

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062467.D
 Acq On : 9 Jul 2020 20:14
 Operator : JC/MD
 Sample : L3192-11RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-610-614RE

Quant Time: Jul 10 02:02:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

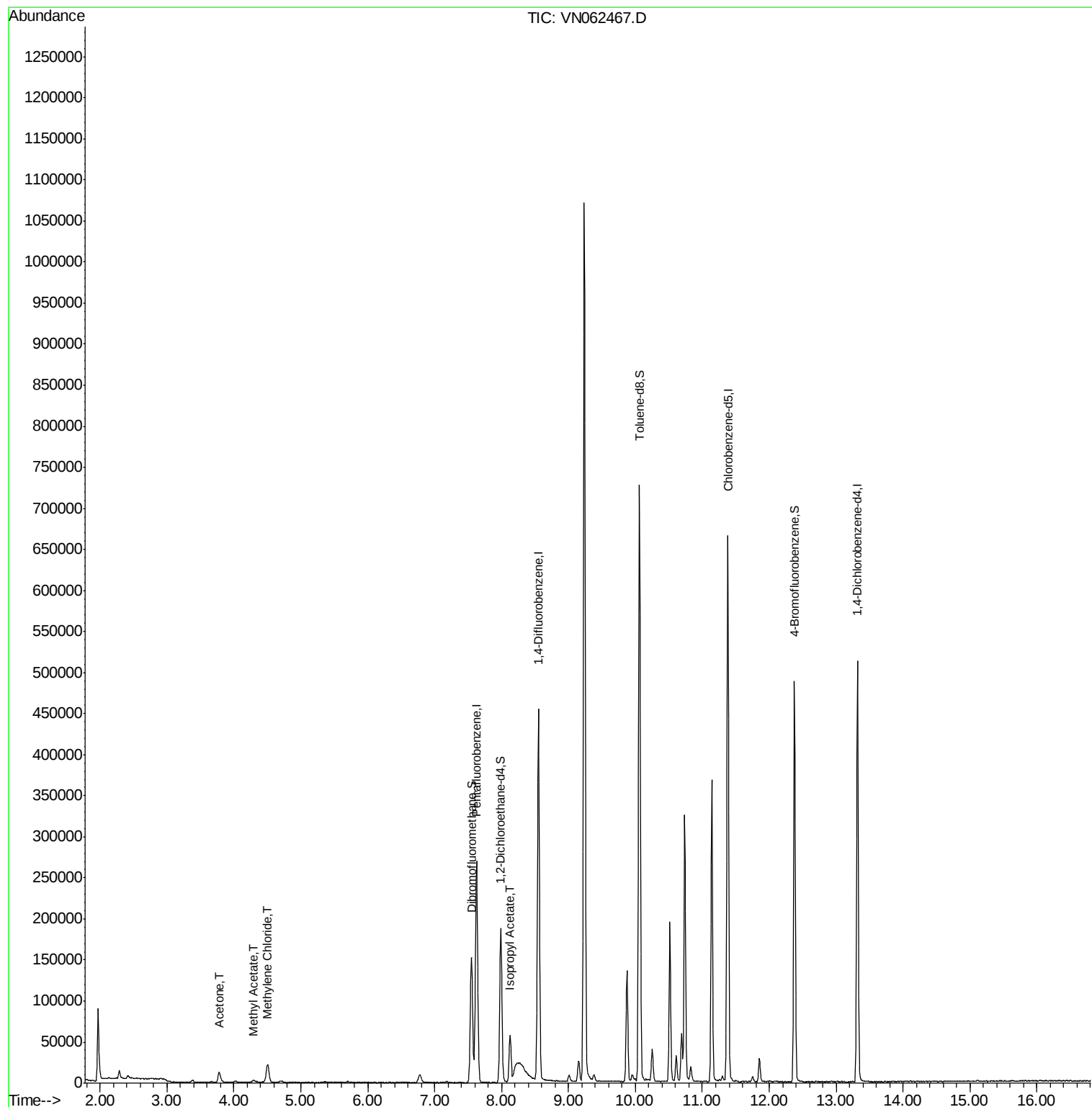
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	208975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	382990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	361303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	159884	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
35) Dibromofluoromethane	7.55	113	117971	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
50) Toluene-d8	10.06	98	491285	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.38	95	175856	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
Target Compounds						
16) Acetone	3.78	43	21985	16.110	ug/l	99
18) Methyl Acetate	4.28	43	5306	1.558	ug/l #	85
20) Methylene Chloride	4.50	84	15839	5.428	ug/l	90
43) Isopropyl Acetate	8.13	43	70441	9.883	ug/l #	92

