

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017226.D
 Acq On : 08 Jul 2020 00:58
 Operator : JC/SP
 Sample : L3192-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW180-SOIL-604-608

Quant Time: Jul 08 03:59:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

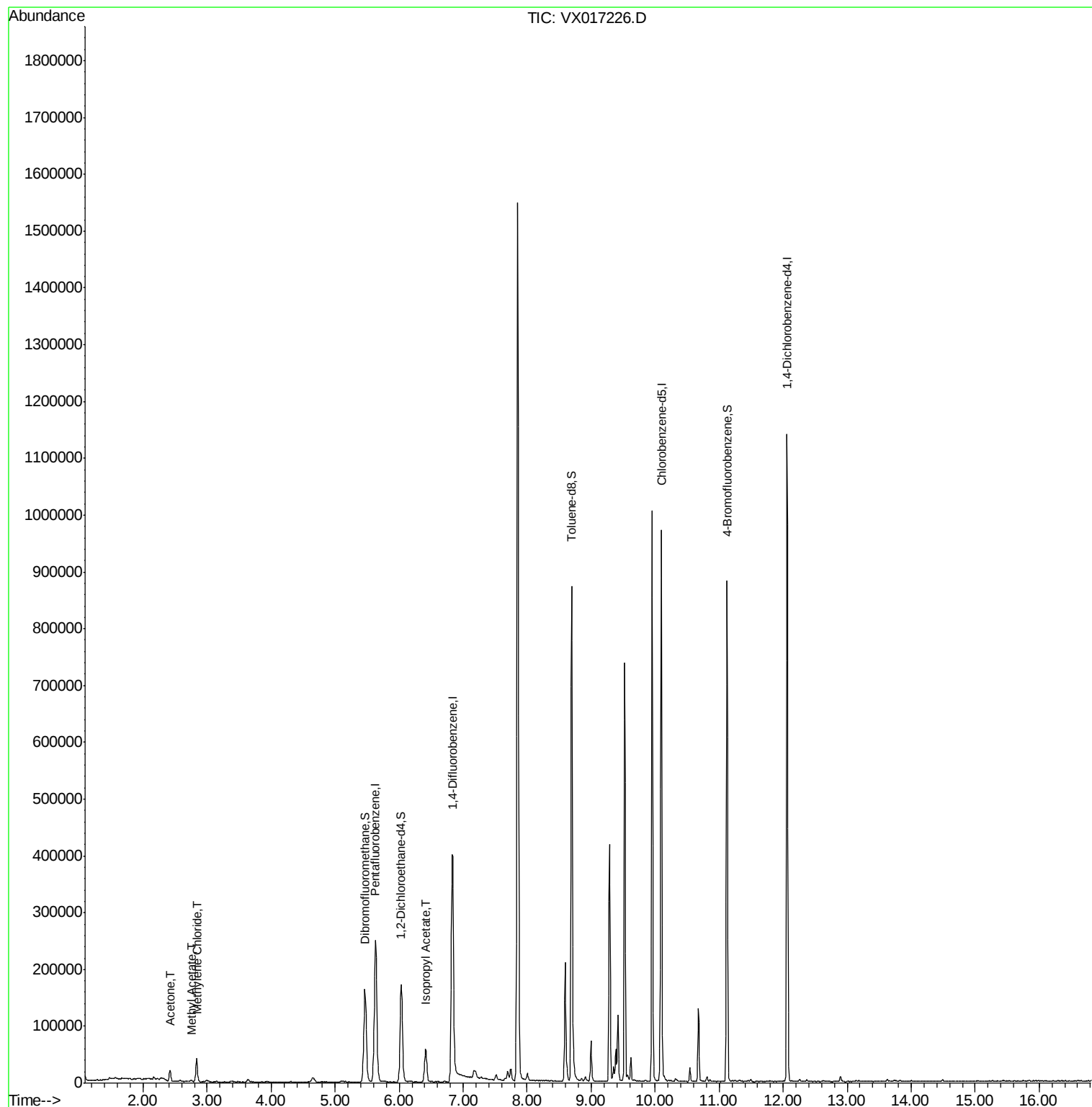
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	242820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	409821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	232512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	164136	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
35) Dibromofluoromethane	5.46	113	140941	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
50) Toluene-d8	8.70	98	519665	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
62) 4-Bromofluorobenzene	11.12	95	217078	57.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.86%	
Target Compounds						
16) Acetone	2.42	43	20275	18.105	ug/l	94
18) Methyl Acetate	2.75	43	4205	1.438	ug/l	96
20) Methylene Chloride	2.84	84	19446	6.897	ug/l	93
43) Isopropyl Acetate	6.42	43	79122	12.116	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

