

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017227.D
 Acq On : 08 Jul 2020 01:21
 Operator : JC/SP
 Sample : L3192-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW180-SOIL-610-614

Quant Time: Jul 08 04:02:24 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

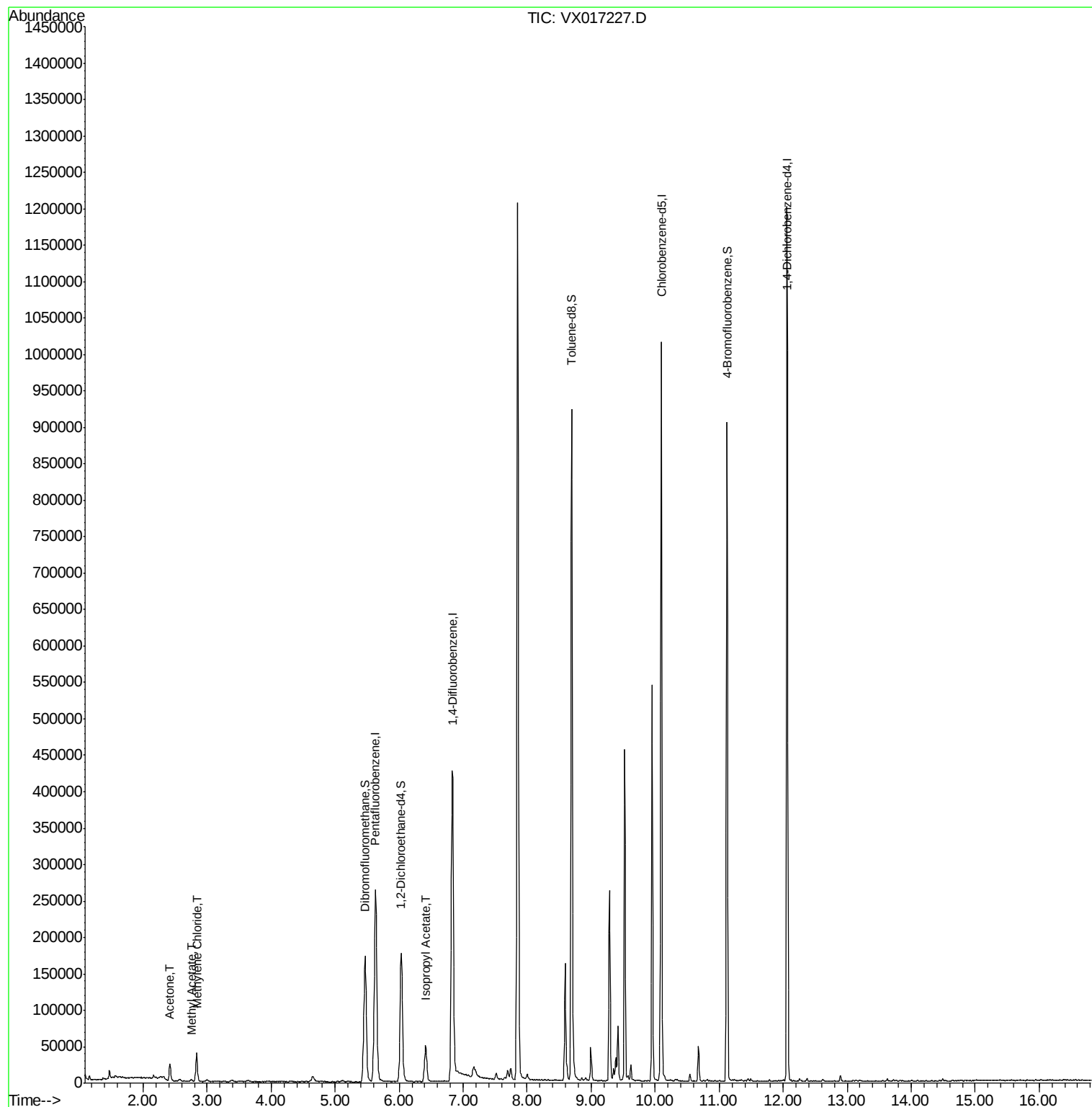
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	253383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	432078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	467739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	170069	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
35) Dibromofluoromethane	5.47	113	146498	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
50) Toluene-d8	8.70	98	545660	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
62) 4-Bromofluorobenzene	11.12	95	228382	57.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.62%	
Target Compounds						
16) Acetone	2.42	43	23576	20.175	ug/l	94
18) Methyl Acetate	2.75	43	3659	1.199	ug/l	94
20) Methylene Chloride	2.84	84	17578	5.868	ug/l	98
43) Isopropyl Acetate	6.42	43	67366	9.784	ug/l	99