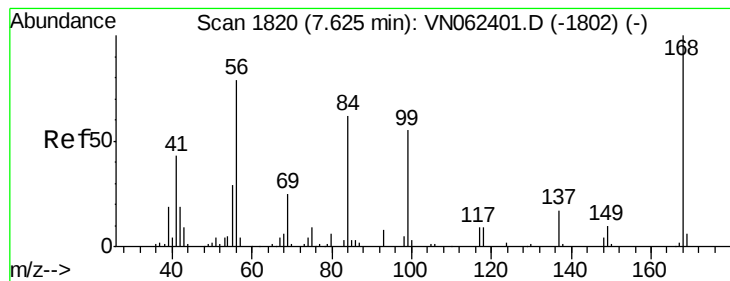
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062467.D

Acq: 9 Jul 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

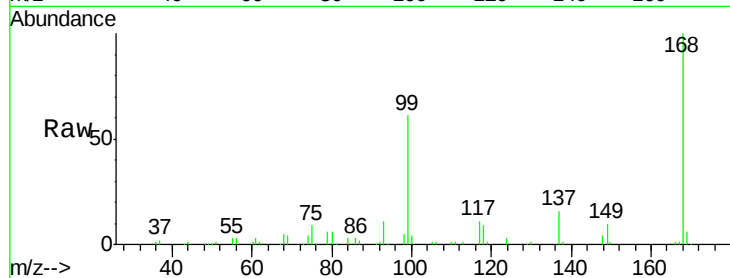
BP-MW180-SOIL-610-614RE

Tot Ion:168 Resp: 208975

Ion Ratio Lower Upper

168 100

99 61.1 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

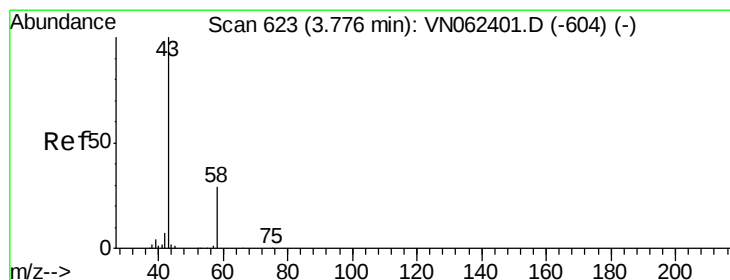
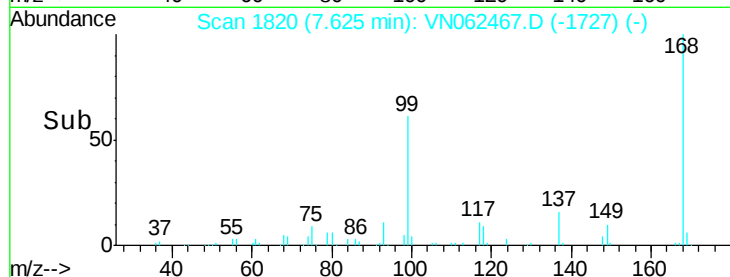
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 16.110 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062467.D

