

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062225.D
 Acq On : 30 Jun 2020 7:24
 Operator : JC/MD
 Sample : L3136-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-574-578

Quant Time: Jun 30 08:08:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

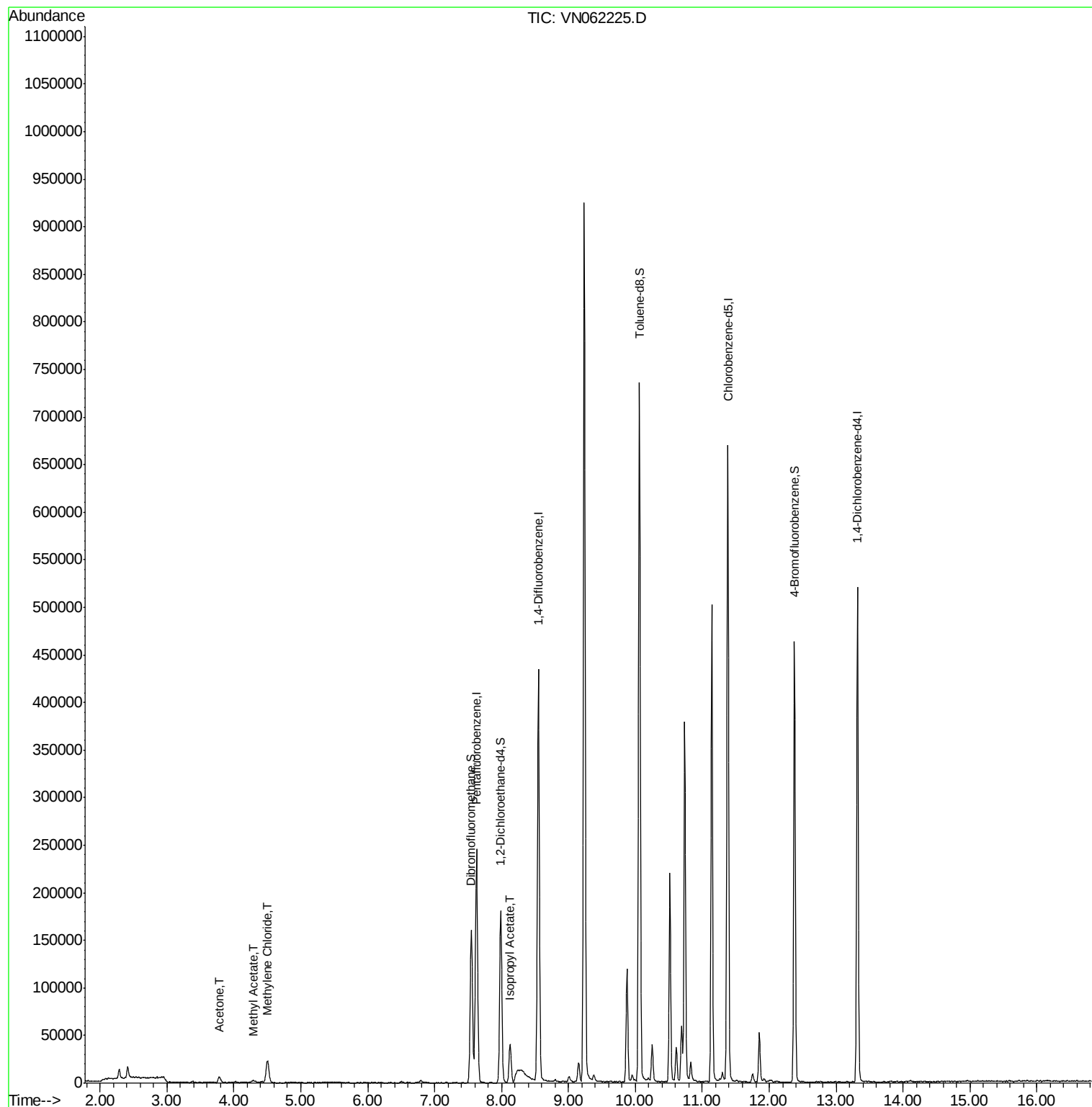
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	188359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	382745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	148031	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
35) Dibromofluoromethane	7.55	113	123179	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
50) Toluene-d8	10.06	98	505987	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.38	95	162419	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
Target Compounds						
16) Acetone	3.78	43	9876	7.981	ug/l #	82
18) Methyl Acetate	4.29	43	3834	1.825	ug/l #	55
20) Methylene Chloride	4.50	84	17295	6.941	ug/l	95
43) Isopropyl Acetate	8.13	43	45643	8.789	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062920\
Data File : VN062225.D
Acq On : 30 Jun 2020 7:24
Operator : JC/MD
Sample : L3136-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-574-578