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017227.D

Acq: 08 Jul 2020 01:21

Instrument :

MSVOA_X

ClientSampleId :

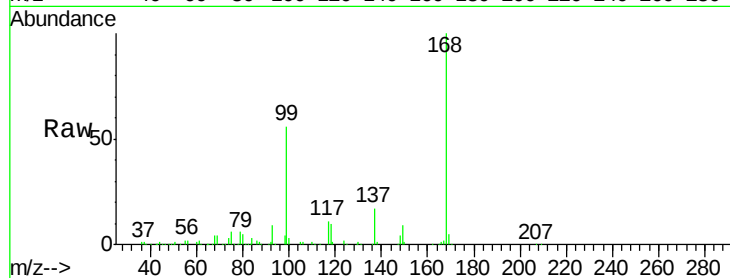
BP-MW180-SOIL-610-614

Tot Ion:168 Resp: 253383

Ion Ratio Lower Upper

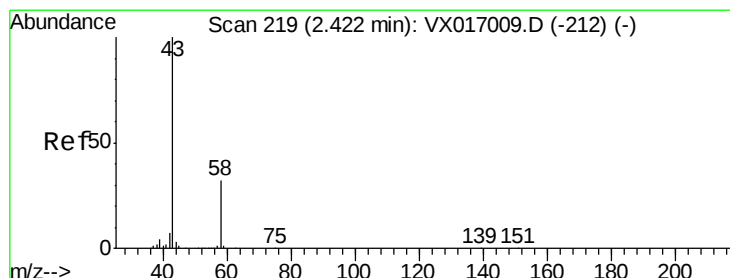
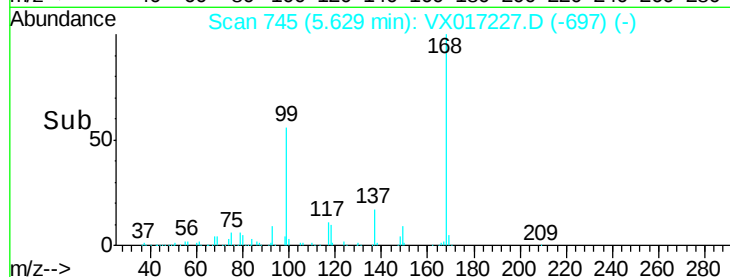
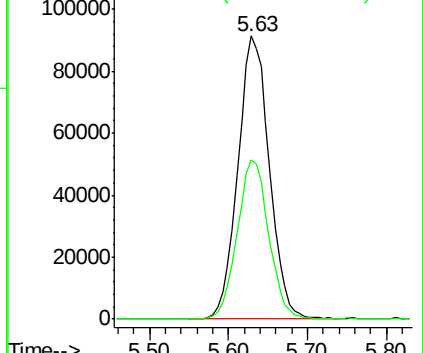
168 100

99 56.2 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: 20.175 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017227.D

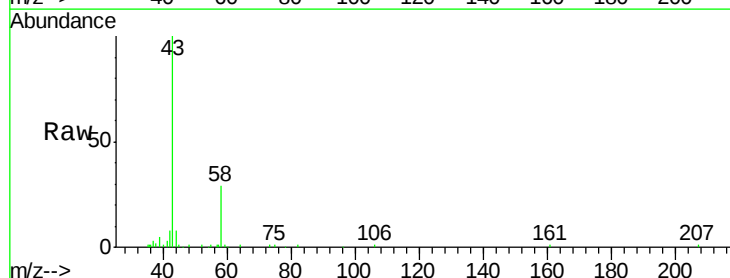
Acq: 08 Jul 2020 01:21

Tgt Ion: 43 Resp: 23576

Ion Ratio Lower Upper

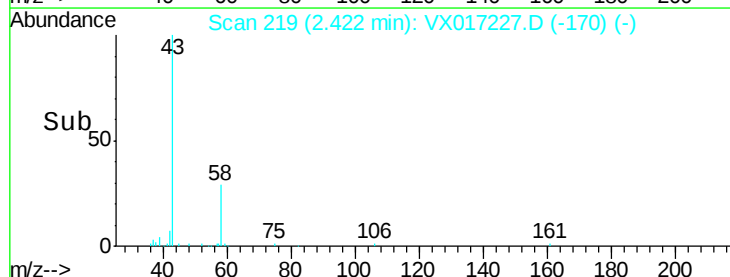
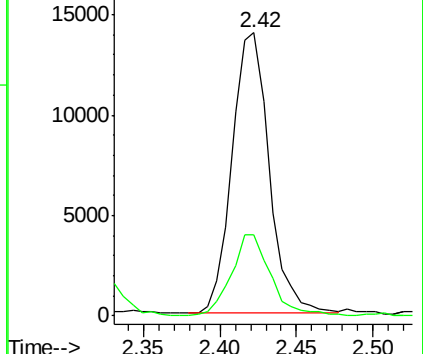
43 100

