

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004938.D
 Acq On : 02 Oct 2018 23:56
 Operator : JC/MD
 Sample : J5170-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-1

Quant Time: Oct 03 07:12:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201878	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	164614	56.68	ug/l	0.00
Spiked Amount			Recovery	=	113.36%	
35) Dibromofluoromethane	5.51	113	139976	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
50) Toluene-d8	8.71	98	507906	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.14	95	188679	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	

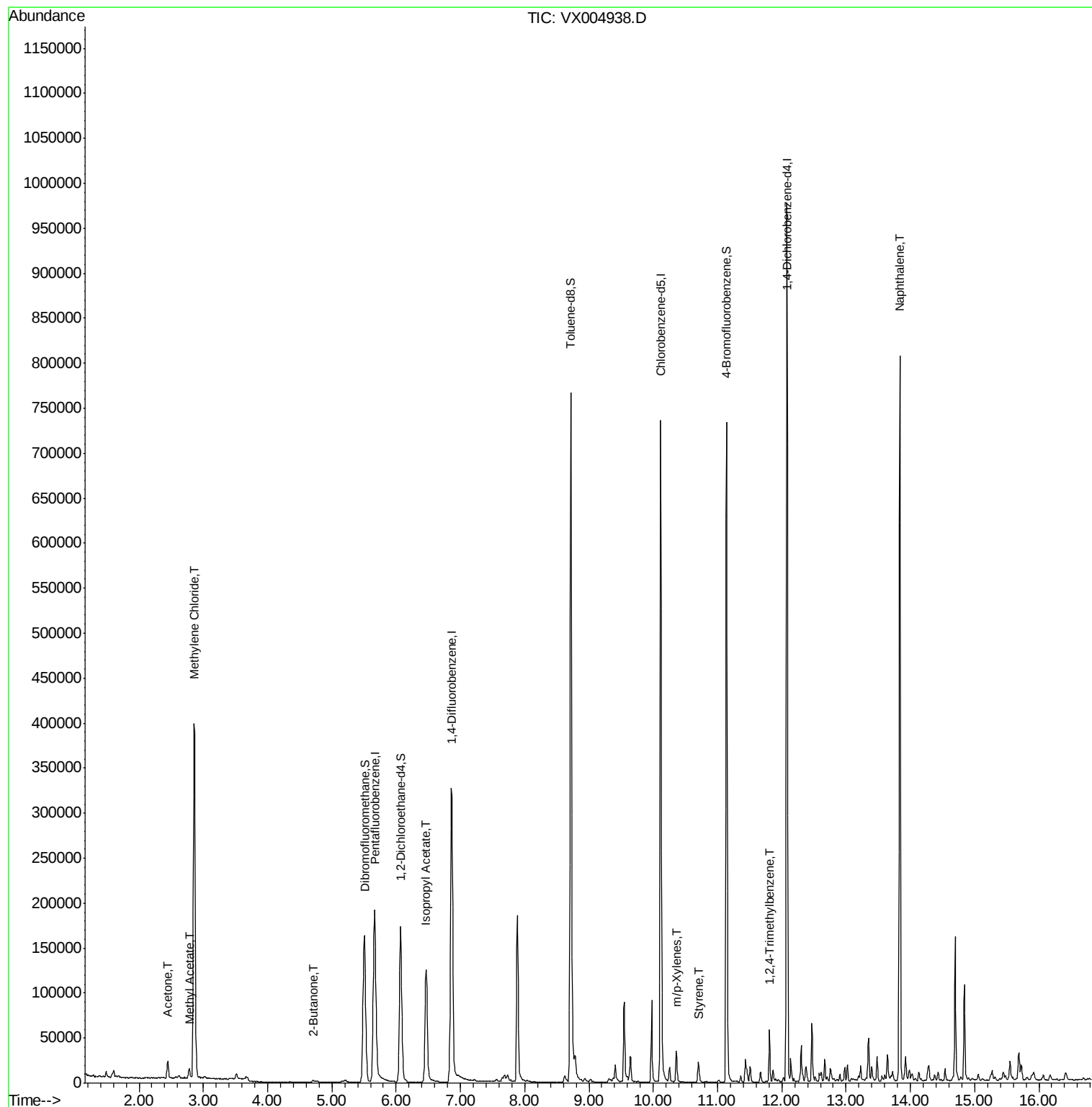
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	20454	12.064	ug/l	96
18) Methyl Acetate	2.78	43	13269	3.089	ug/l	98
20) Methylene Chloride	2.85	84	179386	73.158	ug/l	87
25) 2-Butanone	4.71	43	4215	1.687	ug/l	94
43) Isopropyl Acetate	6.46	43	174684	22.648	ug/l	97
68) m/p-Xylenes	10.36	106	8187	1.466	ug/l	91
70) Styrene	10.71	104	3805	2.520	ug/l	91
84) 1,2,4-Trimethylbenzene	11.81	105	25233	1.908	ug/l	98
95) Naphthalene	13.83	128	480711	28.935	ug/l	100

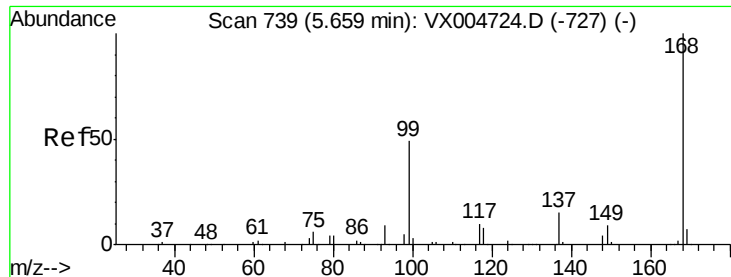
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100318\
Data File : VX004938.D
Acq On : 02 Oct 2018 23:56
Operator : JC/MD
Sample : J5170-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-1