Quant Time: Jun 30 08:08:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 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: VN062225.D

Acq: 30 Jun 2020 7:24

Instrument :

MSVOA_N

ClientSampleId :

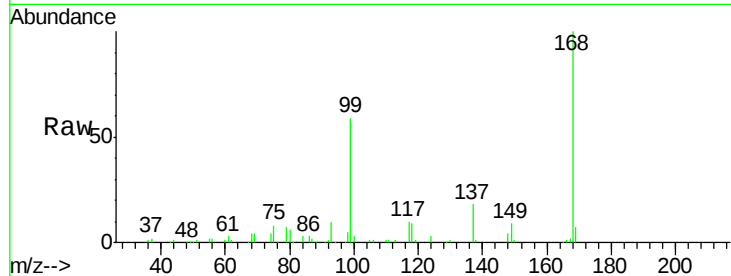
BP-MW180-SOIL-574-578

Tot Ion:168 Resp: 188359

Ion Ratio Lower Upper

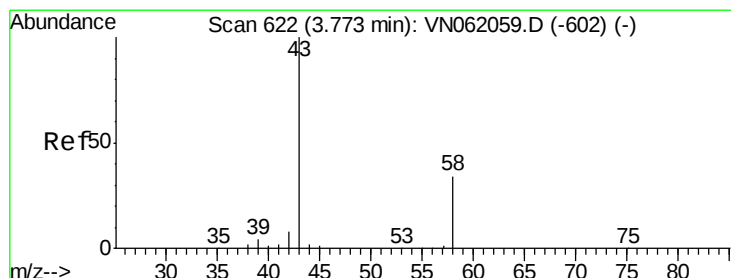
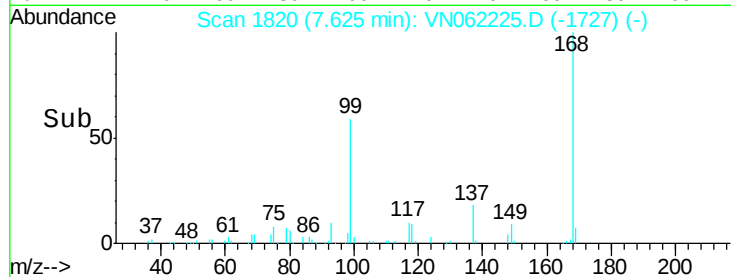
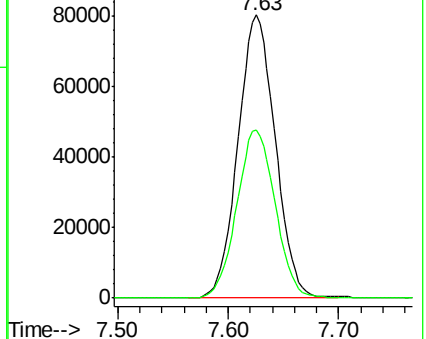
168 100

99 59.3 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.981 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062225.D

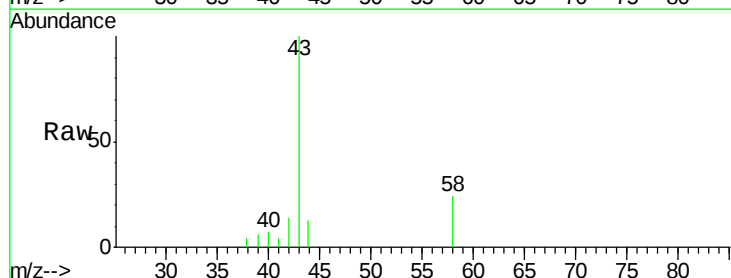
Acq: 30 Jun 2020 7:24

Tgt Ion: 43 Resp: 9876

Ion Ratio Lower Upper

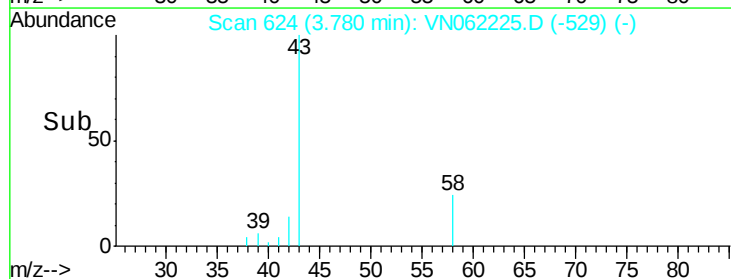
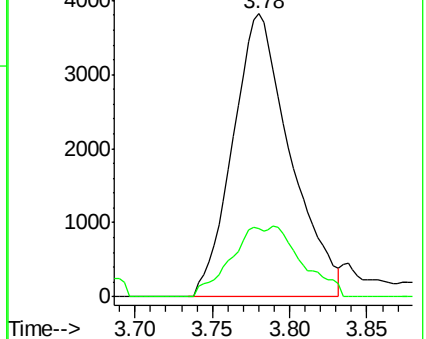
43 100

