

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017152.D
 Acq On : 02 Jul 2020 16:40
 Operator : JC/SP
 Sample : L3192-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW180-SOIL-600-604

Quant Time: Jul 03 01:50:34 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

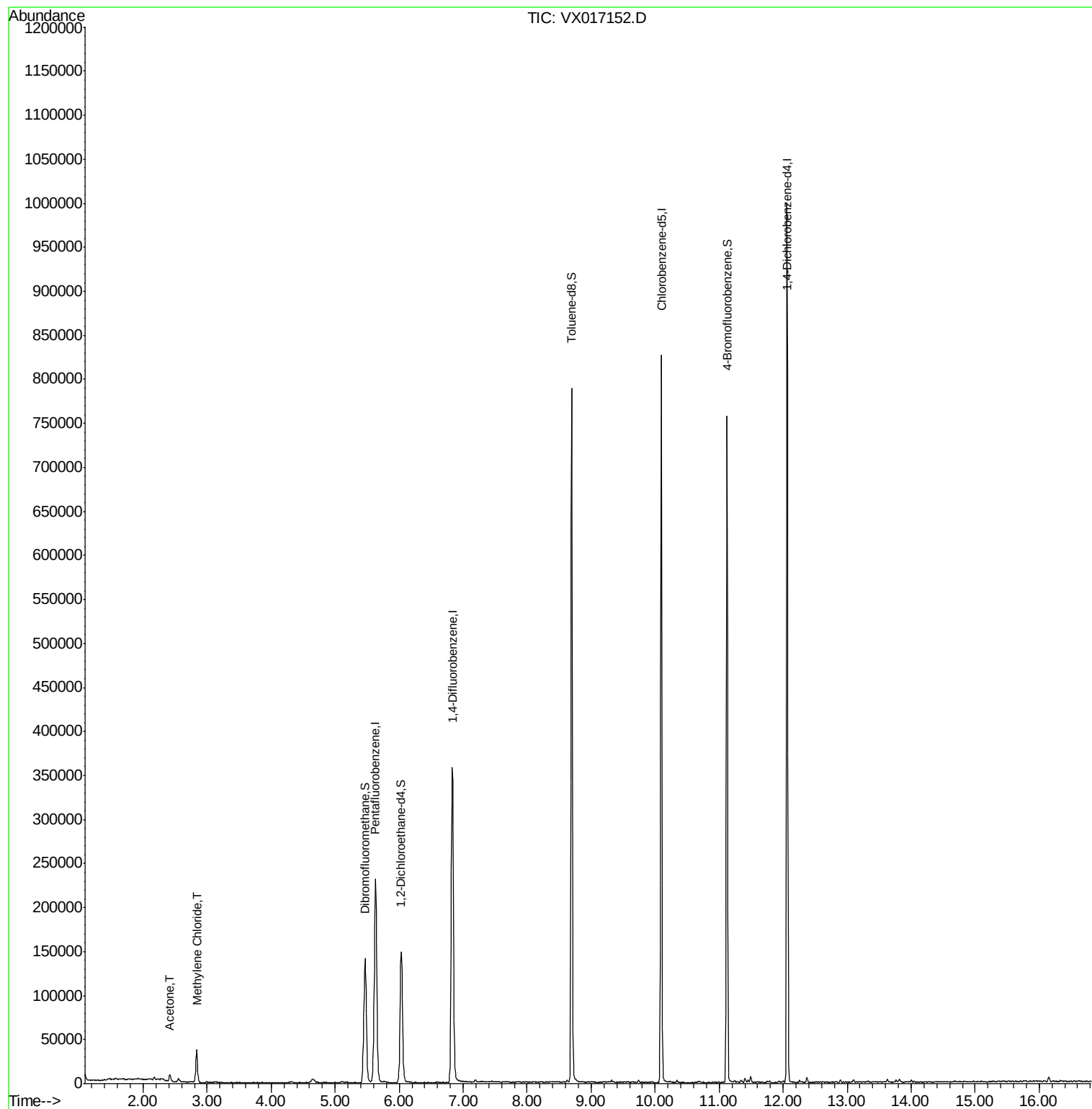
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	223178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	367684	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	378863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	144023	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
35) Dibromofluoromethane	5.47	113	124562	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
50) Toluene-d8	8.70	98	451451	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.12	95	187450	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	
Target Compounds						
16) Acetone	2.42	43	9265	9.002	ug/l	95
20) Methylene Chloride	2.84	84	17341	6.668	ug/l	93

