

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062466.D
 Acq On : 9 Jul 2020 19:49
 Operator : JC/MD
 Sample : L3192-10RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-604-608RE

Quant Time: Jul 10 02:00:08 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

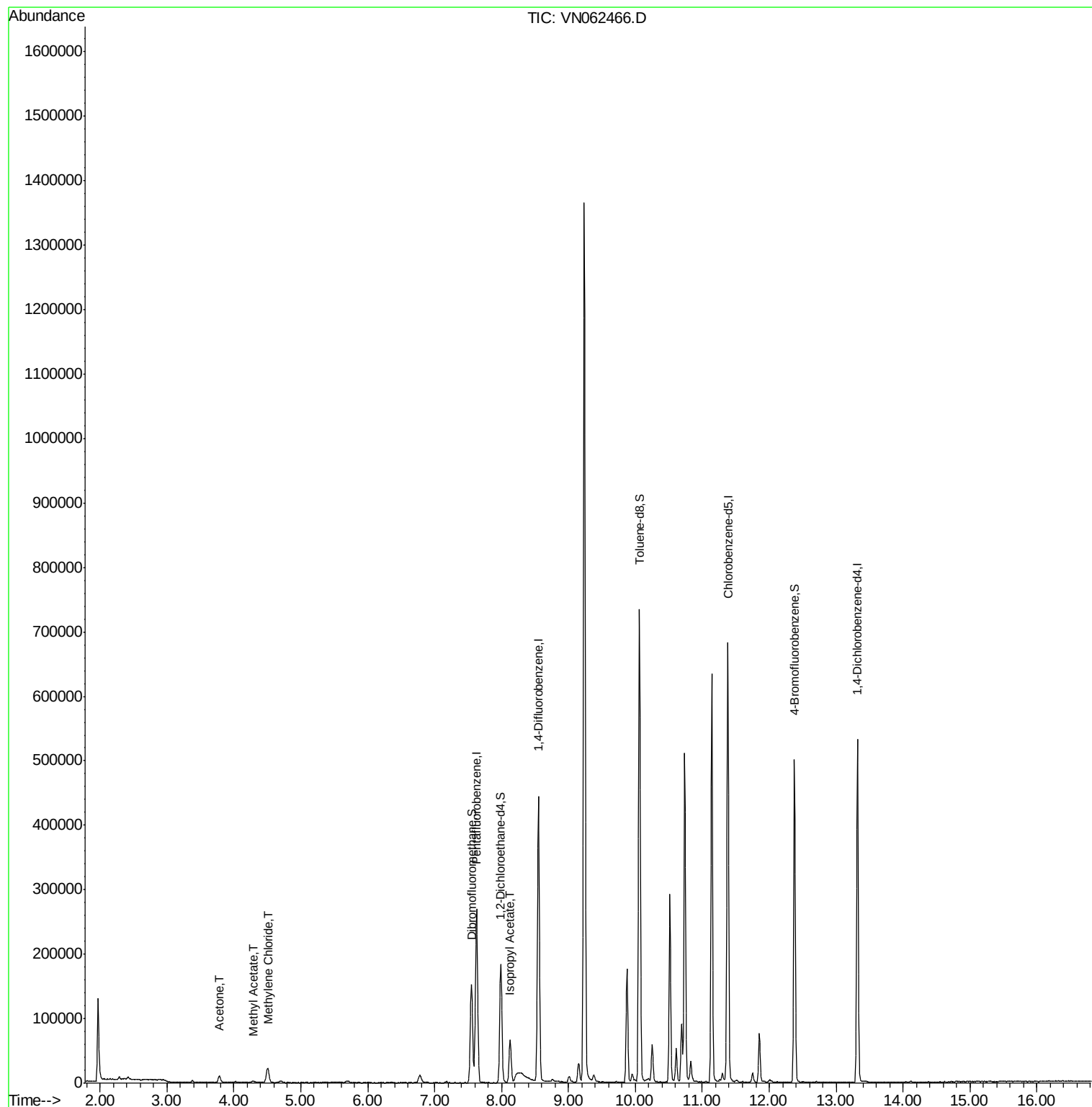
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	208375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	378069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	366782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	164414	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
35) Dibromofluoromethane	7.55	113	118513	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
50) Toluene-d8	10.06	98	487974	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.38	95	178441	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
Target Compounds						
16) Acetone	3.78	43	18430	13.544	ug/l	93
18) Methyl Acetate	4.28	43	4889	1.440	ug/l #	71
20) Methylene Chloride	4.50	84	16092	5.531	ug/l	94
43) Isopropyl Acetate	8.13	43	80809	11.485	ug/l #	92