Quant Time: Oct 03 07:12:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

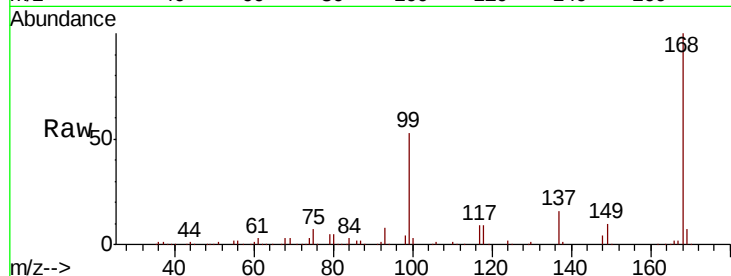
HC-SOIL-1

Tot Ion:168 Resp: 203297

Ion Ratio Lower Upper

168 100

99 53.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

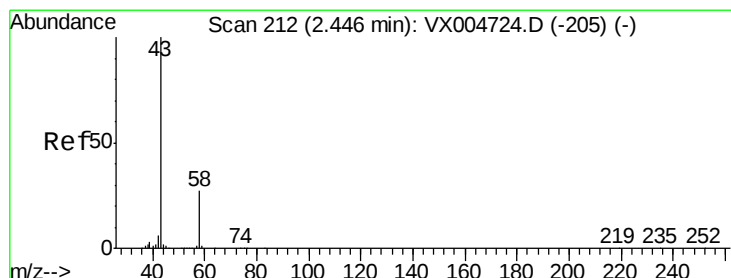
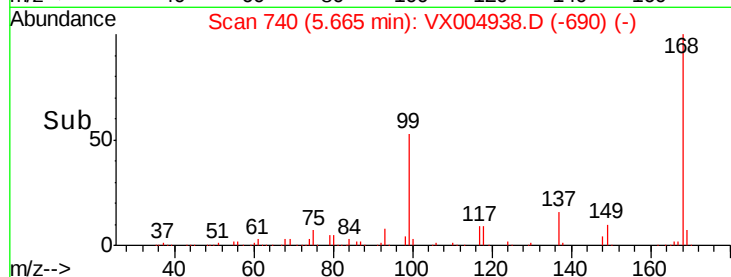
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.064 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004938.D

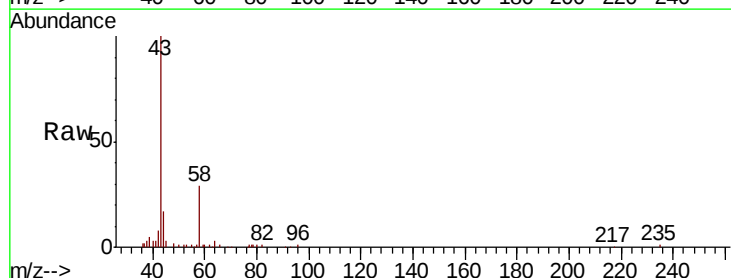
Acq: 02 Oct 2018 23:56

Tgt Ion: 43 Resp: 20454

Ion Ratio Lower Upper

43 100

58 29.5 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

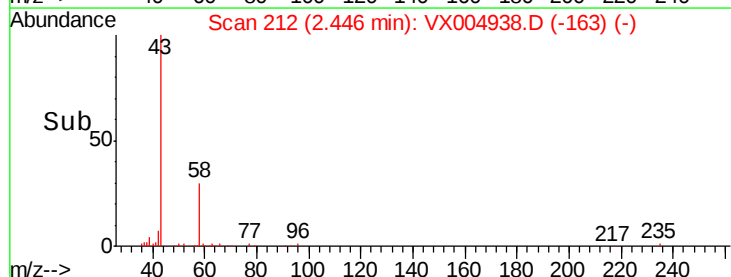
15000

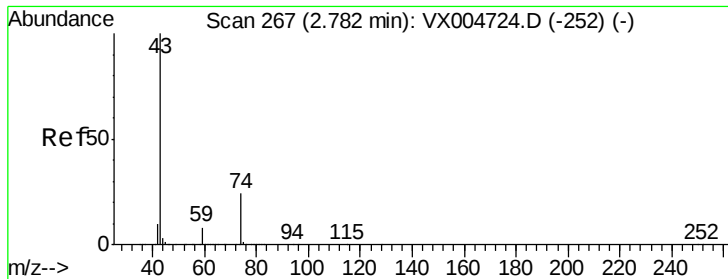
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

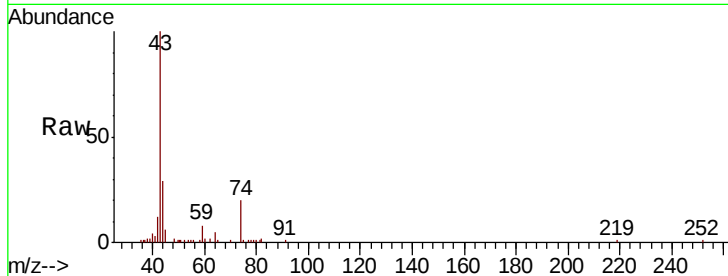




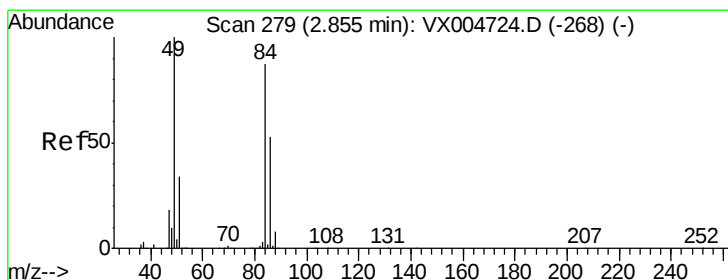
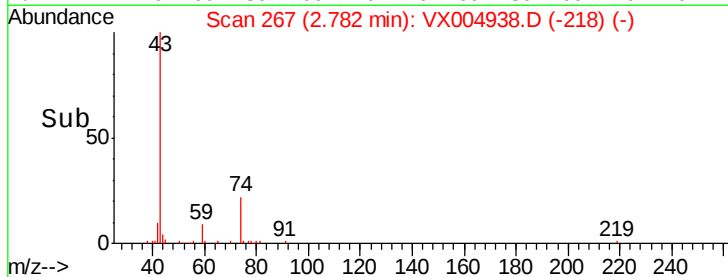
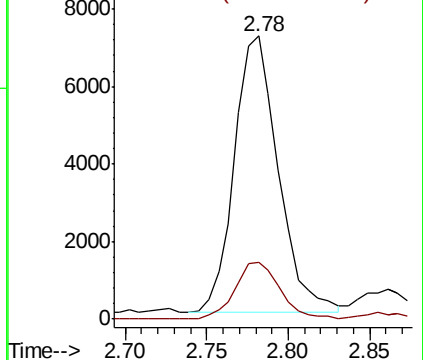
#18
Methvl Acetate
Concen: 3.089 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

