

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017154.D
 Acq On : 02 Jul 2020 17:26
 Operator : JC/SP
 Sample : L3192-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jul 03 01:57:05 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

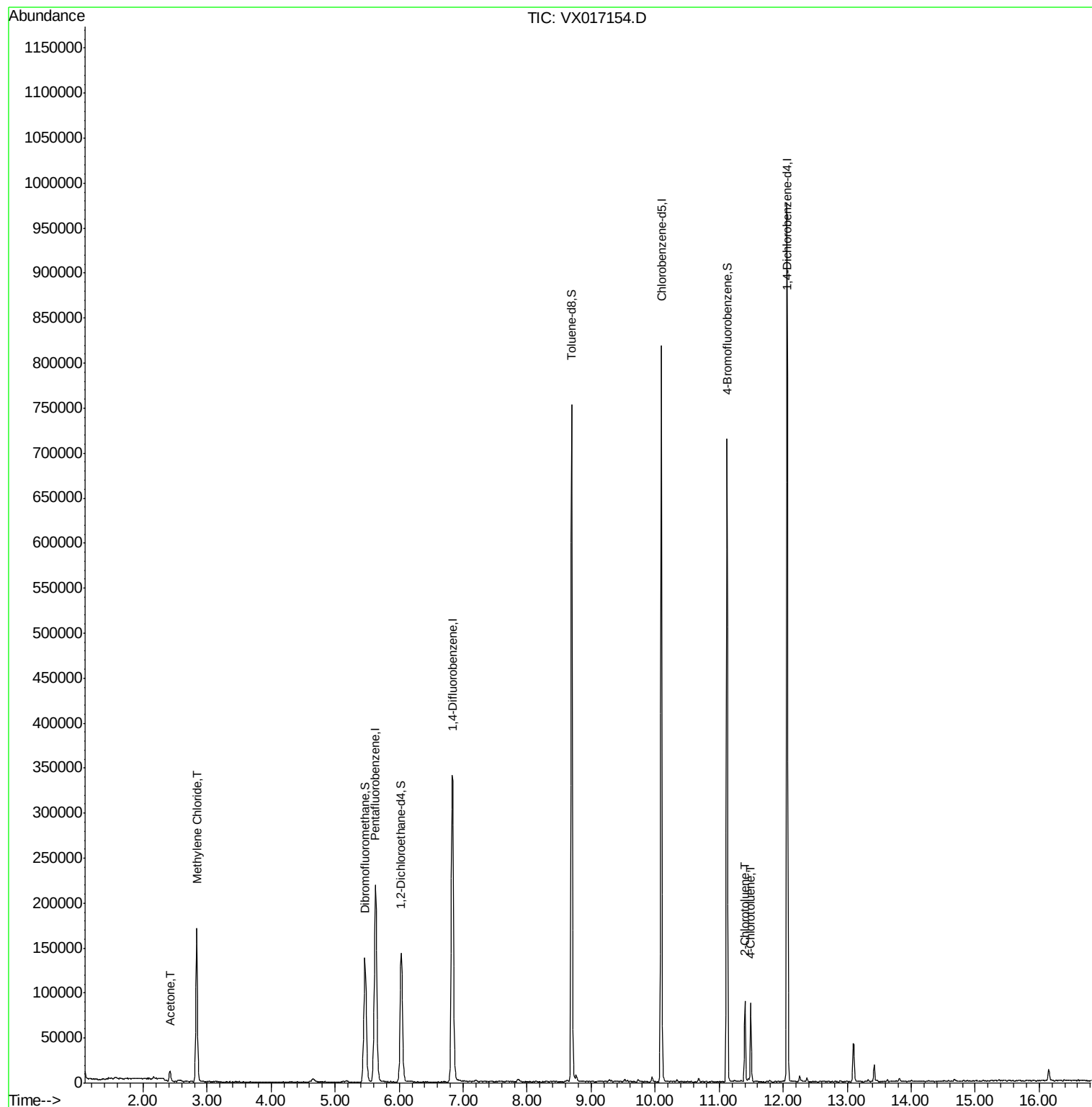
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	210846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	354901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	372046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	138751	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	5.47	113	119615	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
50) Toluene-d8	8.70	98	432858	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	11.12	95	181510	55.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.86%	
Target Compounds						
16) Acetone	2.42	43	12157	12.502	ug/l #	88
20) Methylene Chloride	2.84	84	76447	34.030	ug/l	96
79) 2-Chlorotoluene	11.40	91	39638	4.504	ug/l	99
82) 4-Chlorotoluene	11.49	91	37373	3.552	ug/l	90

