

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017228.D
 Acq On : 08 Jul 2020 01:44
 Operator : JC/SP
 Sample : L3192-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW180-SOIL-614-616

Quant Time: Jul 08 04:11:17 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

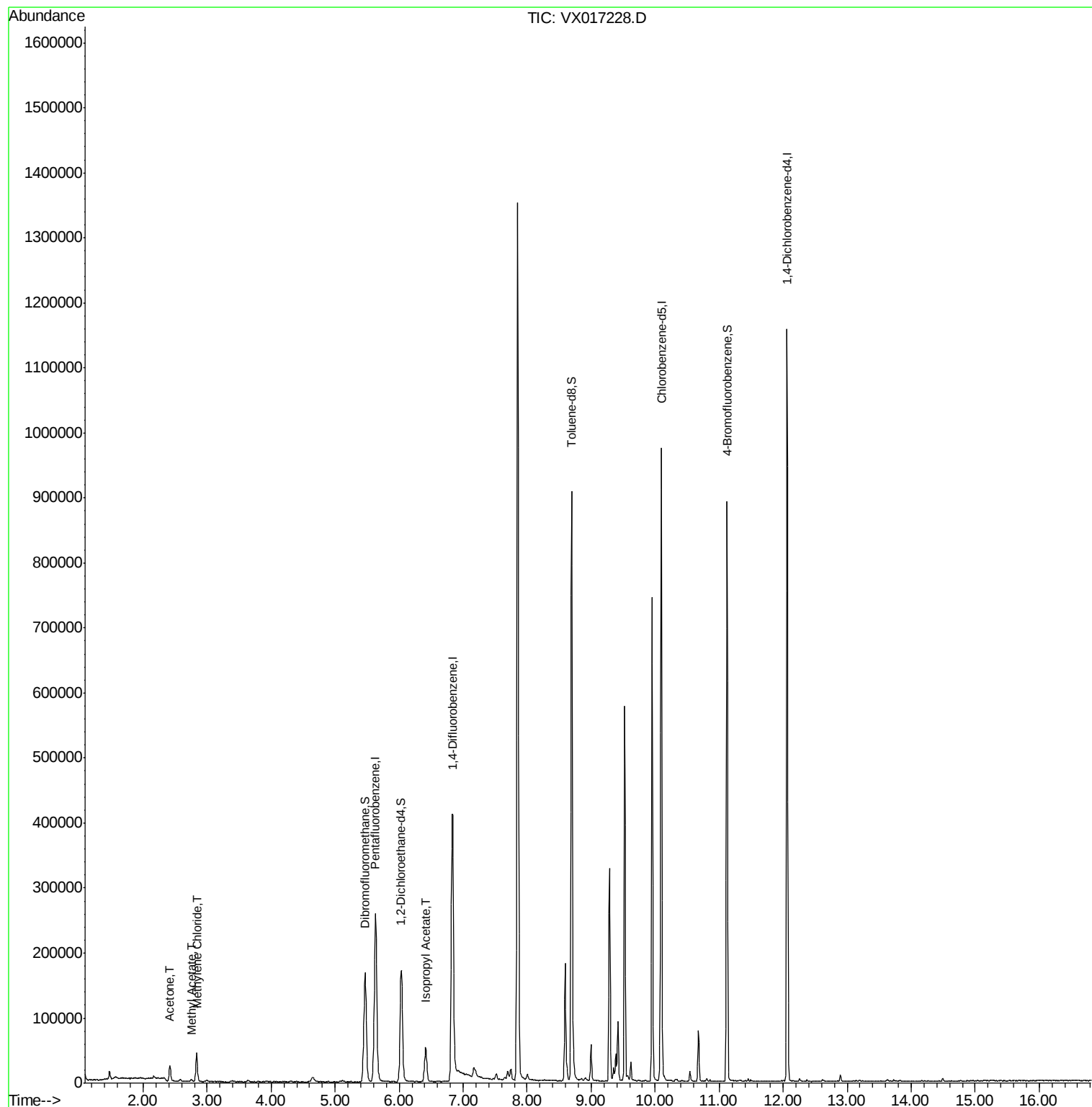
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	248639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	426073	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	456520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	234362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	168128	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
35) Dibromofluoromethane	5.46	113	145018	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
50) Toluene-d8	8.70	98	537220	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
62) 4-Bromofluorobenzene	11.12	95	216284	55.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.02%	
Target Compounds						
16) Acetone	2.42	43	24822	21.647	ug/l	95
18) Methyl Acetate	2.75	43	3653	1.220	ug/l	93
20) Methylene Chloride	2.84	84	19669	6.803	ug/l	93
43) Isopropyl Acetate	6.41	43	70514	10.386	ug/l	99