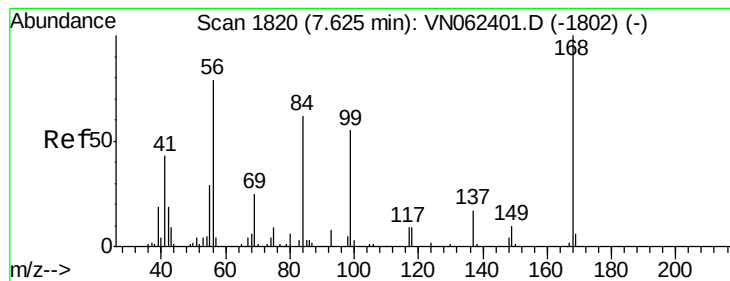
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062466.D

Acq: 9 Jul 2020 19:49

Instrument :

MSVOA_N

ClientSampleId :

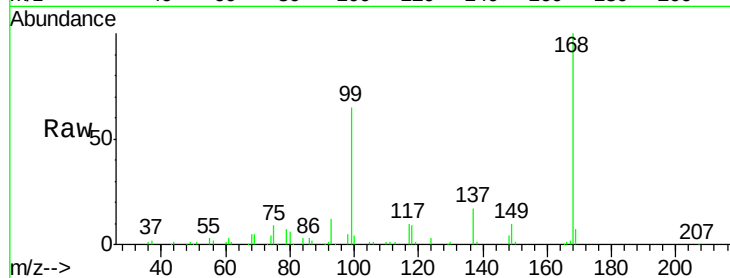
BP-MW180-SOIL-604-608RE

Tot Ion:168 Resp: 208375

Ion Ratio Lower Upper

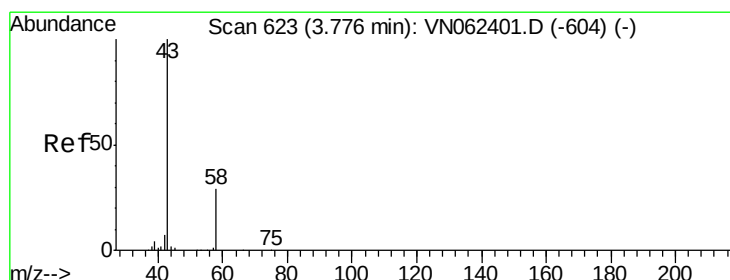
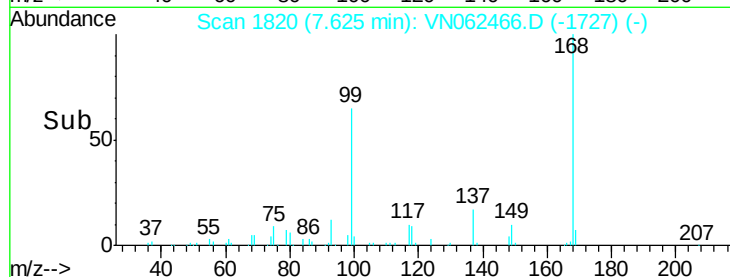
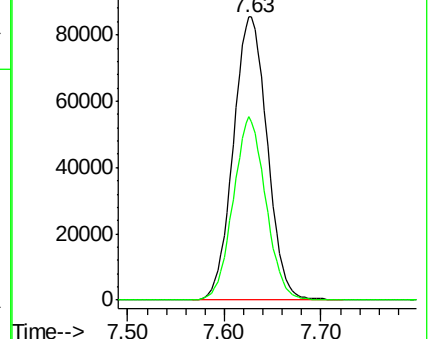
168 100

99 64.6 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 13.544 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062466.D

