

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017155.D
 Acq On : 02 Jul 2020 17:48
 Operator : JC/SP
 Sample : L3192-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 03 01:59:16 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

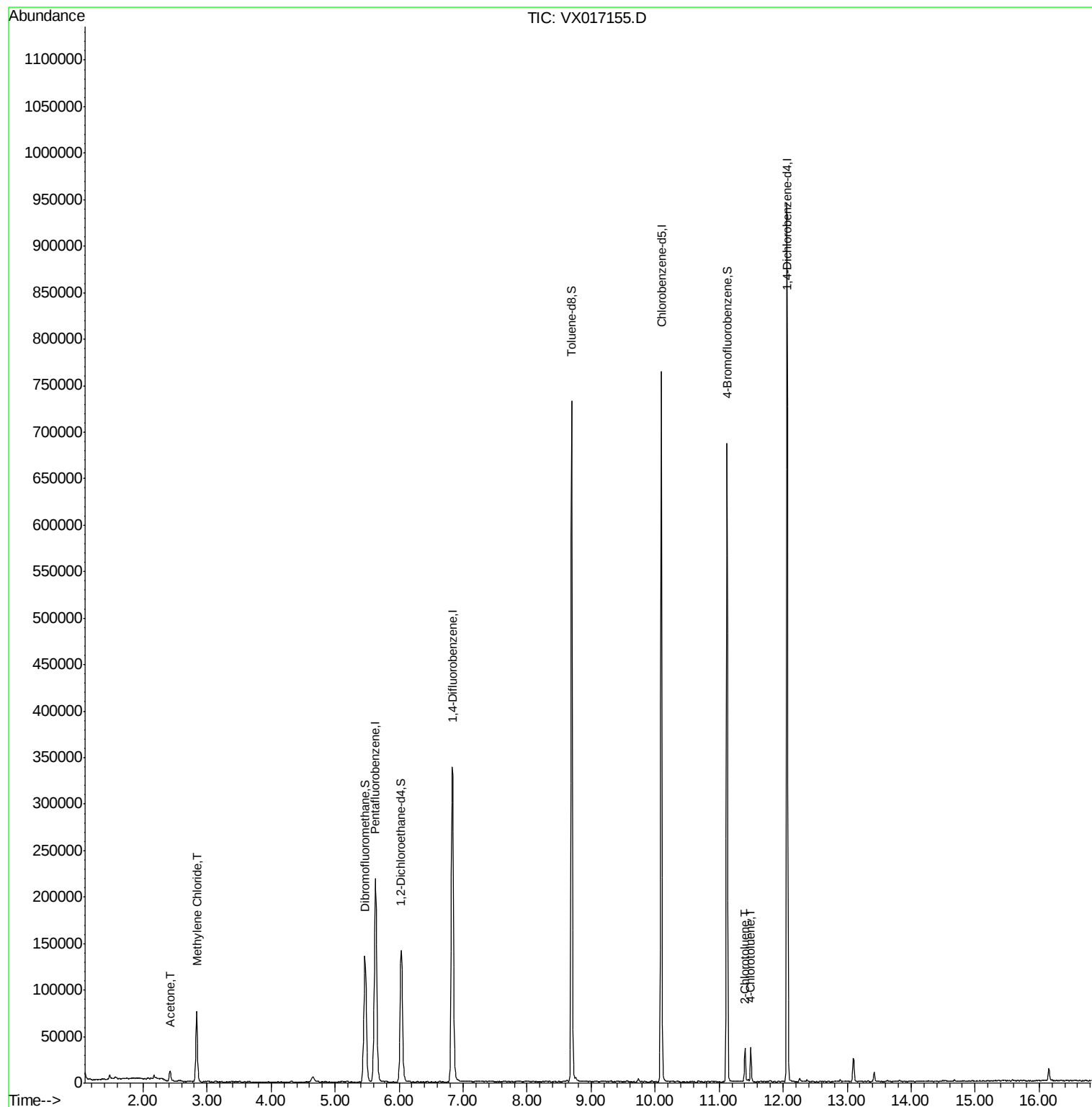
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	206015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	344462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	358619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	136471	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
35) Dibromofluoromethane	5.46	113	116198	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
50) Toluene-d8	8.70	98	422674	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	11.12	95	174382	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
Target Compounds						
16) Acetone	2.42	43	11746	12.363	ug/l	91
20) Methylene Chloride	2.84	84	33541	14.842	ug/l	94
79) 2-Chlorotoluene	11.40	91	15798	1.849	ug/l	99
82) 4-Chlorotoluene	11.49	91	16482	1.614	ug/l	94