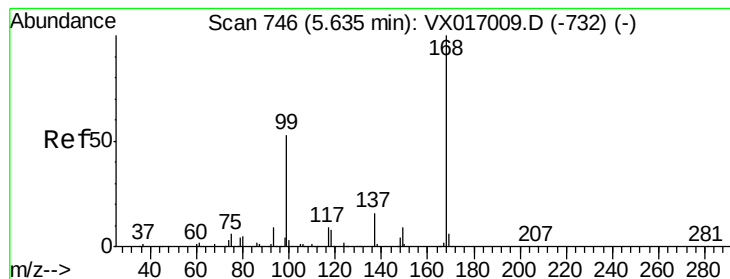
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017152.D

Acq: 02 Jul 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

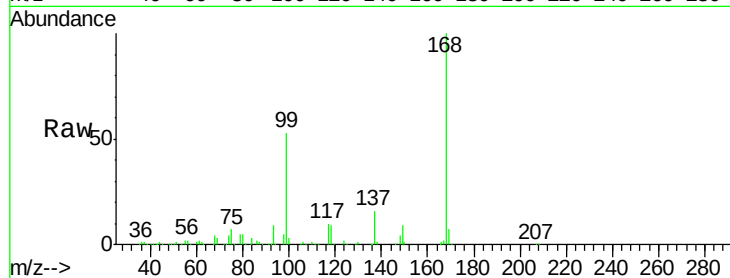
BP-MW180-SOIL-600-604

Tot Ion:168 Resp: 223178

Ion Ratio Lower Upper

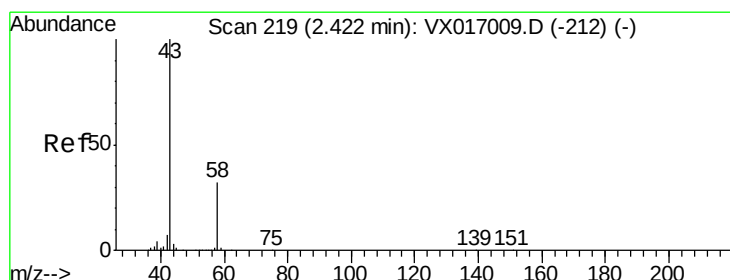
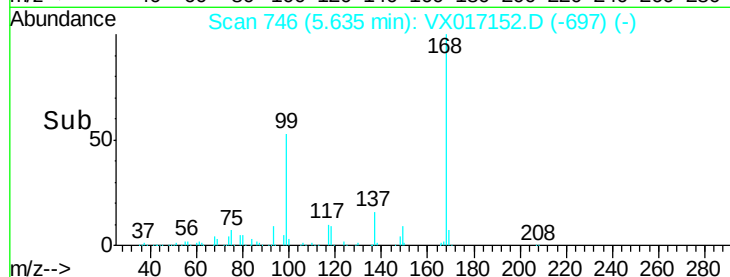
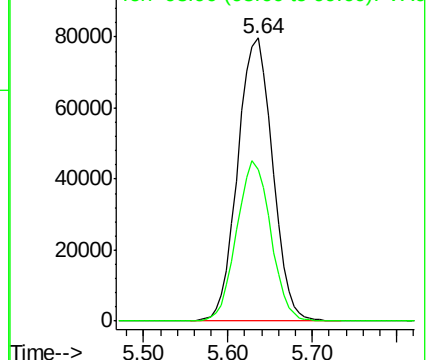
168 100

99 53.5 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: 9.002 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017152.D