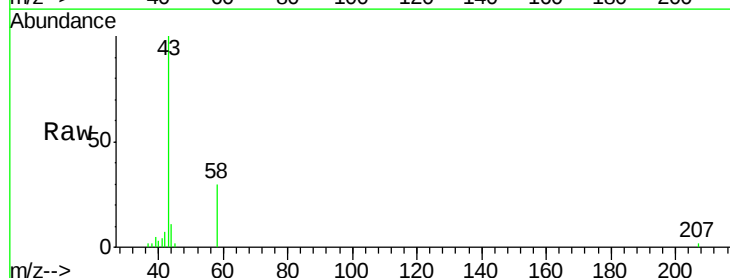
Acq: 9 Jul 2020 20:14

Tgt Ion: 43 Resp: 21985

Ion Ratio Lower Upper

43 100

58 30.1 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

8000

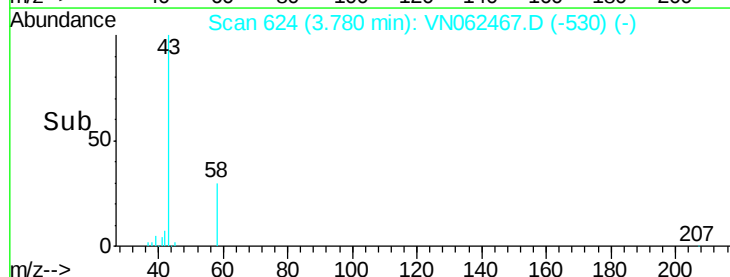
6000

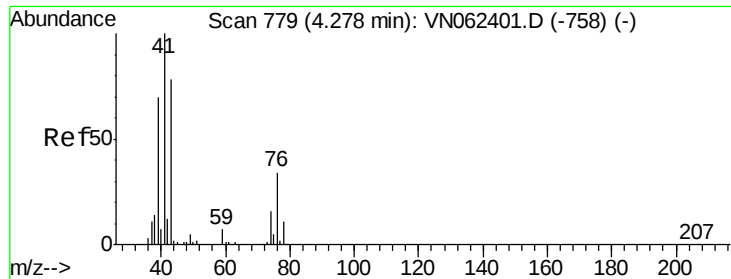
4000

2000

0

Time--> 3.70 3.80 3.90

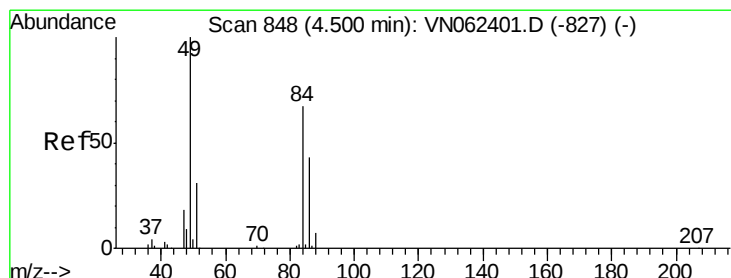
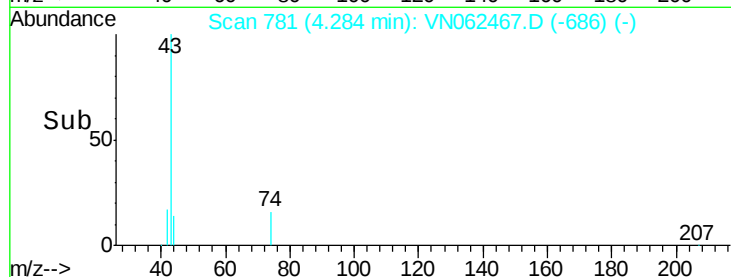
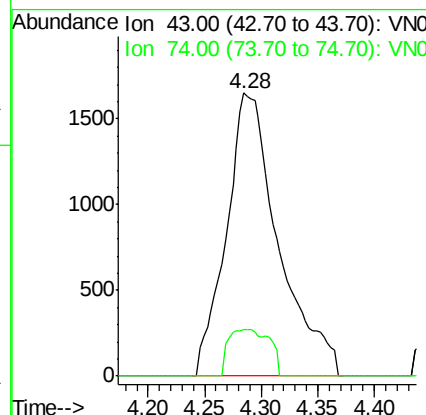
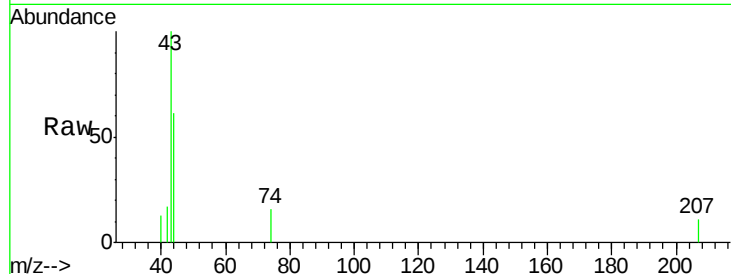




#18
Methvl Acetate
Concen: 1.558 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062467.D
Acq: 9 Jul 2020 20:14