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Acq: 08 Jul 2020 00:58

Instrument :

MSVOA_X

ClientSampleId :

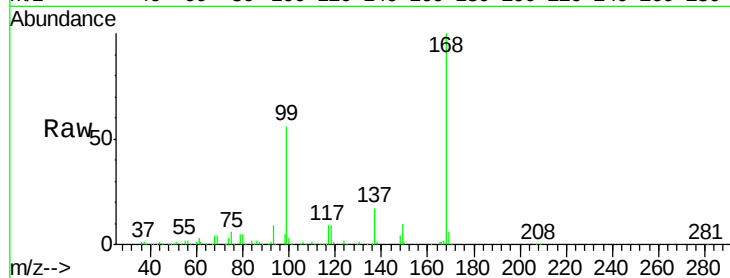
BP-MW180-SOIL-604-608

Tot Ion:168 Resp: 242820

Ion Ratio Lower Upper

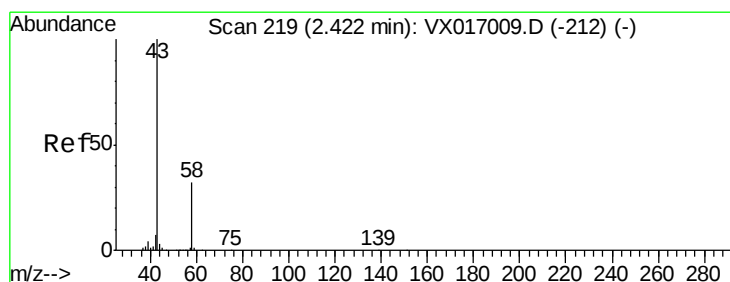
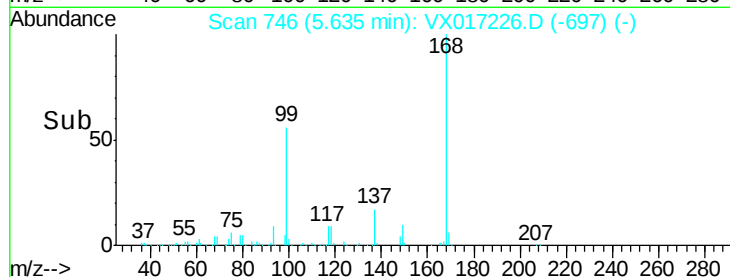
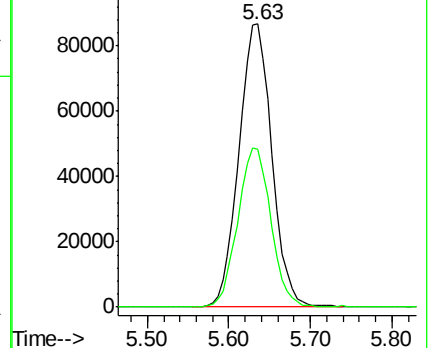
168 100

99 55.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 18.105 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017226.D

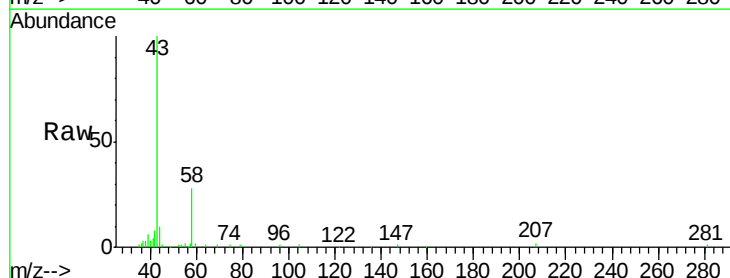
Acq: 08 Jul 2020 00:58

Tgt Ion: 43 Resp: 20275

Ion Ratio Lower Upper

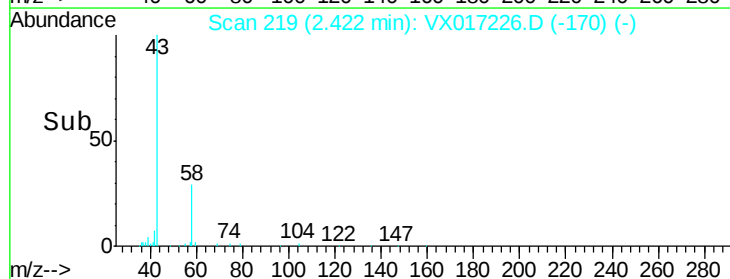
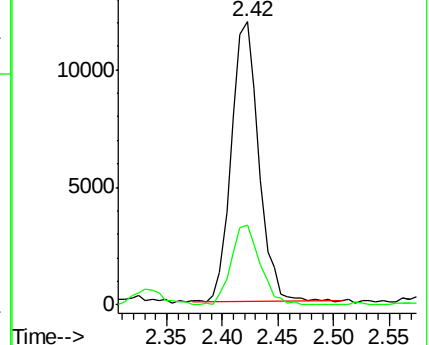
43 100