Tot Ion: 43 Resp: 13269
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8

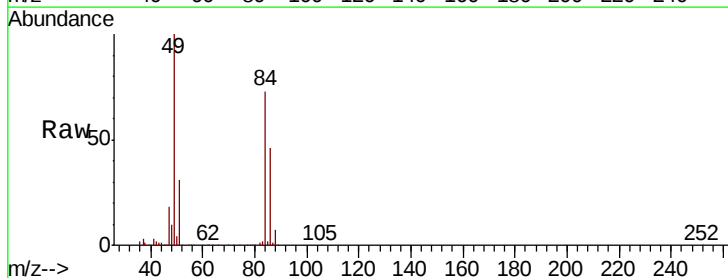


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

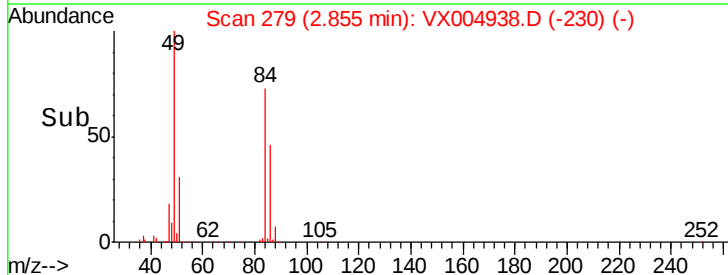
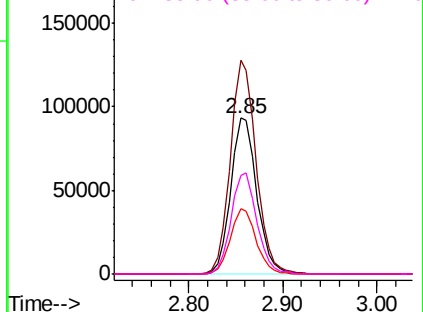


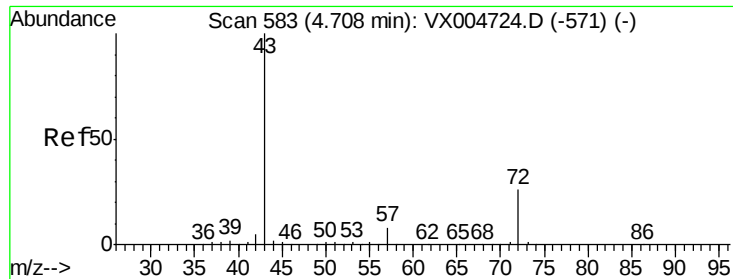
#20
Methylene Chloride
Concen: 73.158 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Tgt Ion: 84 Resp: 179386
Ion Ratio Lower Upper
84 100
49 137.2 92.3 138.5
51 42.2 31.8 47.6
86 63.6 48.5 72.7



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





#25

2-Butanone

Concen: 1.687 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

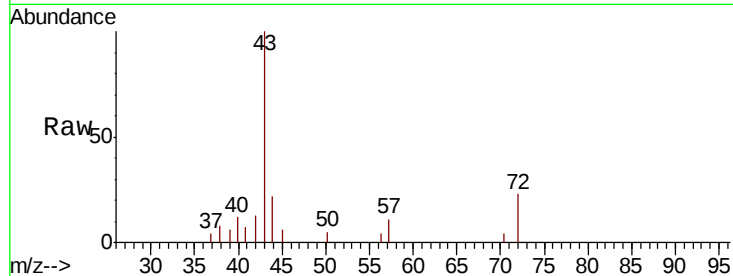
HC-SOIL-1

Tot Ion: 43 Resp: 4215

Ion Ratio Lower Upper

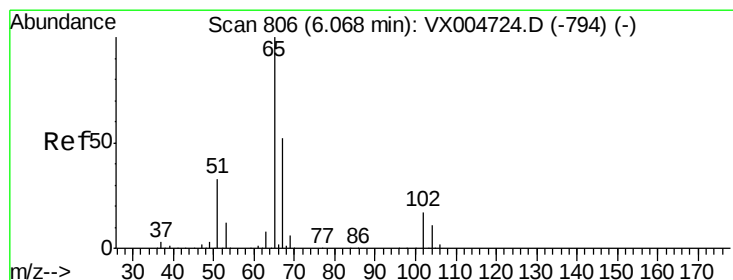
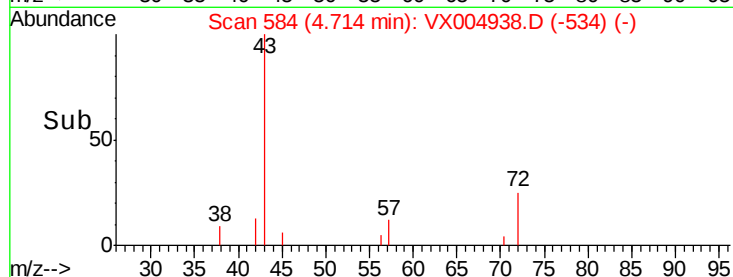
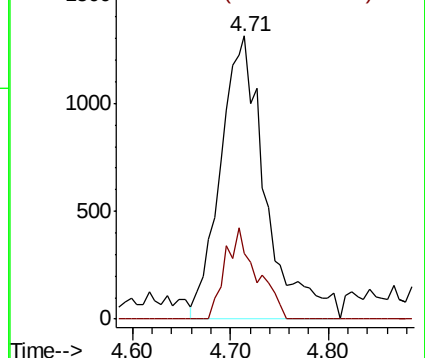
43 100