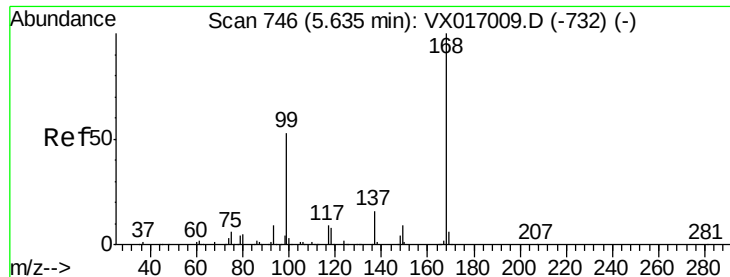
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017154.D

Acq: 02 Jul 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

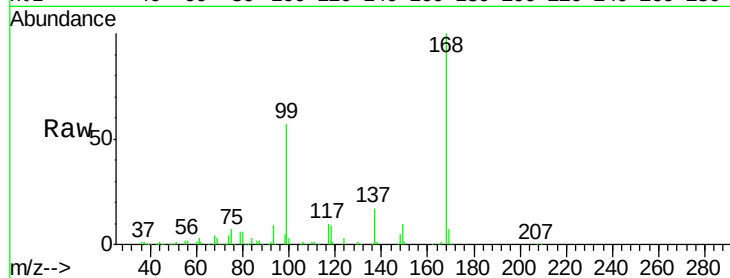
BP-MW180-SOIL-610-614

Tot Ion:168 Resp: 210846

Ion Ratio Lower Upper

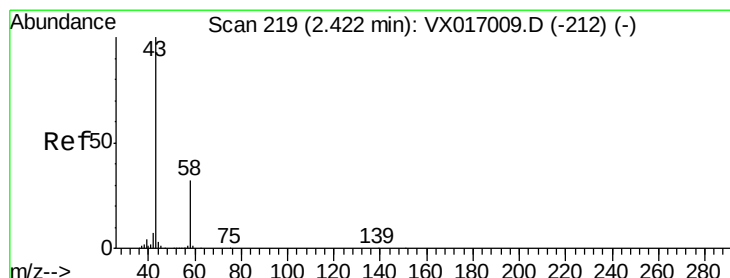
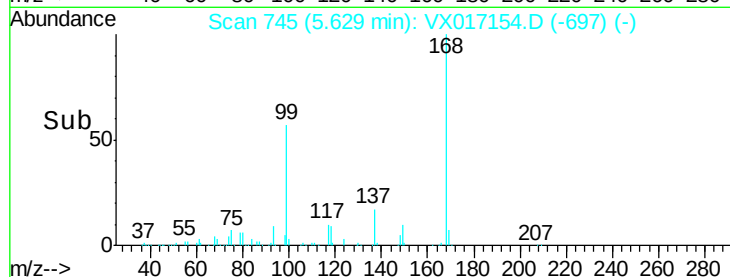
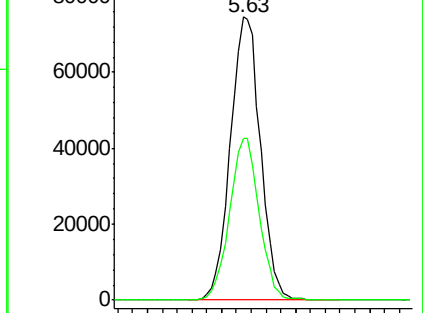
168 100

99 57.1 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: 12.502 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017154.D