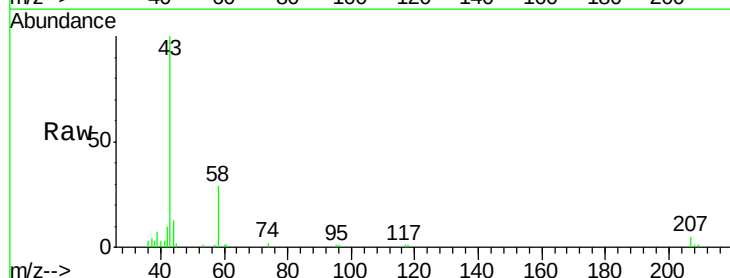
Acq: 02 Jul 2020 16:40

Tgt Ion: 43 Resp: 9265

Ion Ratio Lower Upper

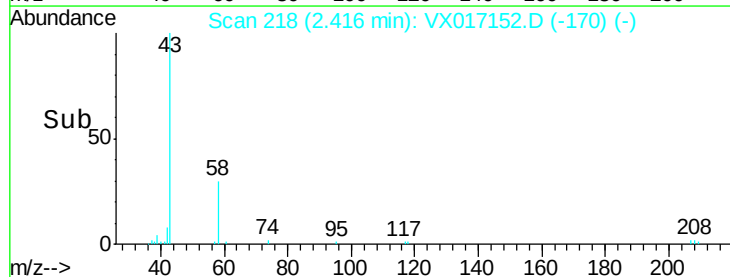
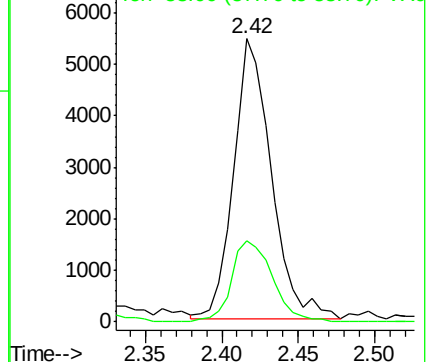
43 100

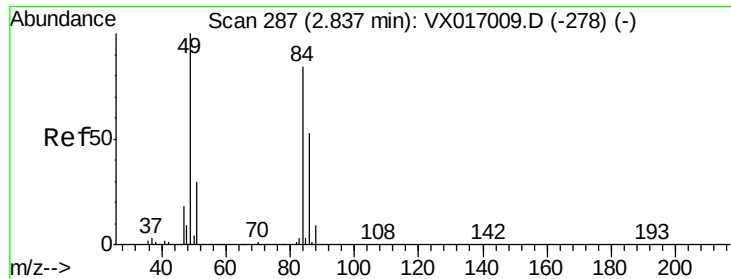
58 29.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

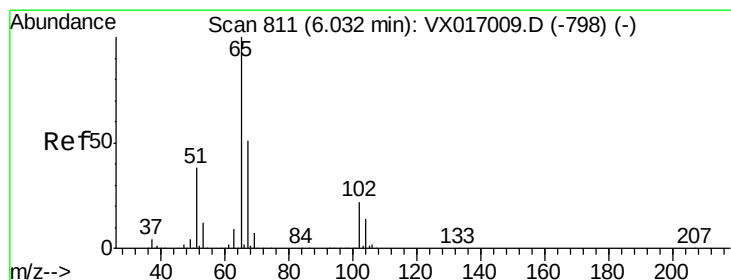
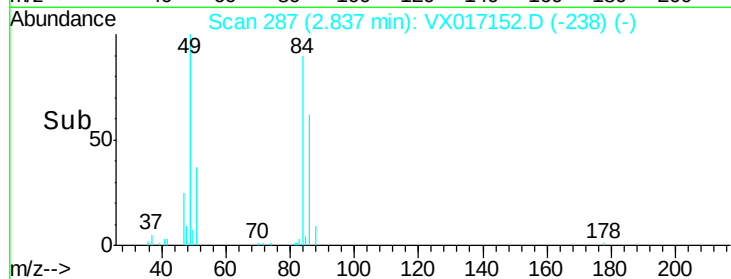
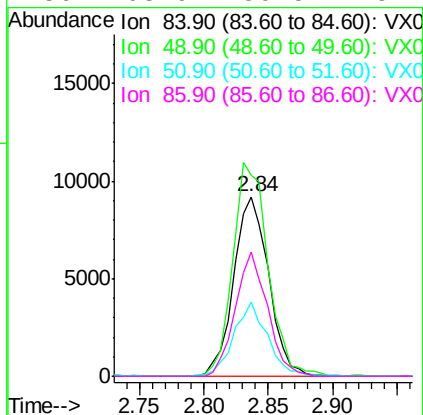
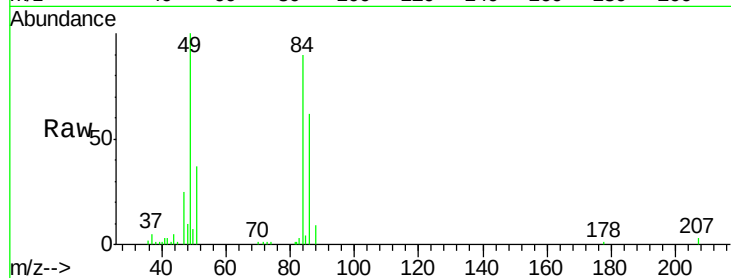