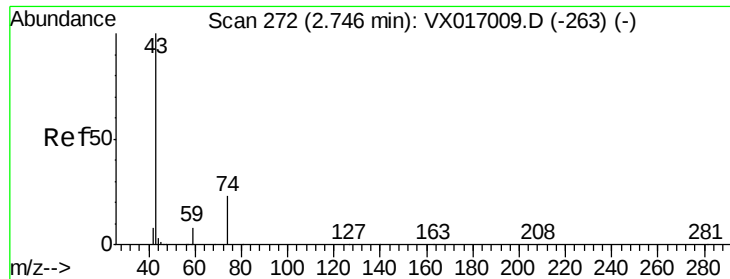
58 28.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

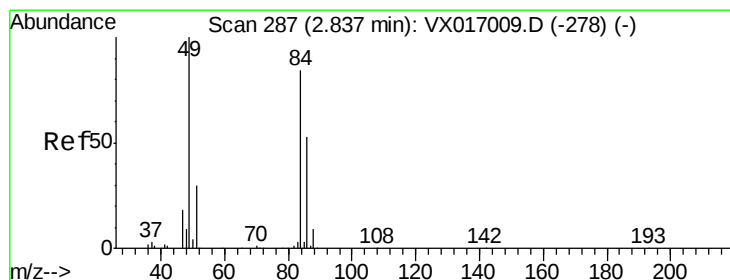
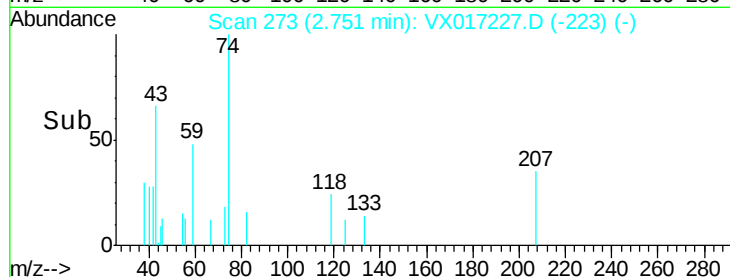
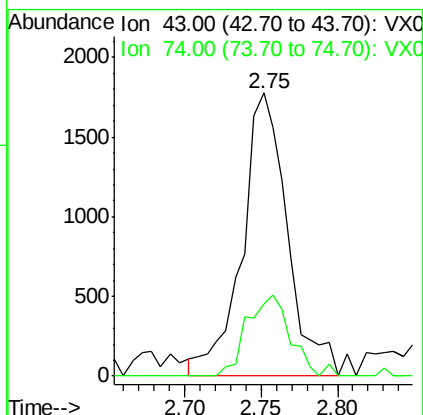
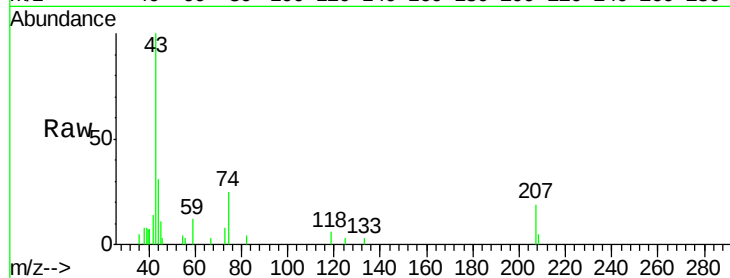




#18
Methyl Acetate
Concen: 1.199 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017227.D
Acq: 08 Jul 2020 01:21