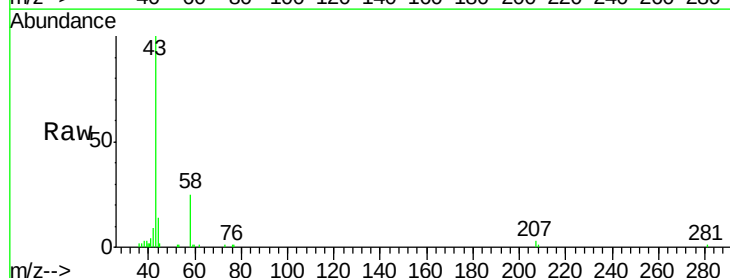
Acq: 02 Jul 2020 17:26

Tgt Ion: 43 Resp: 12157

Ion Ratio Lower Upper

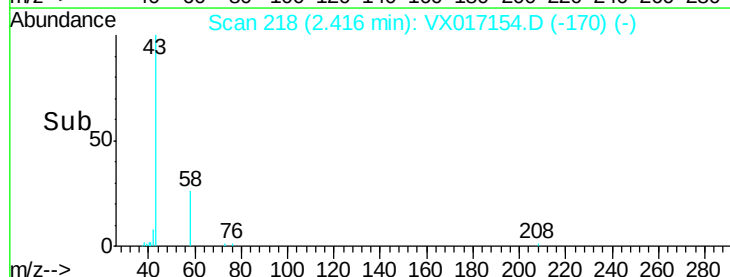
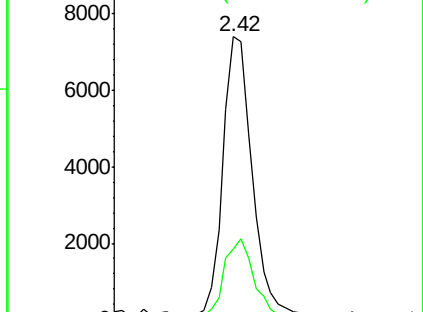
43 100

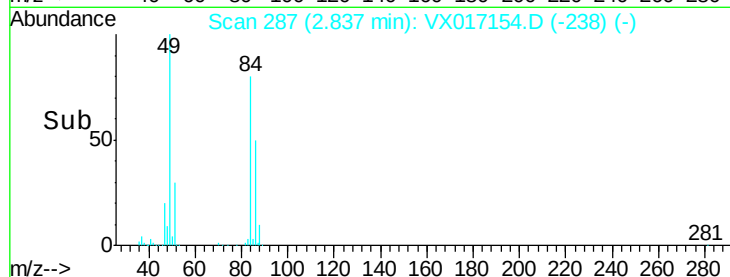
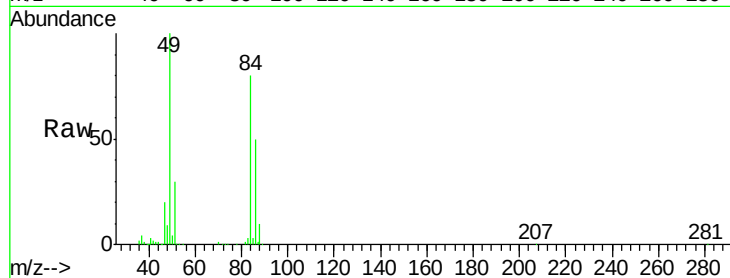
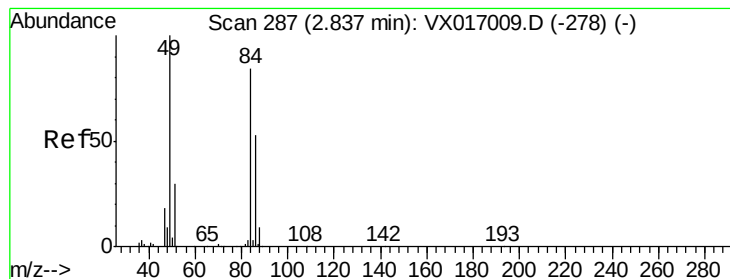
58 25.4 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 34.030 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017154.D

