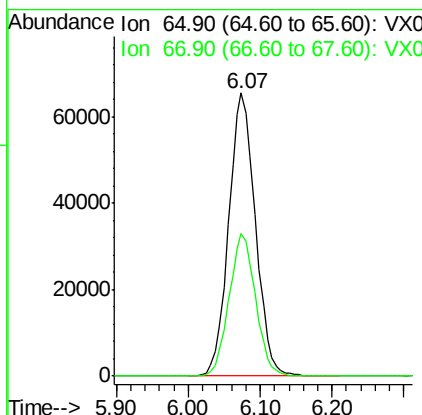
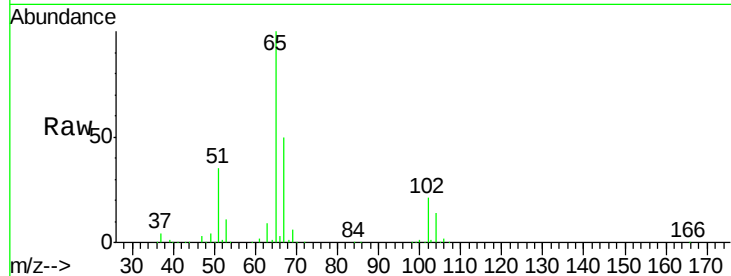




#33
 1,2-Dichloroethane-d4
 Concen: 47.17 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001489.D
 Acq: 08 May 2018 02:27

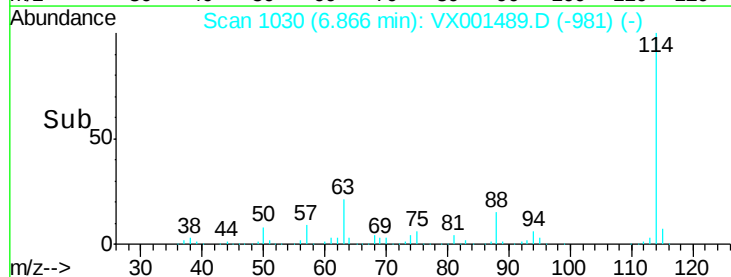
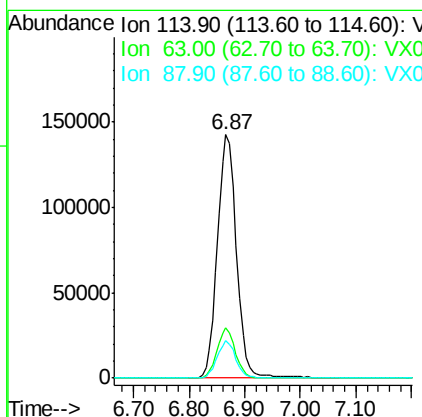
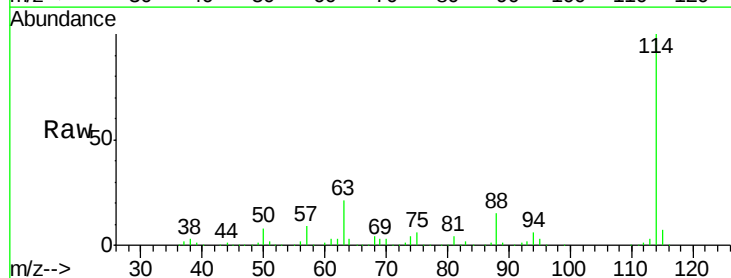
Instrument :
 MSVOA_X
 ClientSampleId :
 LS-SOIL-PILE-1A

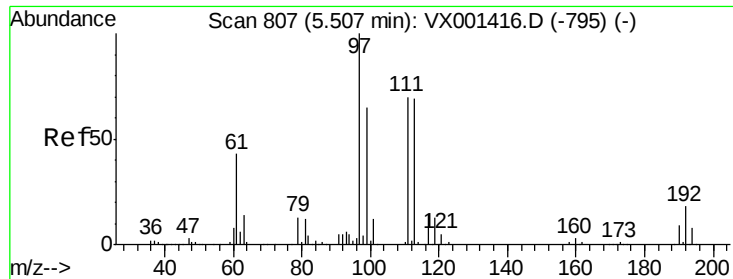
Tot Ion: 65 Resp: 168290
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001489.D
 Acq: 08 May 2018 02:27