(#) = 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# 745

Delta R.T. -0.01 min

Lab File: VX017155.D

Acq: 02 Jul 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

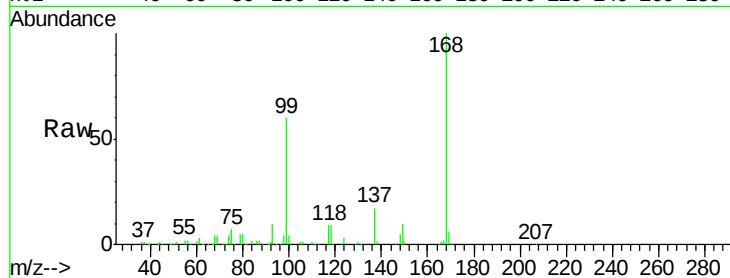
BP-MW180-SOIL-614-616

Tot Ion:168 Resp: 206015

Ion Ratio Lower Upper

168 100

99 60.0 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

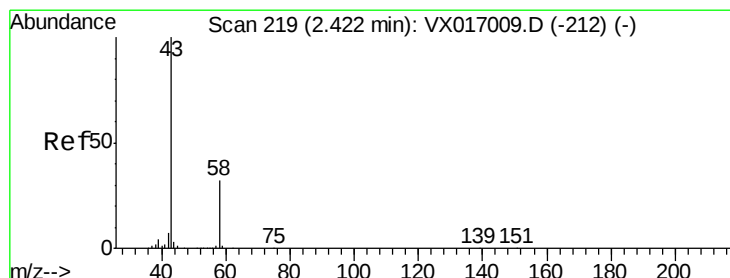
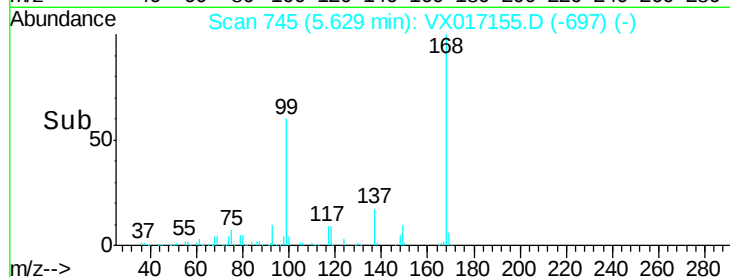
40000

20000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 12.363 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017155.D

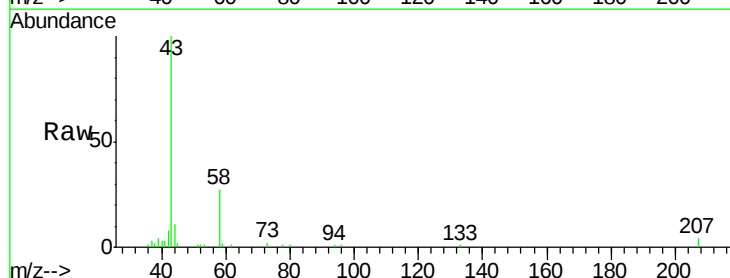
Acq: 02 Jul 2020 17:48

Tgt Ion: 43 Resp: 11746

Ion Ratio Lower Upper

43 100

58 26.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

8000

6000

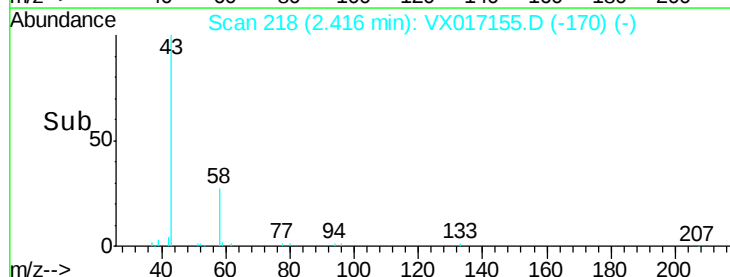
4000

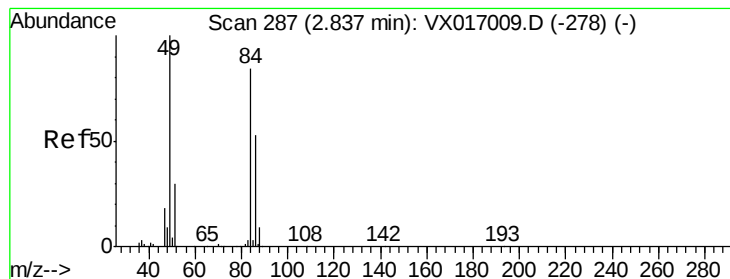
2000

0

Time-->

2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 14.842 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017155.D