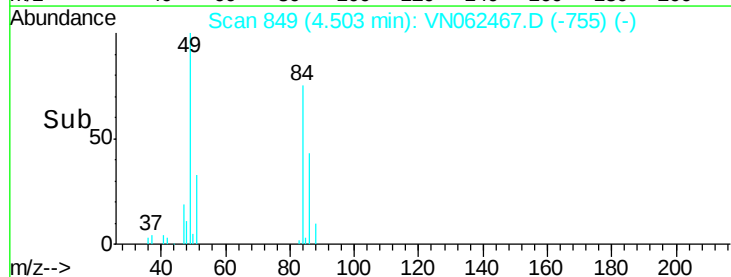
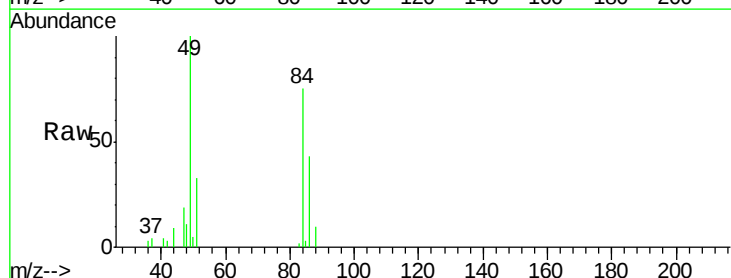
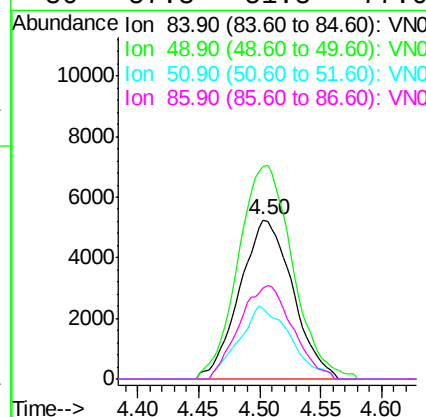
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-610-614RE

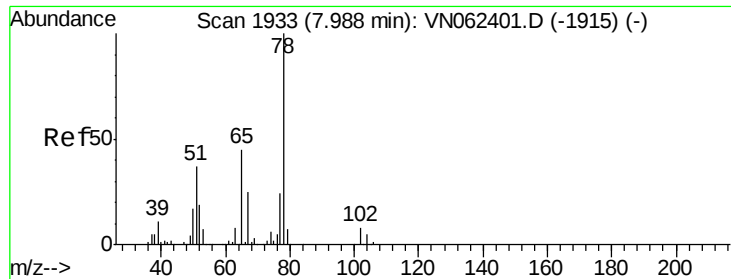
Tot Ion: 43 Resp: 5306
Ion Ratio Lower Upper
43 100
74 12.9 16.0 24.0#



#20
Methylene Chloride
Concen: 5.428 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062467.D
Acq: 9 Jul 2020 20:14

Tgt Ion: 84 Resp: 15839
Ion Ratio Lower Upper
84 100
49 133.6 120.0 180.0
51 44.2 37.0 55.6
86 57.3 51.8 77.6

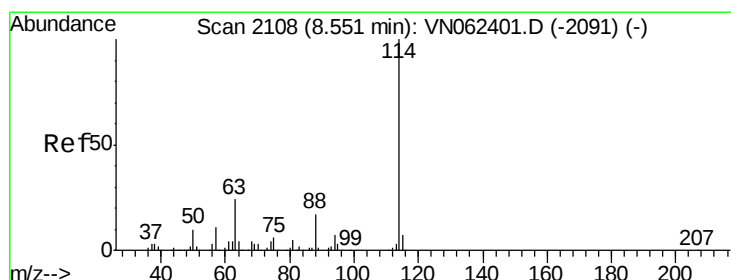
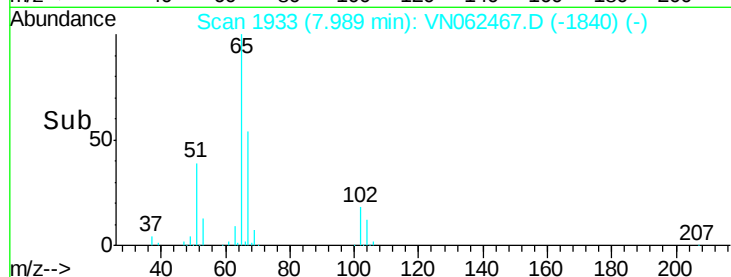
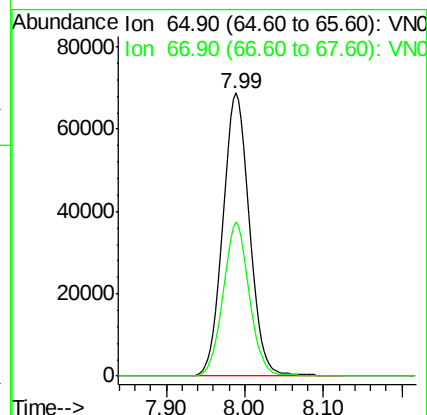
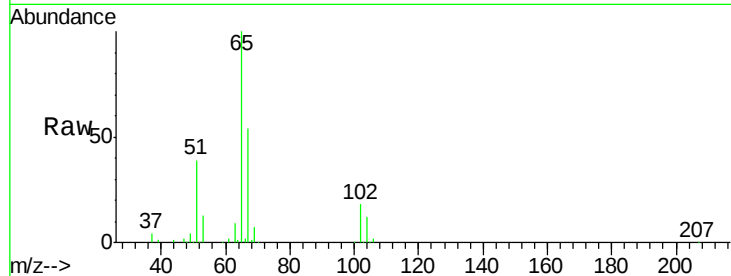