Tgt Ion: 114 Resp: 340640
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.6
 88 15.3 0.0 30.8

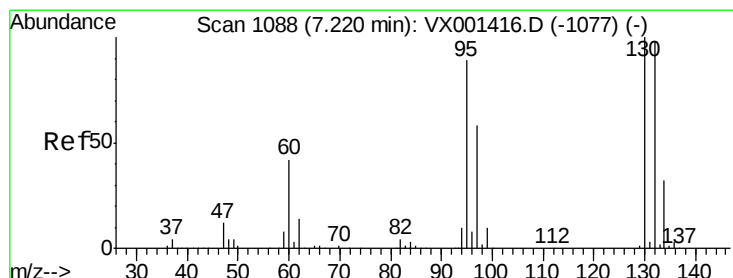
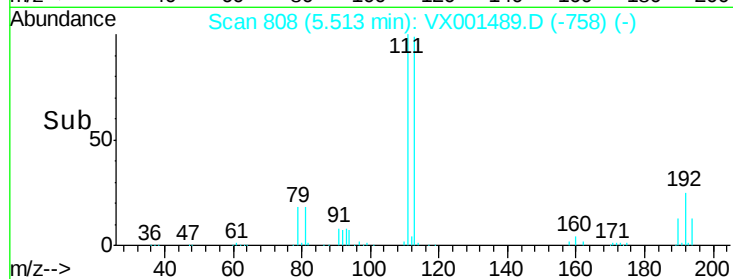
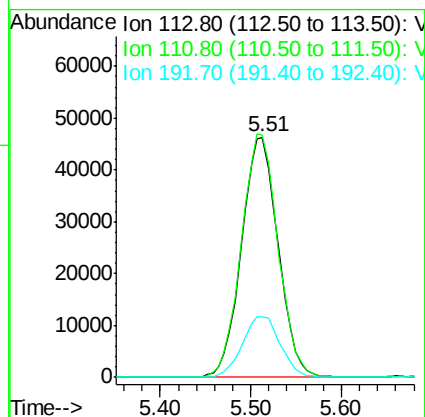
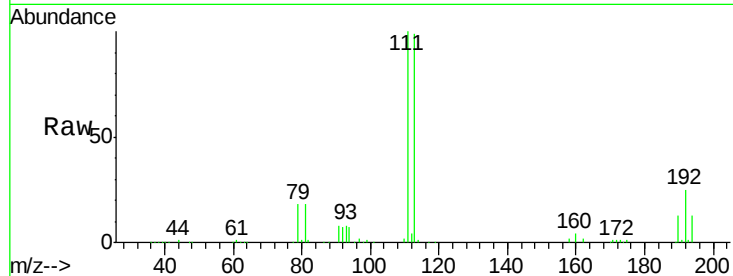




#35
 Dibromofluoromethane
 Concen: 42.82 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001489.D
 Acq: 08 May 2018 02:27

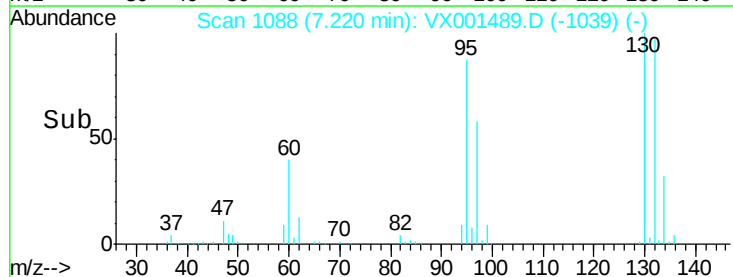
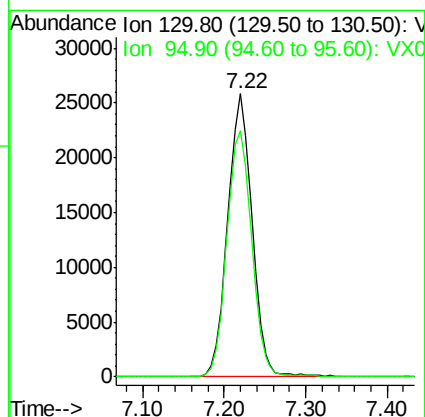
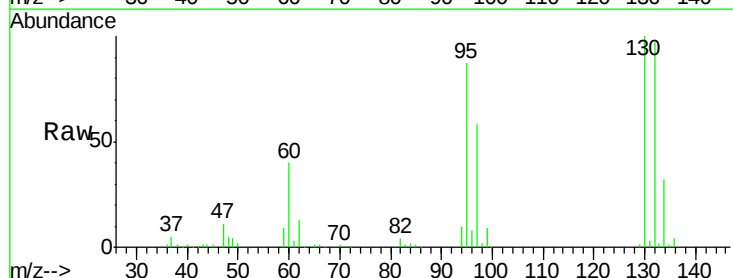
Instrument :
 MSVOA_X
 ClientSampleId :
 LS-SOIL-PILE-1A