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

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Quant Title : SW846 8260
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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: VX017228.D

Acq: 08 Jul 2020 01:44

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MSVOA_X

ClientSampleId :

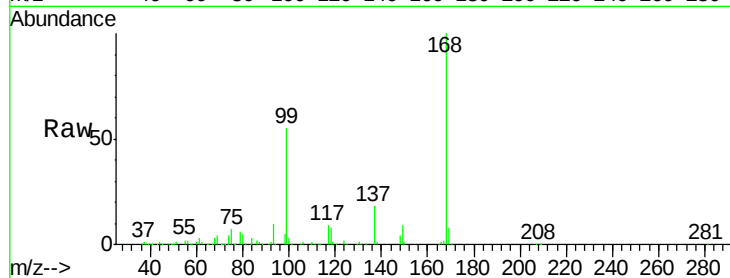
BP-MW180-SOIL-614-616

Tot Ion:168 Resp: 248639

Ion Ratio Lower Upper

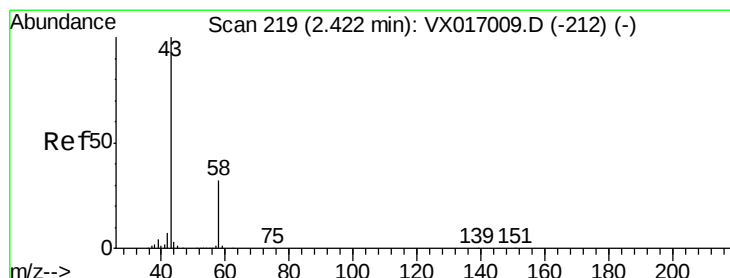
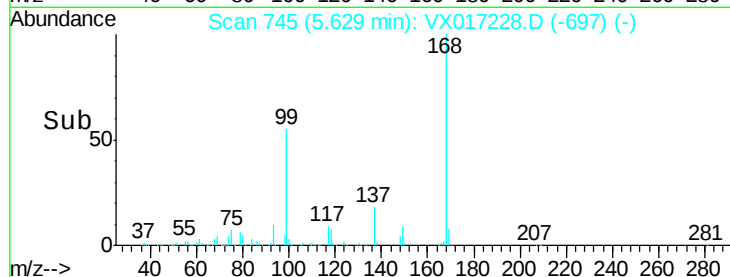
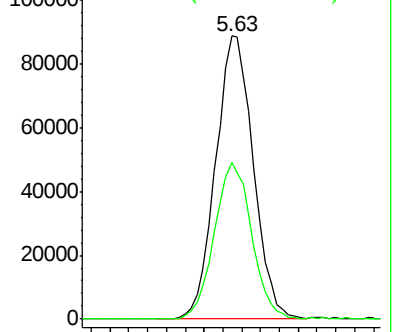
168 100

99 55.2 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: 21.647 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017228.D

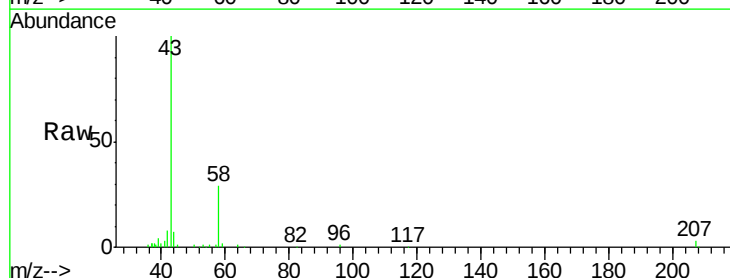
Acq: 08 Jul 2020 01:44

Tgt Ion: 43 Resp: 24822

Ion Ratio Lower Upper

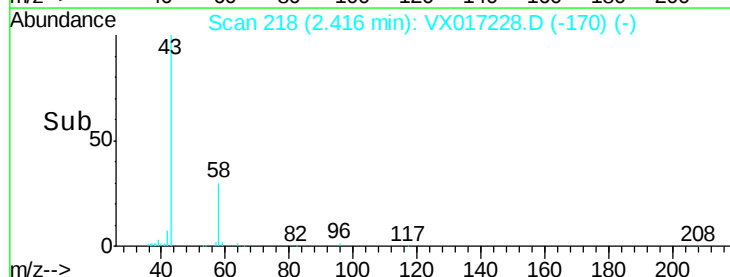
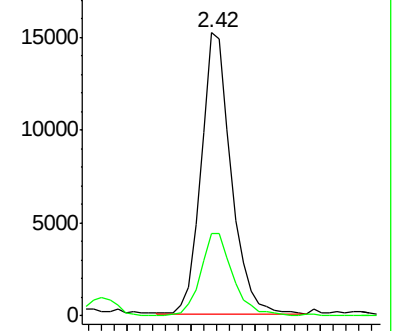
43 100