#20
Methylene Chloride
Concen: 6.668 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017152.D
Acq: 02 Jul 2020 16:40

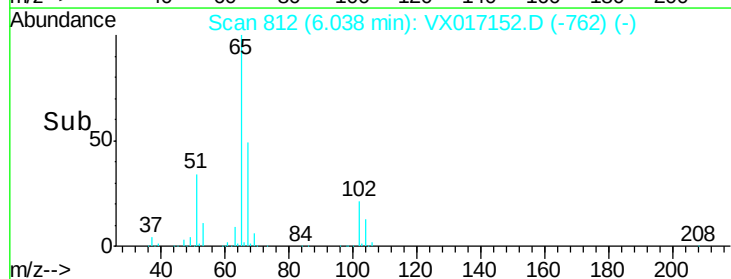
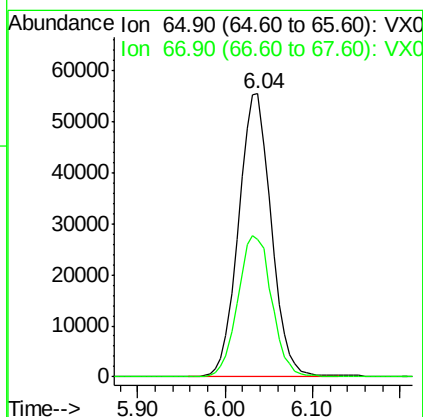
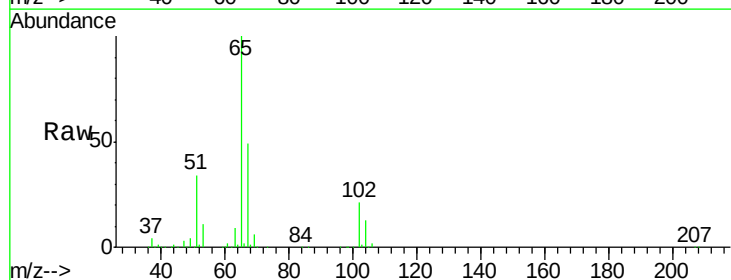
Instrument :
MSVOA_X
ClientSampleId :
BP-MW180-SOIL-600-604

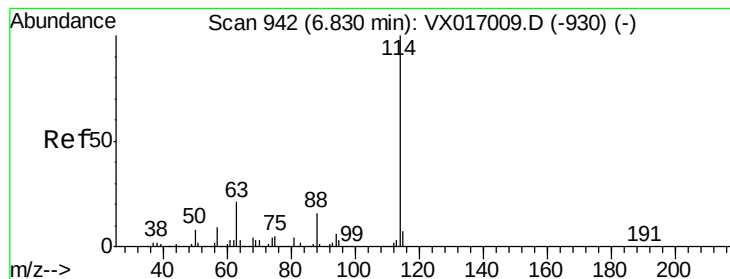
Tot Ion:	84	Resp:	17341
Ion	Ratio	Lower	Upper
84	100		
49	111.6	94.7	142.1
51	41.5	28.6	42.8
86	68.9	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 52.347 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017152.D
Acq: 02 Jul 2020 16:40

Tgt Ion:	65	Resp:	144023
Ion	Ratio	Lower	Upper
65	100		
67	51.8	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: VX017152.D