72 23.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 56.683 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004938.D

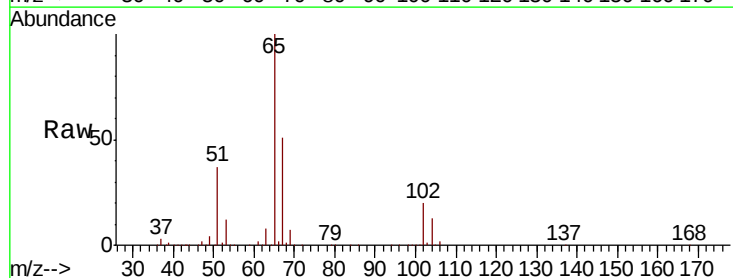
Acq: 02 Oct 2018 23:56

Tgt Ion: 65 Resp: 164614

Ion Ratio Lower Upper

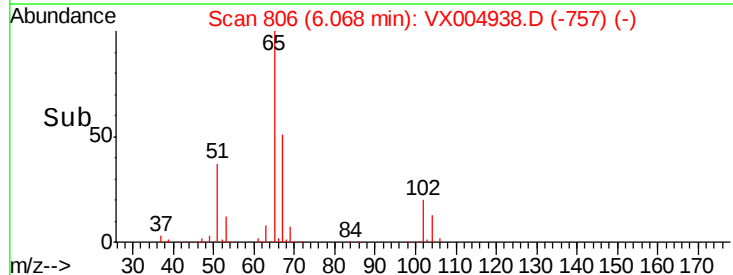
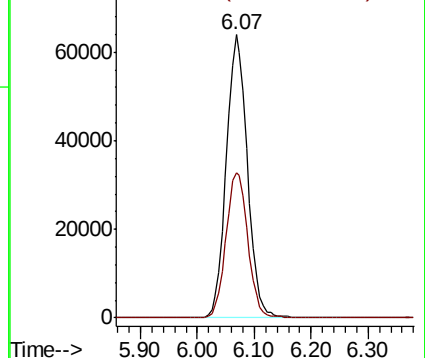
65 100

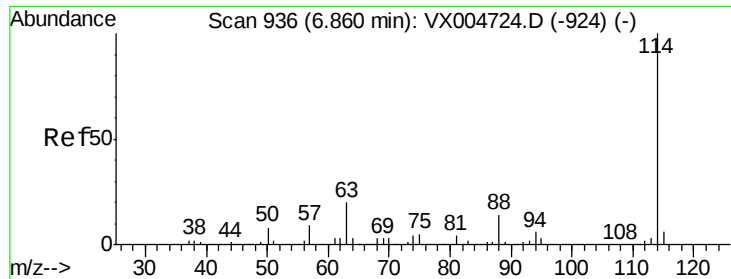
67 53.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

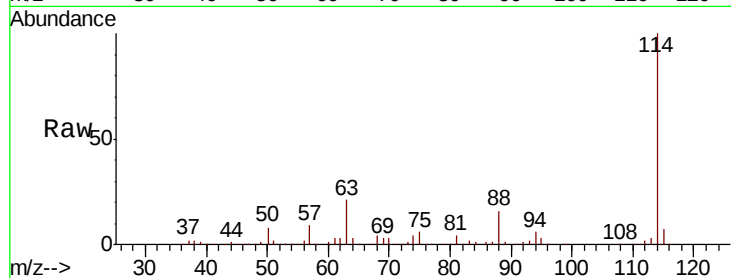




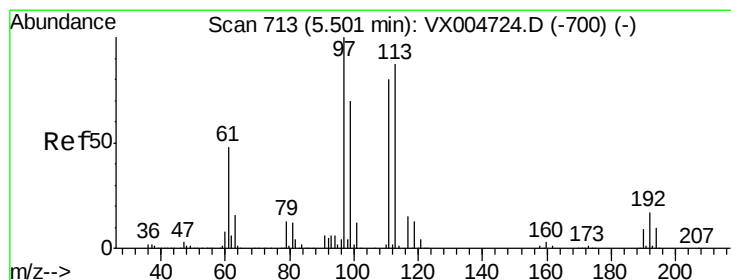
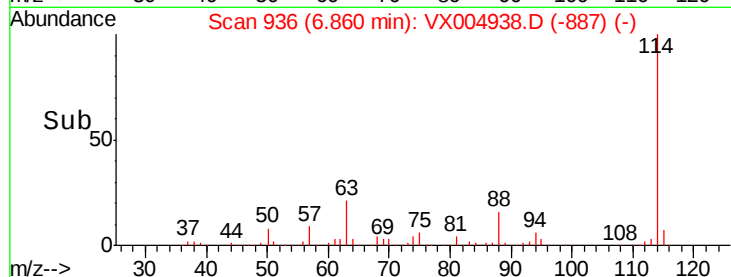
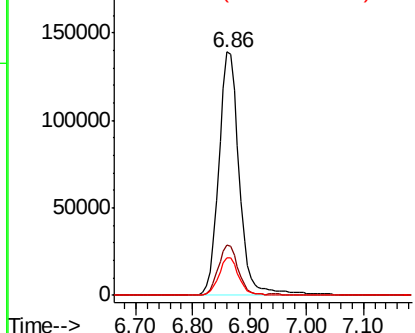
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004938.D
 Acq: 02 Oct 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-1

Tot Ion:114 Resp: 348146
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 15.5 0.0 27.0