#33
 1,2-Dichloroethane-d4
 Concen: 49.741 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062467.D
 Acq: 9 Jul 2020 20:14

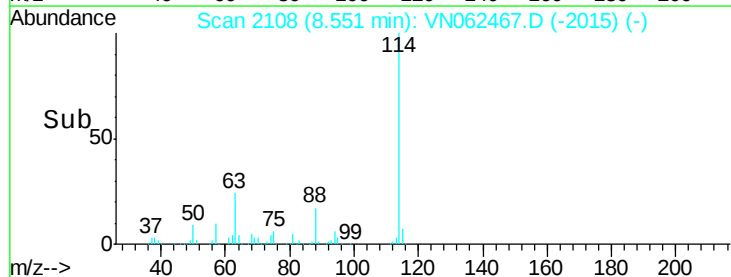
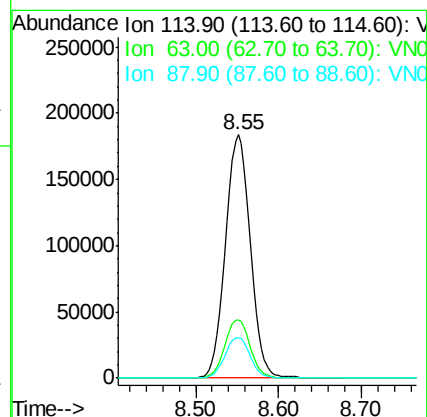
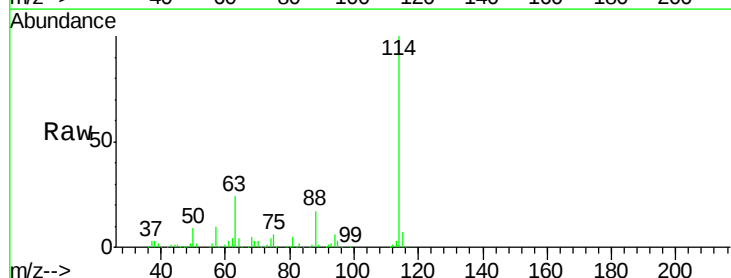
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-610-614RE

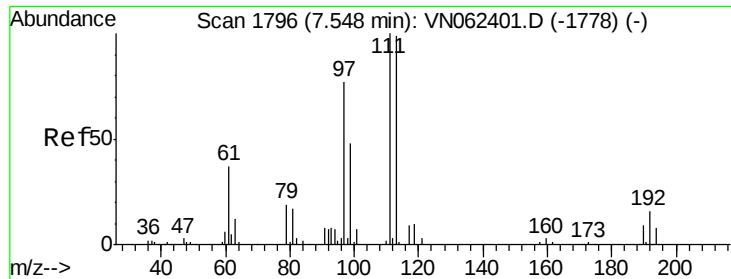
Tot Ion: 65 Resp: 159884
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062467.D
 Acq: 9 Jul 2020 20:14

Tgt Ion: 114 Resp: 382990
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 48.4
 88 16.7 0.0 33.8

