

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004943.D
 Acq On : 03 Oct 2018 02:10
 Operator : JC/MD
 Sample : J5170-30
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-5

Quant Time: Oct 03 07:29:18 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

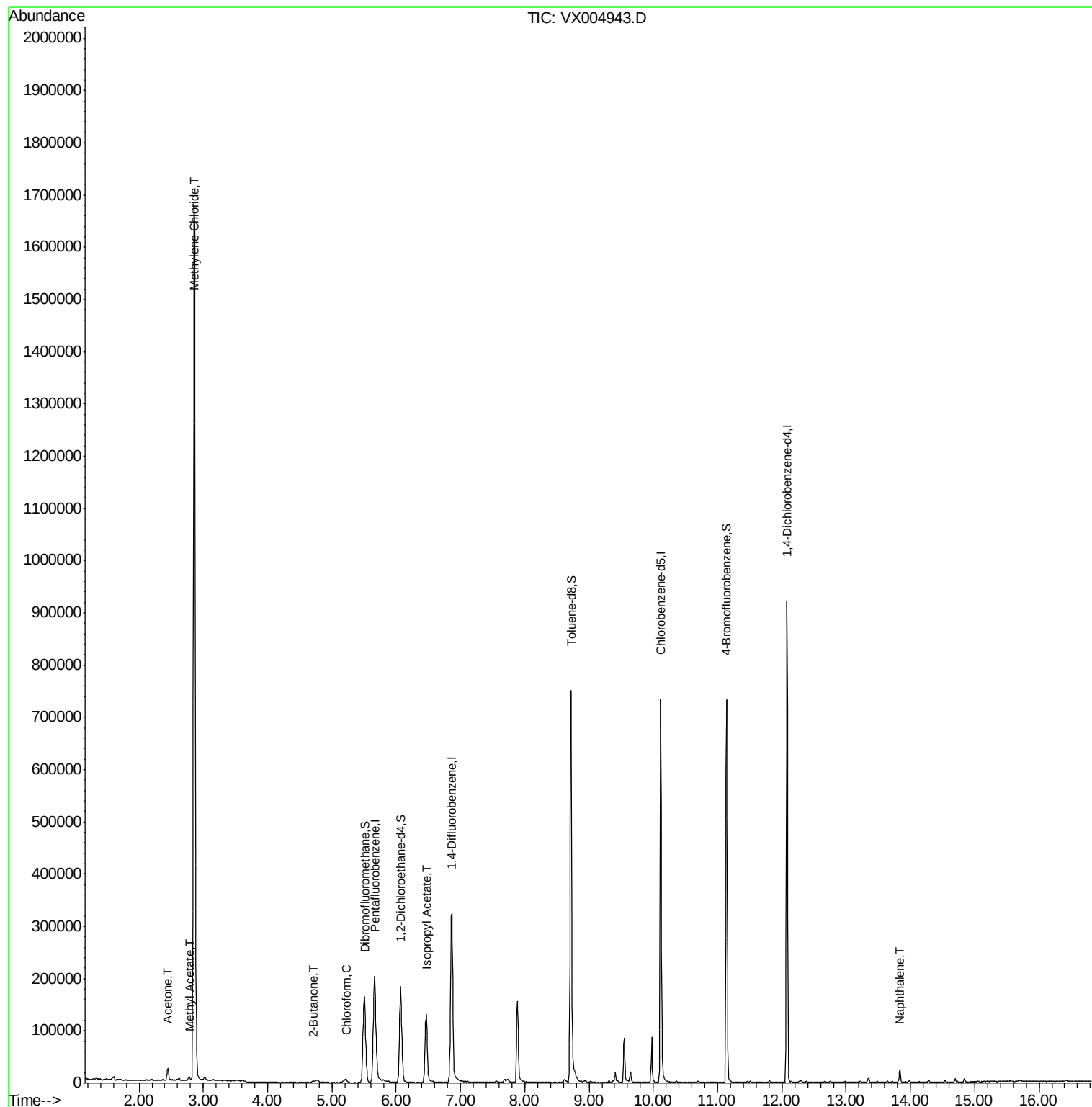
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	213383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169237	55.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.04%	
35) Dibromofluoromethane	5.51	113	141613	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	8.72	98	508140	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.14	95	180322	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
Target Compounds						
16) Acetone	2.45	43	26434	14.854	ug/l #	88
18) Methyl Acetate	2.78	43	8962	1.988	ug/l	99
20) Methylene Chloride	2.86	84	747750	293.072	ug/l #	88
25) 2-Butanone	4.71	43	6296	2.400	ug/l	98
30) Chloroform	5.23	83	7449	1.555	ug/l	90
43) Isopropyl Acetate	6.47	43	174392	22.508	ug/l	99
95) Naphthalene	13.83	128	15926	1.720	ug/l	99

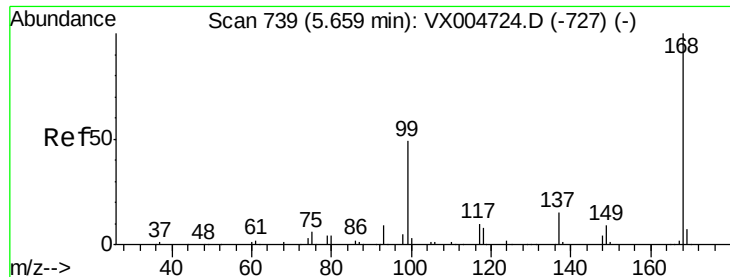
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100318\
Data File : VX004943.D
Acq On : 03 Oct 2018 02:10
Operator : JC/MD
Sample : J5170-30
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-5

Quant Time: Oct 03 07:29:18 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: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004943.D