Acq: 02 Jul 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

BP-MW180-SOIL-610-614

Tot Ion: 84 Resp: 76447

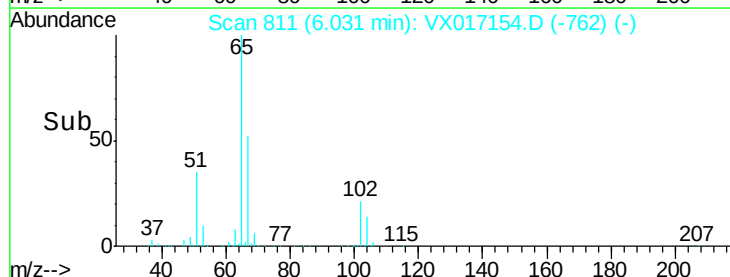
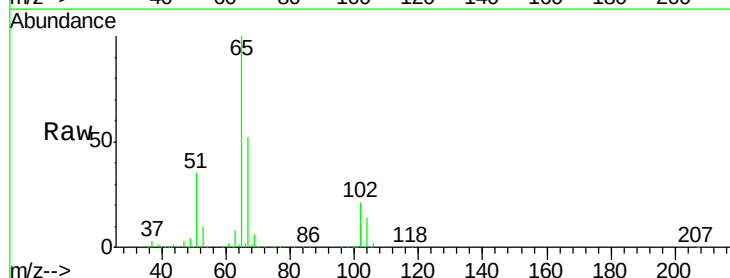
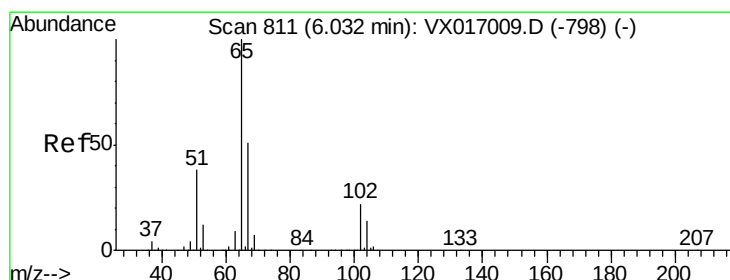
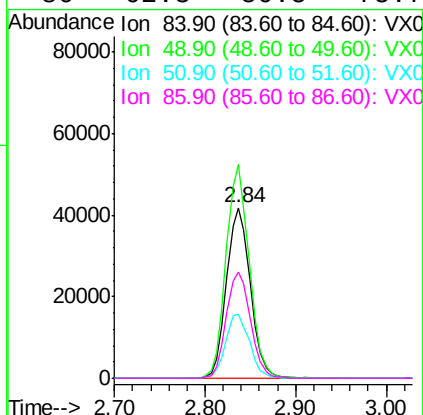
Ion Ratio Lower Upper