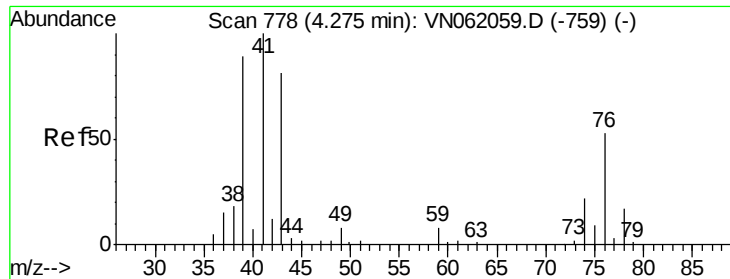
58 24.0 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

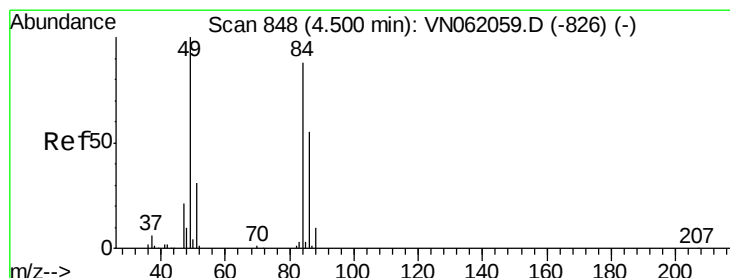
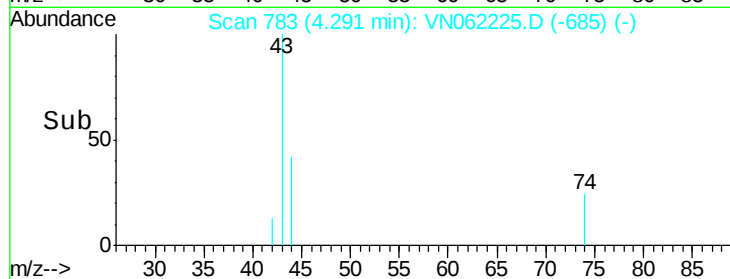
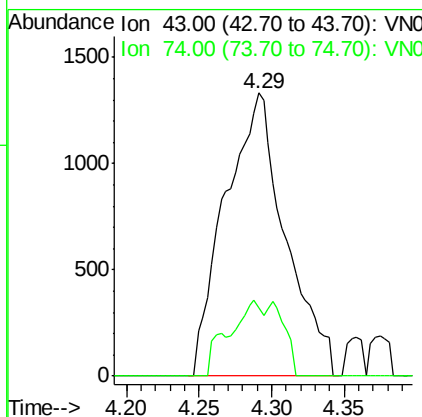
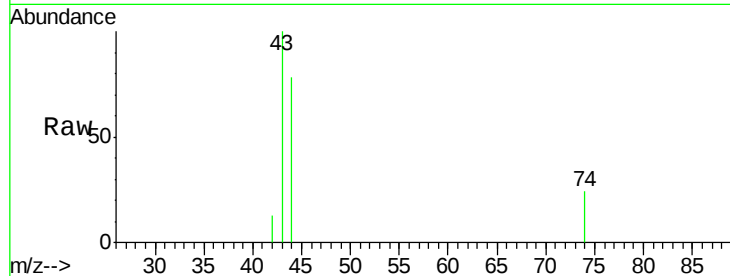




#18
Methyl Acetate
Concen: 1.825 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.02 min
Lab File: VN062225.D
Acq: 30 Jun 2020 7:24