Acq: 03 Oct 2018 02:10

Instrument :

MSVOA_X

ClientSampled :

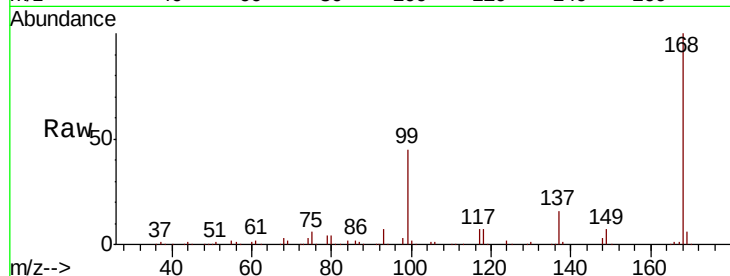
HC-SOIL-5

Tot Ion:168 Resp: 213383

Ion Ratio Lower Upper

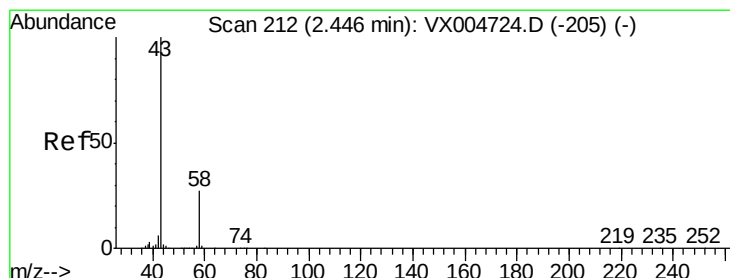
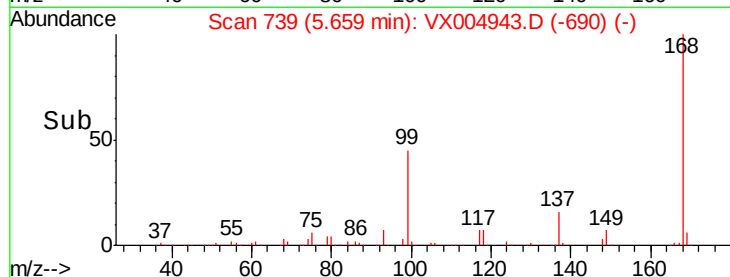
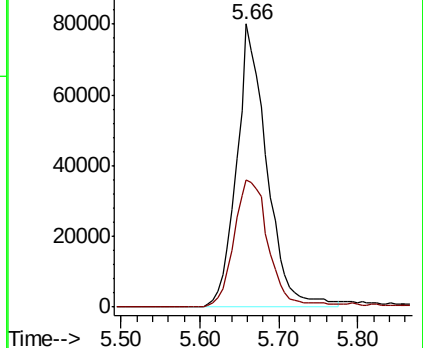
168 100

99 44.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 14.854 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004943.D

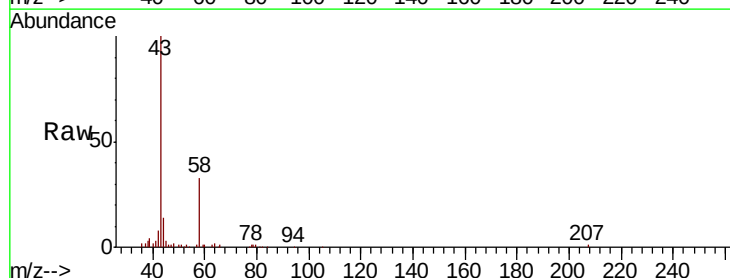
Acq: 03 Oct 2018 02:10

Tgt Ion: 43 Resp: 26434

Ion Ratio Lower Upper

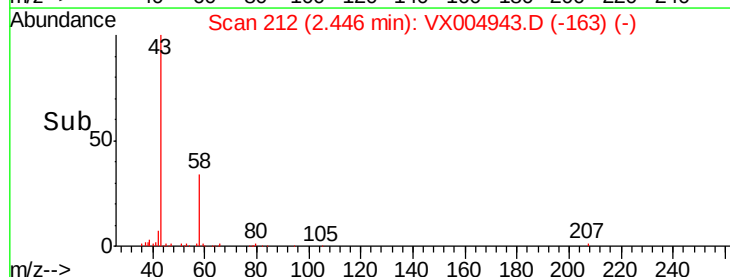
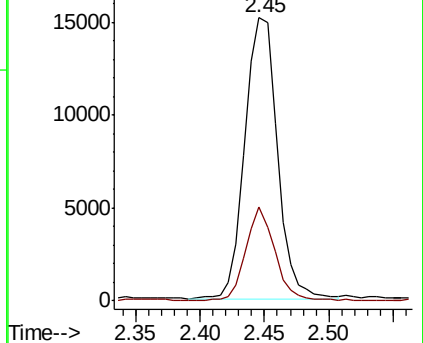
43 100

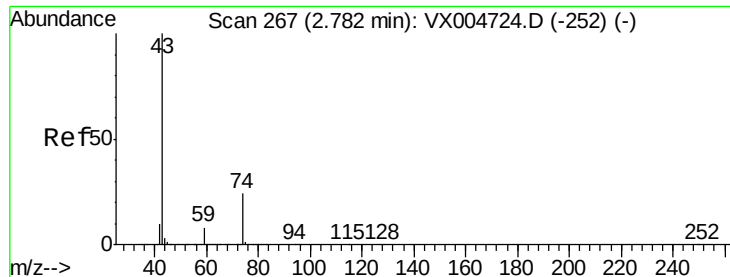
58 33.4 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