84 100

49 125.3 94.7 142.1

51 37.5 28.6 42.8

86 62.3 50.5 75.7



#33

1,2-Dichloroethane-d4

Concen: 53.380 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017154.D

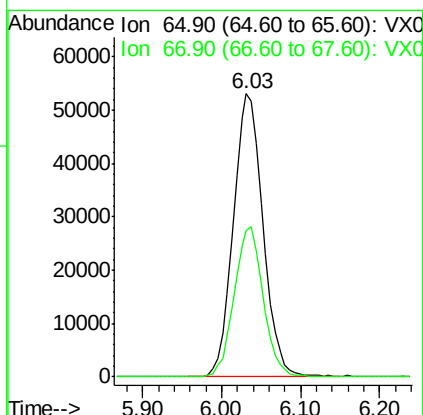
Acq: 02 Jul 2020 17:26

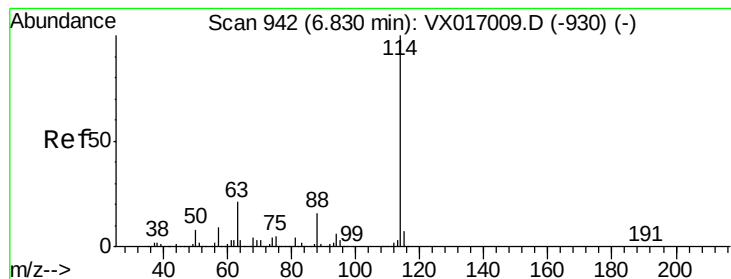
Tgt Ion: 65 Resp: 138751

Ion Ratio Lower Upper

65 100

67 51.7 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: VX017154.D

Acq: 02 Jul 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

BP-MW180-SOIL-610-614

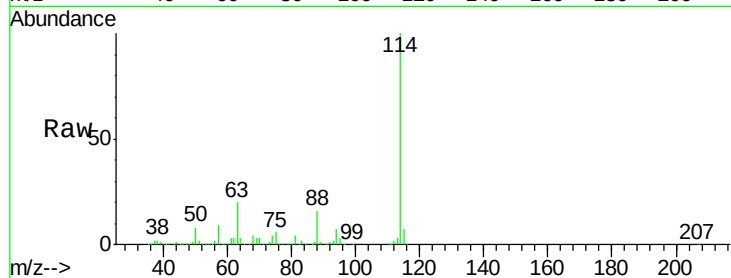
Tot Ion:114 Resp: 354901

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

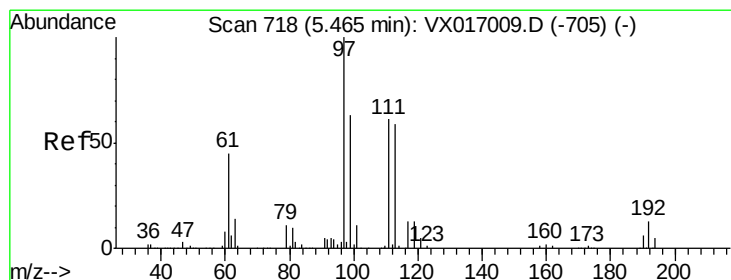
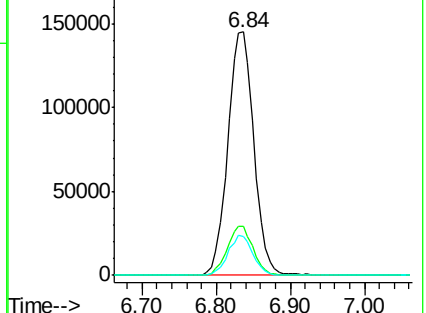
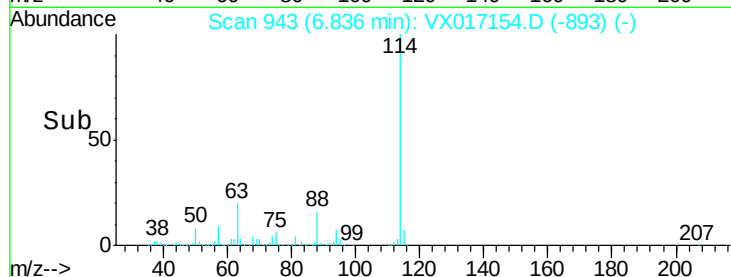
88 15.8 0.0 32.4



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: 53.281 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017154.D

Acq: 02 Jul 2020 17:26

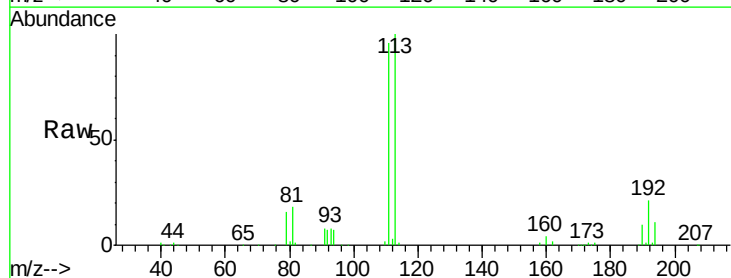
Tgt Ion:113 Resp: 119615

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

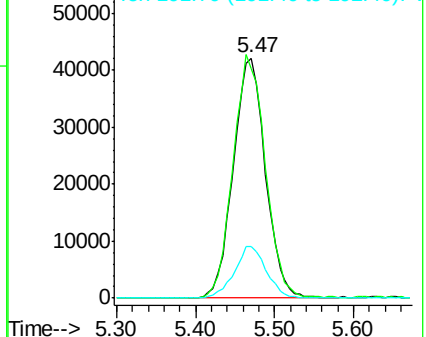
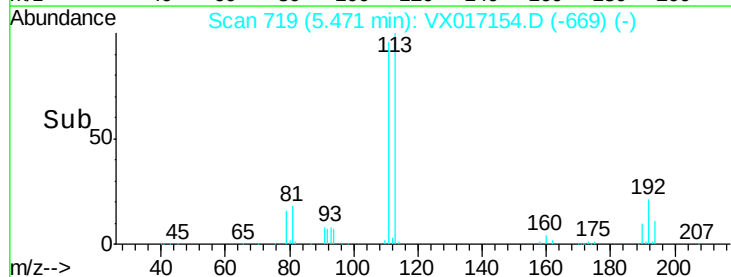
192 21.3 16.7 25.1

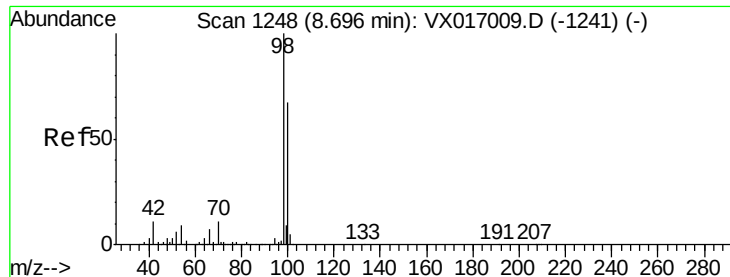


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.142 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017154.D