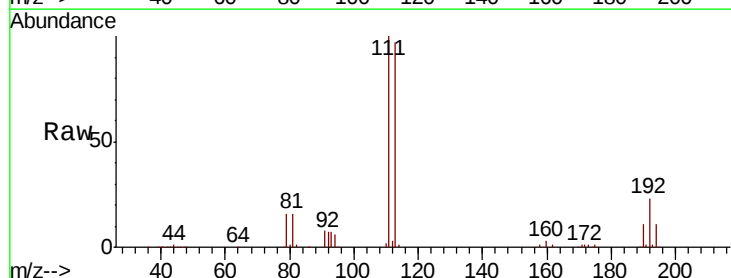


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

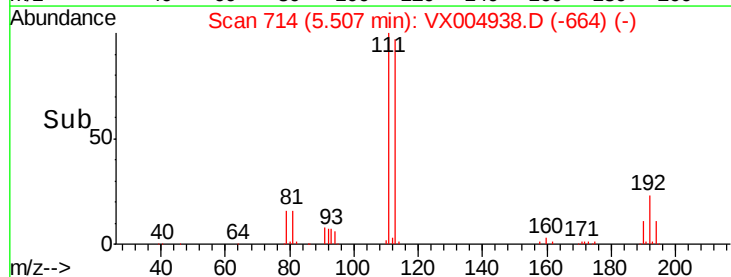
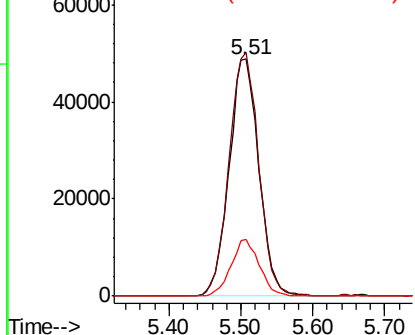


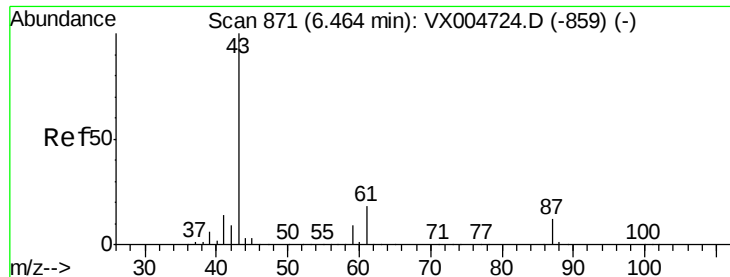
#35
 Dibromofluoromethane
 Concen: 47.440 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004938.D
 Acq: 02 Oct 2018 23:56

Tgt Ion:113 Resp: 139976
 Ion Ratio Lower Upper
 113 100
 111 102.3 77.0 115.4
 192 22.9 17.0 25.6



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





#43

Isopropyl Acetate

Concen: 22.648 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

HC-SOIL-1

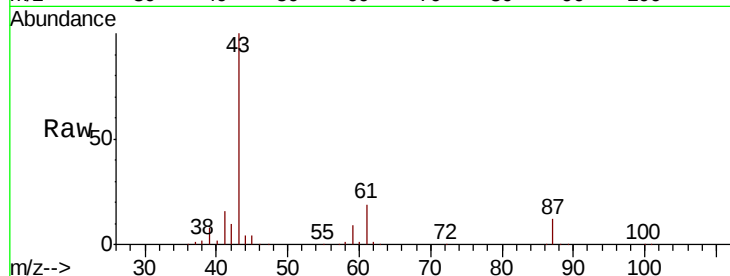
Tot Ion: 43 Resp: 174684

Ion Ratio Lower Upper

43 100

61 19.2 14.2 21.4

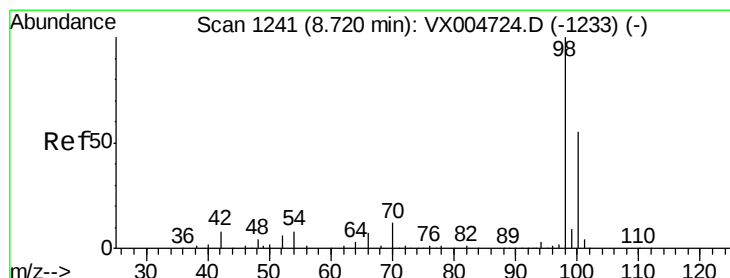
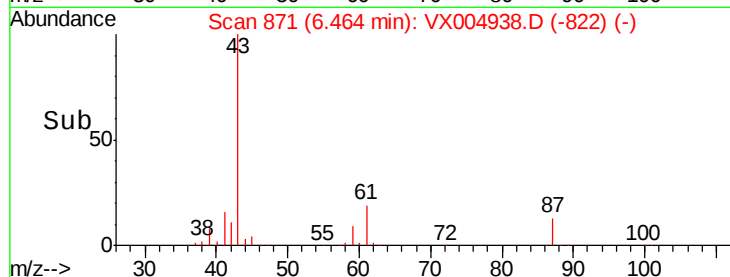
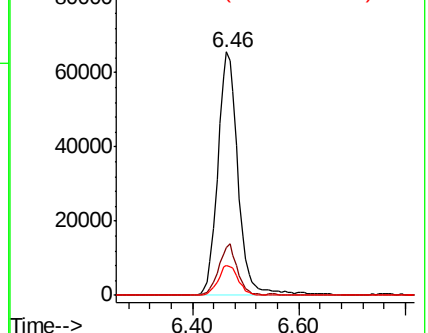
87 12.5 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.779 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004938.D

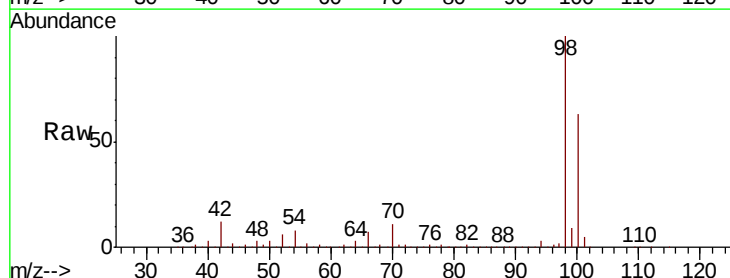
Acq: 02 Oct 2018 23:56

Tgt Ion: 98 Resp: 507906

Ion Ratio Lower Upper

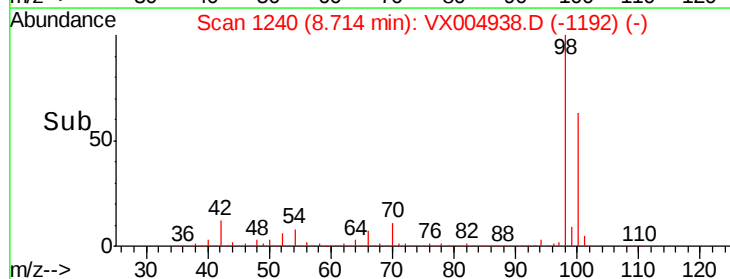
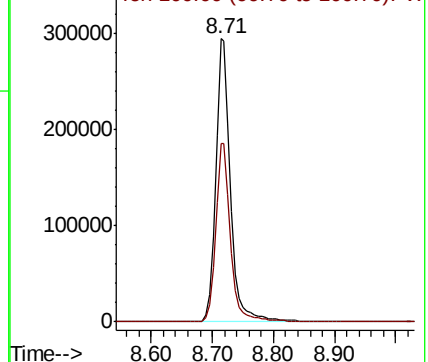
98 100