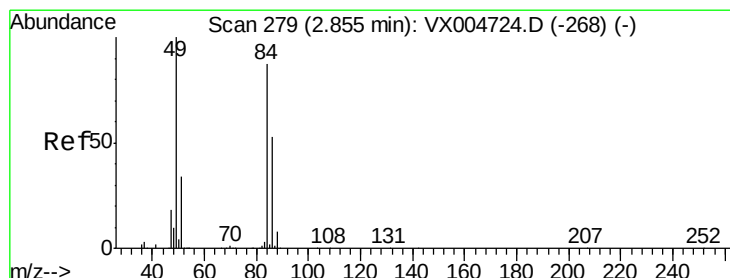
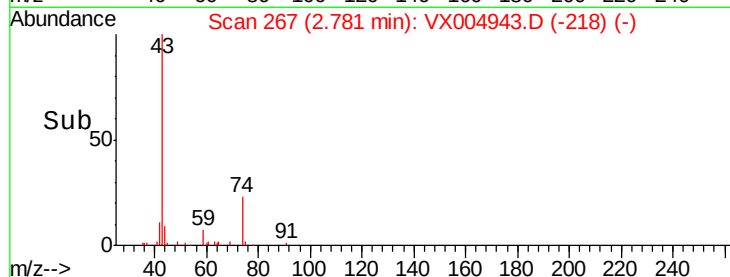
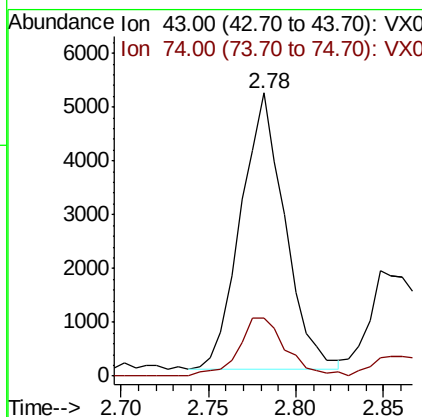
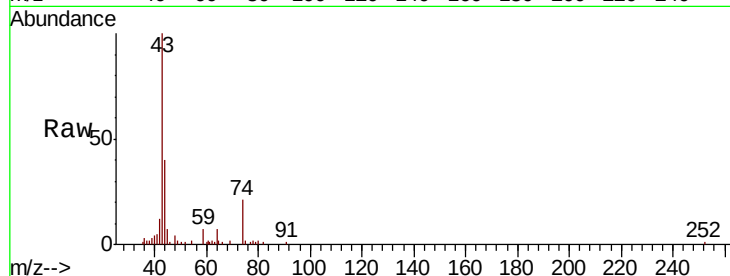




#18
Methvl Acetate
Concen: 1.988 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004943.D
Acq: 03 Oct 2018 02:10

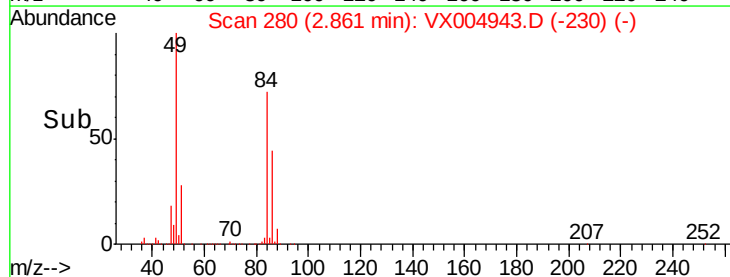
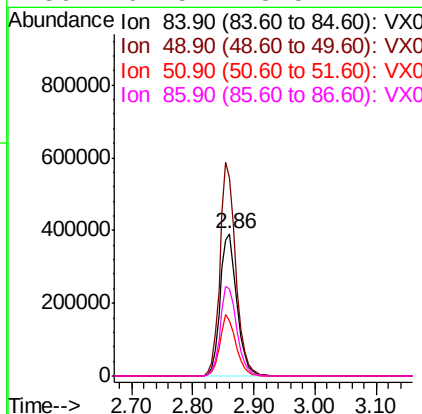
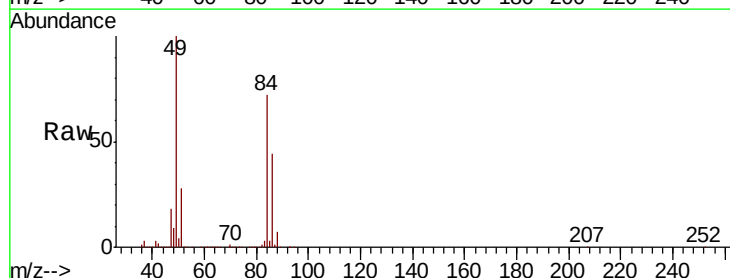
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-5

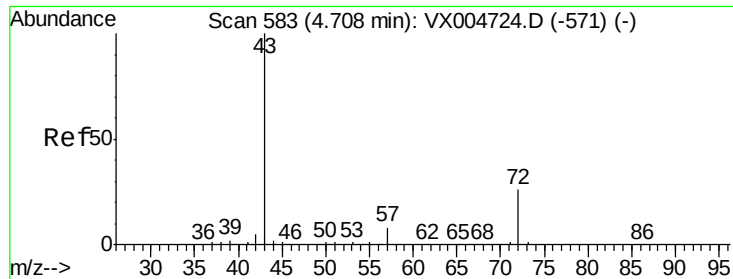
Tot Ion: 43 Resp: 8962
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.8



#20
Methylene Chloride
Concen: 293.072 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004943.D
Acq: 03 Oct 2018 02:10

Tgt Ion: 84 Resp: 747750
Ion Ratio Lower Upper
84 100
49 139.5 92.3 138.5#
51 38.8 31.8 47.6
86 61.5 48.5 72.7