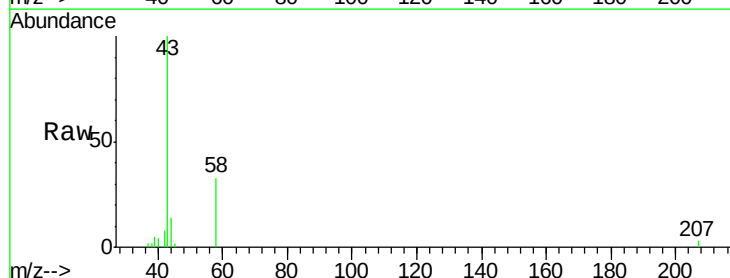
Acq: 9 Jul 2020 19:49

Tgt Ion: 43 Resp: 18430

Ion Ratio Lower Upper

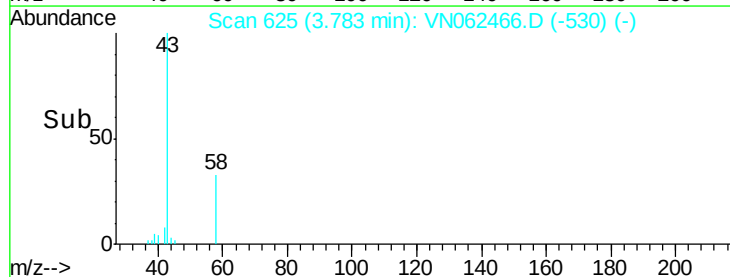
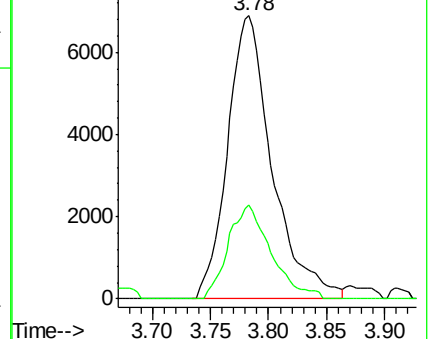
43 100

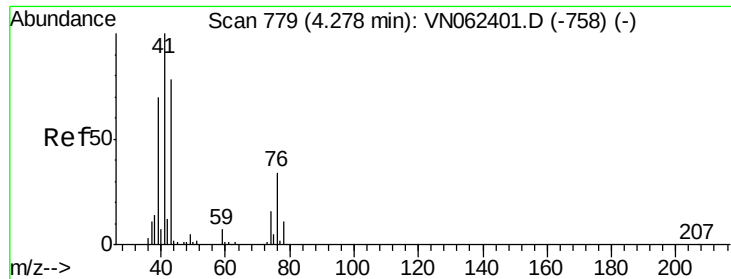
58 33.1 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

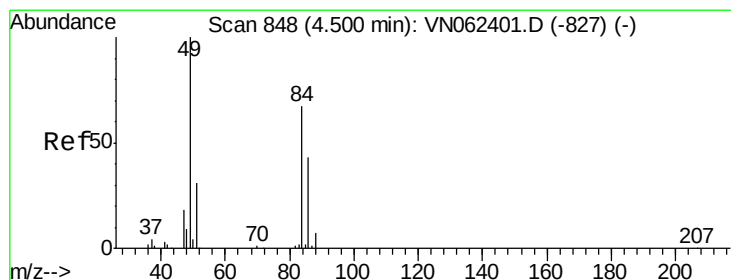
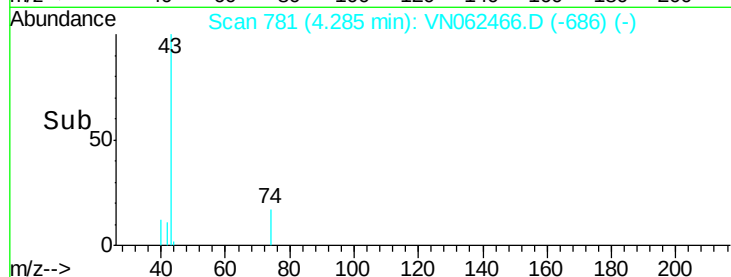
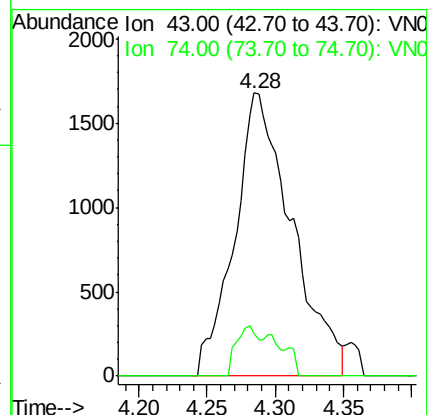
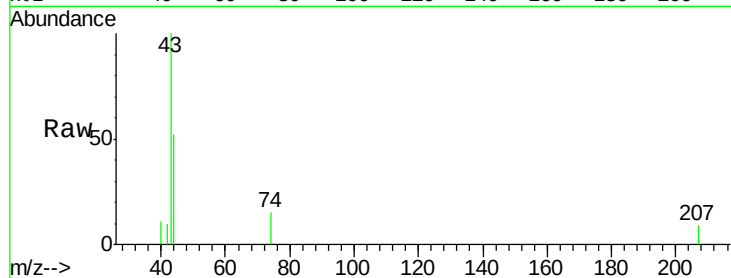




#18
Methyl Acetate
Concen: 1.440 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062466.D
Acq: 9 Jul 2020 19:49