Acq: 02 Jul 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

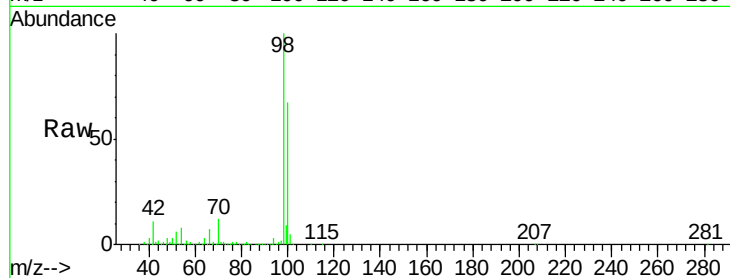
BP-MW180-SOIL-610-614

Tot Ion: 98 Resp: 432858

Ion Ratio Lower Upper

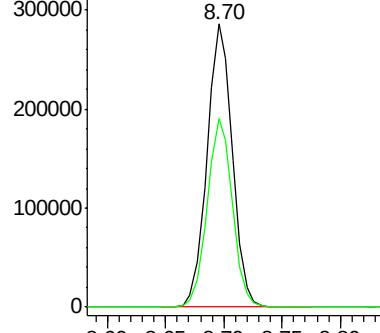
98 100

100 66.5 53.8 80.6

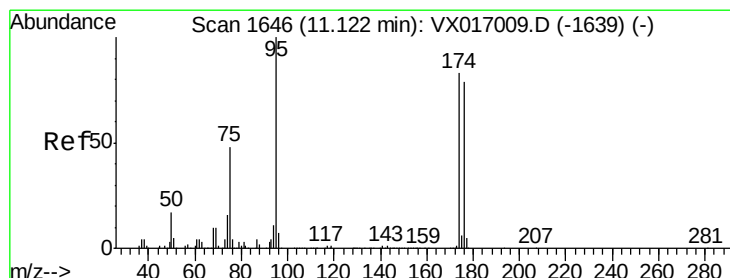
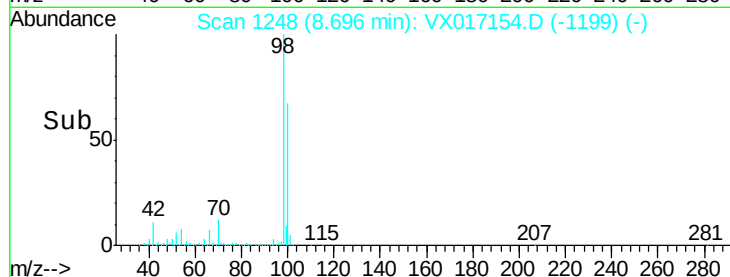


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time--> 8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 55.932 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017154.D

Acq: 02 Jul 2020 17:26

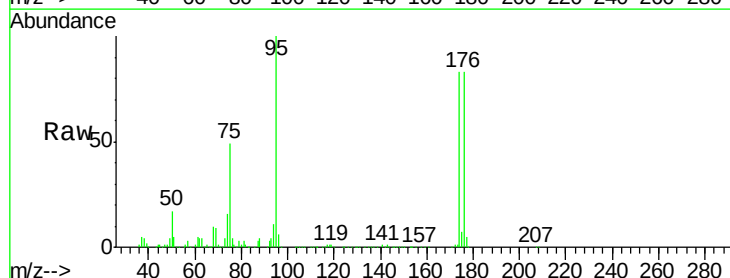
Tgt Ion: 95 Resp: 181510

Ion Ratio Lower Upper

95 100

174 84.6 0.0 164.0

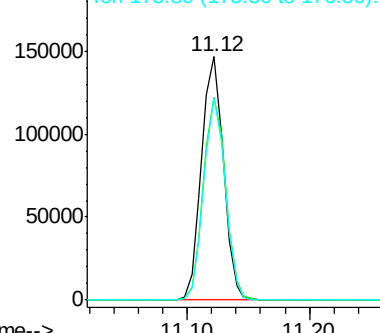
176 81.7 0.0 157.6



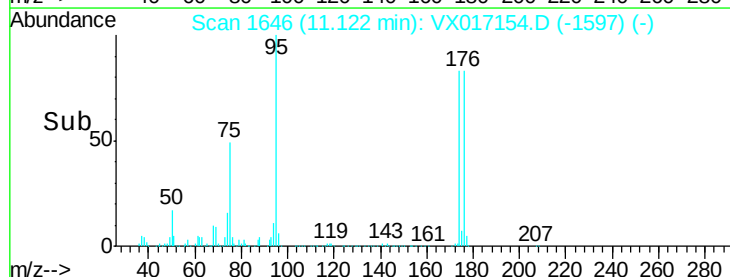
Abundance Ion 94.90 (94.60 to 95.60): VX0