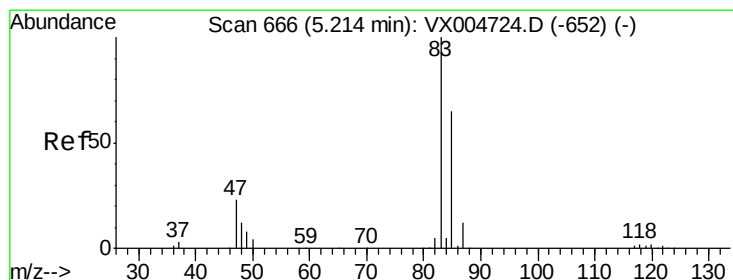
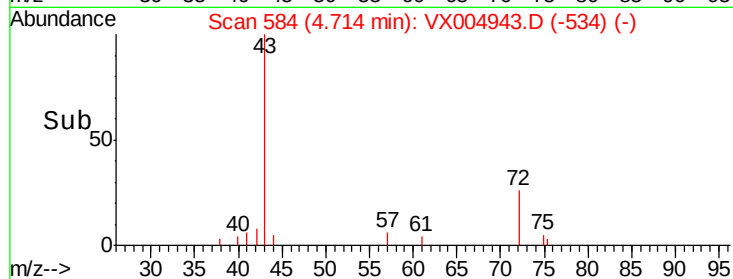
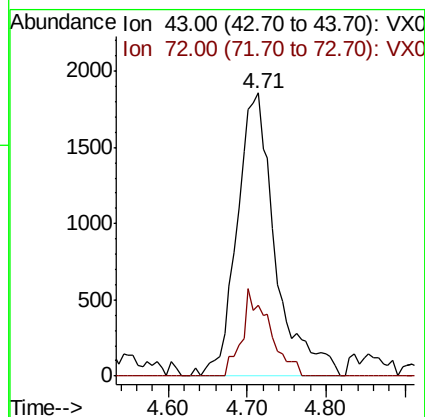
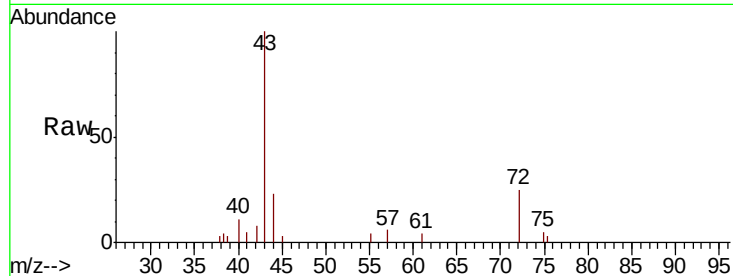




#25
2-Butanone
Concen: 2.400 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX004943.D
Acq: 03 Oct 2018 02:10

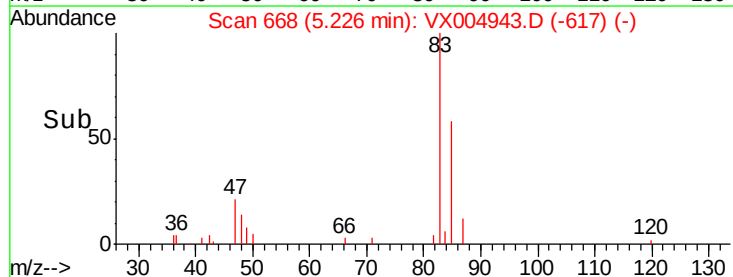
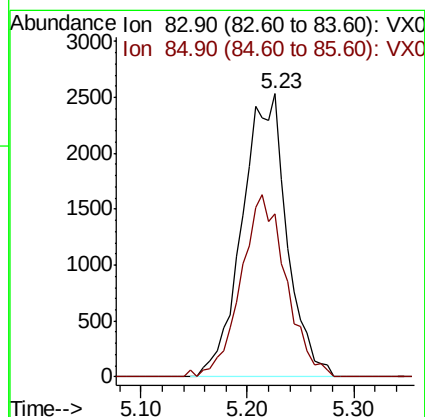
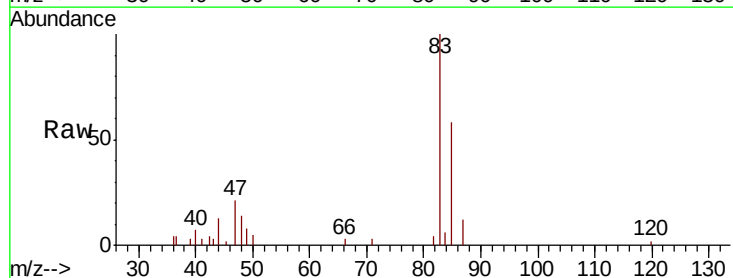
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-5

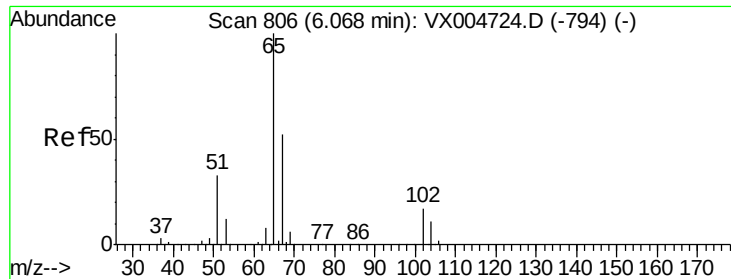
Tot Ion: 43 Resp: 6296
Ion Ratio Lower Upper
43 100
72 25.0 20.8 31.2



#30
Chloroform
Concen: 1.555 ug/l
RT: 5.23 min Scan# 668
Delta R.T. 0.01 min
Lab File: VX004943.D
Acq: 03 Oct 2018 02:10