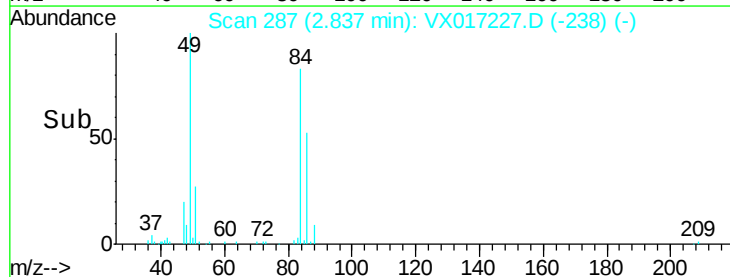
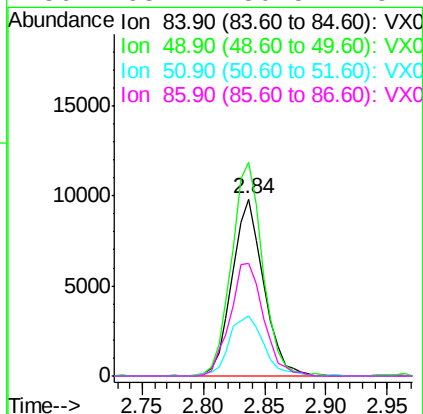
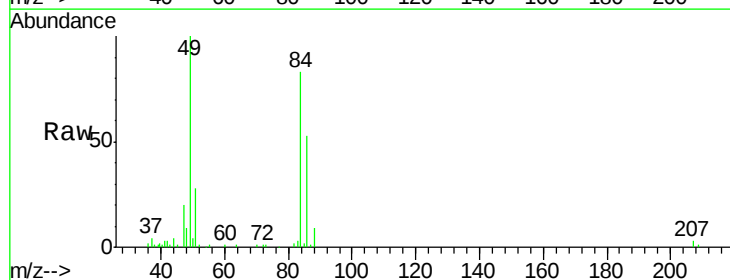
Instrument :
MSVOA_X
ClientSampleId :
BP-MW180-SOIL-610-614

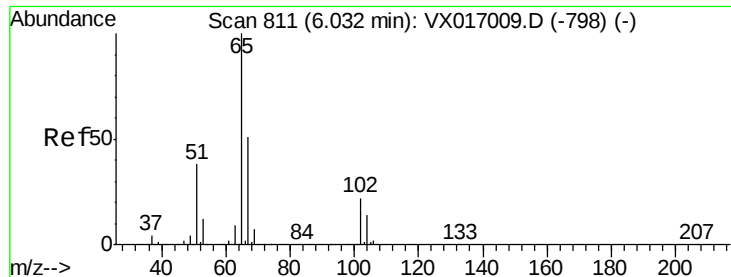
Tot Ion: 43 Resp: 3659
Ion Ratio Lower Upper
43 100
74 27.1 19.3 28.9



#20
Methylene Chloride
Concen: 5.868 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017227.D
Acq: 08 Jul 2020 01:21

Tgt Ion: 84 Resp: 17578
Ion Ratio Lower Upper
84 100
49 120.6 94.7 142.1
51 33.9 28.6 42.8
86 63.4 50.5 75.7





#33

1,2-Dichloroethane-d4

Concen: 54.445 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017227.D

Acq: 08 Jul 2020 01:21

Instrument :

MSVOA_X

ClientSampleId :

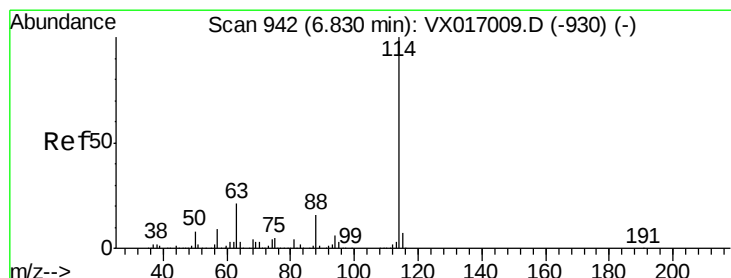
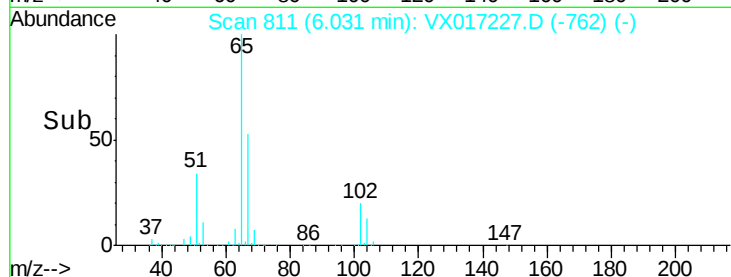
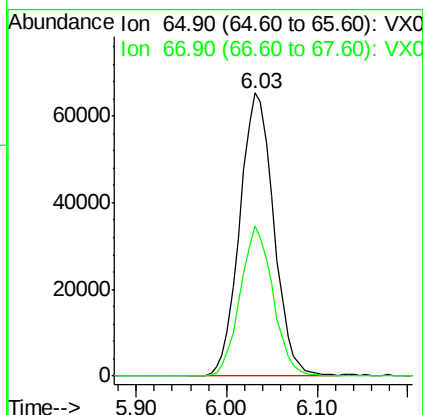
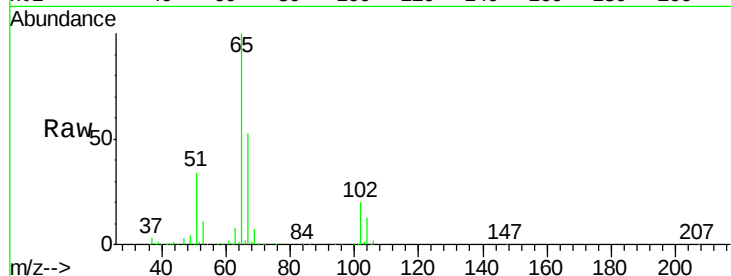
BP-MW180-SOIL-610-614