Acq: 02 Jul 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

BP-MW180-SOIL-614-616

Tot Ion: 84 Resp: 33541

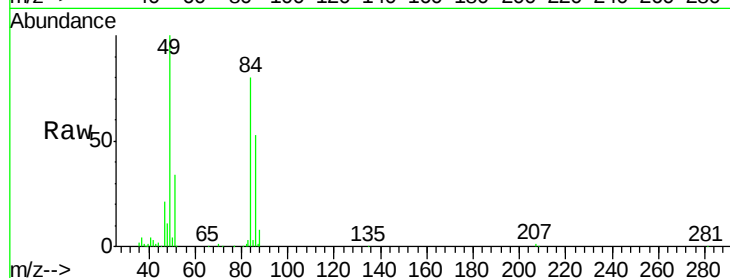
Ion Ratio Lower Upper

84 100

49 124.4 94.7 142.1

51 42.8 28.6 42.8

86 66.3 50.5 75.7

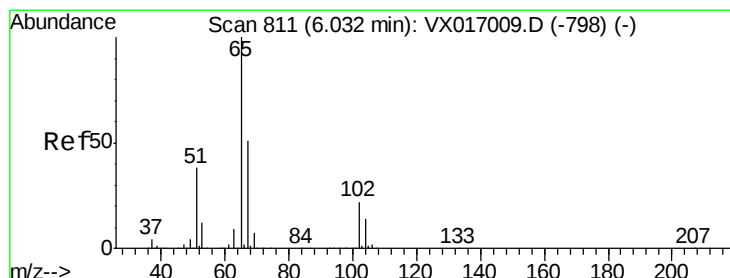
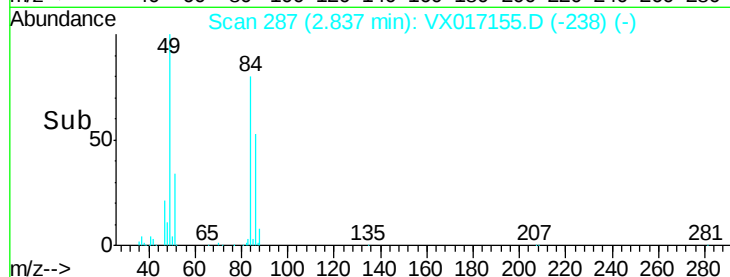
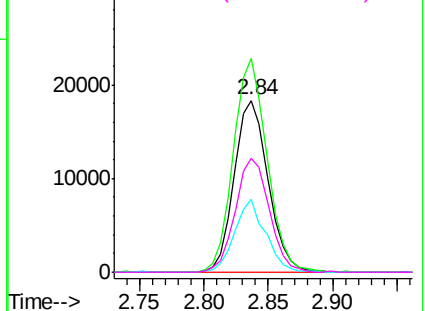


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.734 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017155.D