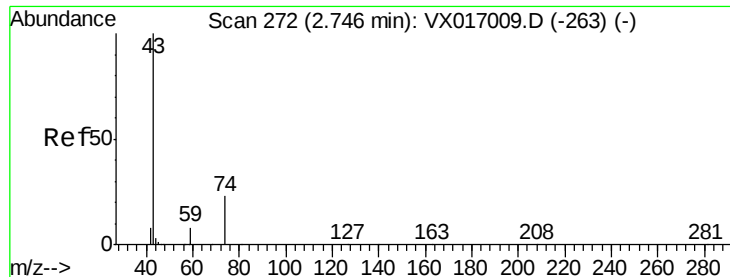
58 28.7 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

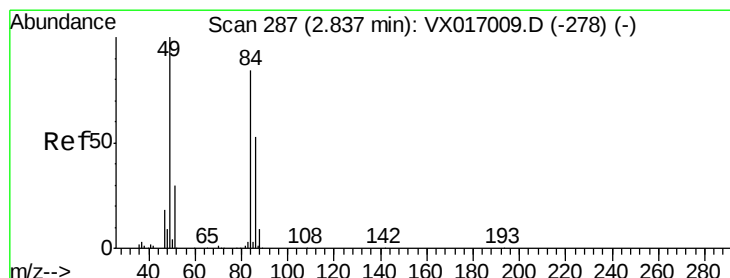
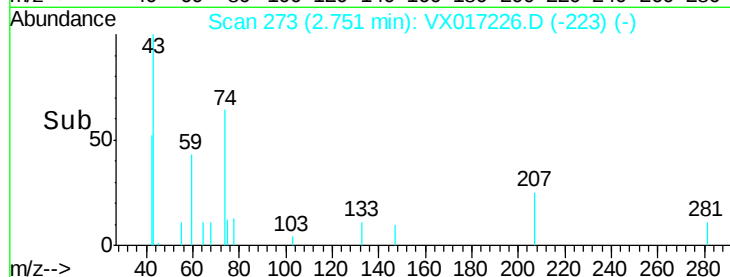
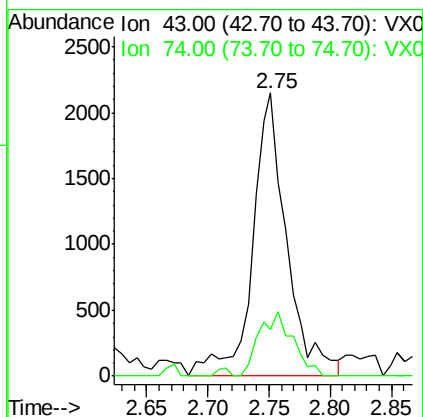
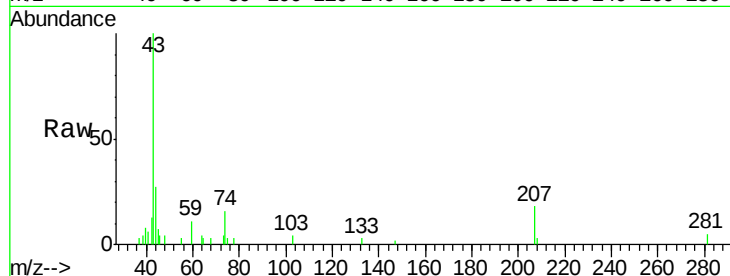




#18
Methvl Acetate
Concen: 1.438 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017226.D
Acq: 08 Jul 2020 00:58