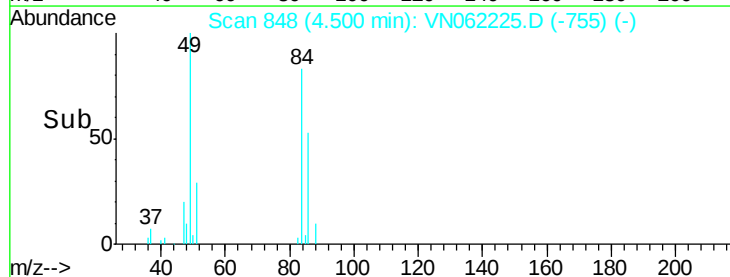
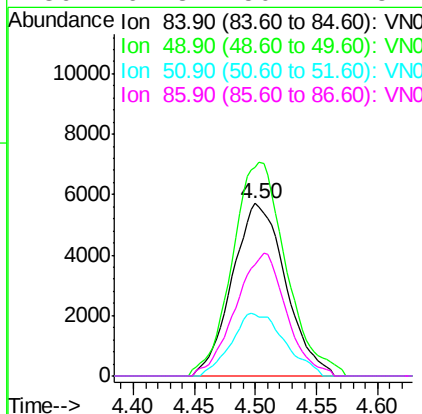
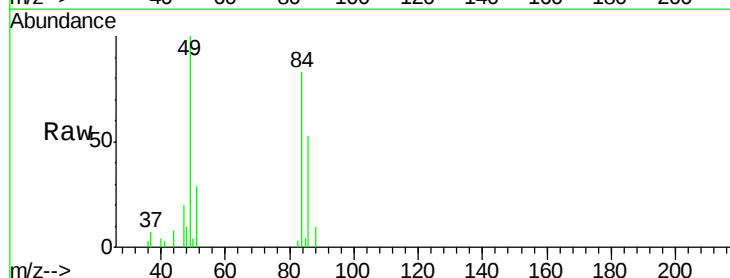
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-574-578

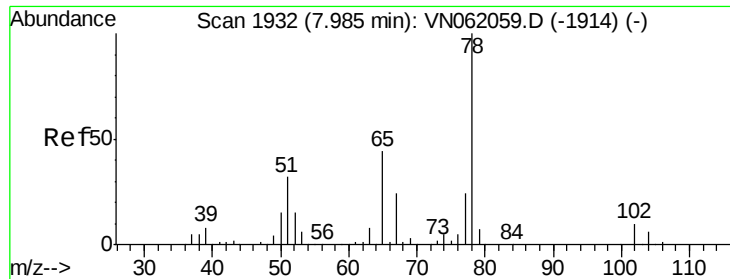
Tot Ion: 43 Resp: 3834
Ion Ratio Lower Upper
43 100
74 4.7 22.9 34.3#



#20
Methylene Chloride
Concen: 6.941 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062225.D
Acq: 30 Jun 2020 7:24

Tgt Ion: 84 Resp: 17295
Ion Ratio Lower Upper
84 100
49 121.2 90.6 136.0
51 35.4 27.8 41.8
86 64.3 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 56.002 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062225.D

Acq: 30 Jun 2020 7:24

Instrument :

MSVOA_N

ClientSampleId :