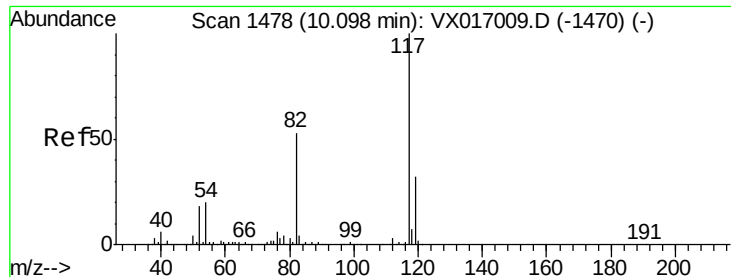
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 11.10 11.20

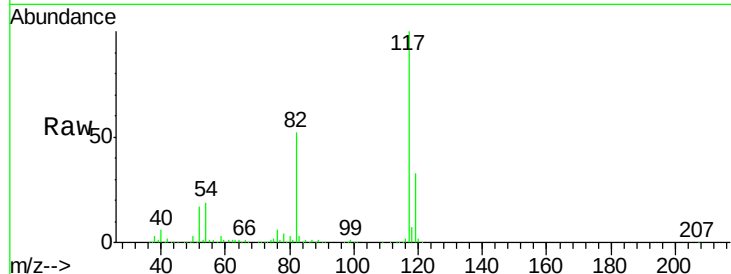




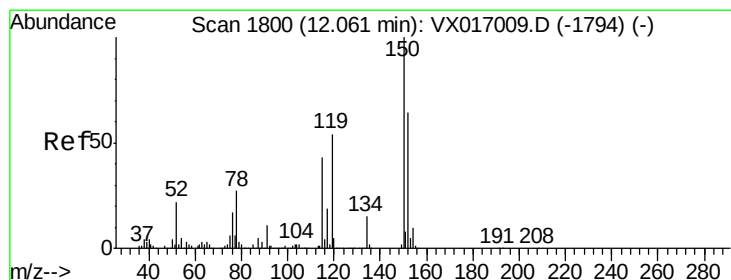
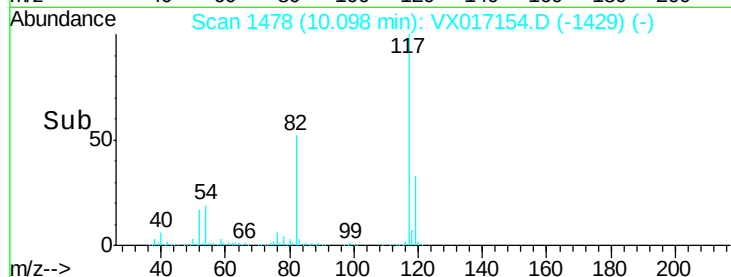
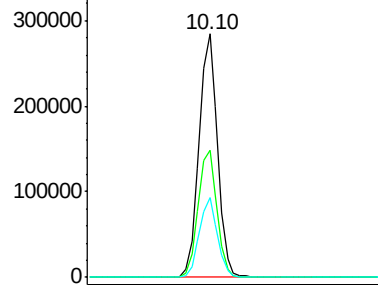
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017154.D
Acq: 02 Jul 2020 17:26

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.6	63.8
119	32.6	25.4	38.2

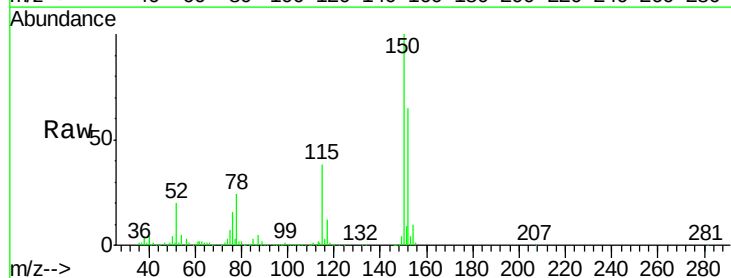


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

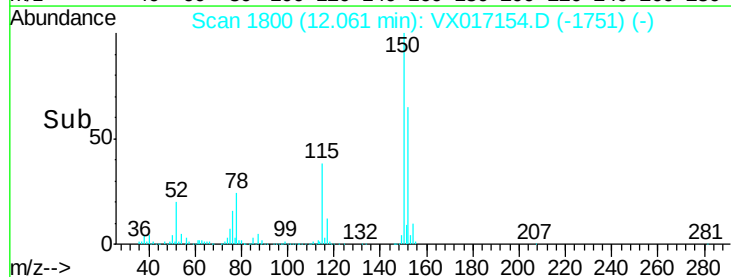
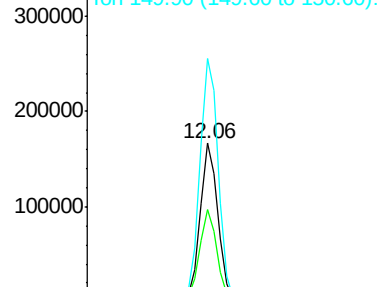