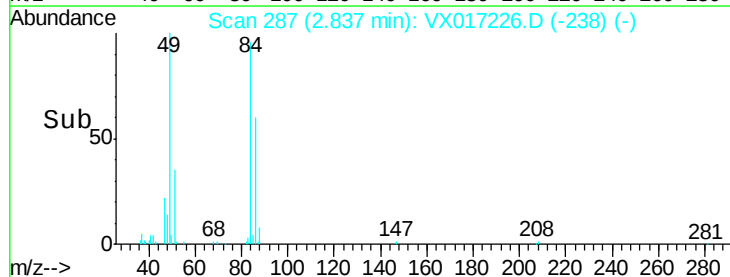
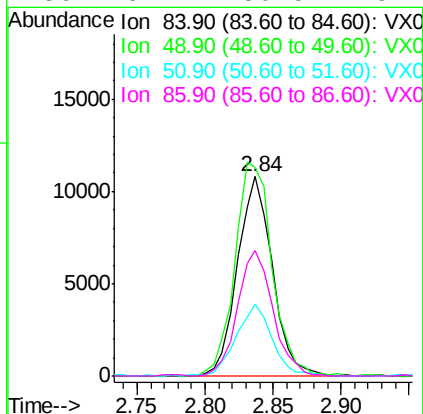
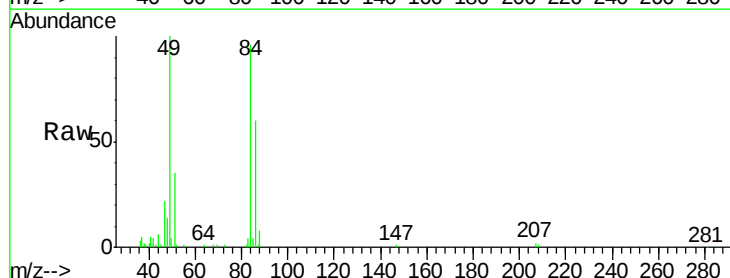
Instrument :
MSVOA_X
ClientSampleId :
BP-MW180-SOIL-604-608

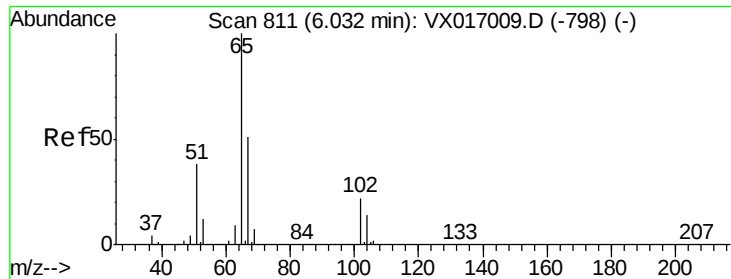
Tot Ion: 43 Resp: 4205
Ion Ratio Lower Upper
43 100
74 22.2 19.3 28.9



#20
Methylene Chloride
Concen: 6.897 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017226.D
Acq: 08 Jul 2020 00:58

Tgt Ion: 84 Resp: 19446
Ion Ratio Lower Upper
84 100
49 104.4 94.7 142.1
51 36.1 28.6 42.8
86 62.7 50.5 75.7





#33

1,2-Dichloroethane-d4

Concen: 54.831 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017226.D

Acq: 08 Jul 2020 00:58

Instrument :

MSVOA_X

ClientSampleId :