Tot Ion: 65 Resp: 170069

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017227.D

Acq: 08 Jul 2020 01:21

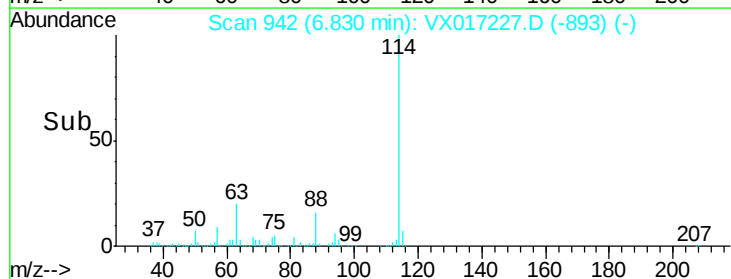
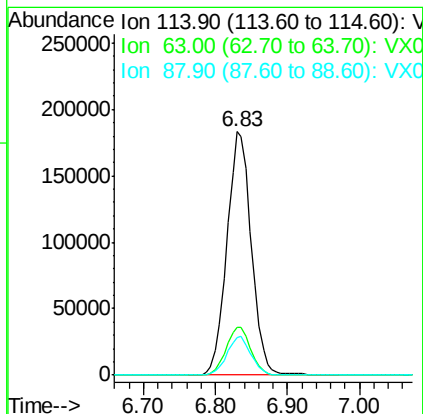
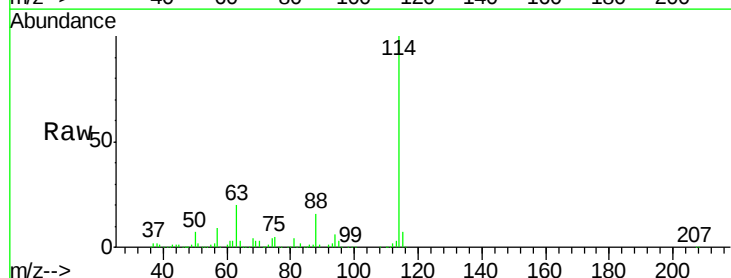
Tgt Ion: 114 Resp: 432078

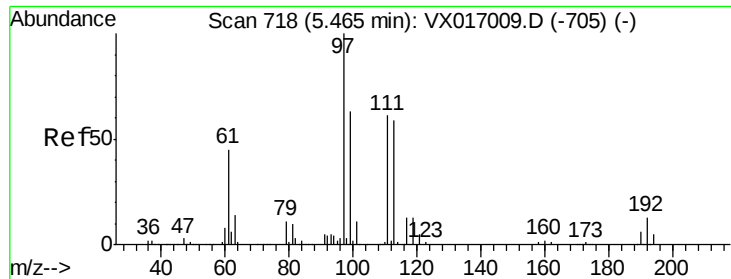
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