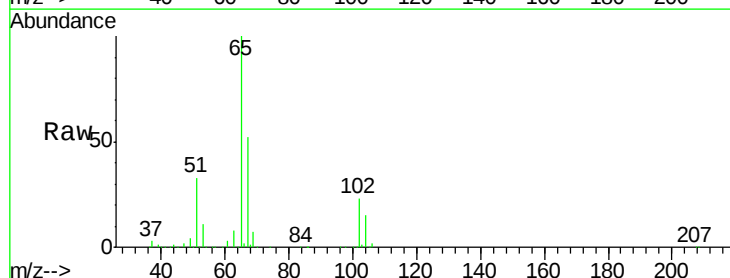
Acq: 02 Jul 2020 17:48

Tgt Ion: 65 Resp: 136471

Ion Ratio Lower Upper

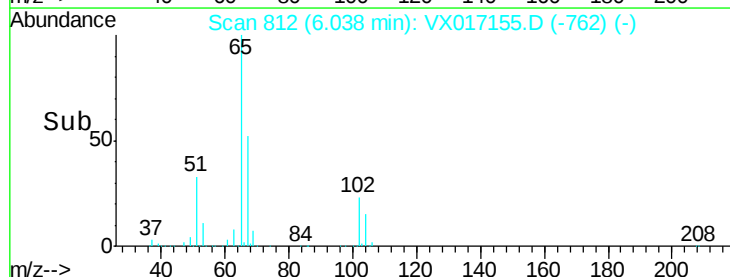
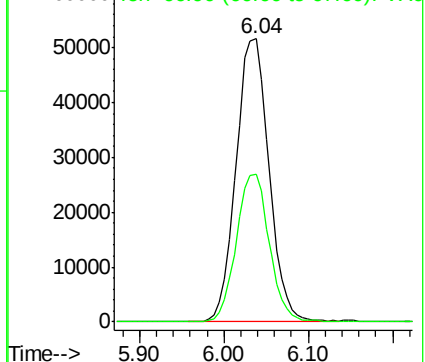
65 100

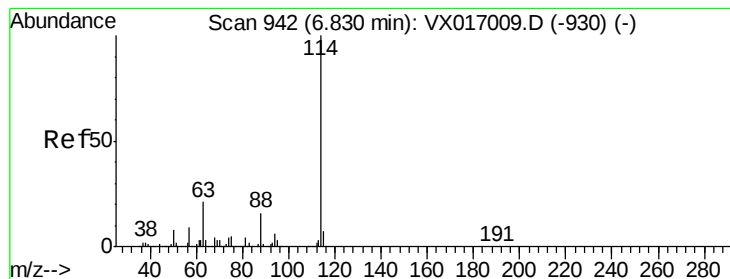
67 52.0 0.0 103.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017155.D

Acq: 02 Jul 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

BP-MW180-SOIL-614-616

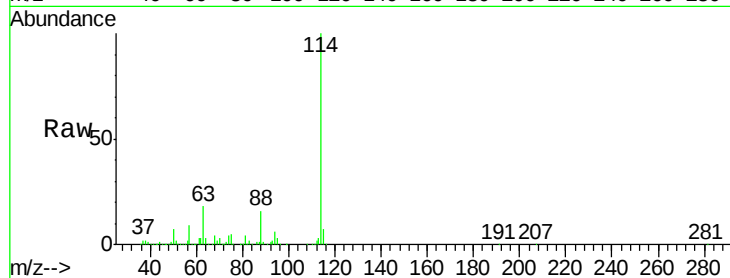
Tot Ion:114 Resp: 344462

Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.4

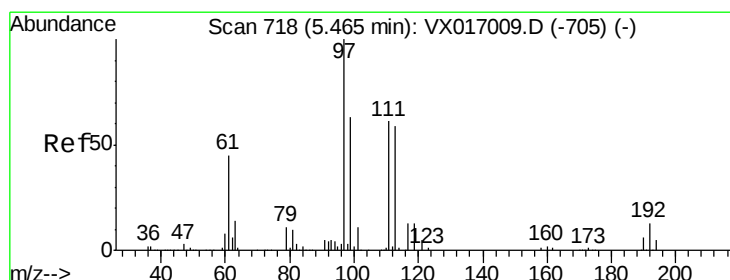
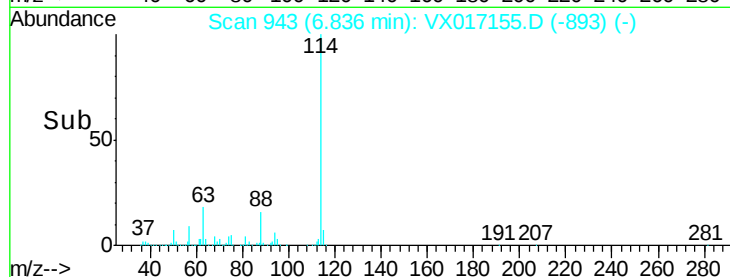
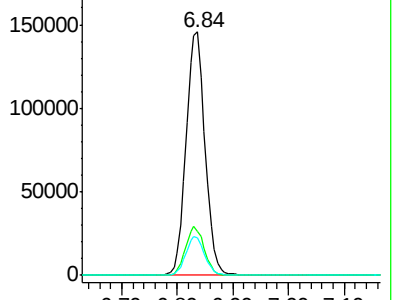
88 15.6 0.0 32.4



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: 53.327 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017155.D