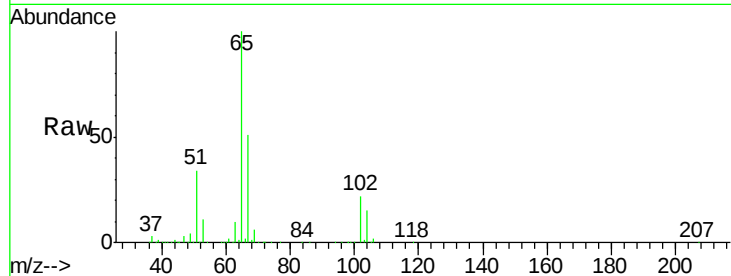
BP-MW180-SOIL-604-608

Tot Ion: 65 Resp: 164136

Ion Ratio Lower Upper

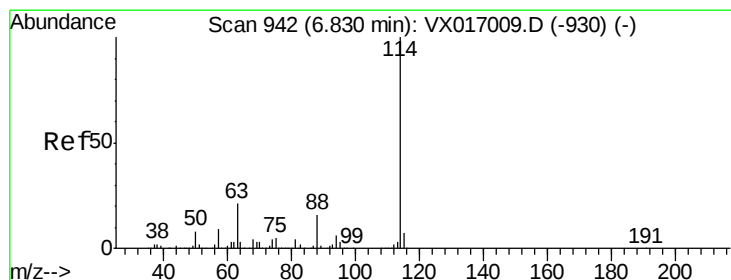
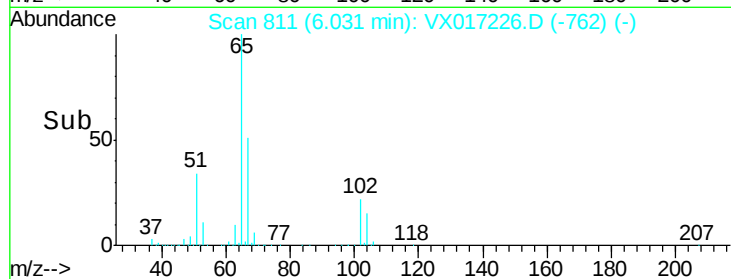
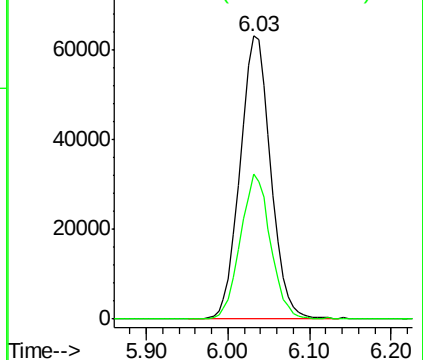
65 100

67 50.2 0.0 103.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017226.D

Acq: 08 Jul 2020 00:58

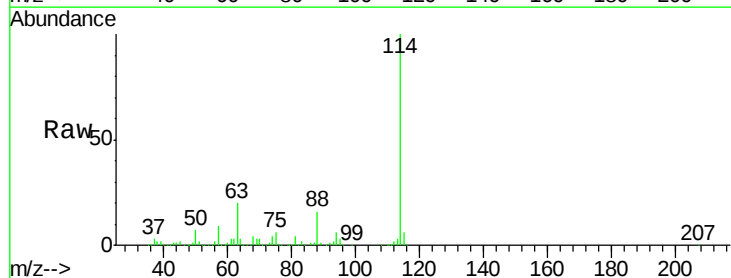
Tgt Ion: 114 Resp: 409821

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

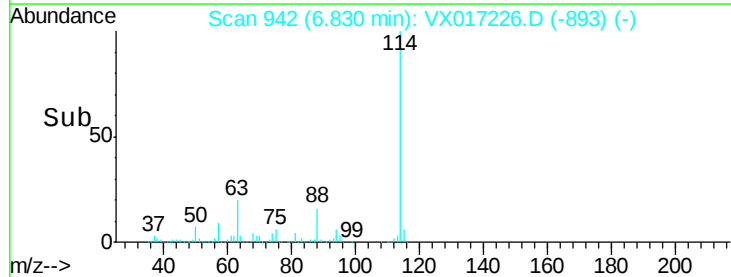
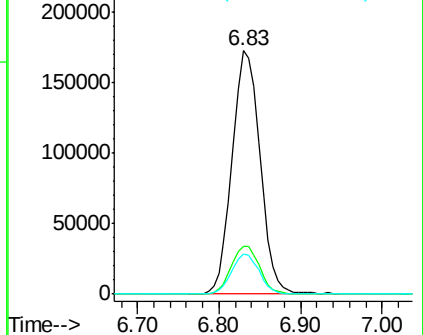
88 16.2 0.0 32.4