88 15.6 0.0 32.4

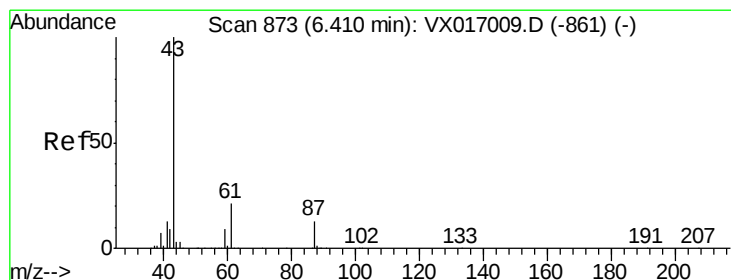
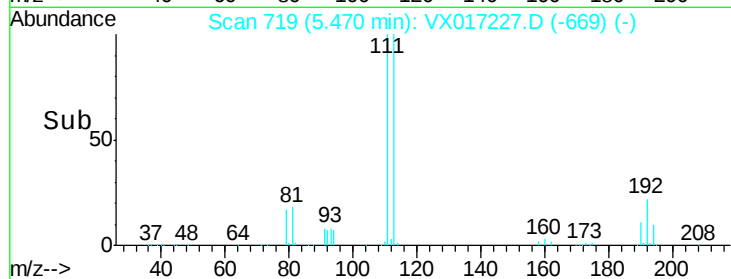
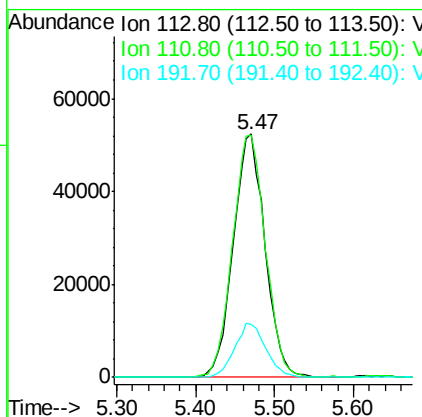
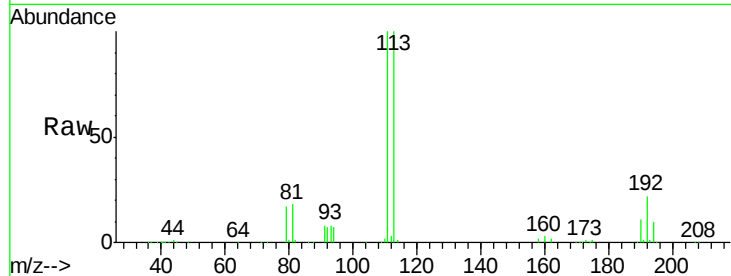




#35
 Dibromofluoromethane
 Concen: 53.600 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017227.D
 Acq: 08 Jul 2020 01:21

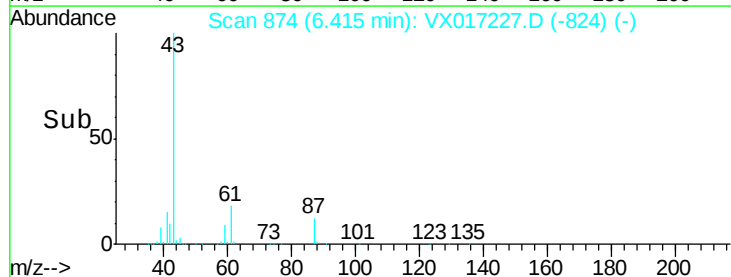
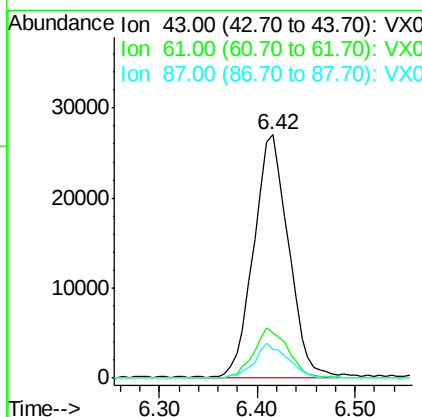
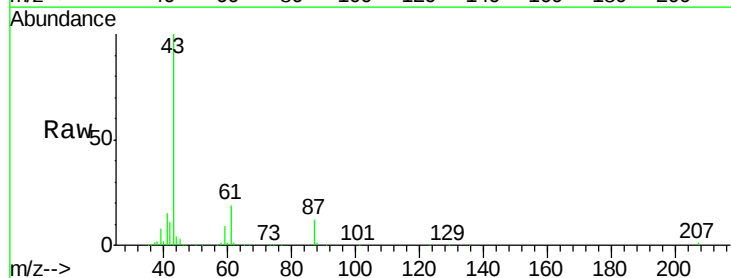
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW180-SOIL-610-614

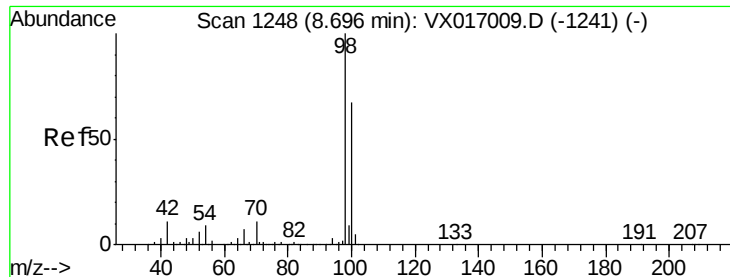
Tot Ion:113 Resp: 146498
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.9 122.9
 192 21.9 16.7 25.1



#43
 Isopropyl Acetate
 Concen: 9.784 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017227.D
 Acq: 08 Jul 2020 01:21