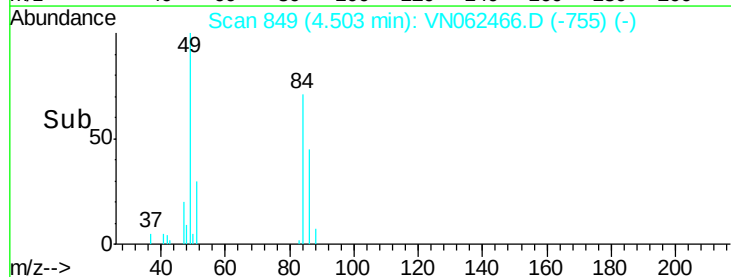
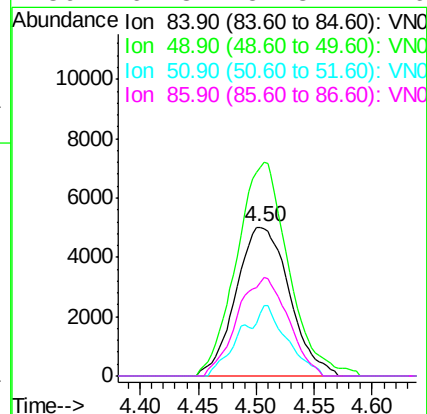
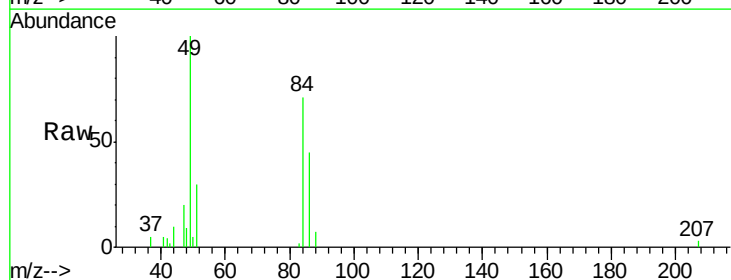
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-604-608RE

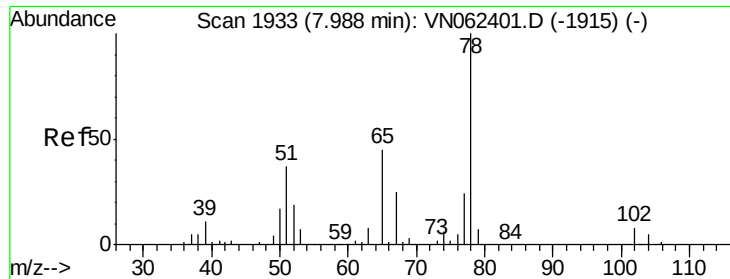
Tot Ion: 43 Resp: 4889
Ion Ratio Lower Upper
43 100
74 6.6 16.0 24.0#



#20
Methylene Chloride
Concen: 5.531 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062466.D
Acq: 9 Jul 2020 19:49

Tgt Ion: 84 Resp: 16092
Ion Ratio Lower Upper
84 100
49 140.4 120.0 180.0
51 42.1 37.0 55.6
86 62.8 51.8 77.6

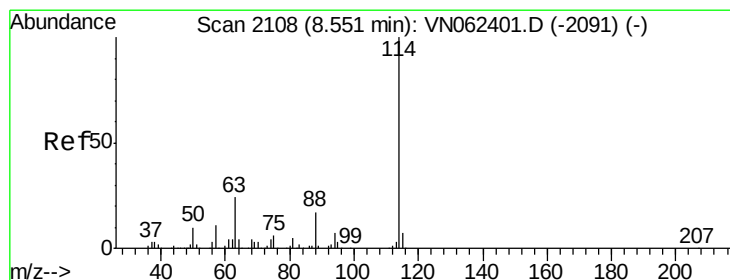
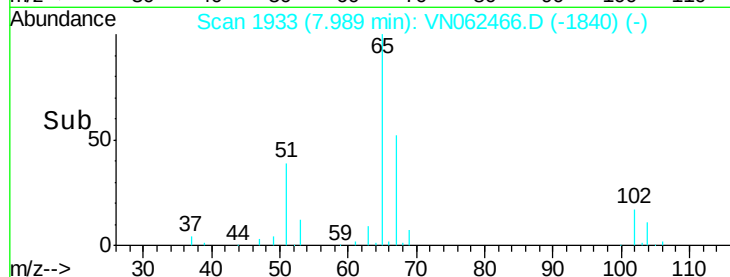
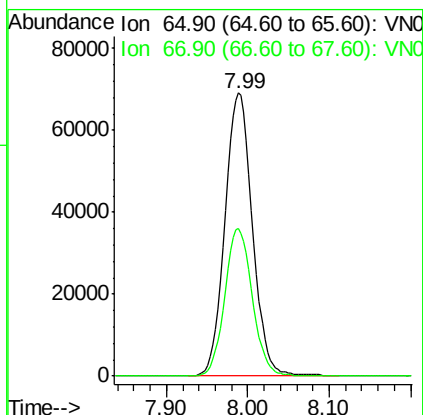
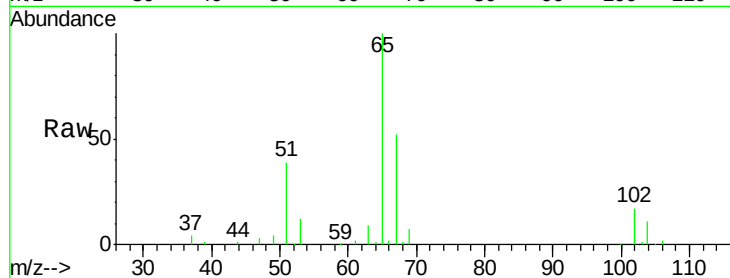