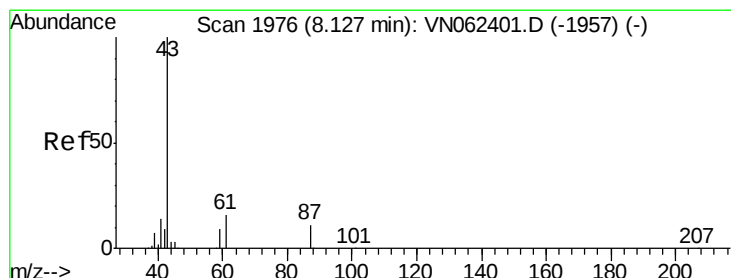
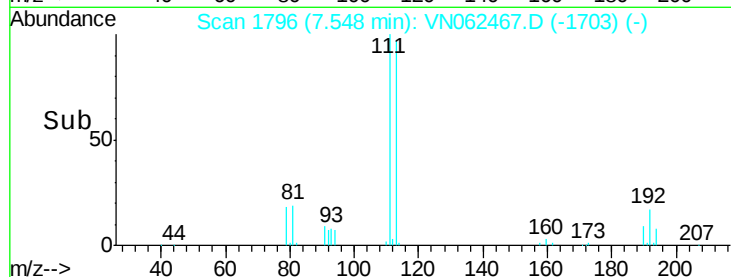
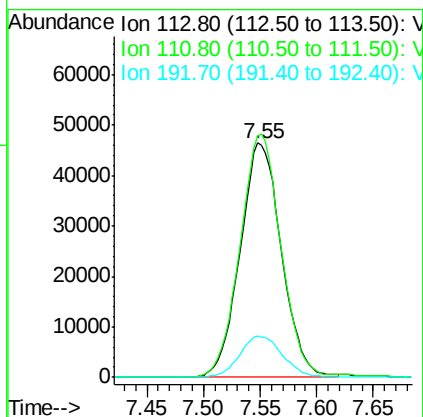
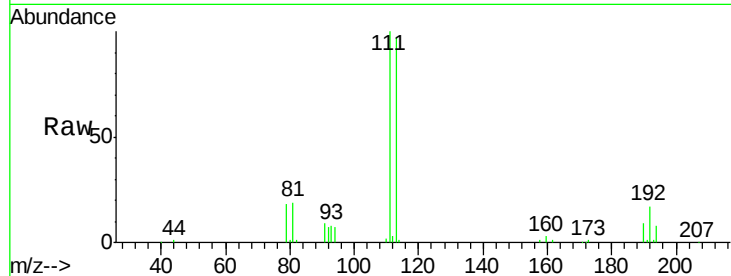




#35
 Dibromofluoromethane
 Concen: 49.832 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062467.D
 Acq: 9 Jul 2020 20:14

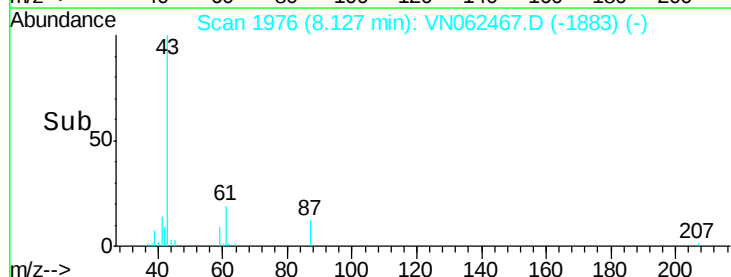
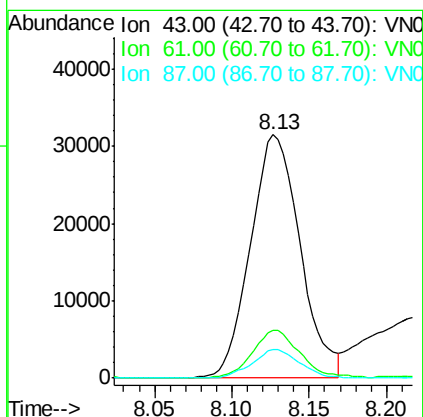
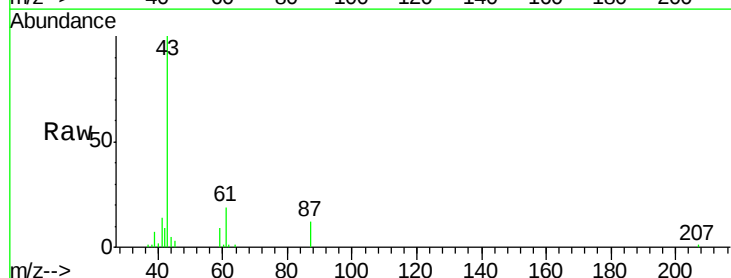
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-610-614RE

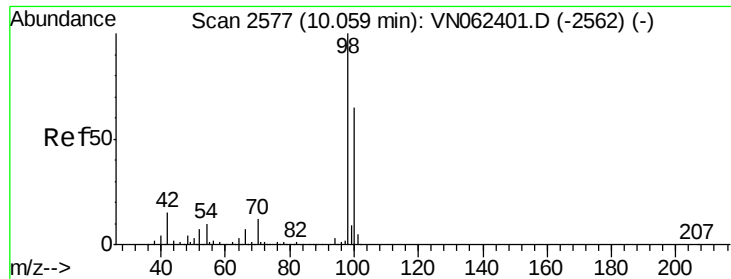
Tot Ion:113 Resp: 117971
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.1 124.7
 192 18.2 14.1 21.1



#43
 Isopropyl Acetate
 Concen: 9.883 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062467.D
 Acq: 9 Jul 2020 20:14