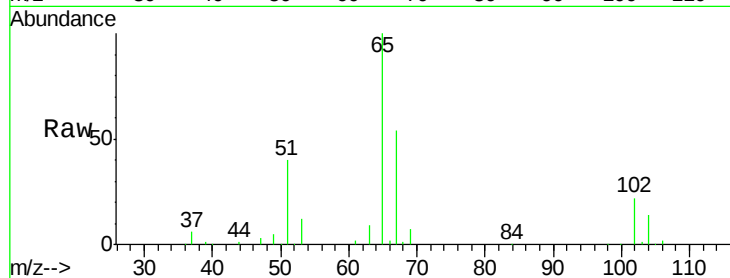
BP-MW180-SOIL-574-578

Tot Ion: 65 Resp: 148031

Ion Ratio Lower Upper

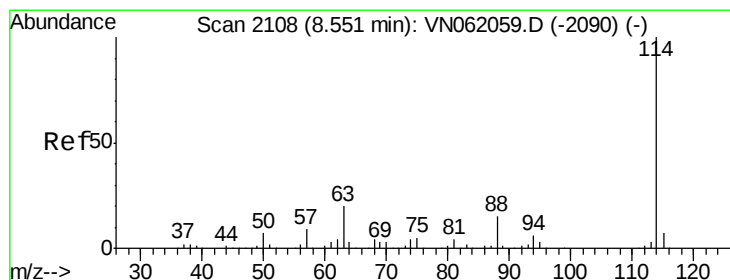
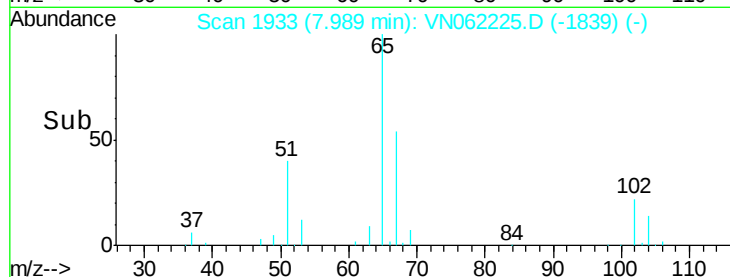
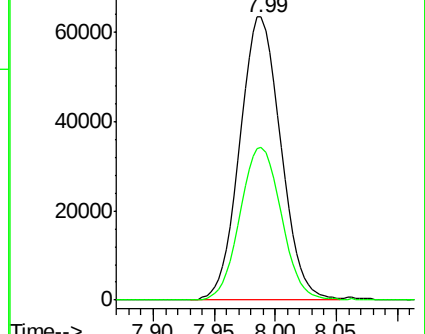
65 100

67 54.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062225.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062225.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062225.D

Acq: 30 Jun 2020 7:24

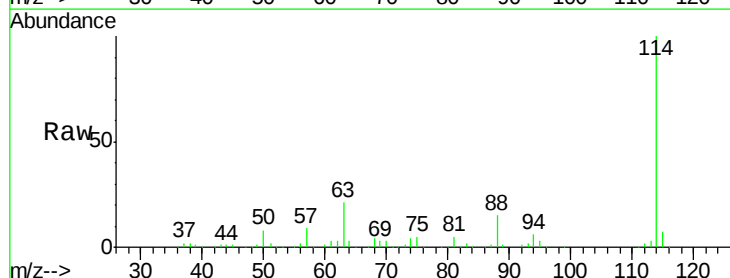
Tgt Ion: 114 Resp: 382745

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

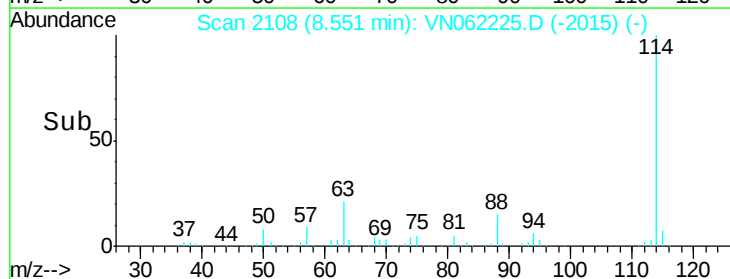
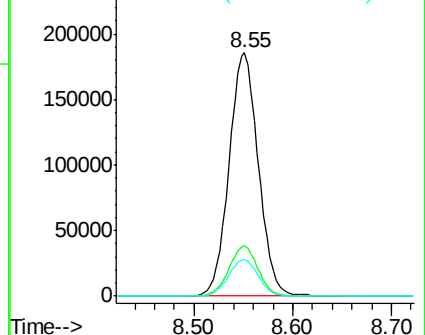
88 14.8 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062225.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062225.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062225.D (-2015) (-)

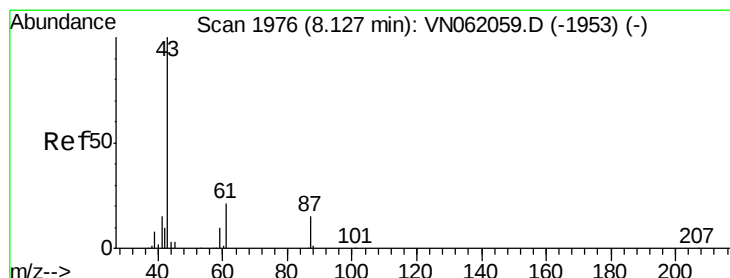
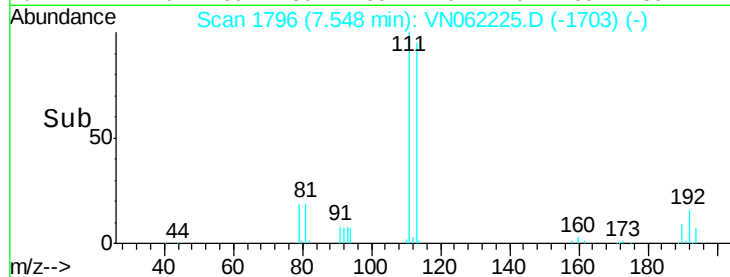
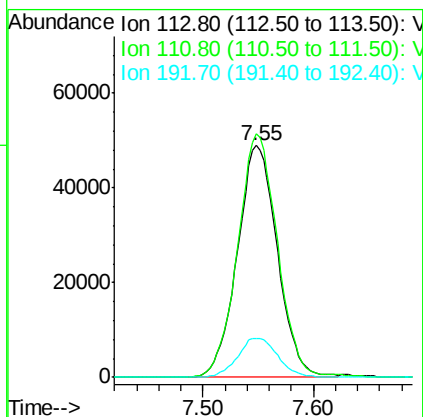
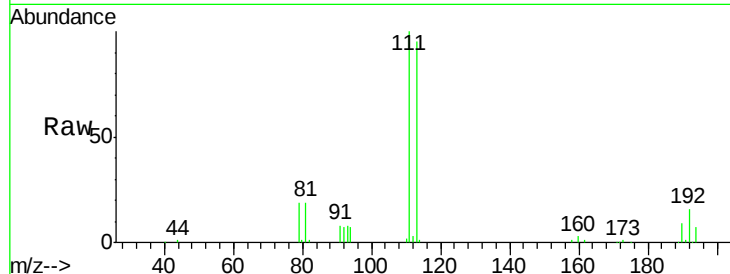