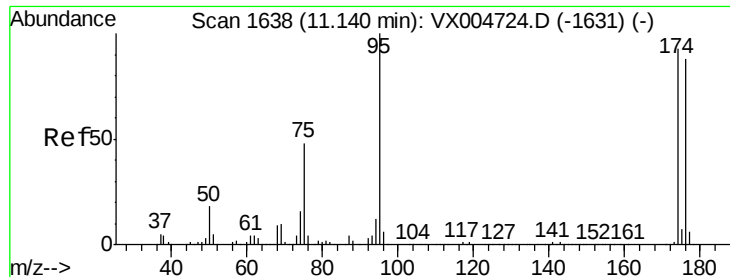
100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

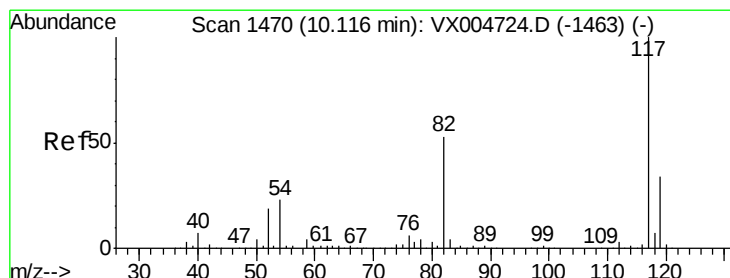
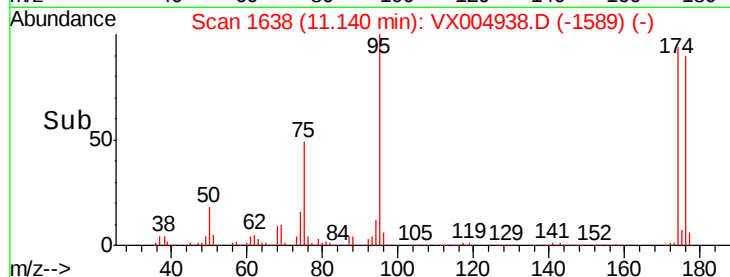
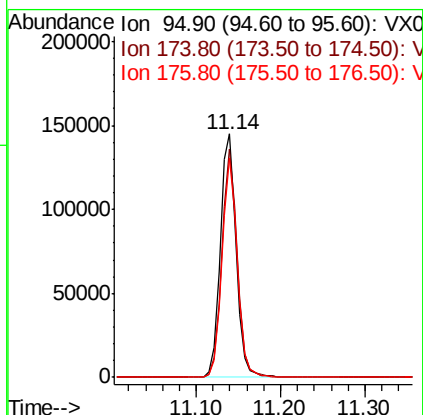
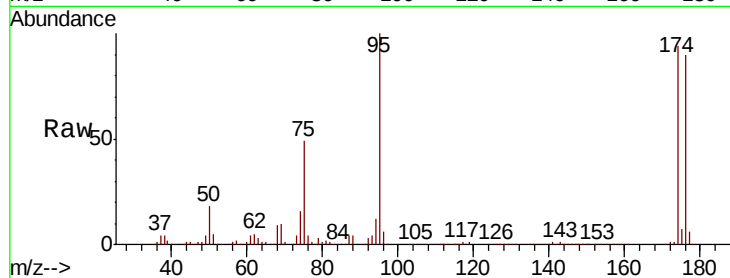




#62
4-Bromofluorobenzene
Concen: 53.392 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

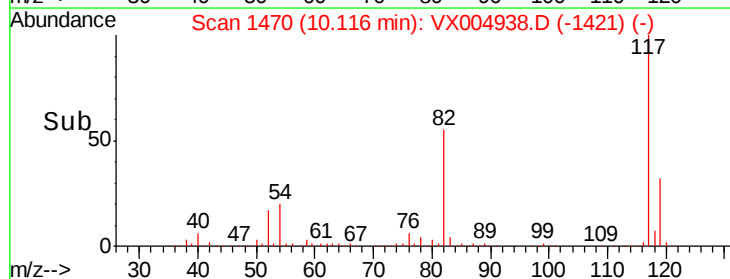
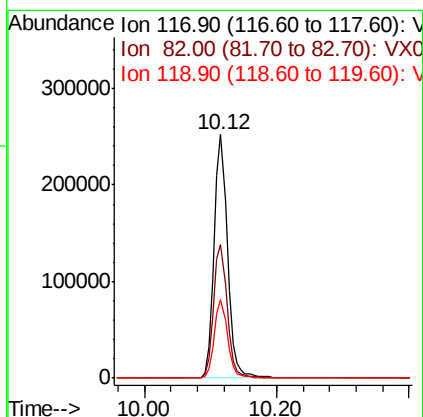
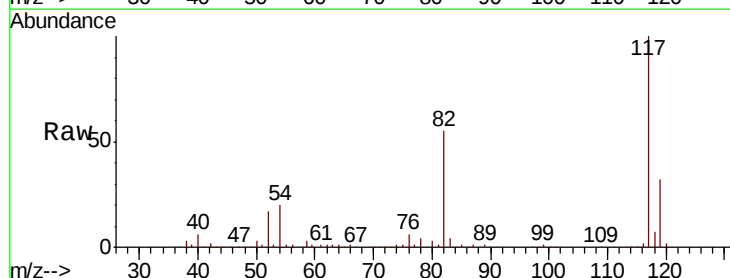
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-1