Tgt Ion: 83 Resp: 7449
Ion Ratio Lower Upper
83 100
85 57.5 52.4 78.6

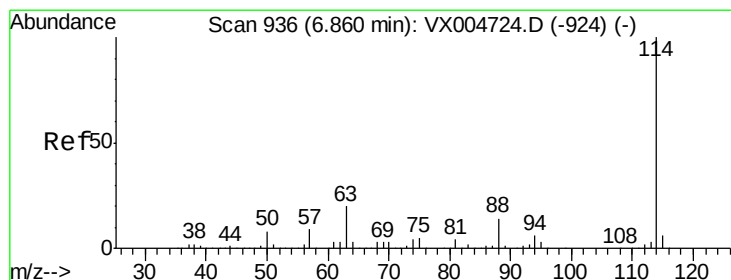
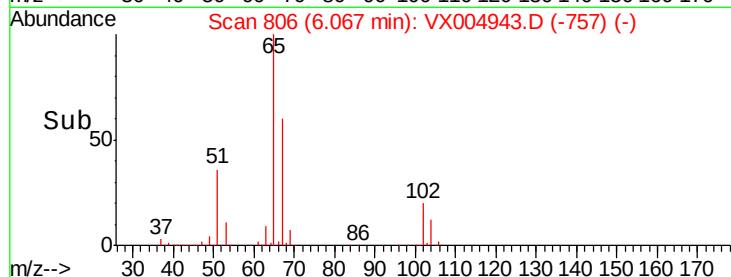
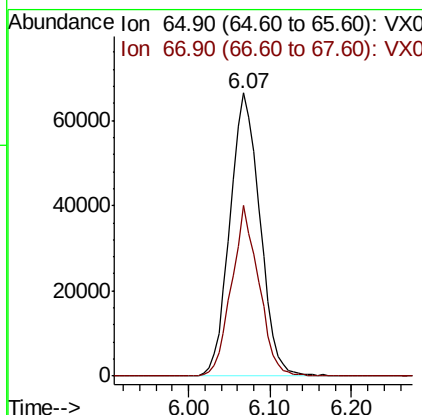
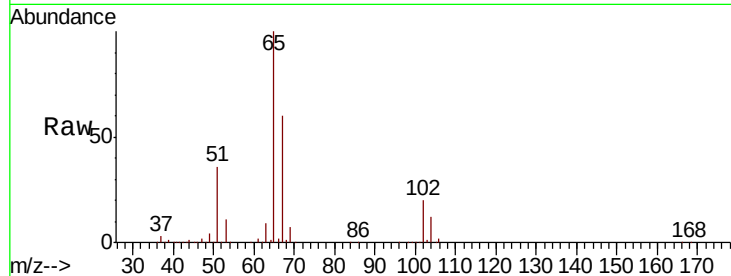




#33
 1,2-Dichloroethane-d4
 Concen: 55.521 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004943.D
 Acq: 03 Oct 2018 02:10

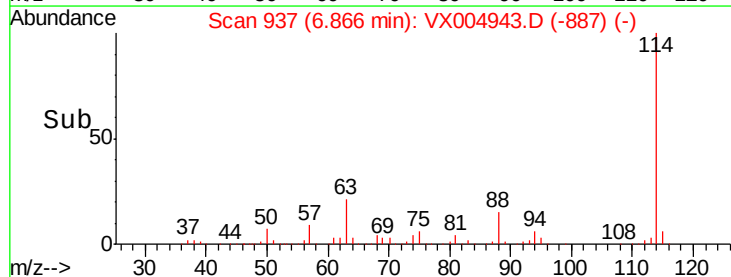
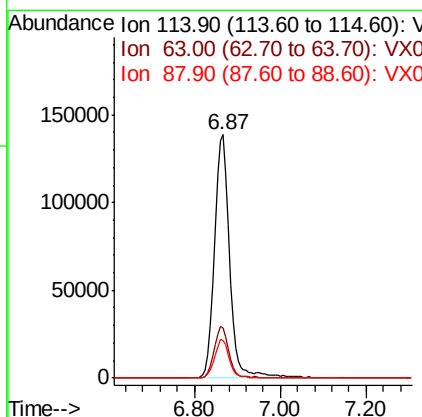
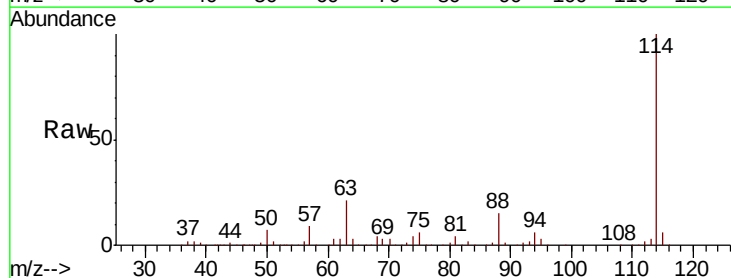
Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-5

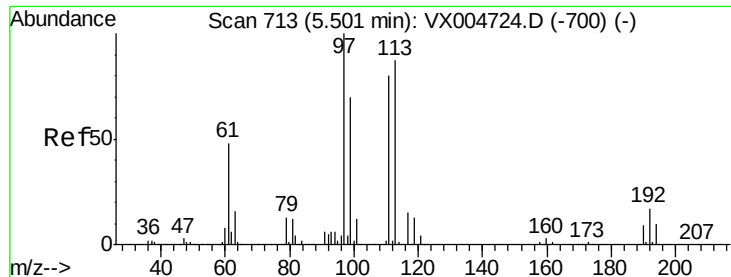
Tot Ion: 65 Resp: 169237
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004943.D
 Acq: 03 Oct 2018 02:10