#35
 Dibromofluoromethane
 Concen: 50.165 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062225.D
 Acq: 30 Jun 2020 7:24

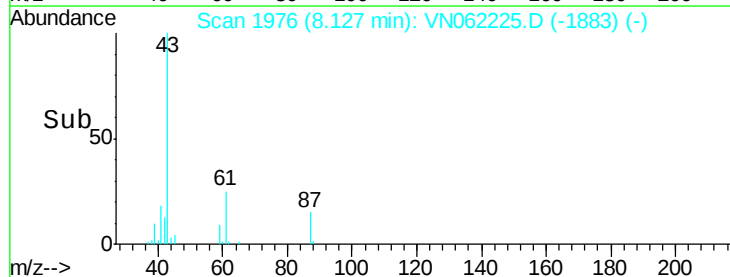
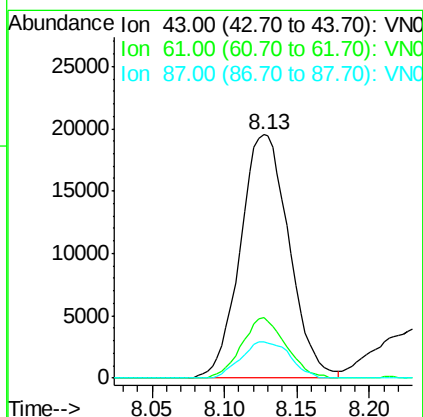
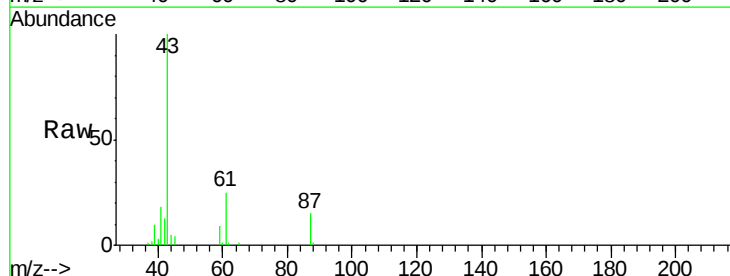
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-574-578

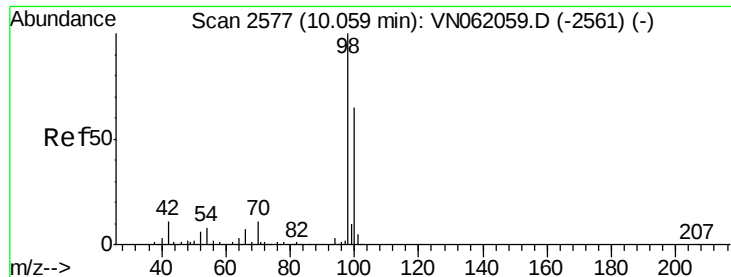
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.2	123.4
192	16.8	14.0	21.0



#43
 Isopropyl Acetate
 Concen: 8.789 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062225.D
 Acq: 30 Jun 2020 7:24

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.2	25.8
87	14.8	12.1	18.1





#50

Toluene-d8

Concen: 51.550 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062225.D

Acq: 30 Jun 2020 7:24

Instrument :

MSVOA_N

ClientSampleId :