#33
 1,2-Dichloroethane-d4
 Concen: 51.298 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062466.D
 Acq: 9 Jul 2020 19:49

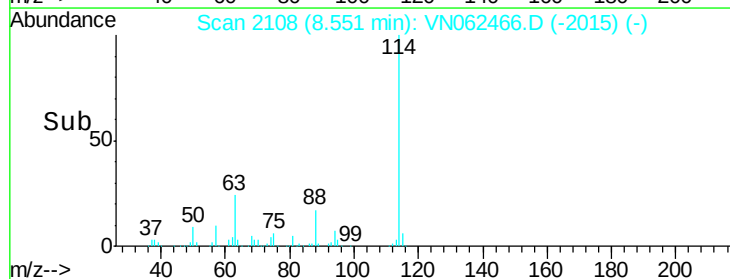
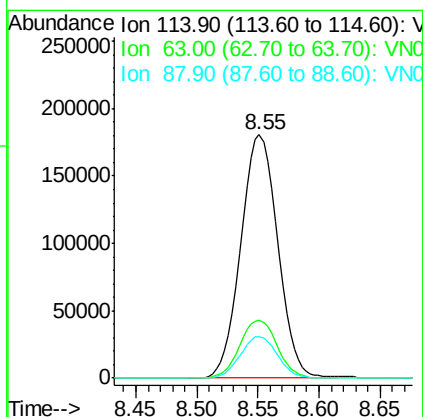
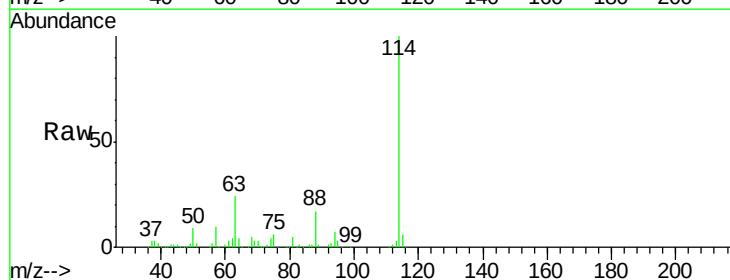
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-604-608RE

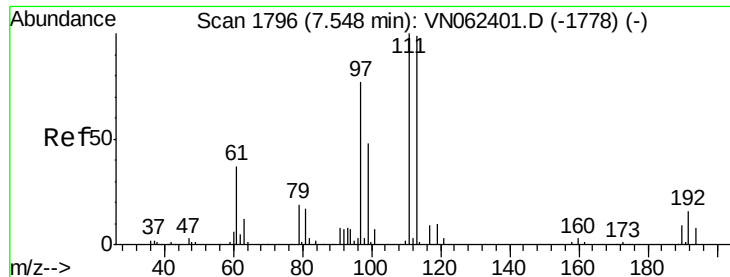
Tot Ion: 65 Resp: 164414
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062466.D
 Acq: 9 Jul 2020 19:49

Tgt Ion: 114 Resp: 378069
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 48.4
 88 17.2 0.0 33.8