Tgt Ion: 114 Resp: 349731
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 15.4 0.0 27.0





#35

Dibromofluoromethane

Concen: 47.777 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004943.D

Acq: 03 Oct 2018 02:10

Instrument :

MSVOA_X

ClientSampleId :

HC-SOIL-5

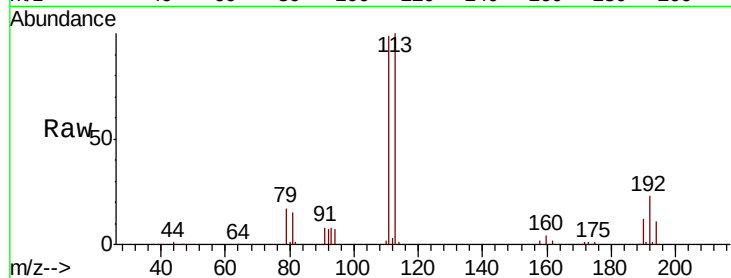
Tot Ion:113 Resp: 141613

Ion Ratio Lower Upper

113 100

111 103.2 77.0 115.4

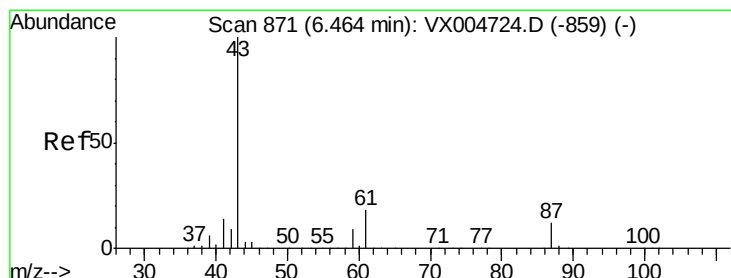
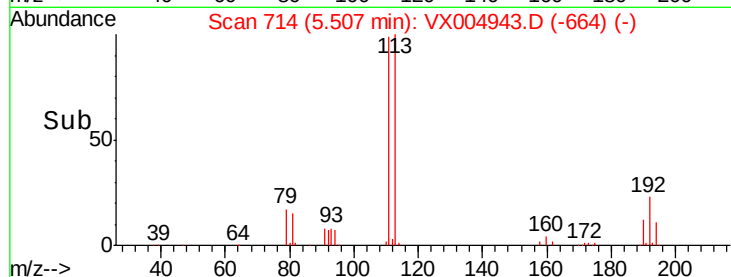
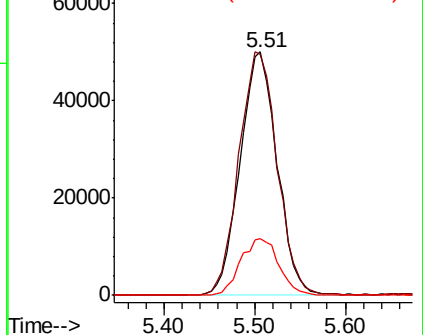
192 24.2 17.0 25.6



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: 22.508 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004943.D

Acq: 03 Oct 2018 02:10

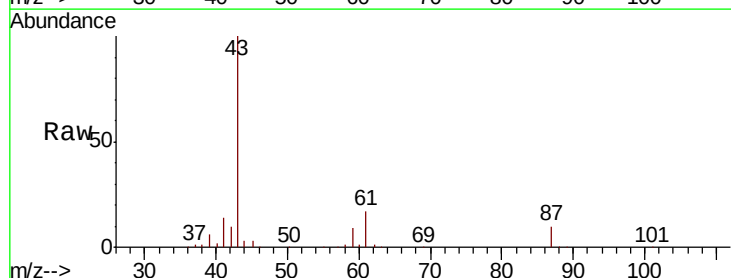
Tgt Ion: 43 Resp: 174392

Ion Ratio Lower Upper

43 100

61 18.7 14.2 21.4

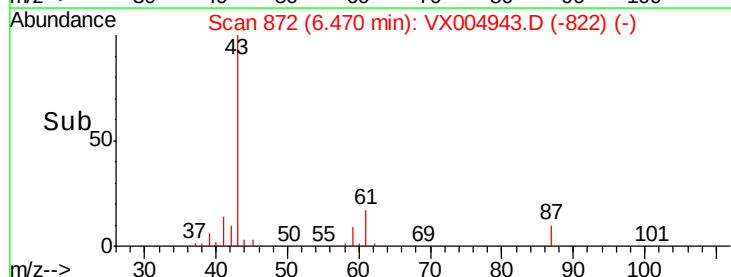
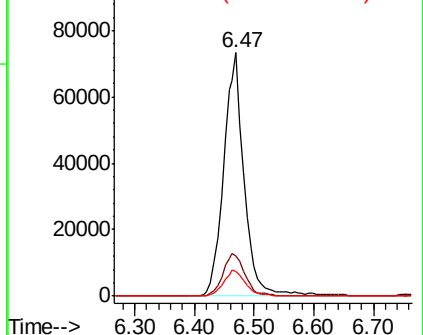
87 11.5 9.3 13.9