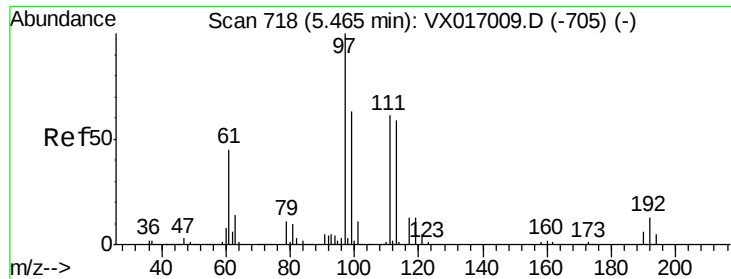


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

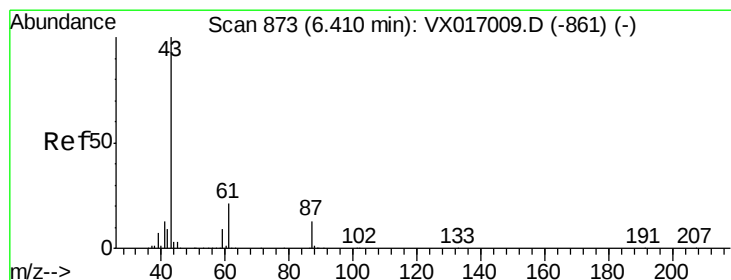
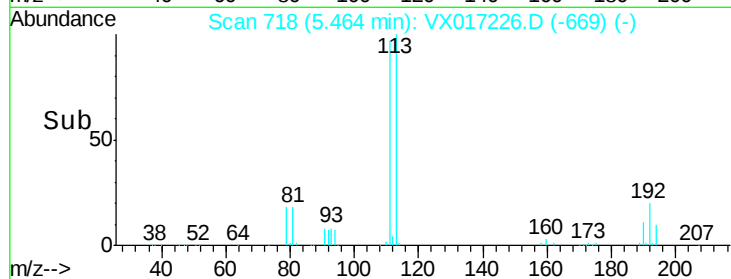
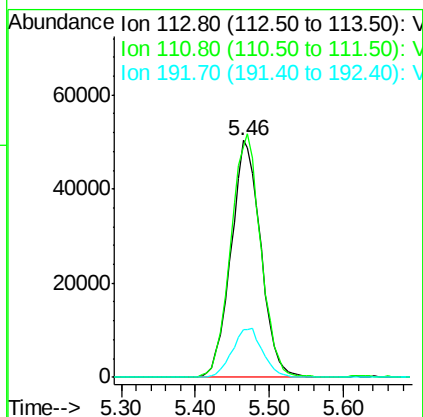
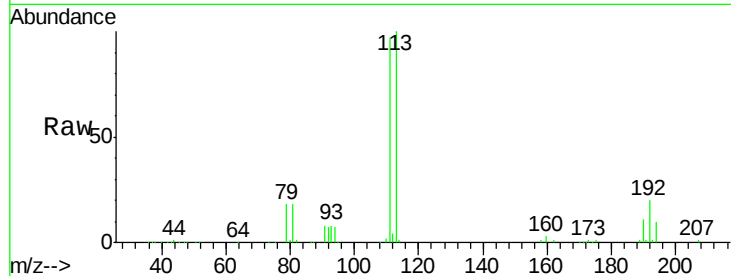




#35
 Dibromofluoromethane
 Concen: 54.367 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017226.D
 Acq: 08 Jul 2020 00:58

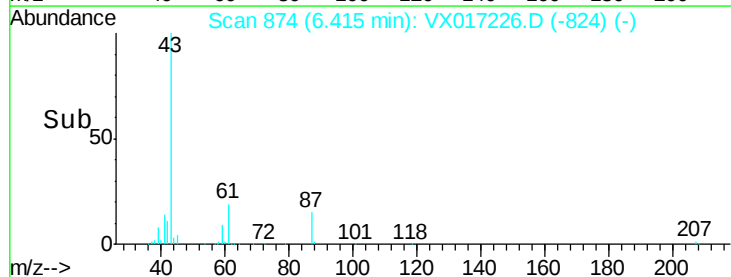
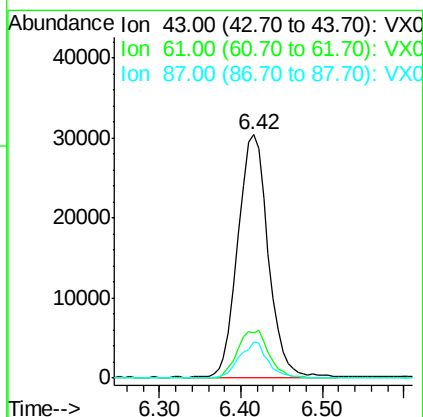
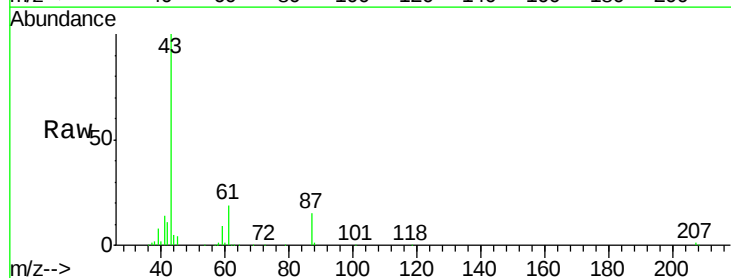
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 MSVOA_X
 ClientSampleId :
 BP-MW180-SOIL-604-608

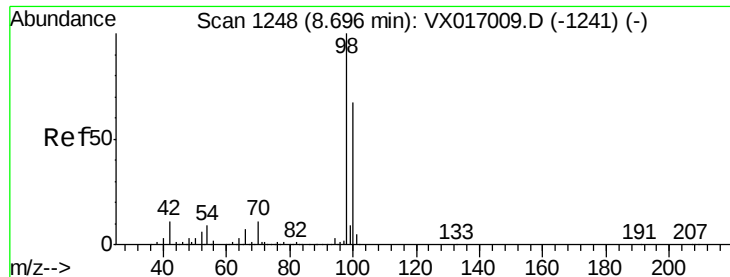
Tot Ion:113 Resp: 140941
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.9 122.9
 192 21.0 16.7 25.1