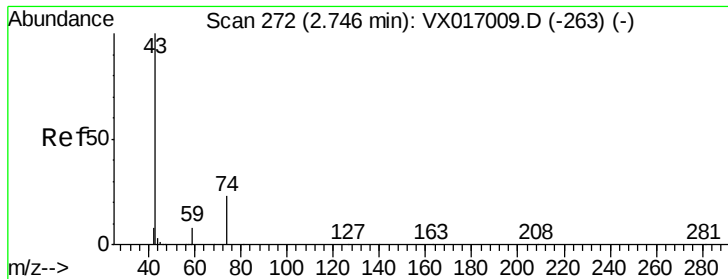
58 29.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

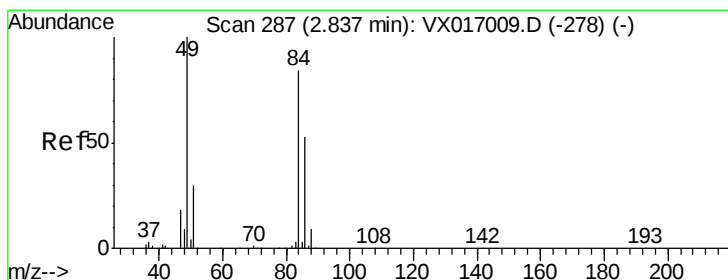
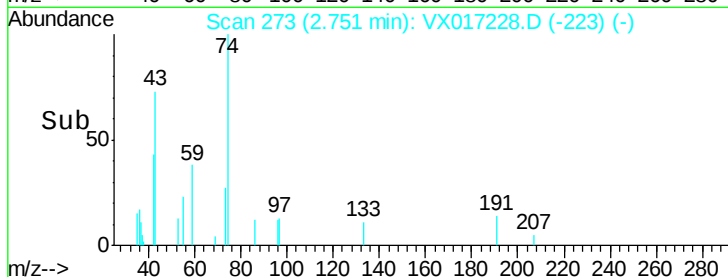
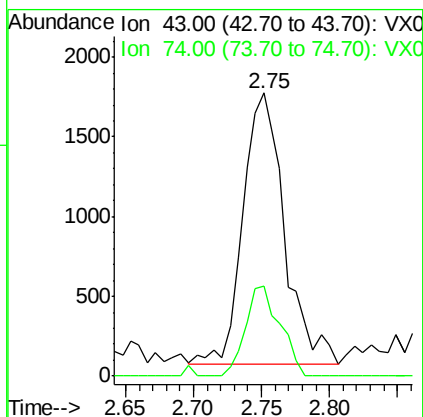
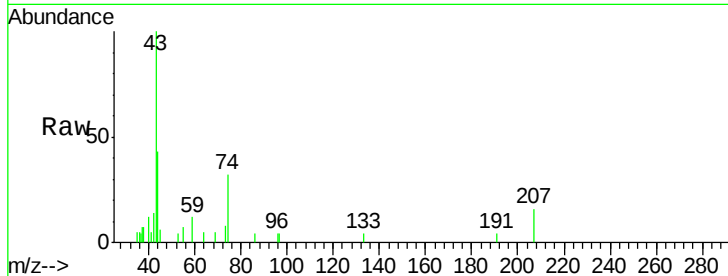




#18
Methvl Acetate
Concen: 1.220 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017228.D
Acq: 08 Jul 2020 01:44