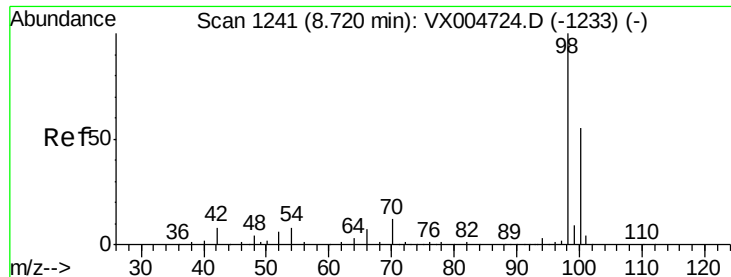


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

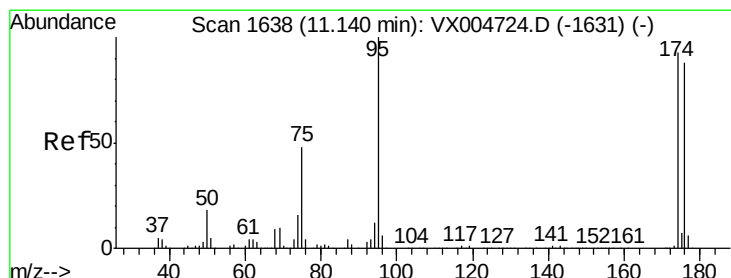
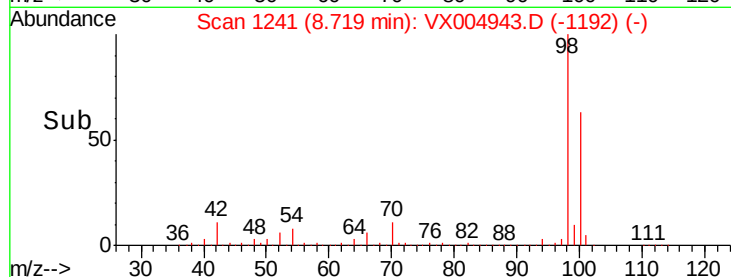
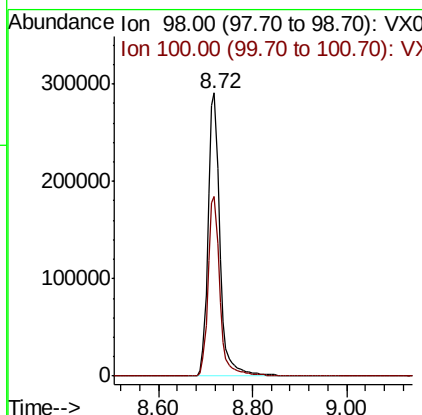
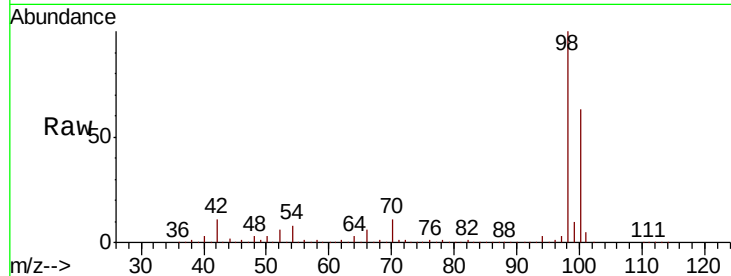




#50
Toluene-d8
Concen: 51.568 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004943.D
Acq: 03 Oct 2018 02:10

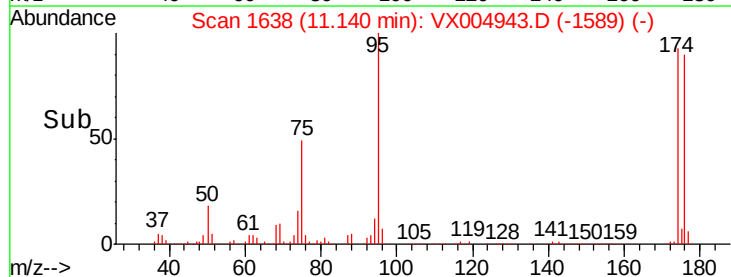
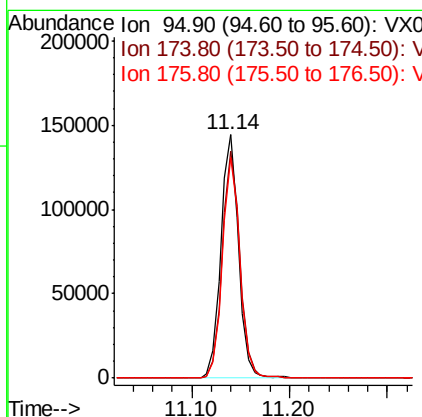
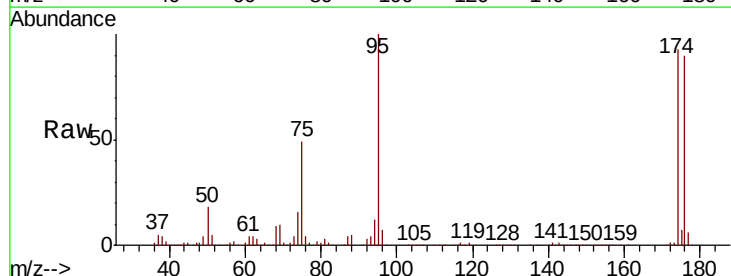
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-5

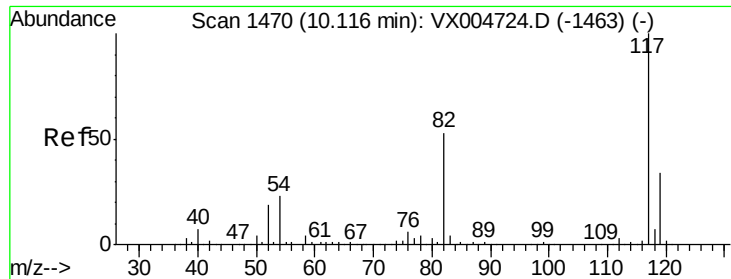
Tot Ion: 98 Resp: 508140
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.796 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004943.D
Acq: 03 Oct 2018 02:10