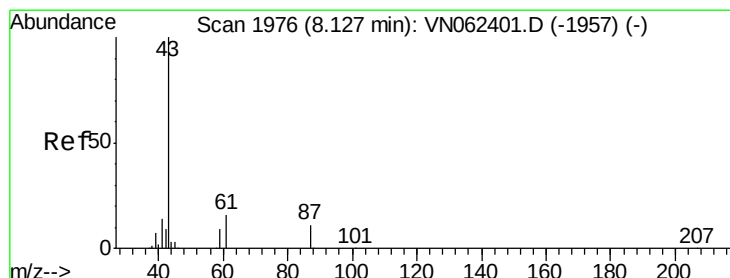
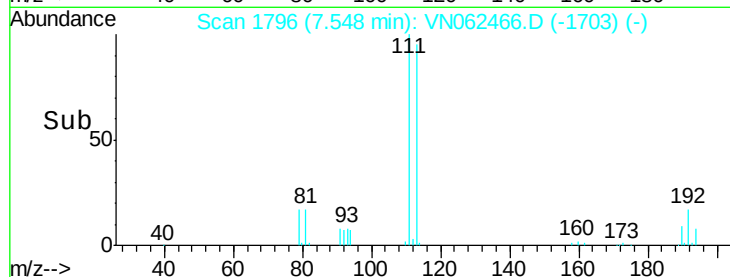
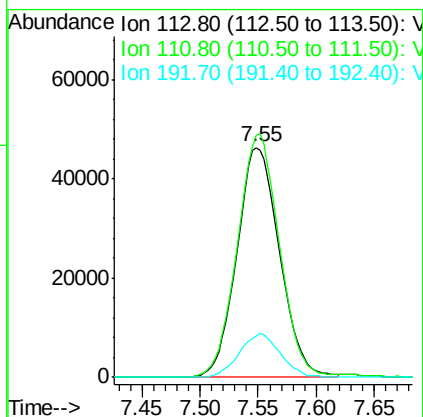
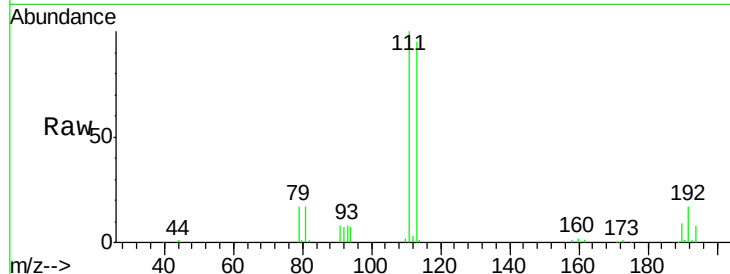




#35
 Dibromofluoromethane
 Concen: 50.712 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062466.D
 Acq: 9 Jul 2020 19:49

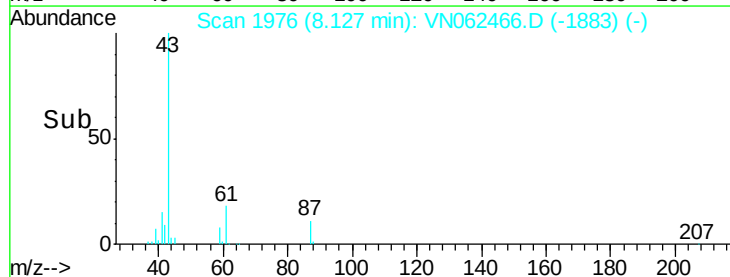
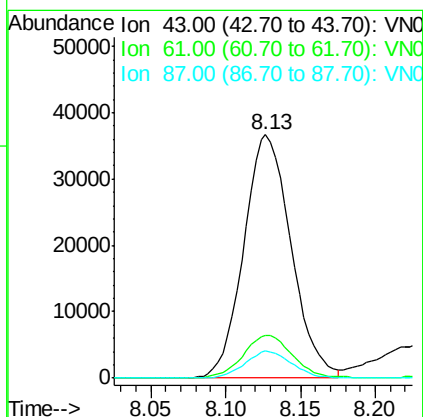
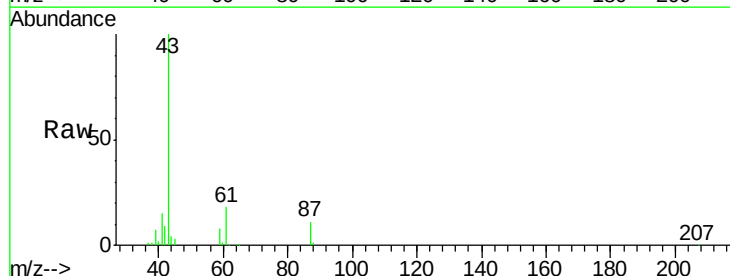
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-604-608RE

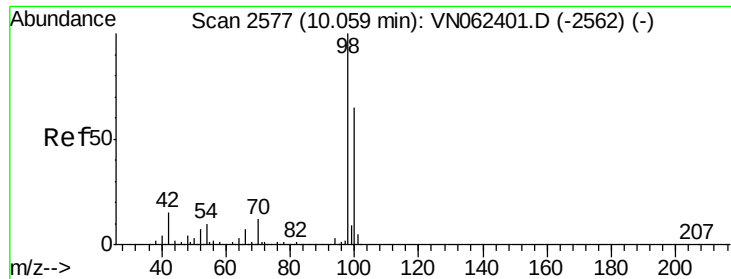
Tot Ion:113 Resp: 118513
 Ion Ratio Lower Upper
 113 100
 111 105.0 83.1 124.7
 192 18.3 14.1 21.1



#43
 Isopropyl Acetate
 Concen: 11.485 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062466.D
 Acq: 9 Jul 2020 19:49