Acq: 02 Jul 2020 17:48

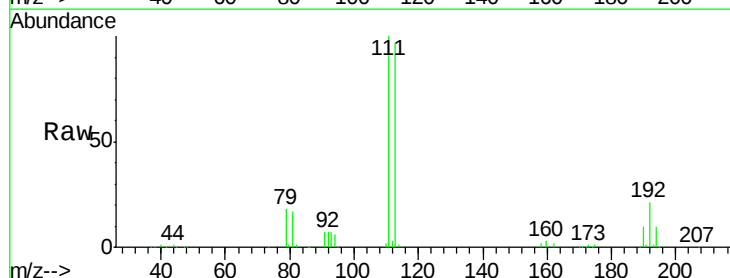
Tgt Ion:113 Resp: 116198

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

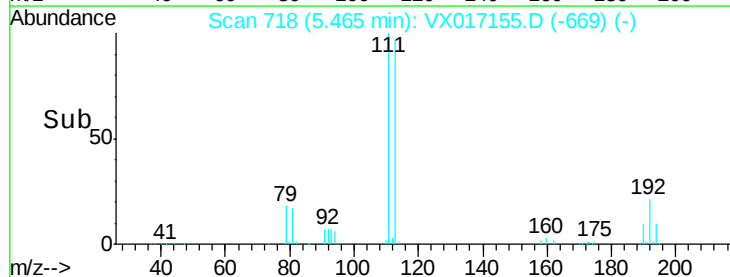
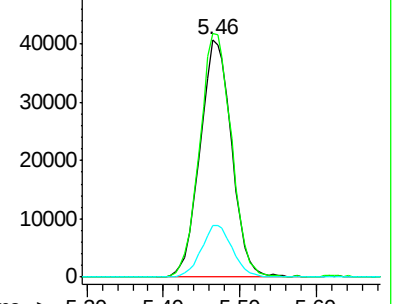
192 21.4 16.7 25.1

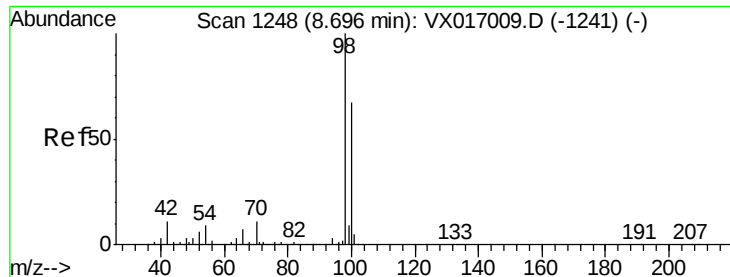


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.458 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017155.D

Acq: 02 Jul 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

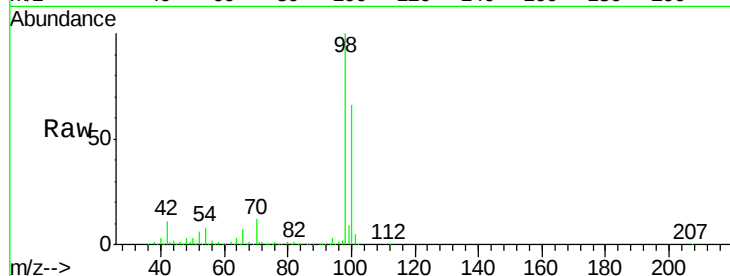
BP-MW180-SOIL-614-616

Tot Ion: 98 Resp: 422674

Ion Ratio Lower Upper

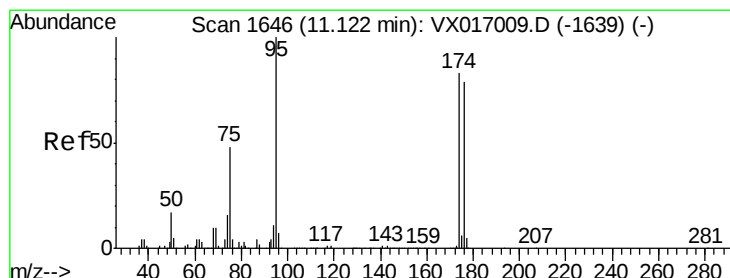
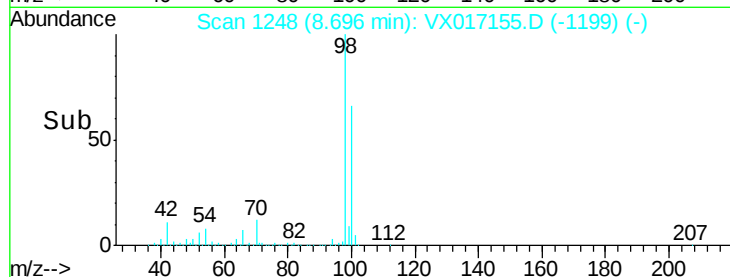
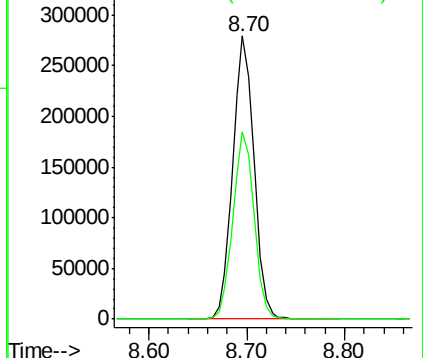
98 100