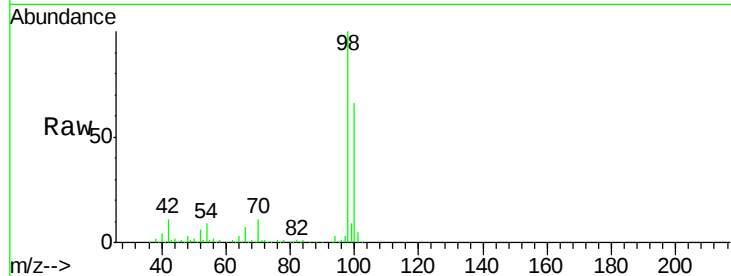
BP-MW180-SOIL-574-578

Tot Ion: 98 Resp: 505987

Ion Ratio Lower Upper

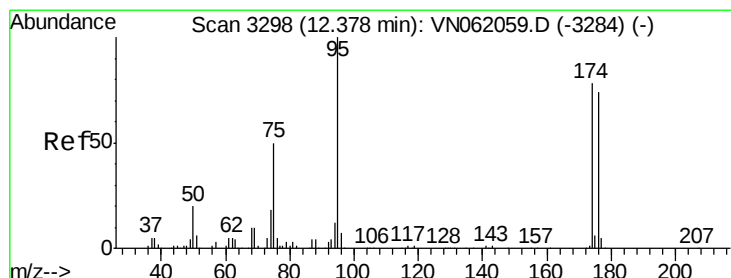
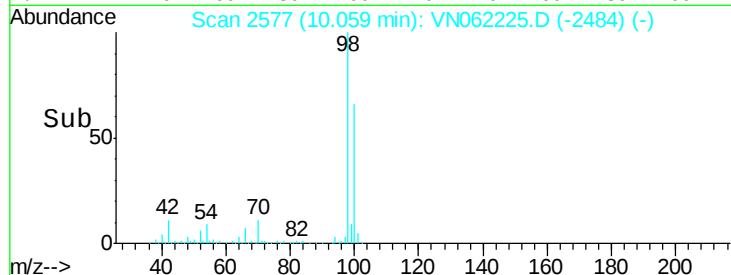
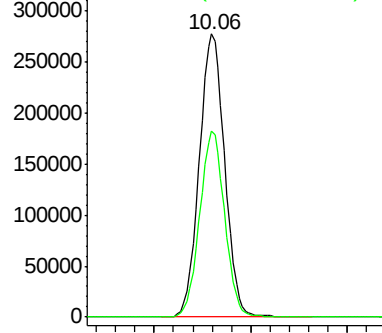
98 100

100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 48.977 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062225.D

Acq: 30 Jun 2020 7:24

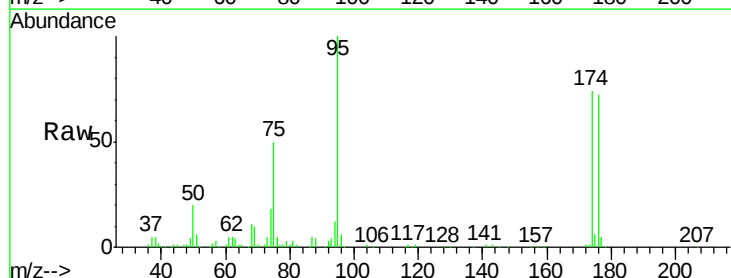
Tgt Ion: 95 Resp: 162419

Ion Ratio Lower Upper

95 100

174 72.9 0.0 154.8

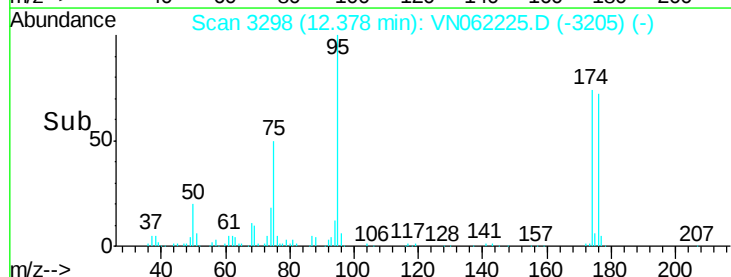
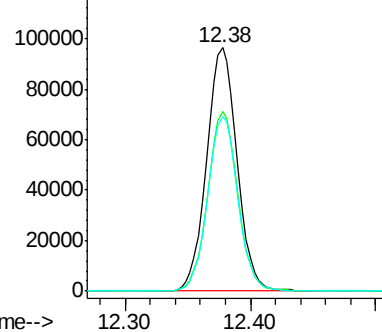
176 71.2 0.0 147.4