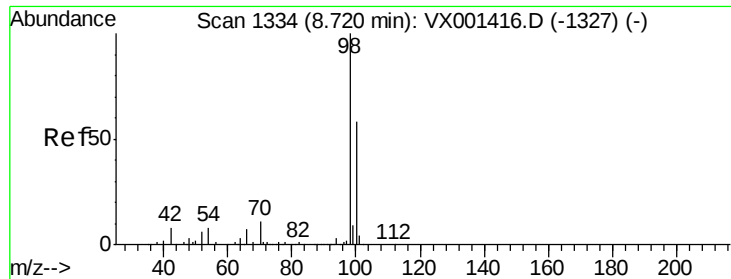
Tot Ion:113 Resp: 129747
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.2
 192 26.2 21.4 32.0



#44
 Trichloroethene
 Concen: 13.78 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001489.D
 Acq: 08 May 2018 02:27

Tgt Ion:130 Resp: 53299
 Ion Ratio Lower Upper
 130 100
 95 87.2 0.0 178.4





#50

Toluene-d8

Concen: 42.70 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001489.D

Acq: 08 May 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

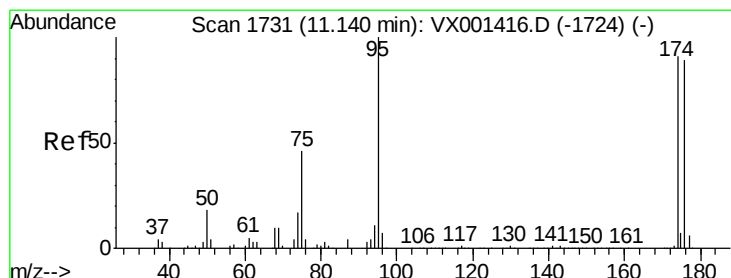
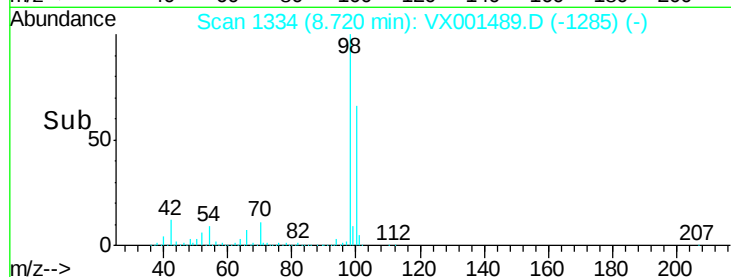
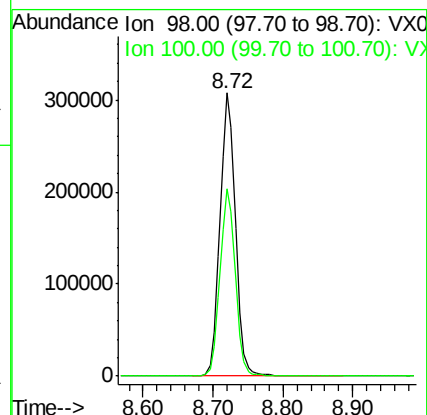
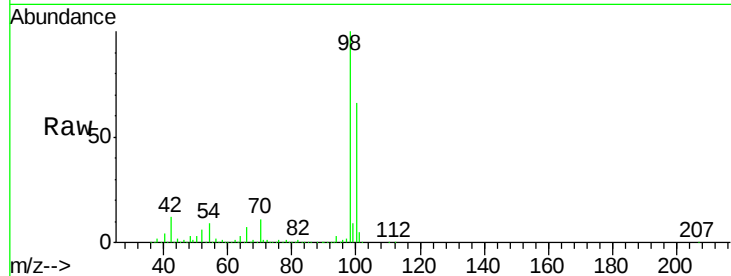
LS-SOIL-PILE-1A