100 65.9 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: 55.364 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017155.D

Acq: 02 Jul 2020 17:48

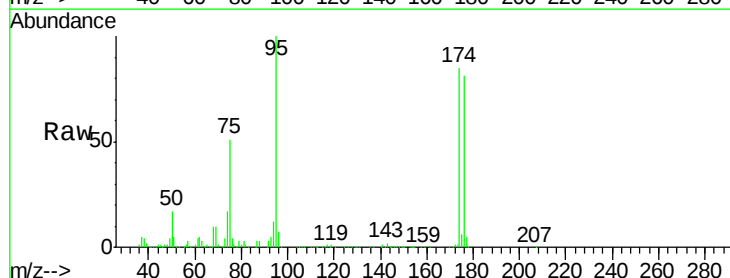
Tgt Ion: 95 Resp: 174382

Ion Ratio Lower Upper

95 100

174 85.0 0.0 164.0

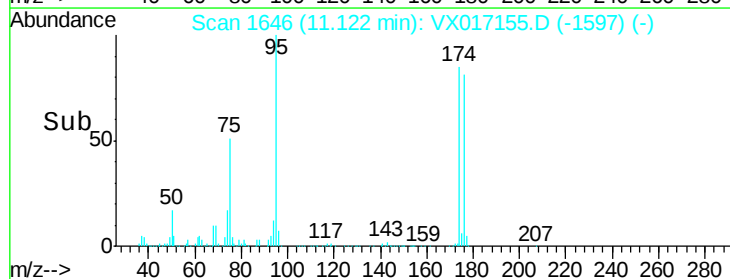
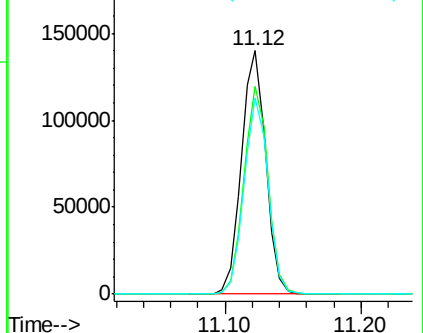
176 79.8 0.0 157.6