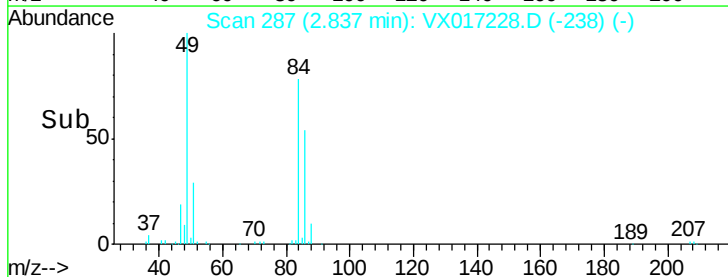
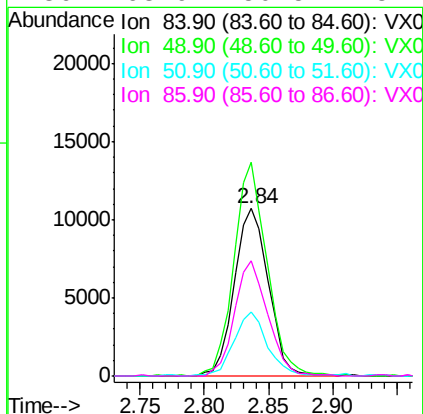
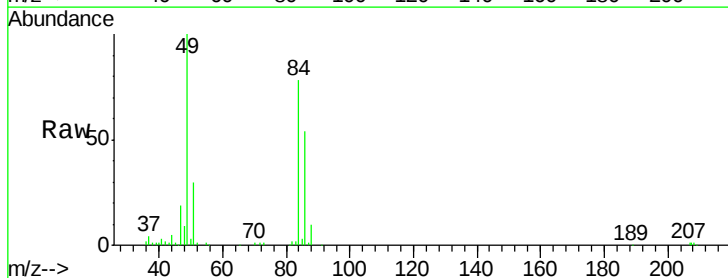
Instrument :
MSVOA_X
ClientSampleId :
BP-MW180-SOIL-614-616

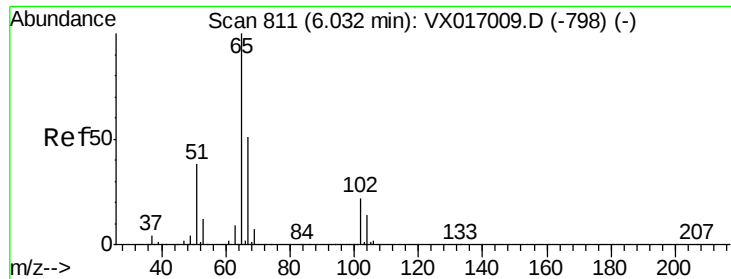
Tot Ion: 43 Resp: 3653
Ion Ratio Lower Upper
43 100
74 27.5 19.3 28.9



#20
Methylene Chloride
Concen: 6.803 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017228.D
Acq: 08 Jul 2020 01:44

Tgt Ion: 84 Resp: 19669
Ion Ratio Lower Upper
84 100
49 127.8 94.7 142.1
51 38.0 28.6 42.8
86 68.9 50.5 75.7

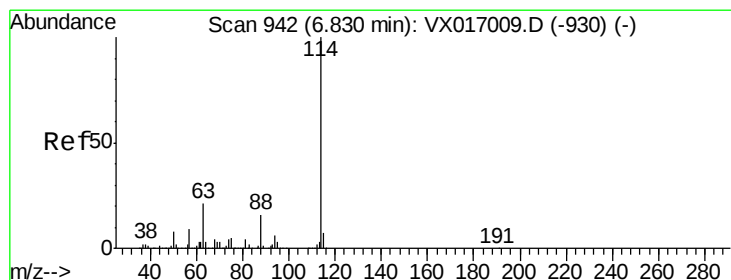
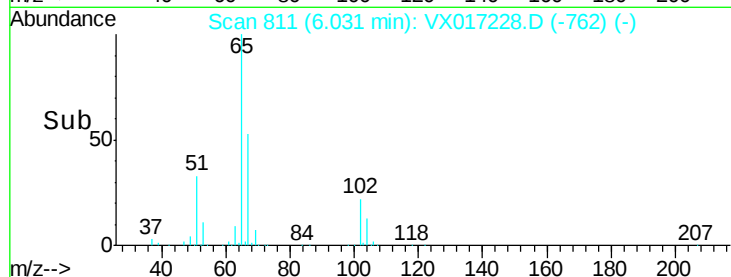
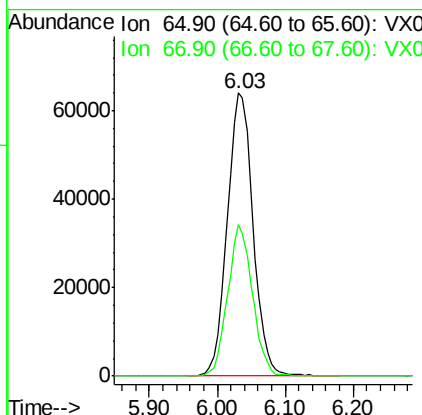
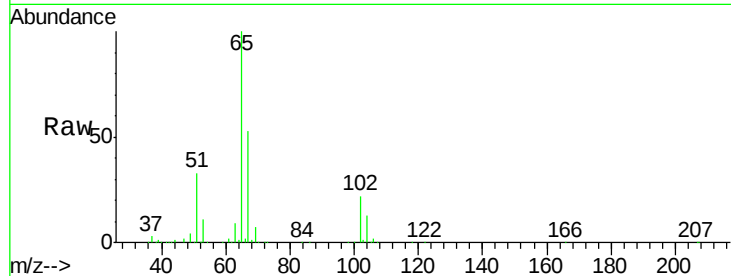