#43
 Isopropyl Acetate
 Concen: 12.116 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017226.D
 Acq: 08 Jul 2020 00:58

Tgt Ion: 43 Resp: 79122
 Ion Ratio Lower Upper
 43 100
 61 20.3 16.2 24.2
 87 13.7 10.7 16.1





#50

Toluene-d8

Concen: 54.210 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017226.D

Acq: 08 Jul 2020 00:58

Instrument :

MSVOA_X

ClientSampleId :

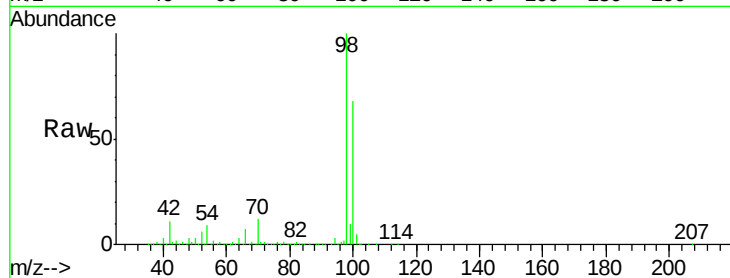
BP-MW180-SOIL-604-608

Tot Ion: 98 Resp: 519665

Ion Ratio Lower Upper

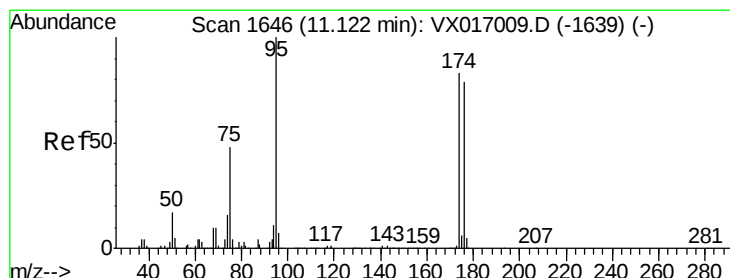
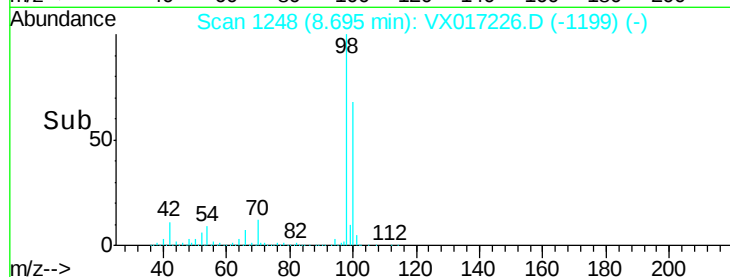
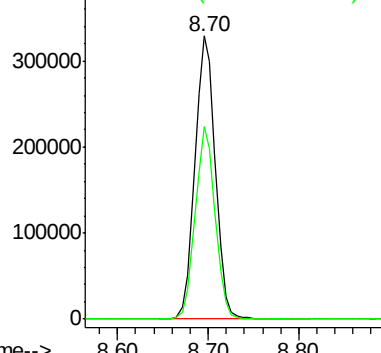
98 100

100 66.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 57.928 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017226.D