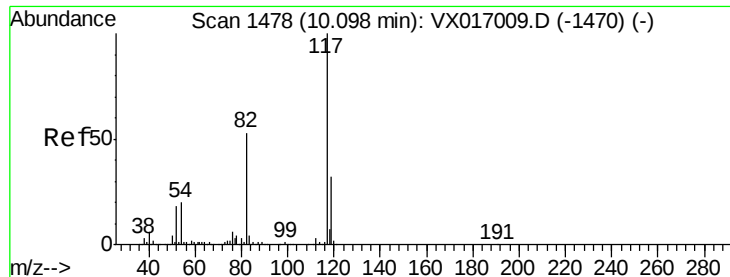


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

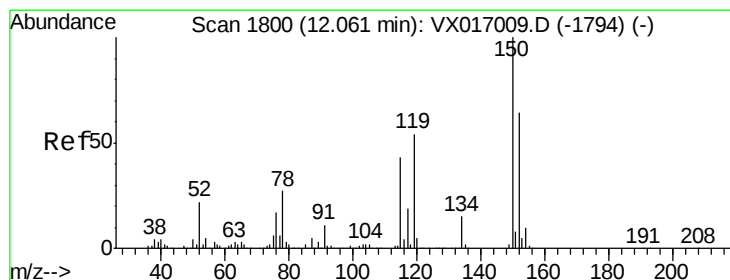
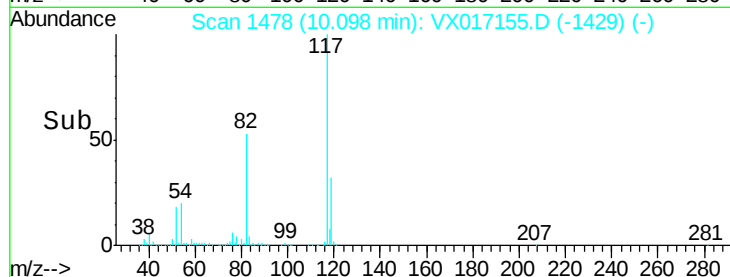
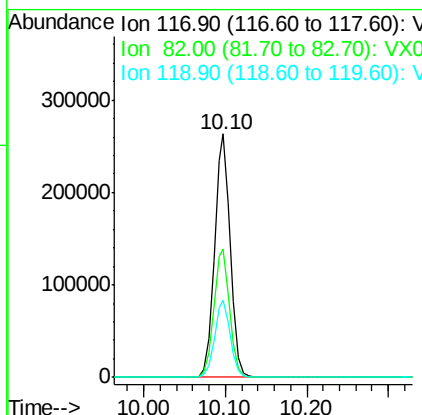
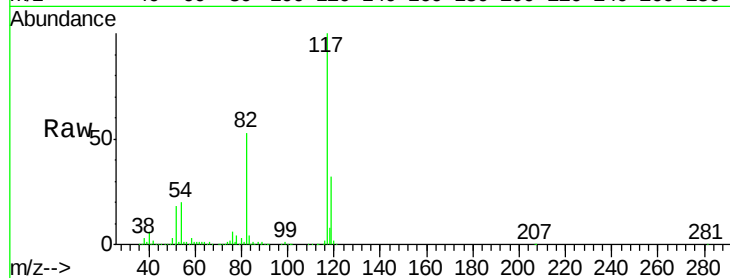




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017155.D
Acq: 02 Jul 2020 17:48

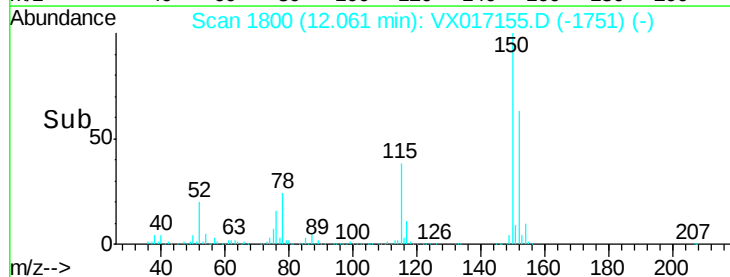
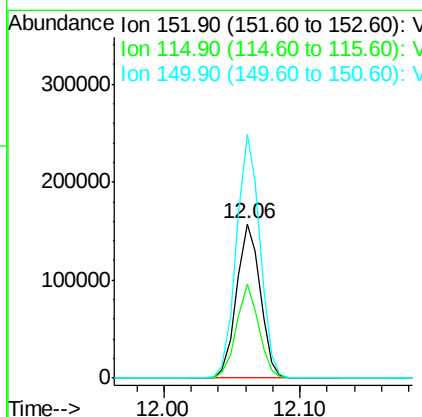
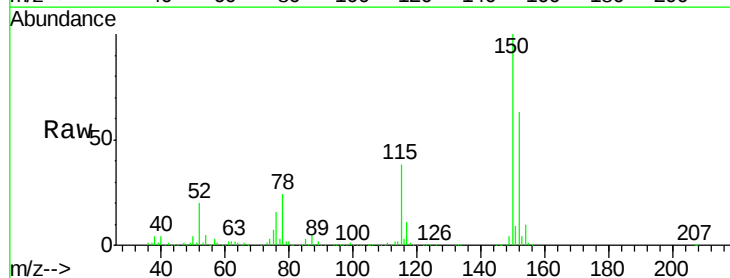
Instrument :
MSVOA_X
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BP-MW180-SOIL-614-616