#33
 1,2-Dichloroethane-d4
 Concen: 54.850 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017228.D
 Acq: 08 Jul 2020 01:44

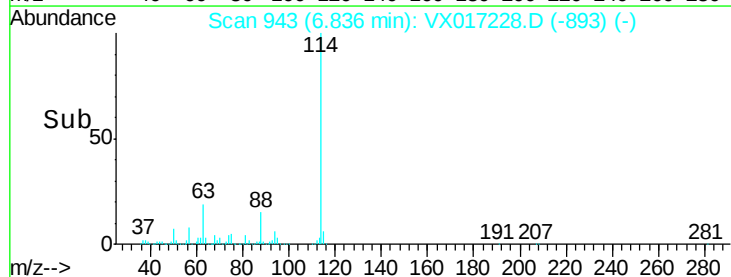
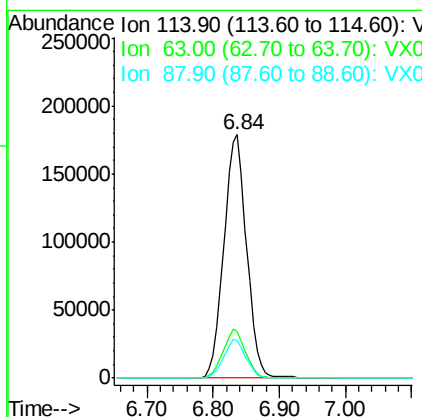
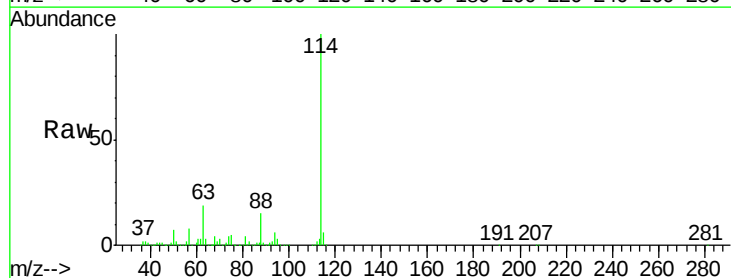
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW180-SOIL-614-616

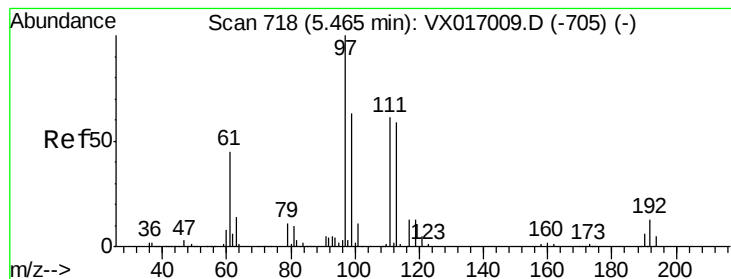
Tot Ion: 65 Resp: 168128
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017228.D
 Acq: 08 Jul 2020 01:44

Tgt Ion: 114 Resp: 426073
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.4
 88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.806 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017228.D

Acq: 08 Jul 2020 01:44

Instrument :

MSVOA_X

ClientSampleId :