Tgt Ion: 43 Resp: 80809
 Ion Ratio Lower Upper
 43 100
 61 18.3 19.3 28.9#
 87 10.9 8.6 13.0





#50

Toluene-d8

Concen: 52.893 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062466.D

Acq: 9 Jul 2020 19:49

Instrument :

MSVOA_N

ClientSampleId :

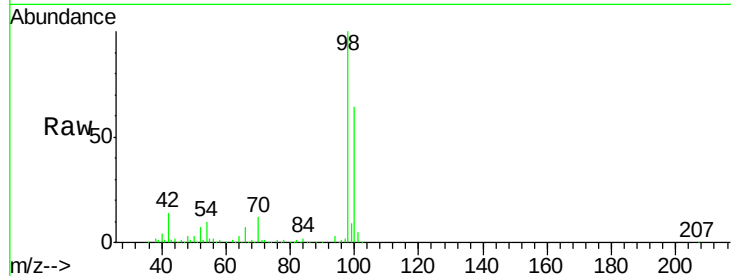
BP-MW180-SOIL-604-608RE

Tot Ion: 98 Resp: 487974

Ion Ratio Lower Upper

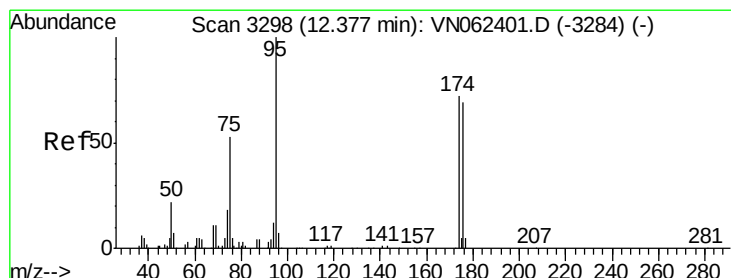
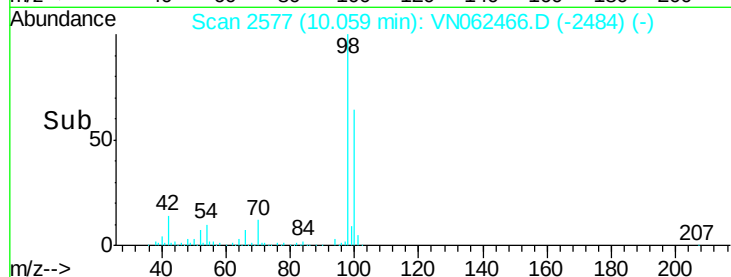
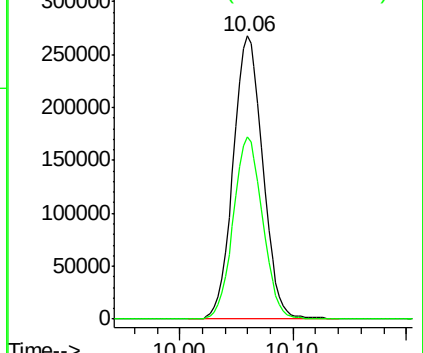
98 100

100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 52.928 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062466.D

Acq: 9 Jul 2020 19:49

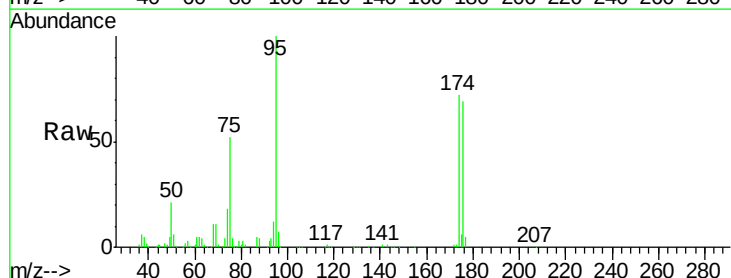
Tgt Ion: 95 Resp: 178441

Ion Ratio Lower Upper

95 100

174 71.9 0.0 141.6

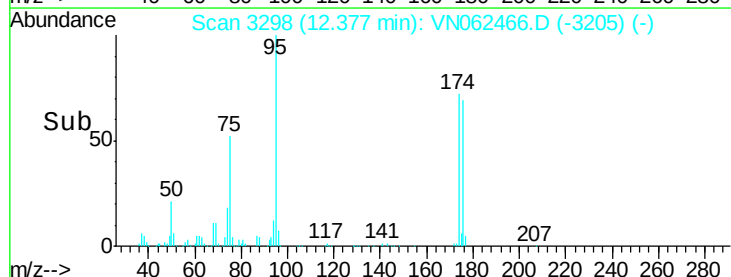
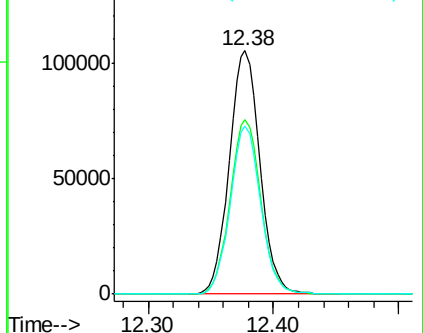
176 68.7 0.0 137.2