Tgt Ion: 43 Resp: 70441
 Ion Ratio Lower Upper
 43 100
 61 18.7 19.3 28.9#
 87 11.1 8.6 13.0





#50

Toluene-d8

Concen: 52.568 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062467.D

Acq: 9 Jul 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

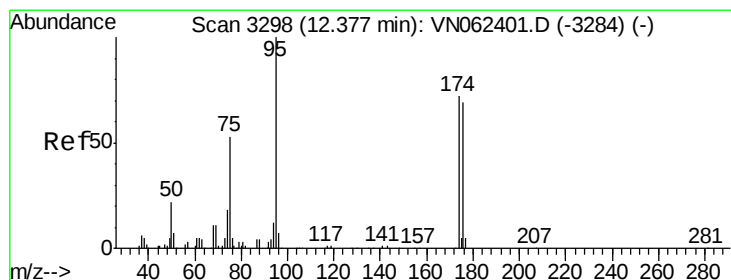
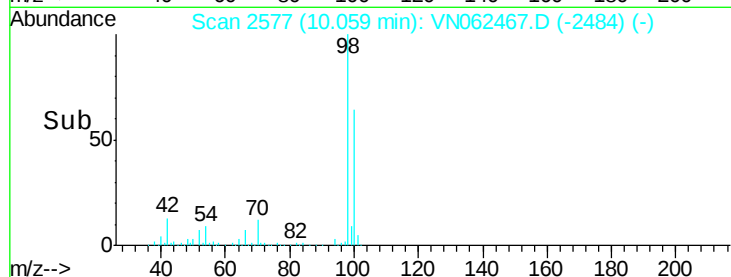
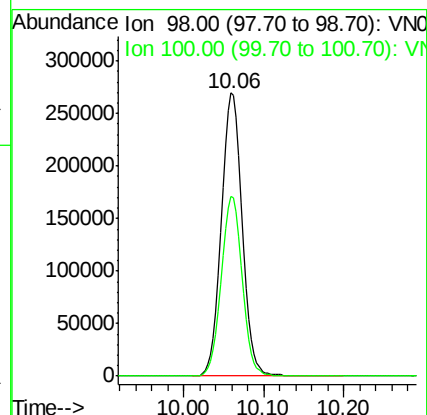
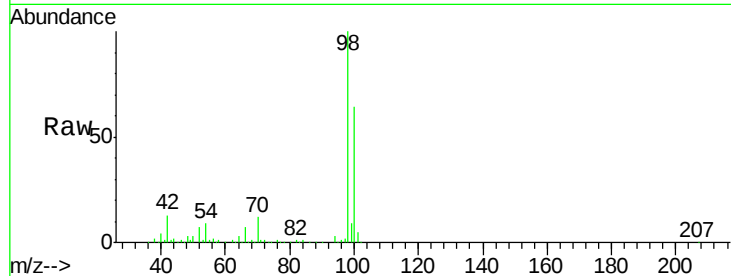
BP-MW180-SOIL-610-614RE

Tot Ion: 98 Resp: 491285

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 51.491 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062467.D

Acq: 9 Jul 2020 20:14

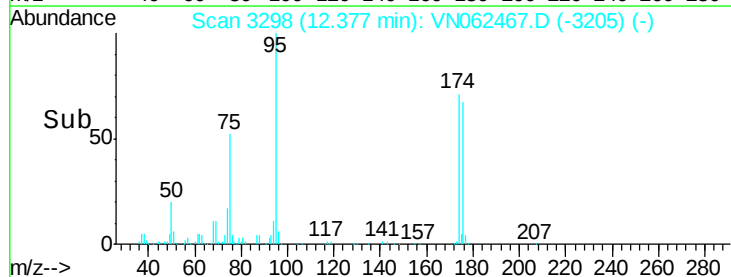
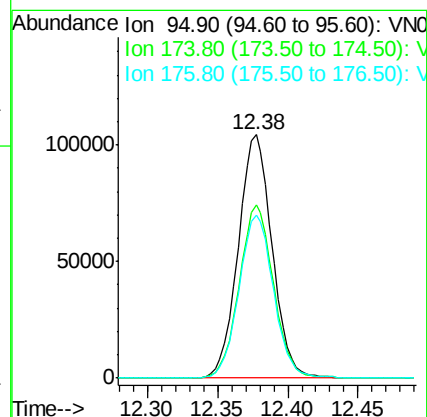
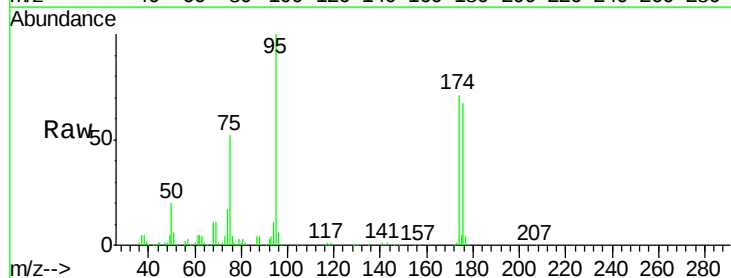
Tgt Ion: 95 Resp: 175856