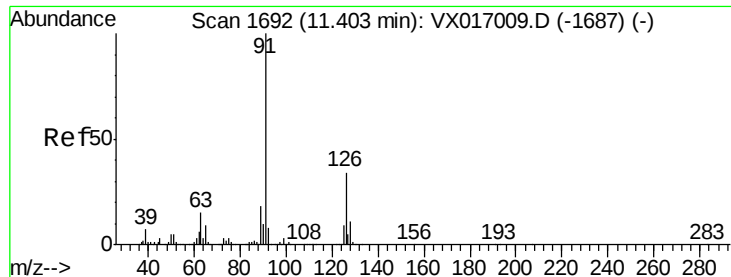
Tot Ion:117 Resp: 358619
Ion Ratio Lower Upper
117 100
82 52.7 42.6 63.8
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017155.D
Acq: 02 Jul 2020 17:48

Tgt Ion:152 Resp: 190561
Ion Ratio Lower Upper
152 100
115 57.0 40.9 122.7
150 156.5 0.0 351.6





#79

2-Chlorotoluene

Concen: 1.849 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017155.D

Acq: 02 Jul 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

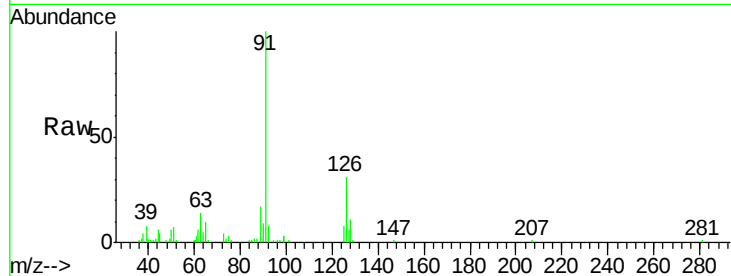
BP-MW180-SOIL-614-616

Tot Ion: 91 Resp: 15798

Ion Ratio Lower Upper

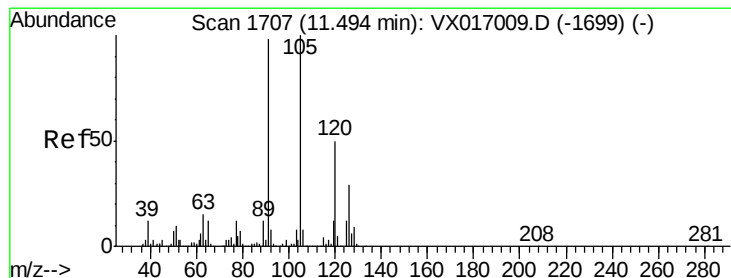
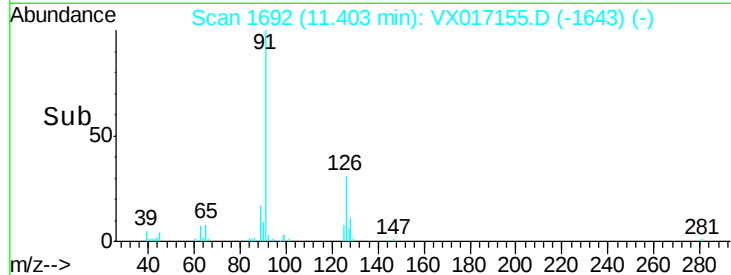
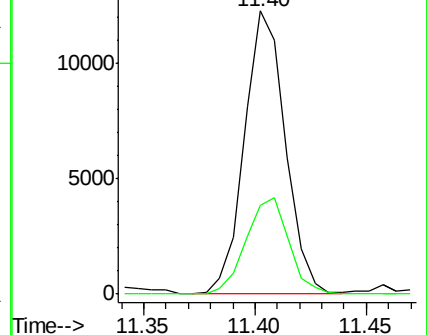
91 100

126 35.3 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#82

4-Chlorotoluene

Concen: 1.614 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017155.D

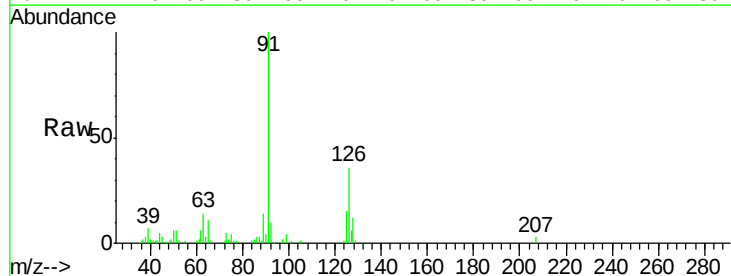
Acq: 02 Jul 2020 17:48

Tgt Ion: 91 Resp: 16482

Ion Ratio Lower Upper

91 100

126 33.6 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