Tgt Ion: 95 Resp: 180322
Ion Ratio Lower Upper
95 100
174 93.7 0.0 185.0
176 90.2 0.0 180.2

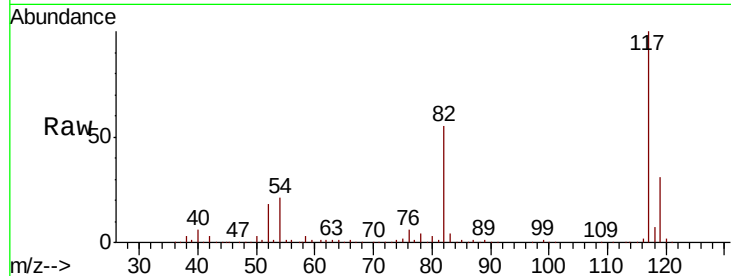




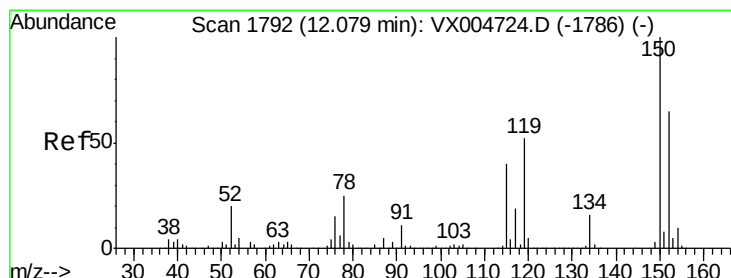
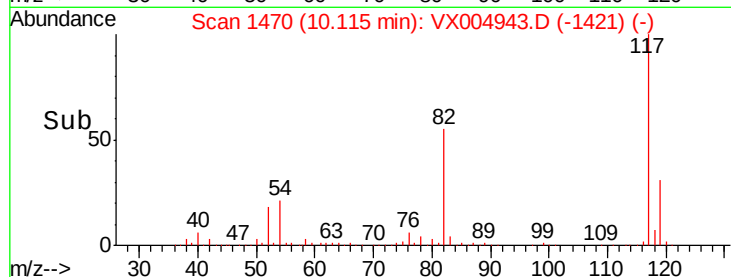
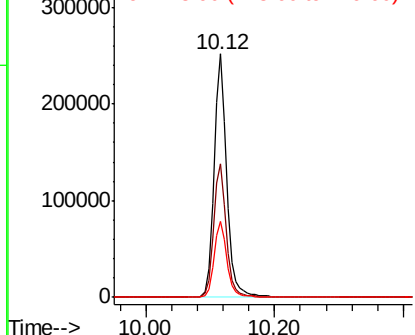
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004943.D
Acq: 03 Oct 2018 02:10

Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-5

Tot Ion:117 Resp: 347247
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 31.1 27.4 41.0

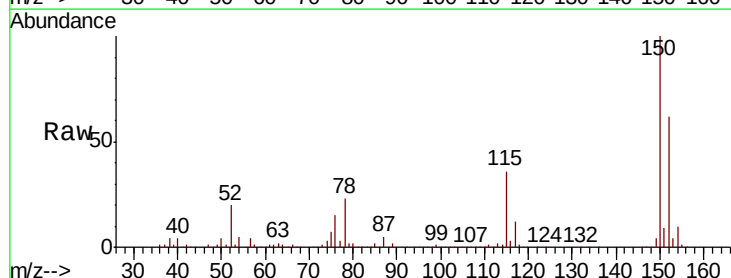


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

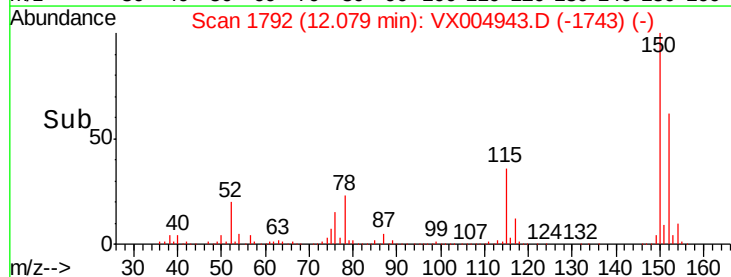
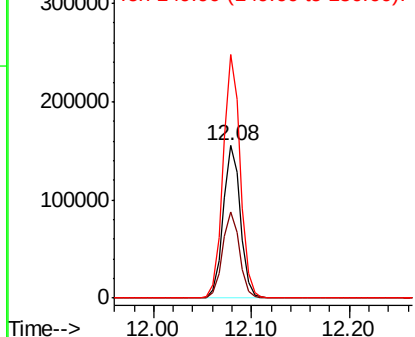


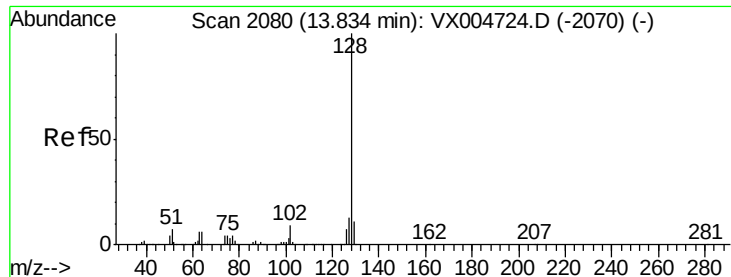
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004943.D
Acq: 03 Oct 2018 02:10

Tgt Ion:152 Resp: 188687
Ion Ratio Lower Upper
152 100
115 55.9 40.2 120.6
150 158.1 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





#95
Naphthalene
Concen: 1.720 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004943.D
Acq: 03 Oct 2018 02:10

Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-5

Tot Ion:128 Resp: 15926
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.3 8.7 13.1