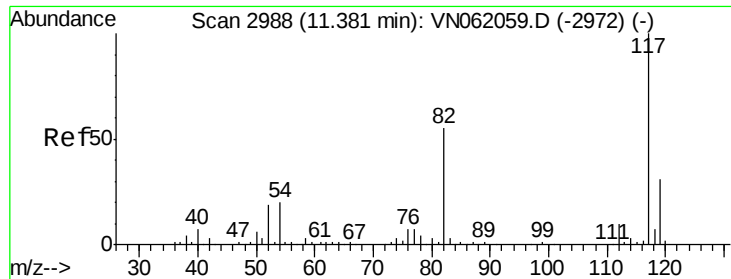


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: VN062225.D

Acq: 30 Jun 2020 7:24

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-574-578

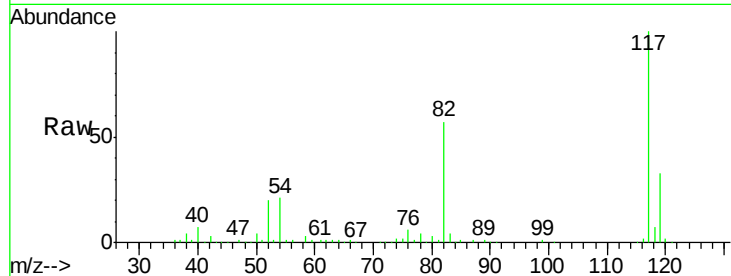
Tot Ion:117 Resp: 387652

Ion Ratio Lower Upper

117 100

82 56.6 43.8 65.8

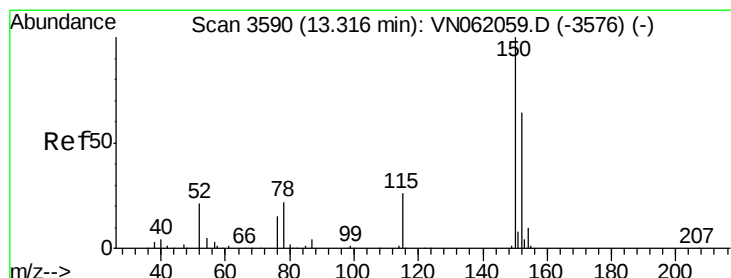
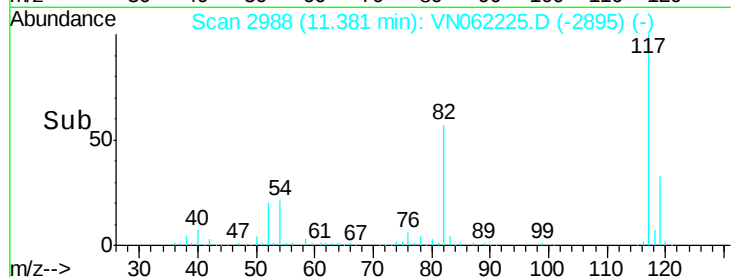
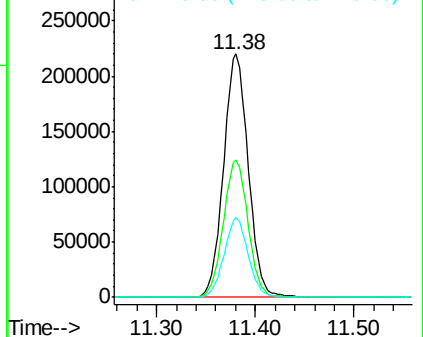
119 32.6 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN062225.D

Acq: 30 Jun 2020 7:24

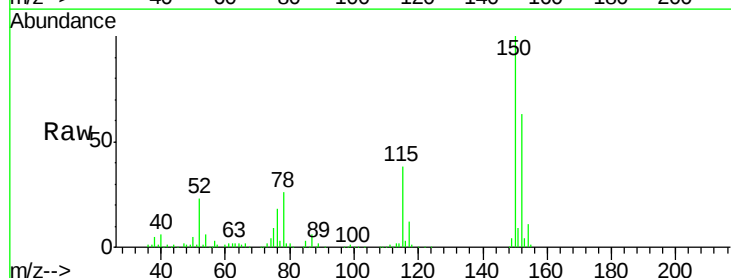
Tgt Ion:152 Resp: 135647

Ion Ratio Lower Upper

152 100

115 60.0 29.5 88.5

150 160.1 0.0 351.4



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