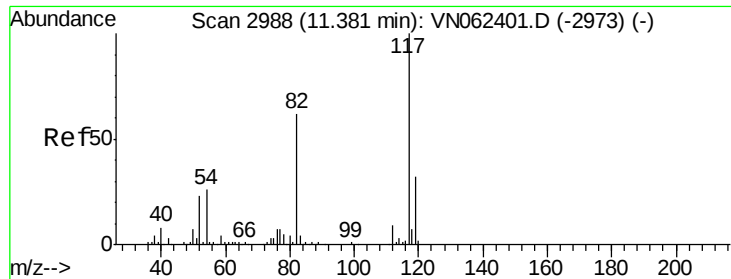
Ion Ratio Lower Upper

95 100

174 71.9 0.0 141.6

176 68.4 0.0 137.2

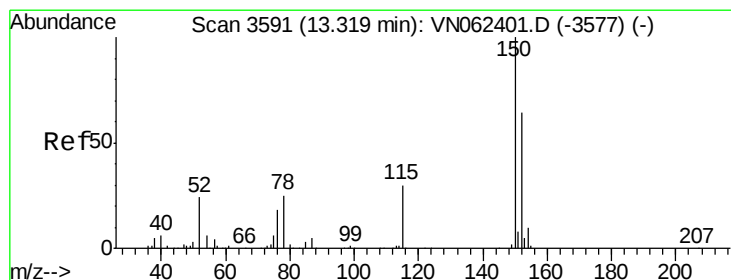
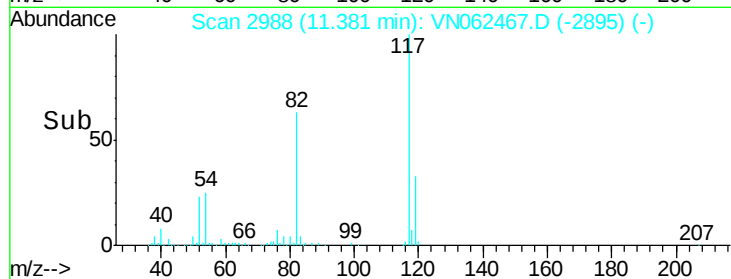
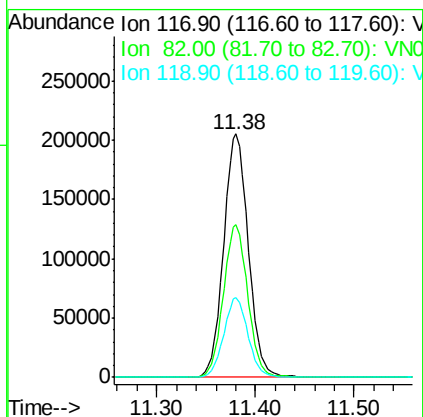
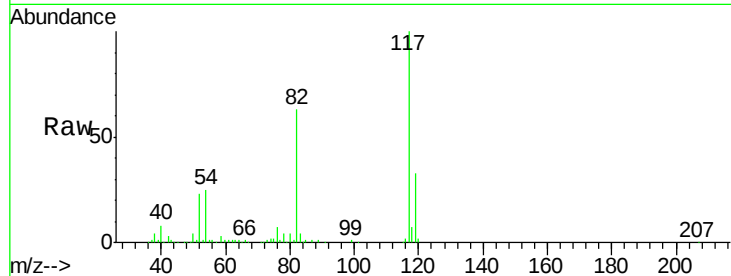




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062467.D
Acq: 9 Jul 2020 20:14

Instrument :
MSVOA_N
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BP-MW180-SOIL-610-614RE

Tot Ion:117 Resp: 361303
Ion Ratio Lower Upper
117 100
82 62.7 49.6 74.4
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062467.D
Acq: 9 Jul 2020 20:14

Tgt Ion:152 Resp: 133524
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.2
150 158.3 0.0 347.4