Tgt Ion: 43 Resp: 67366
 Ion Ratio Lower Upper
 43 100
 61 20.6 16.2 24.2
 87 13.8 10.7 16.1





#50

Toluene-d8

Concen: 53.989 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017227.D

Acq: 08 Jul 2020 01:21

Instrument :

MSVOA_X

ClientSampleId :

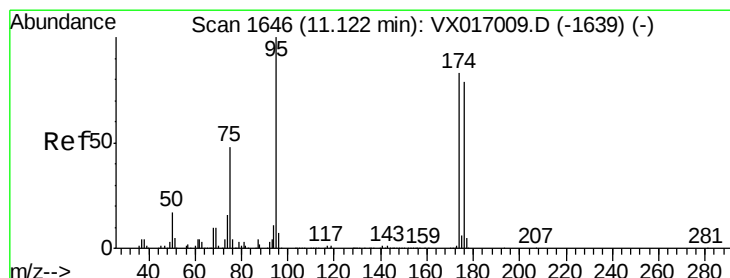
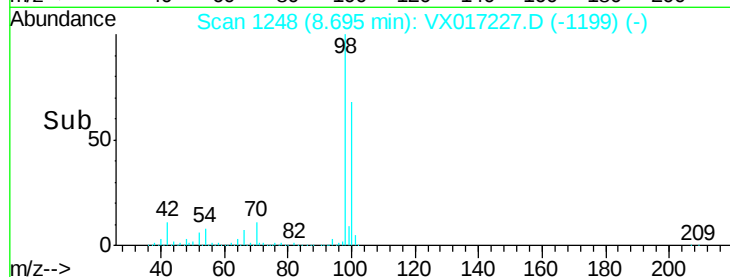
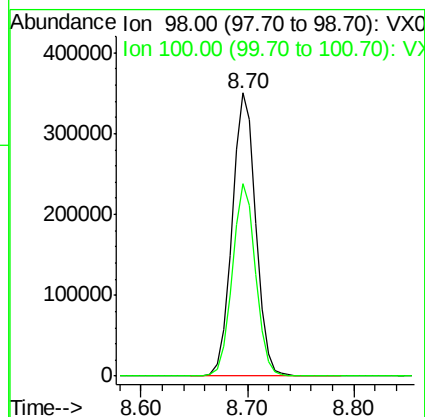
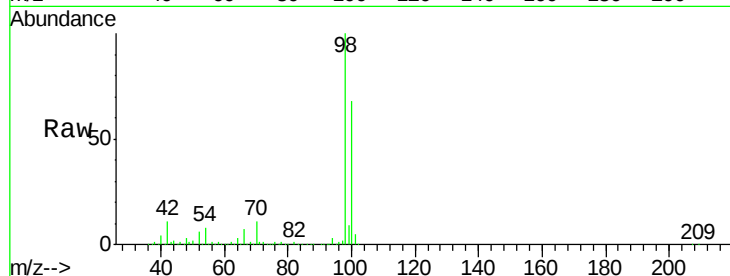
BP-MW180-SOIL-610-614

Tot Ion: 98 Resp: 545660

Ion Ratio Lower Upper

98 100

100 66.8 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 57.805 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017227.D

Acq: 08 Jul 2020 01:21

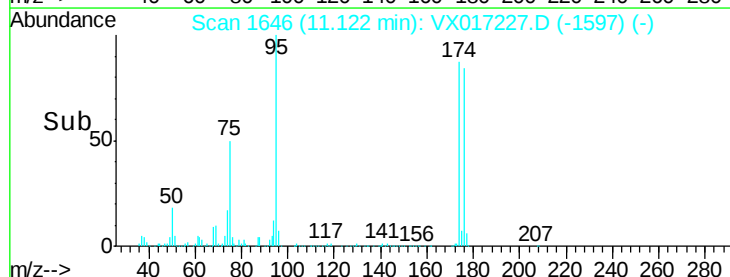
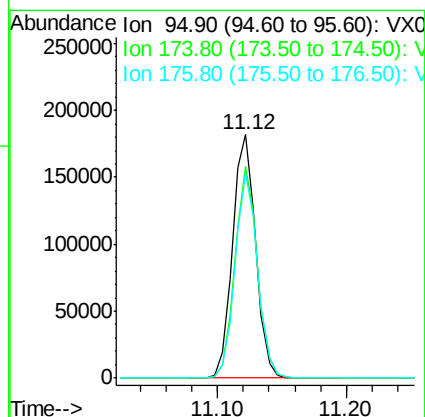
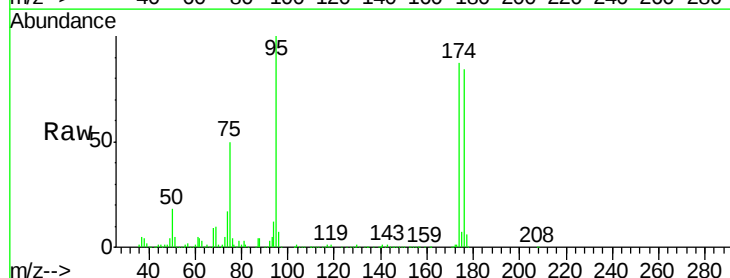
Tgt Ion: 95 Resp: 228382