BP-MW180-SOIL-614-616

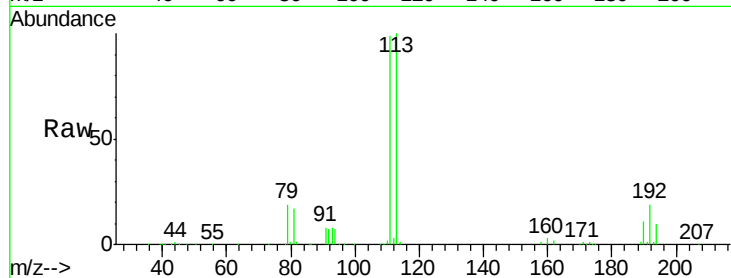
Tot Ion:113 Resp: 145018

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

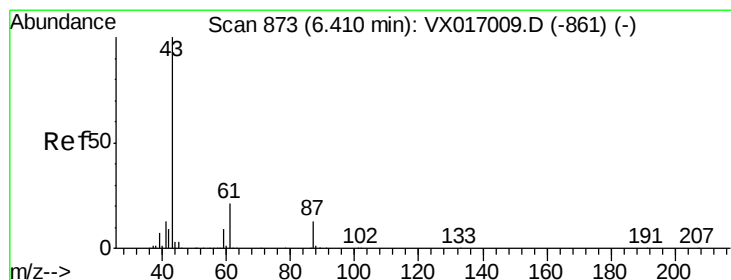
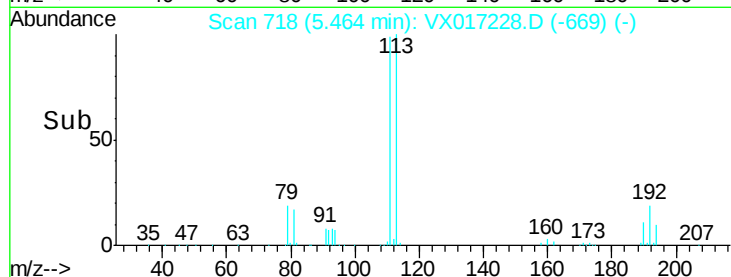
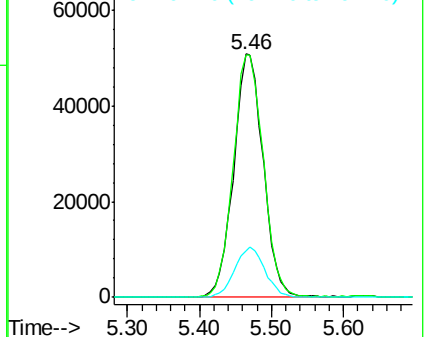
192 21.2 16.7 25.1



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: 10.386 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017228.D

Acq: 08 Jul 2020 01:44

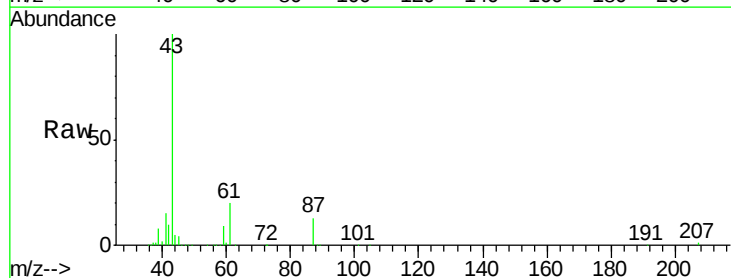
Tgt Ion: 43 Resp: 70514

Ion Ratio Lower Upper

43 100

61 20.7 16.2 24.2

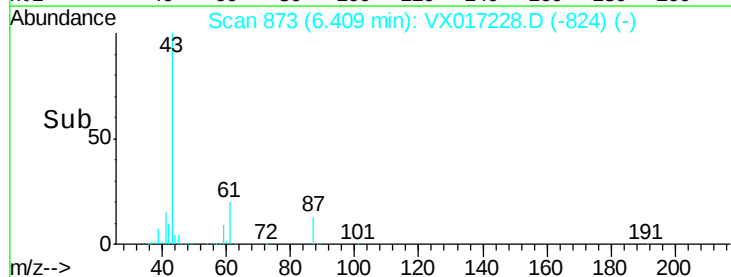
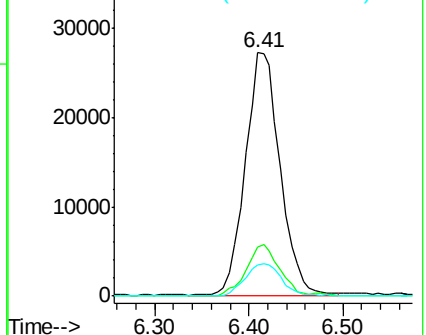
87 14.0 10.7 16.1

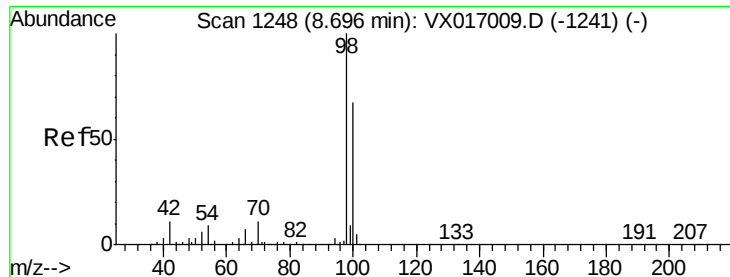


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 53.903 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017228.D

Acq: 08 Jul 2020 01:44

Instrument :

MSVOA_X

ClientSampleId :