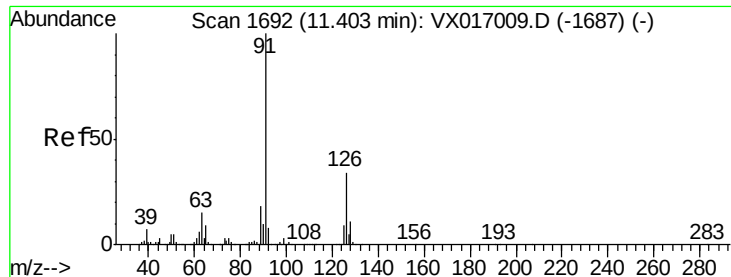
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017154.D
Acq: 02 Jul 2020 17:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	40.9	122.7
150	158.7	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





#79

2-Chlorotoluene

Concen: 4.504 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017154.D

Acq: 02 Jul 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

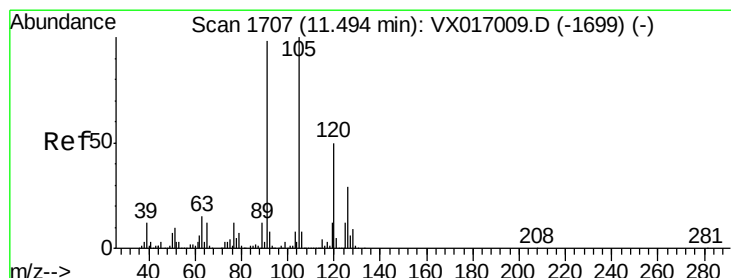
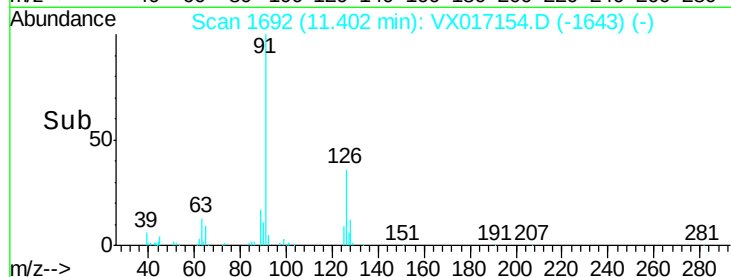
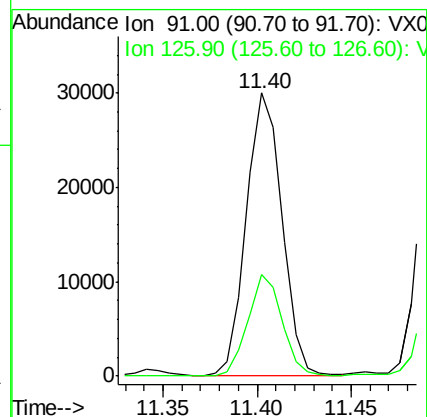
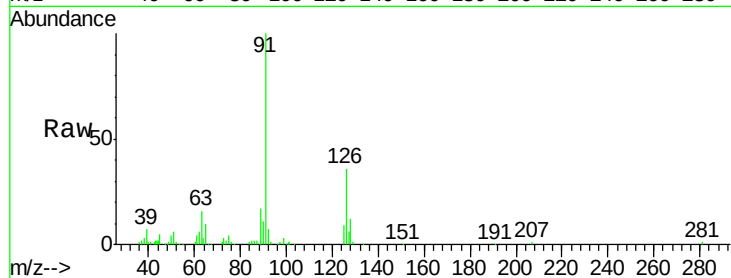
BP-MW180-SOIL-610-614

Tot Ion: 91 Resp: 39638

Ion Ratio Lower Upper

91 100

126 34.2 17.4 52.3



#82

4-Chlorotoluene

Concen: 3.552 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017154.D

Acq: 02 Jul 2020 17:26

Tgt Ion: 91 Resp: 37373

Ion Ratio Lower Upper

91 100

126 35.9 15.2 45.5