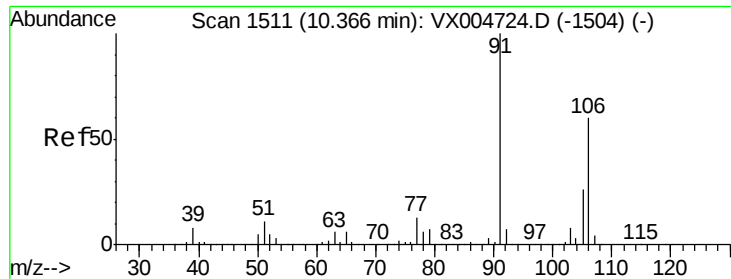
Tot Ion: 95 Resp: 188679
Ion Ratio Lower Upper
95 100
174 91.5 0.0 185.0
176 87.5 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Tgt Ion: 117 Resp: 351002
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.4 27.4 41.0

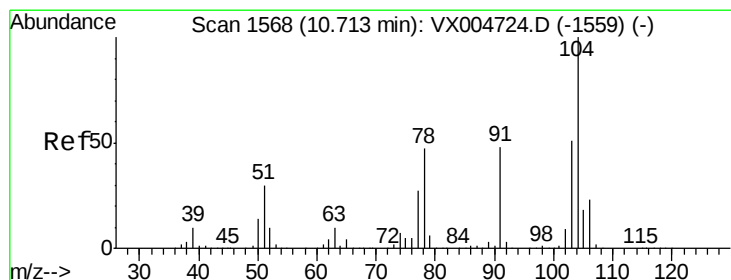
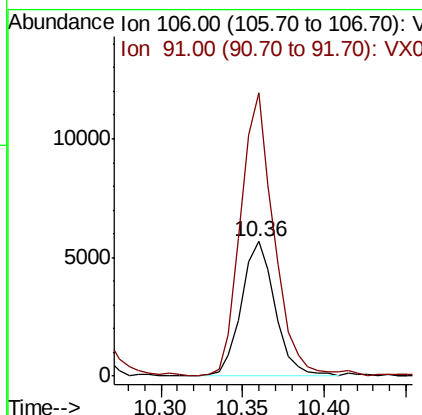
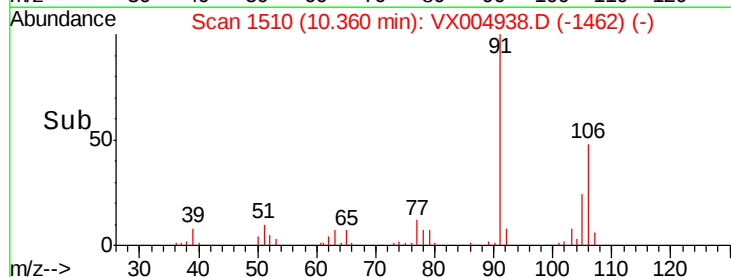
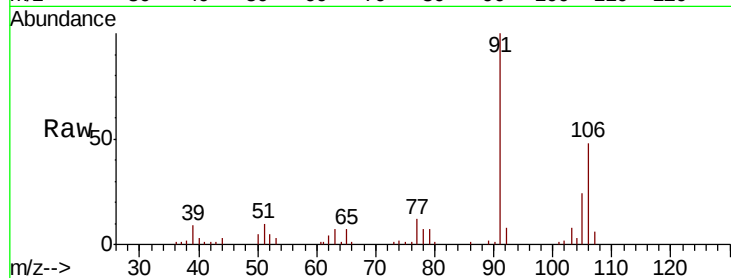




#68
m/p-Xvlenes
Concen: 1.466 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

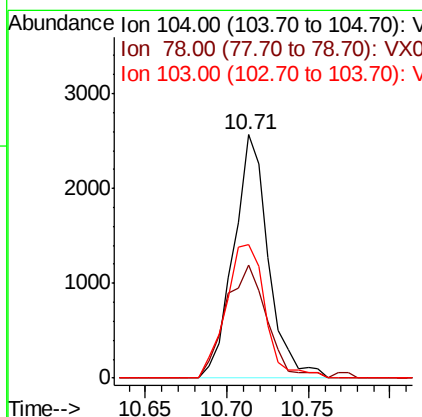
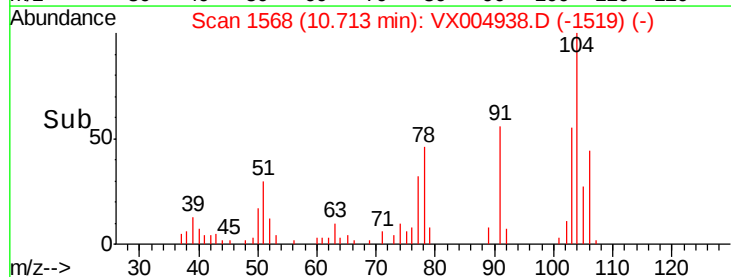
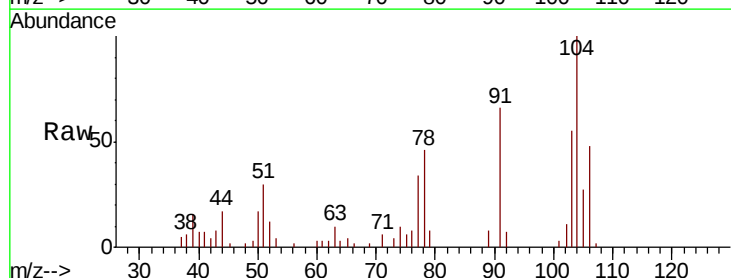
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