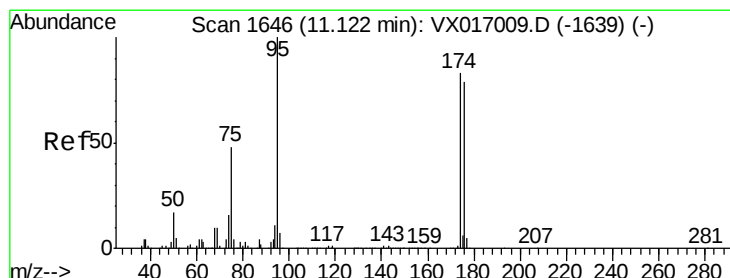
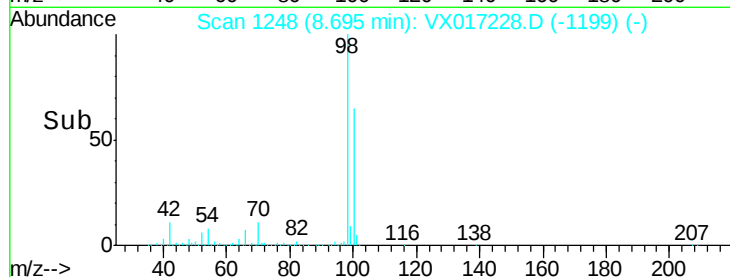
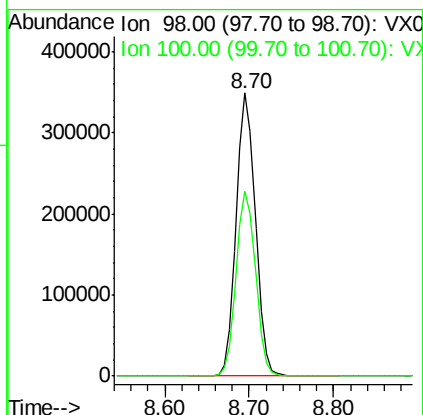
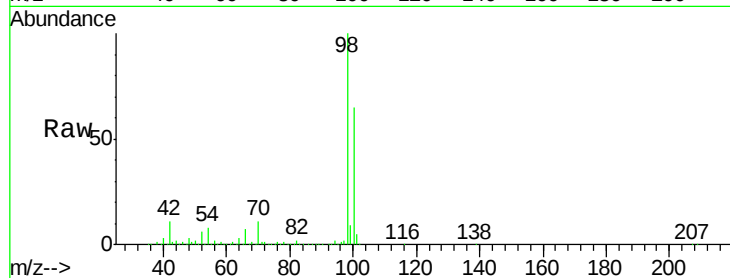
BP-MW180-SOIL-614-616

Tot Ion: 98 Resp: 537220

Ion Ratio Lower Upper

98 100

100 66.1 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 55.515 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017228.D

Acq: 08 Jul 2020 01:44

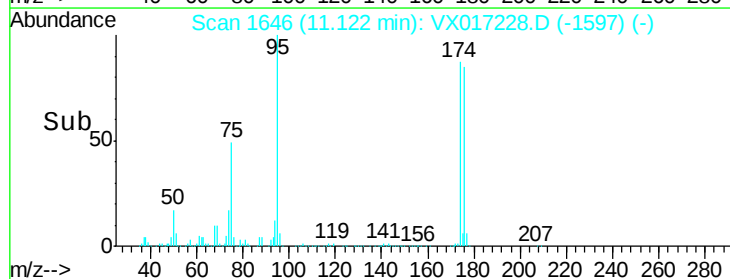
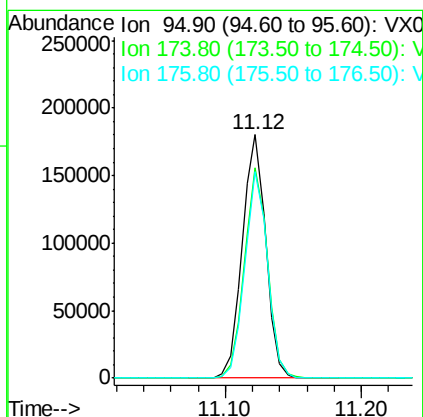
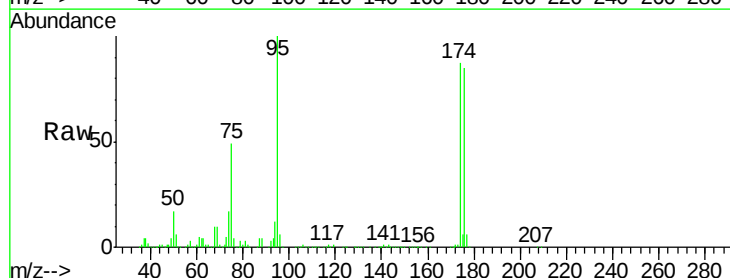
Tgt Ion: 95 Resp: 216284