Acq: 02 Jul 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

BP-MW180-SOIL-600-604

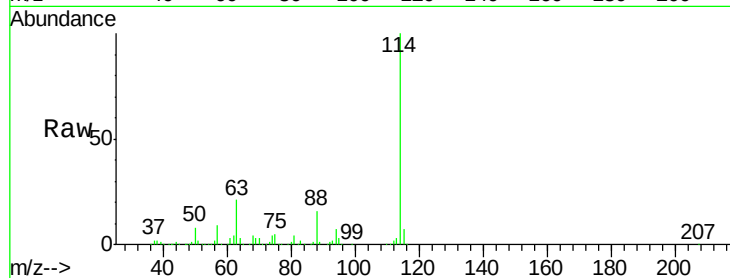
Tot Ion:114 Resp: 367684

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.4

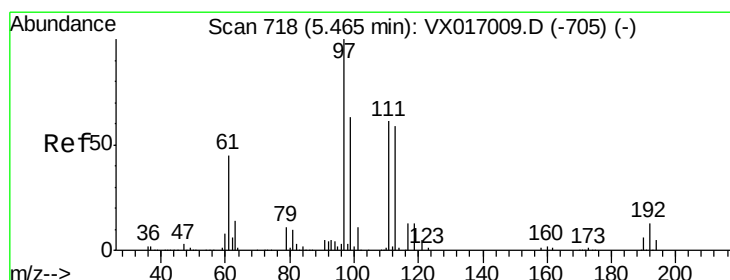
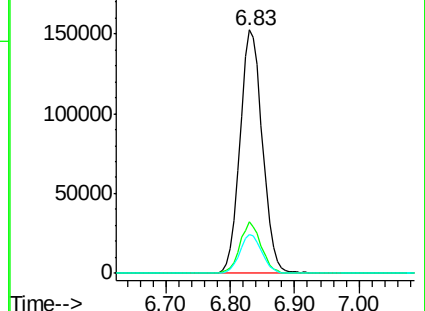
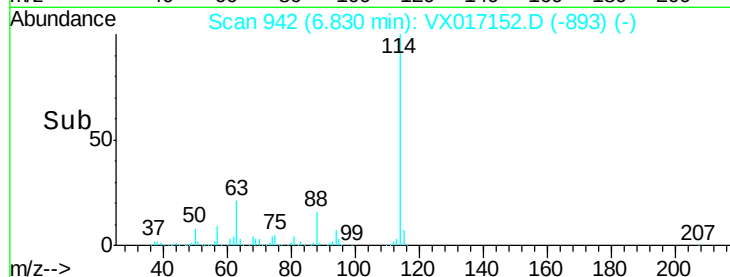
88 16.0 0.0 32.4



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: 53.555 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017152.D

Acq: 02 Jul 2020 16:40

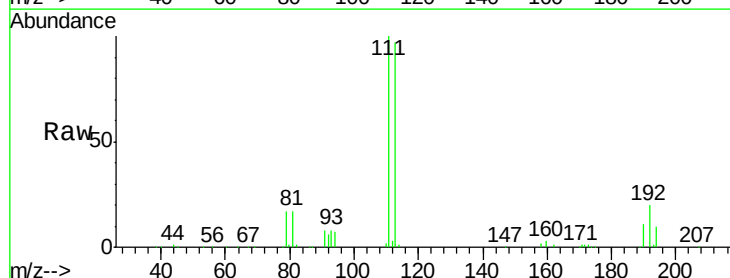
Tgt Ion:113 Resp: 124562

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

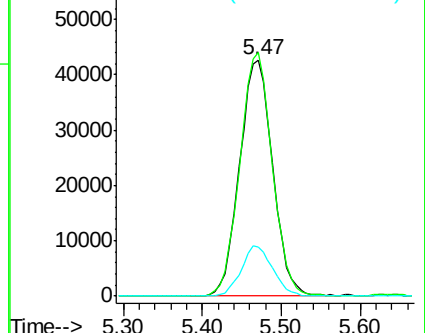
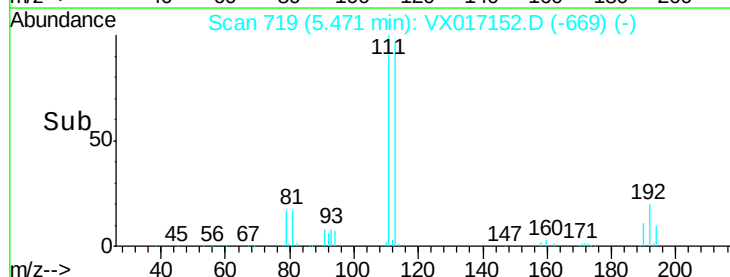
192 20.3 16.7 25.1

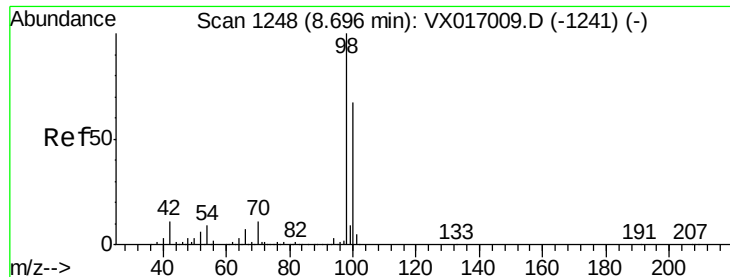


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.491 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017152.D