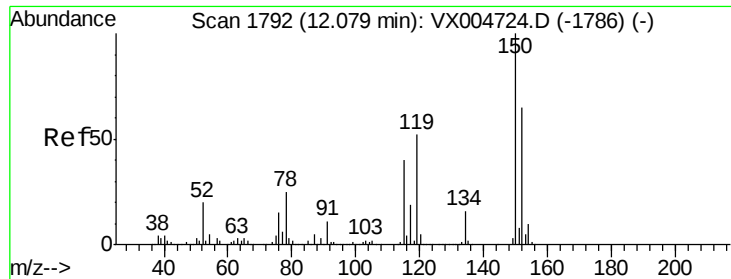
Tot Ion:106 Resp: 8187
Ion Ratio Lower Upper
106 100
91 209.8 157.5 236.3



#70
Styrene
Concen: 2.520 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Tgt Ion:104 Resp: 3805
Ion Ratio Lower Upper
104 100
78 55.2 40.0 60.0
103 62.5 44.3 66.5



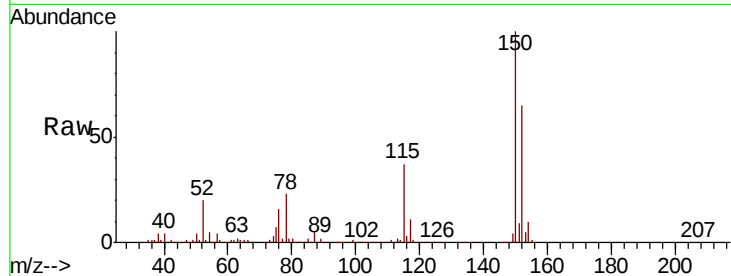


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	40.2	120.6
150	156.2	0.0	351.0

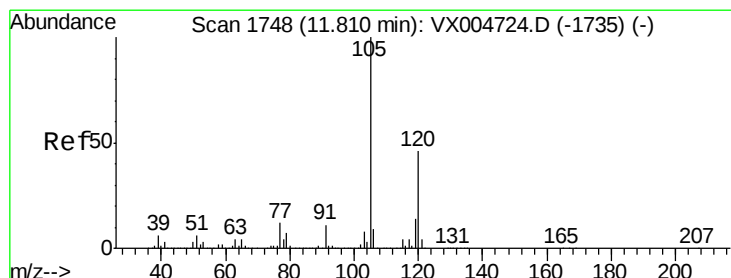
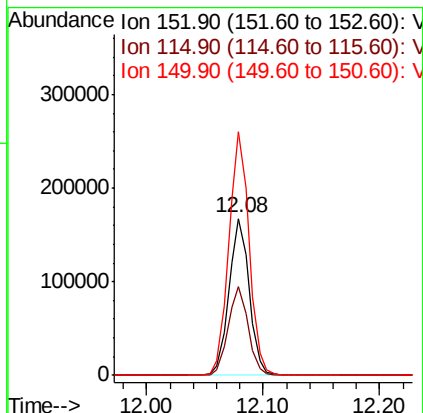
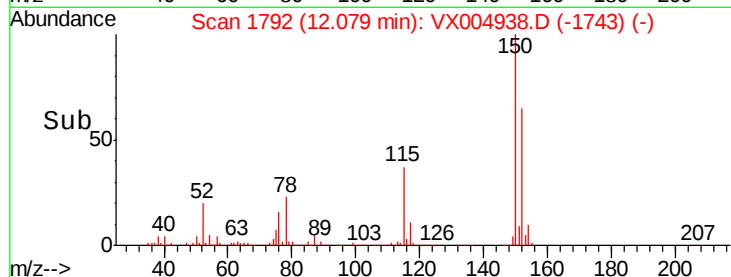


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

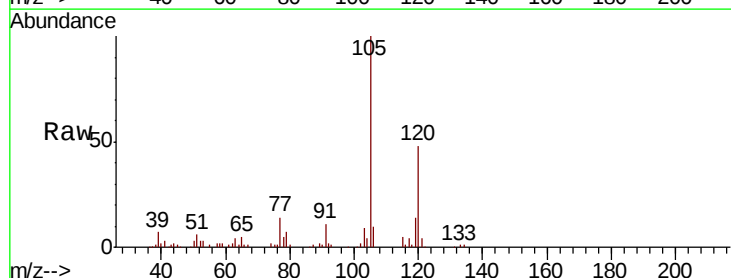
Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene
Concen: 1.908 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

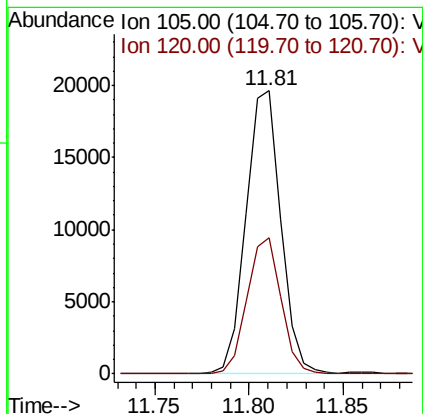
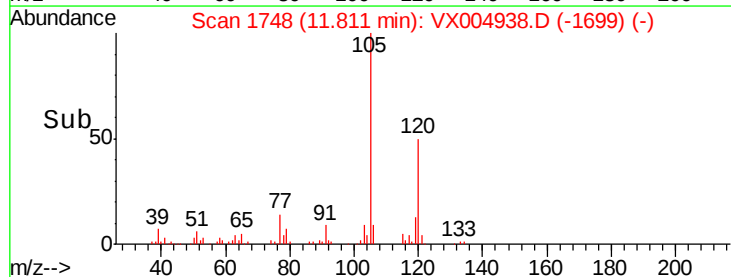
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.8	68.3

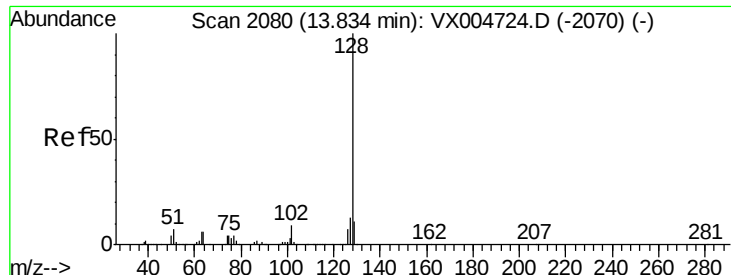


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 28.935 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1