Tot Ion: 98 Resp: 472294

Ion Ratio Lower Upper

98 100

100 65.8 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 36.88 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001489.D

Acq: 08 May 2018 02:27

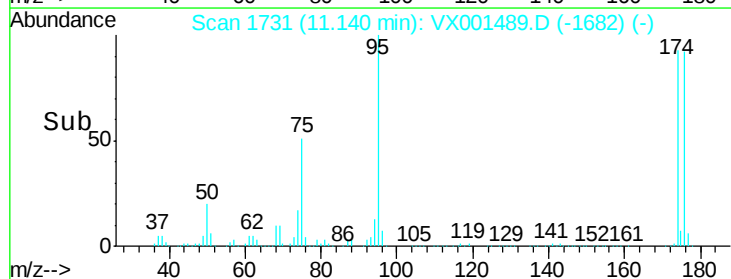
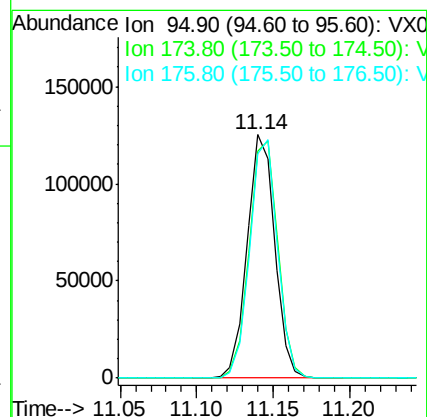
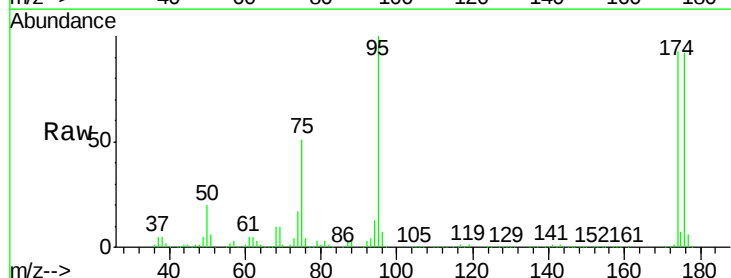
Tgt Ion: 95 Resp: 156568