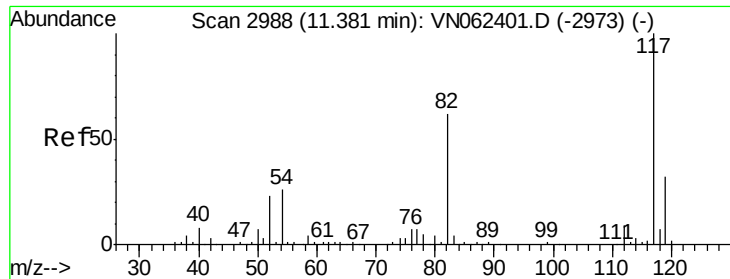


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

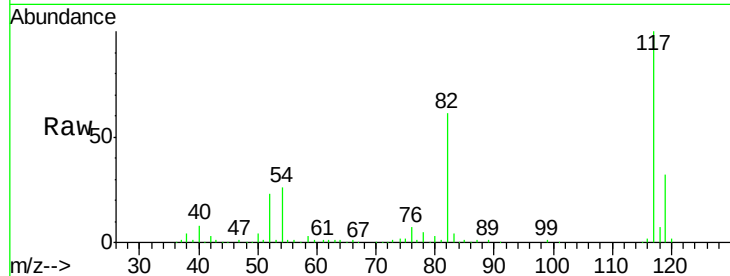




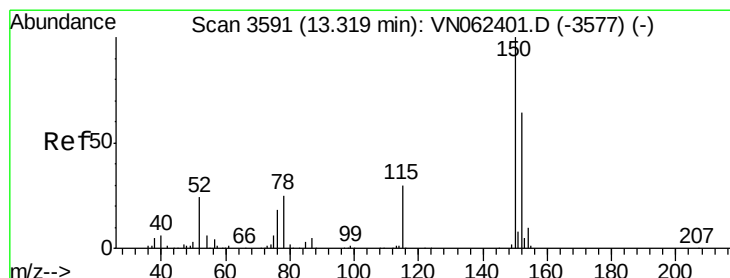
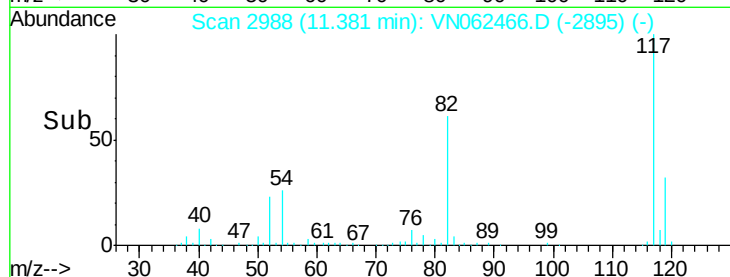
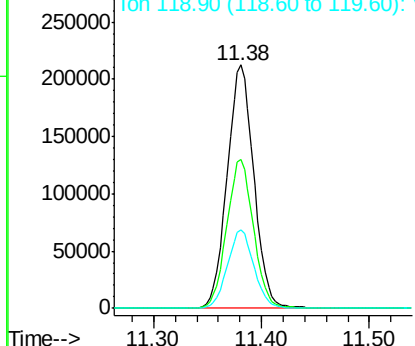
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062466.D
Acq: 9 Jul 2020 19:49

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-604-608RE

Tot Ion:117 Resp: 366782
Ion Ratio Lower Upper
117 100
82 61.3 49.6 74.4
119 32.2 25.4 38.0

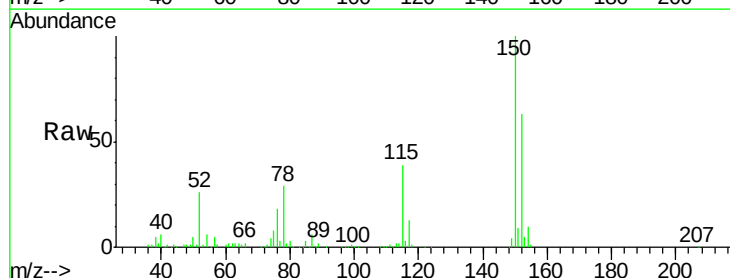


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062466.D
Acq: 9 Jul 2020 19:49

Tgt Ion:152 Resp: 137055
Ion Ratio Lower Upper
152 100
115 62.3 31.4 94.2
150 157.3 0.0 347.4



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