Acq: 02 Jul 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

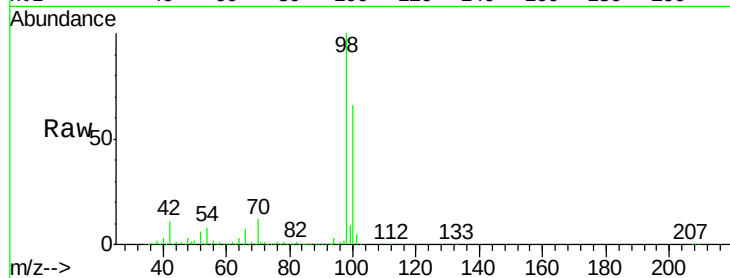
BP-MW180-SOIL-600-604

Tot Ion: 98 Resp: 451451

Ion Ratio Lower Upper

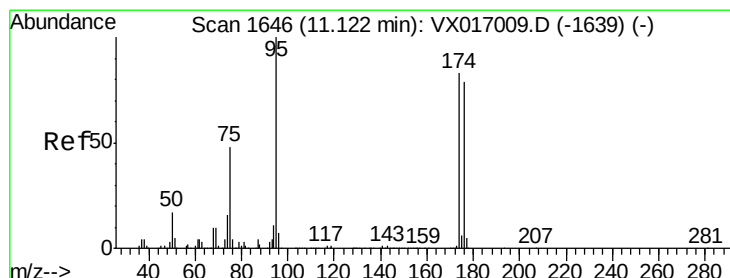
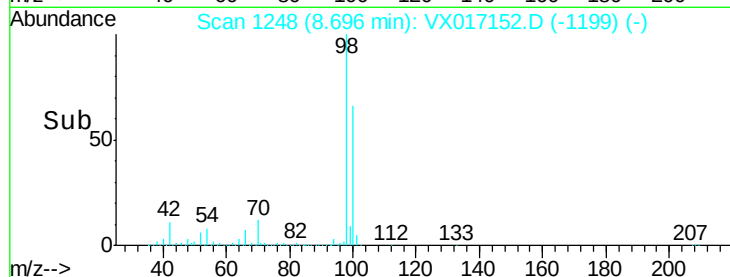
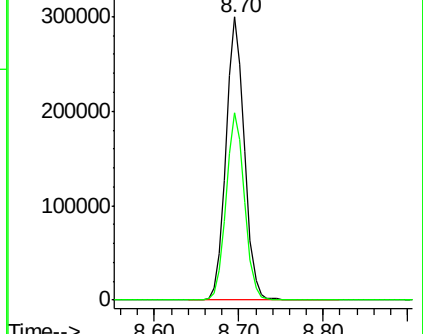
98 100

100 66.1 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: 55.755 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017152.D

Acq: 02 Jul 2020 16:40

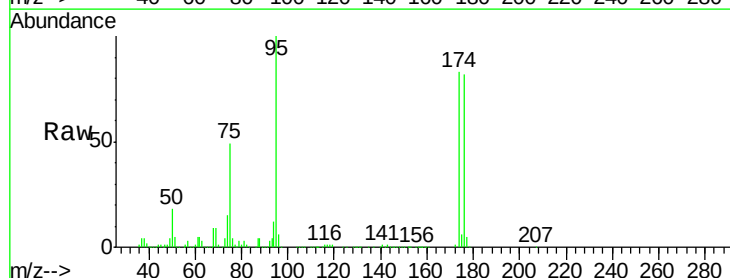
Tgt Ion: 95 Resp: 187450

Ion Ratio Lower Upper

95 100

174 84.2 0.0 164.0

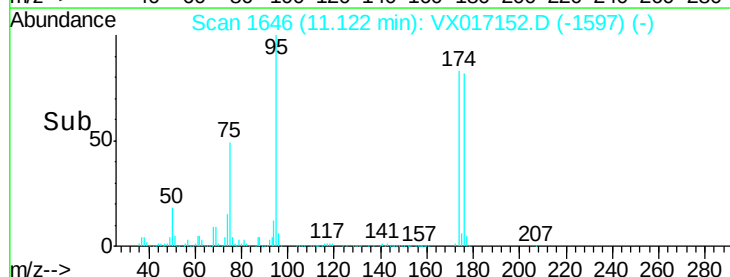
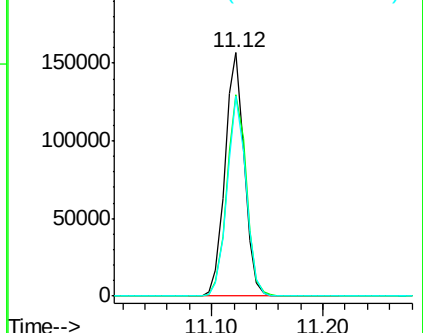
176 80.9 0.0 157.6