Acq: 08 Jul 2020 00:58

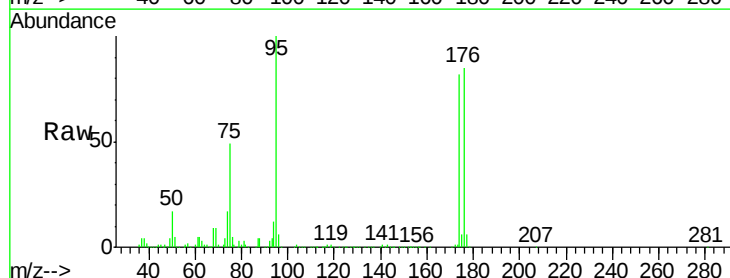
Tgt Ion: 95 Resp: 217078

Ion Ratio Lower Upper

95 100

174 84.3 0.0 164.0

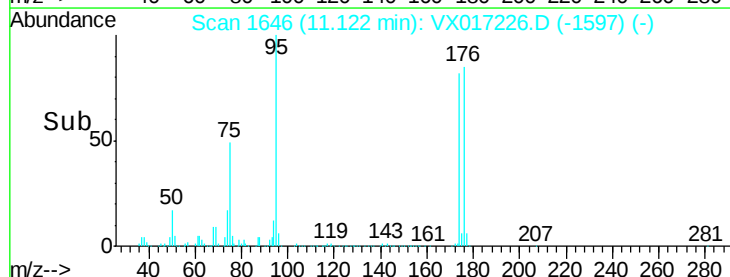
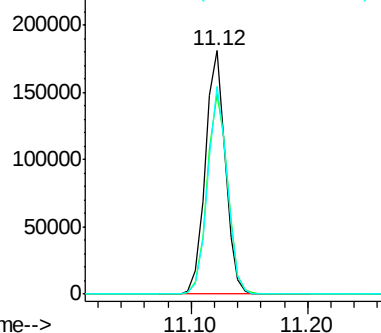
176 83.5 0.0 157.6

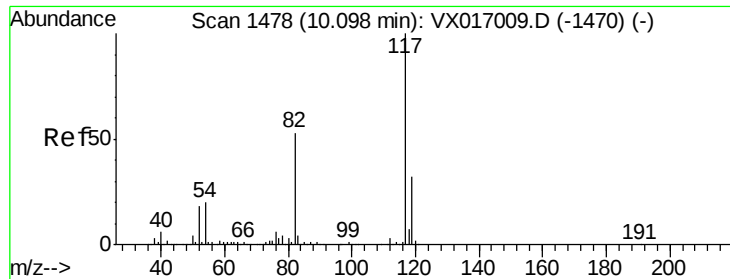


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

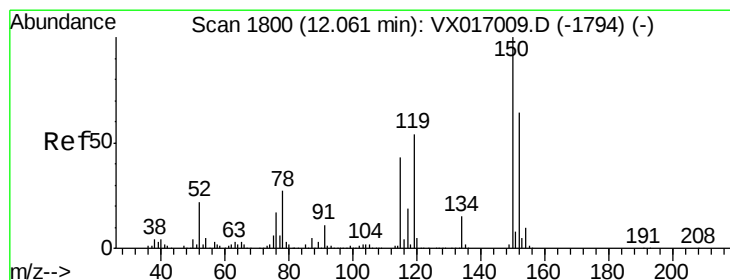
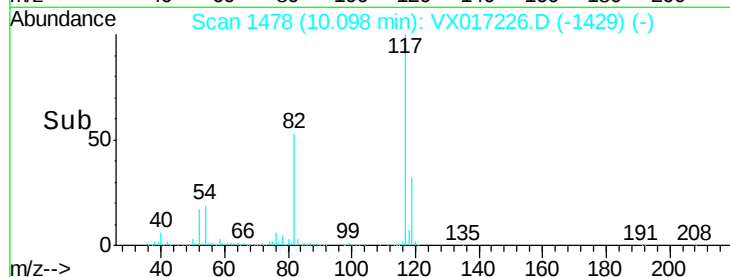
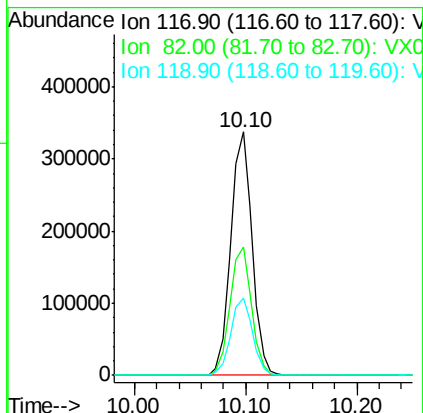
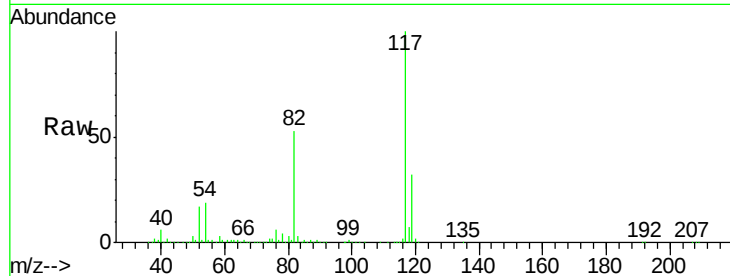




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017226.D
Acq: 08 Jul 2020 00:58

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Tot Ion:117 Resp: 447590
Ion Ratio Lower Upper
117 100
82 52.7 42.6 63.8
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017226.D
Acq: 08 Jul 2020 00:58

Tgt Ion:152 Resp: 232512
Ion Ratio Lower Upper
152 100
115 58.3 40.9 122.7
150 157.7 0.0 351.6