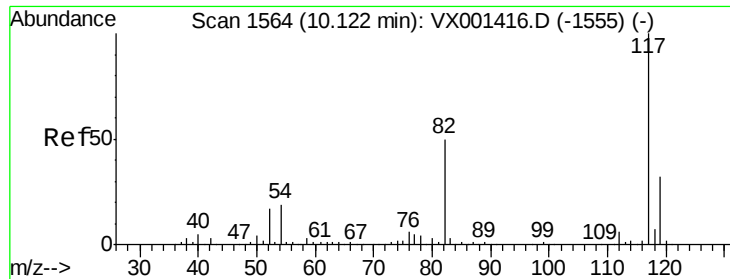
Ion Ratio Lower Upper

95 100

174 101.7 0.0 202.0

176 99.0 0.0 197.4

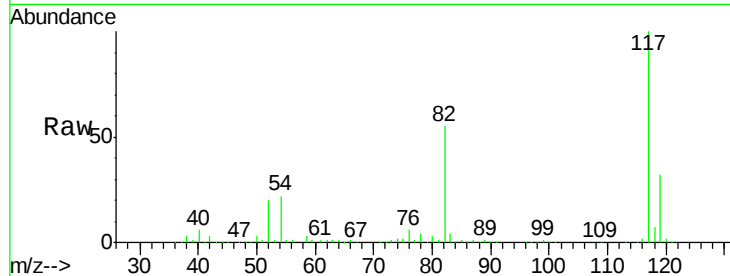




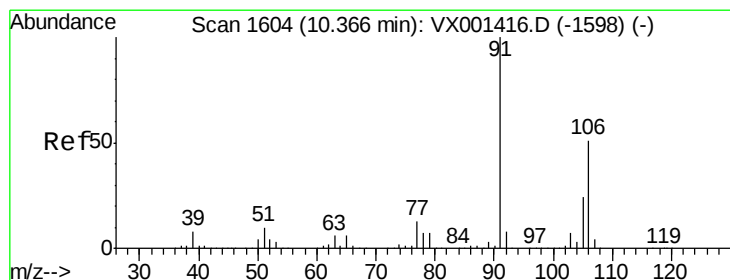
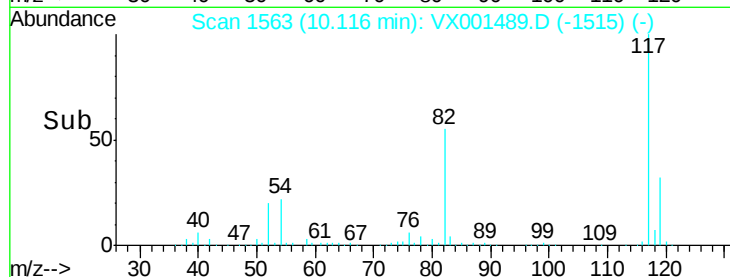
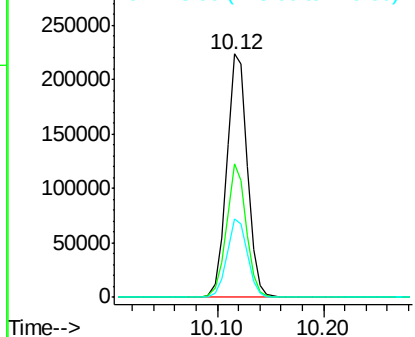
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001489.D
Acq: 08 May 2018 02:27

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

Tot Ion:117 Resp: 303362
Ion Ratio Lower Upper
117 100
82 54.8 40.0 60.0
119 32.1 25.8 38.8

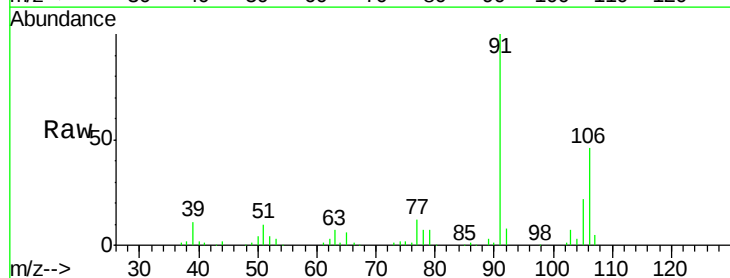


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

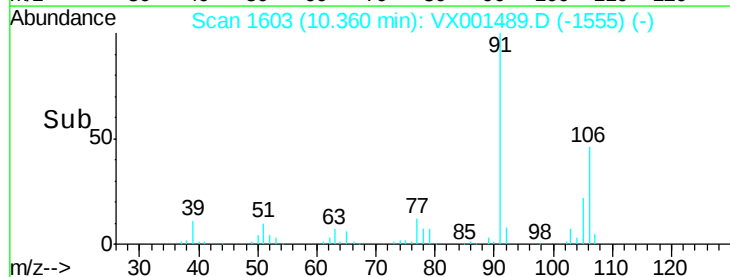
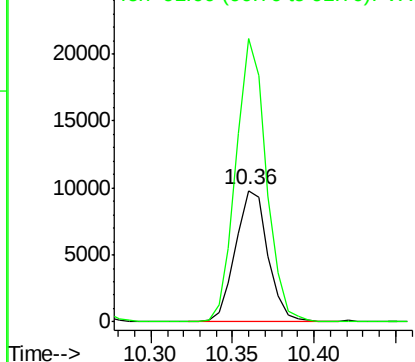