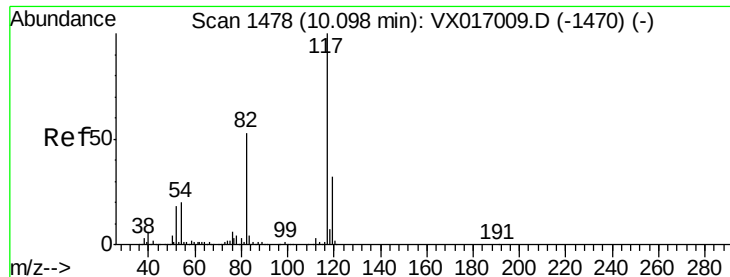


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

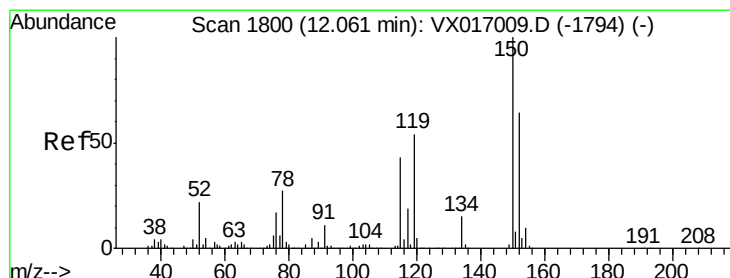
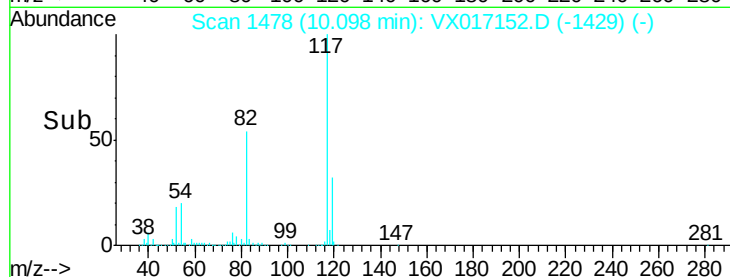
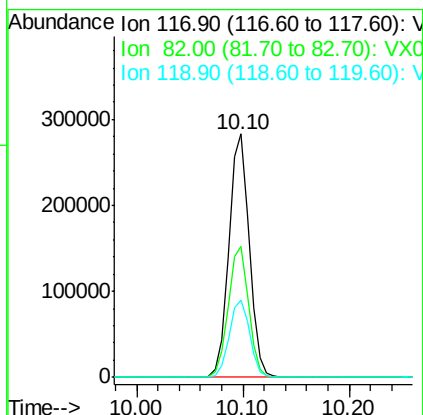
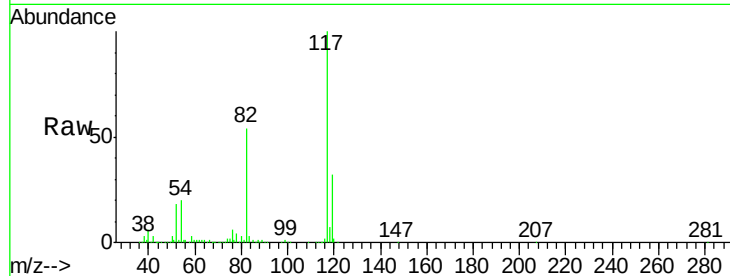




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017152.D
Acq: 02 Jul 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
BP-MW180-SOIL-600-604

Tot Ion:117 Resp: 378863
Ion Ratio Lower Upper
117 100
82 53.7 42.6 63.8
119 31.9 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: VX017152.D
Acq: 02 Jul 2020 16:40

Tgt Ion:152 Resp: 201006
Ion Ratio Lower Upper
152 100
115 57.3 40.9 122.7
150 157.6 0.0 351.6