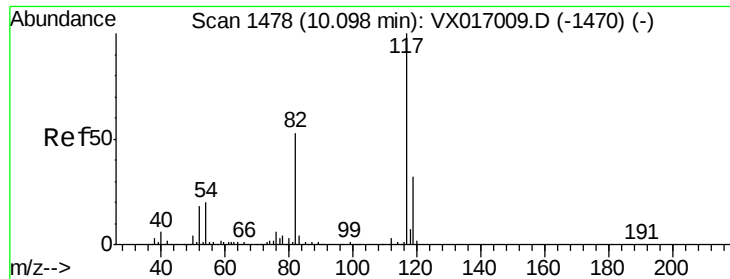
Ion Ratio Lower Upper

95 100

174 85.7 0.0 164.0

176 82.6 0.0 157.6

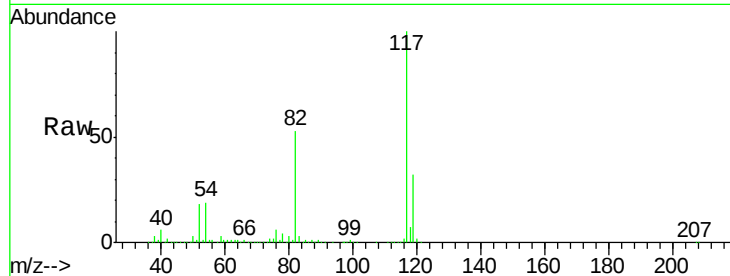




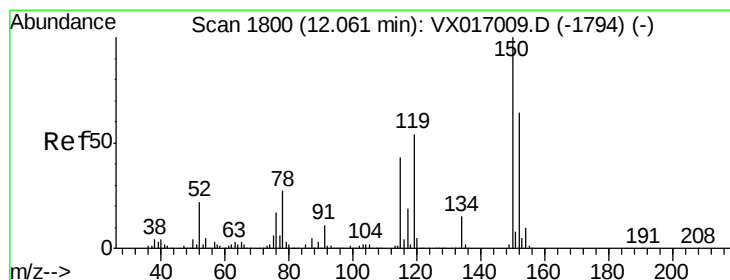
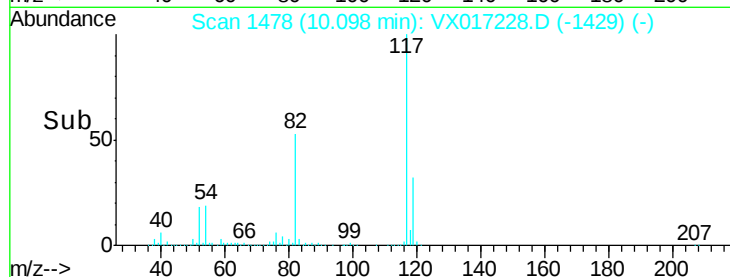
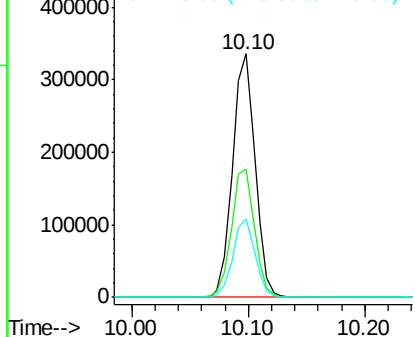
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017228.D
Acq: 08 Jul 2020 01:44

Instrument :
MSVOA_X
ClientSampleId :
BP-MW180-SOIL-614-616

Tot Ion:117 Resp: 456520
Ion Ratio Lower Upper
117 100
82 52.9 42.6 63.8
119 32.2 25.4 38.2

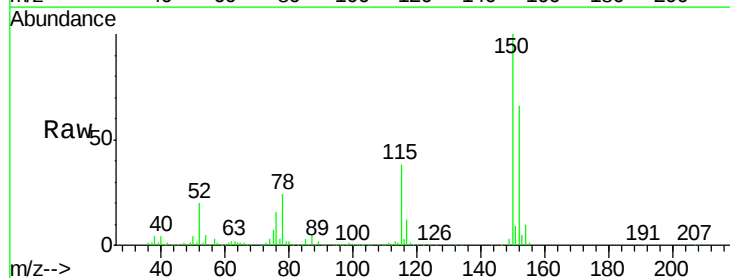


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017228.D
Acq: 08 Jul 2020 01:44

Tgt Ion:152 Resp: 234362
Ion Ratio Lower Upper
152 100
115 56.7 40.9 122.7
150 154.8 0.0 351.6



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