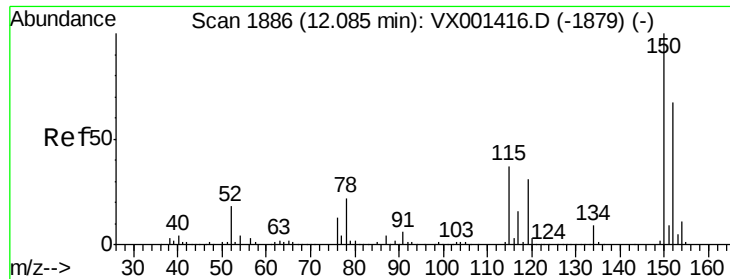
#68
m/p-Xylenes
Concen: 2.38 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001489.D
Acq: 08 May 2018 02:27

Tgt Ion:106 Resp: 13689
Ion Ratio Lower Upper
106 100
91 201.3 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001489.D

Acq: 08 May 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

LS-SOIL-PILE-1A

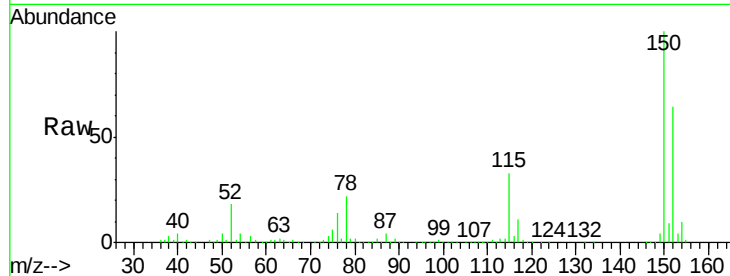
Tot Ion:152 Resp: 169166

Ion Ratio Lower Upper

152 100

115 52.3 37.7 113.1

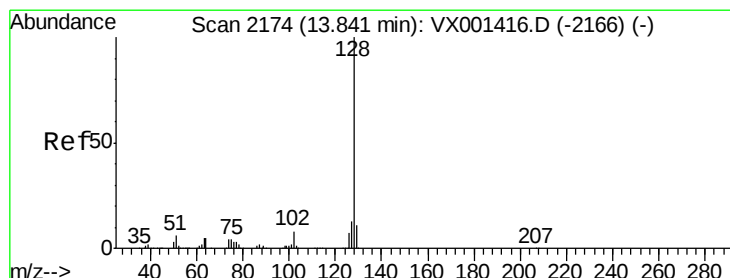
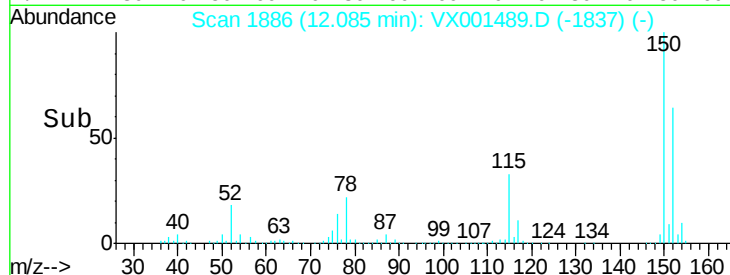
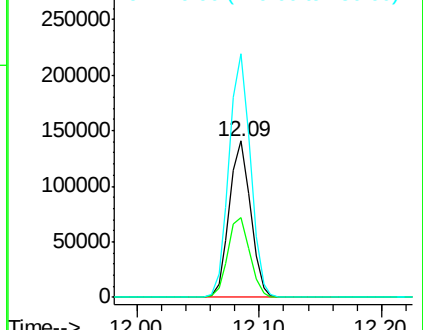
150 156.0 0.0 349.4



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



#95

Naphthalene

Concen: 2.85 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001489.D

Acq: 08 May 2018 02:27

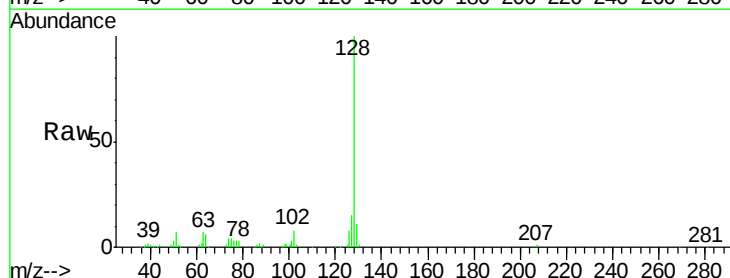
Tgt Ion:128 Resp: 35672

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