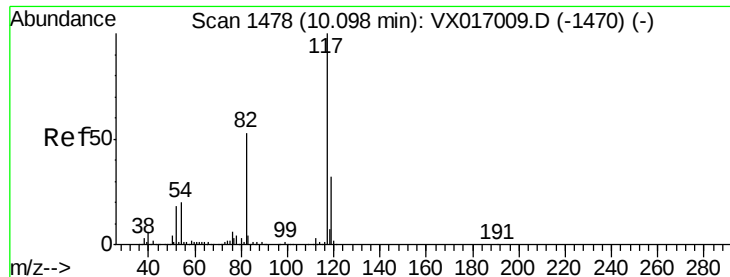
Ion Ratio Lower Upper

95 100

174 84.7 0.0 164.0

176 81.5 0.0 157.6

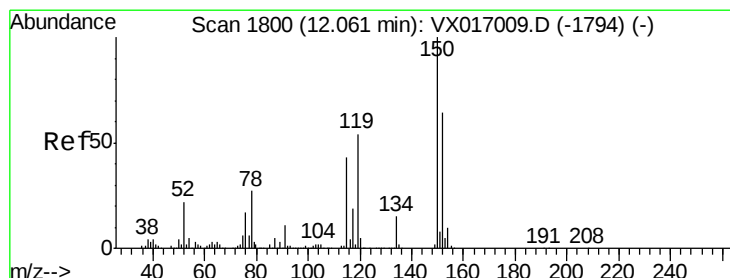
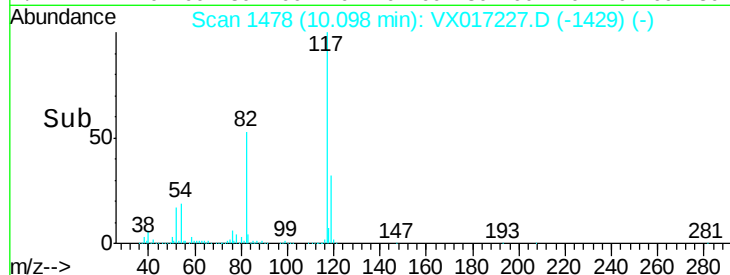
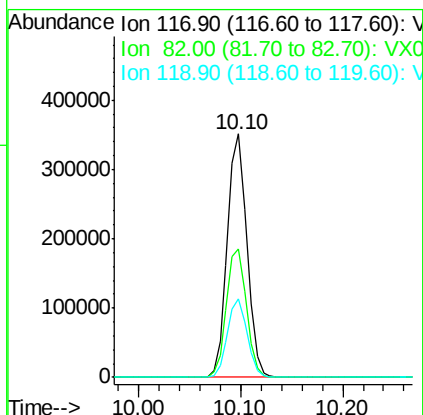
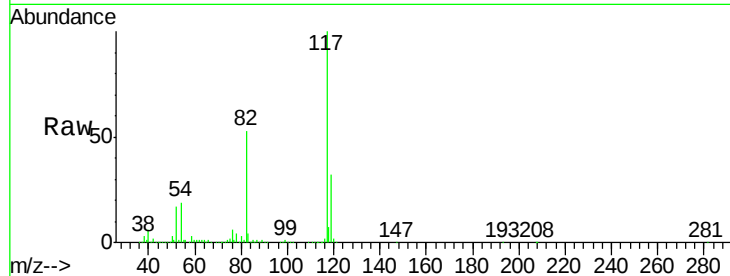




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017227.D
Acq: 08 Jul 2020 01:21

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ClientSampleId :
BP-MW180-SOIL-610-614

Tot Ion:117 Resp: 467739
Ion Ratio Lower Upper
117 100
82 52.7 42.6 63.8
119 32.2 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: VX017227.D
Acq: 08 Jul 2020 01:21

Tgt Ion:152 Resp: 241837
Ion Ratio Lower Upper
152 100
115 58.0 40.9 122.7
150 159.7 0.0 351.6

