

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062328.D
 Acq On : 2 Jul 2020 7:34
 Operator : JC/MD
 Sample : L3164-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-590-594

Quant Time: Jul 02 08:43:49 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

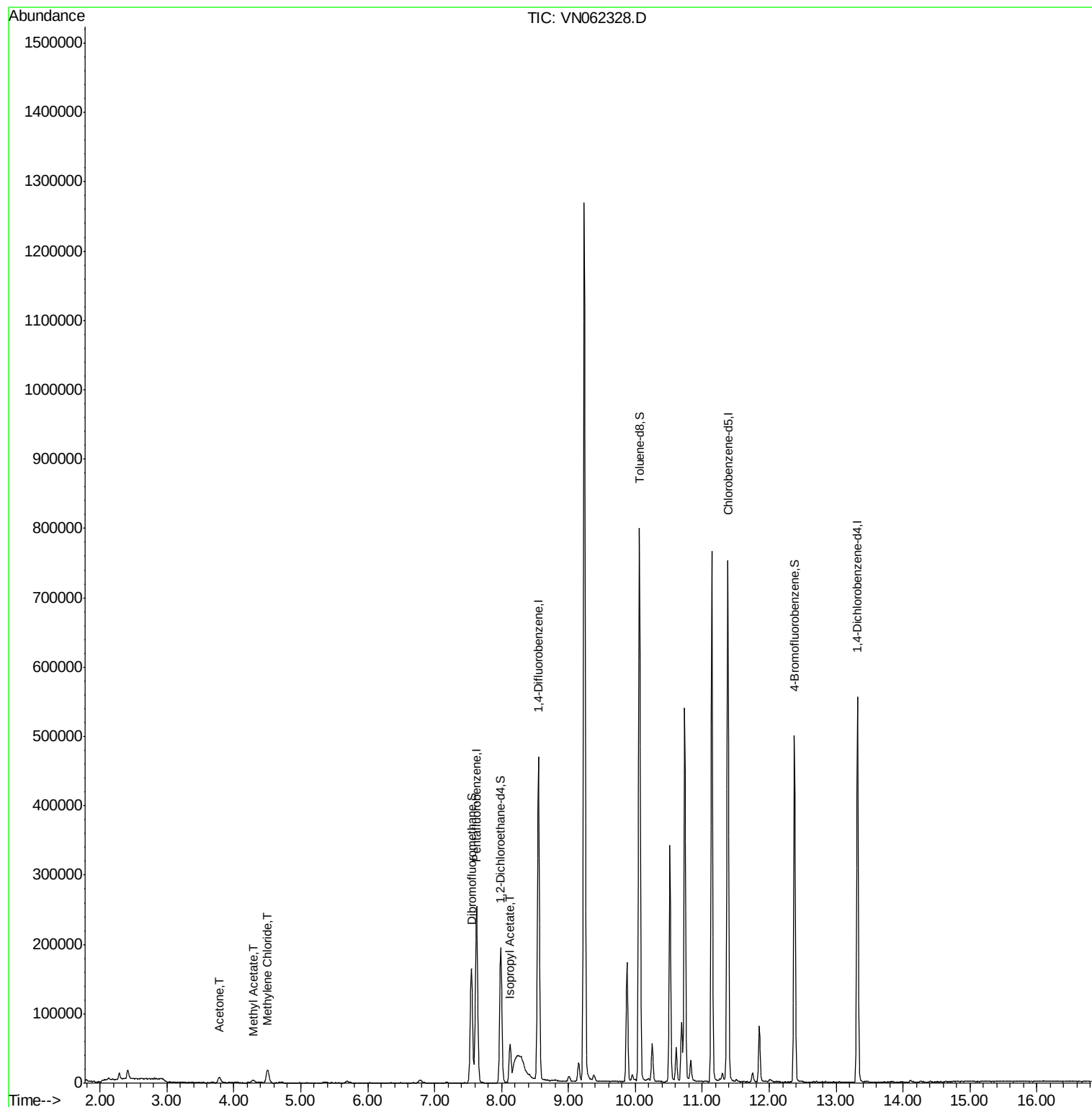
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	192752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	412482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	411993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	162448	60.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.12%	
35) Dibromofluoromethane	7.55	113	128418	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	10.06	98	540062	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.38	95	172768	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
Target Compounds						
16) Acetone	3.78	43	14538	13.287	ug/l	95
18) Methyl Acetate	4.29	43	6970	3.241	ug/l #	70
20) Methylene Chloride	4.50	84	14521	5.656	ug/l	99
43) Isopropyl Acetate	8.13	43	64523	11.529	ug/l	98

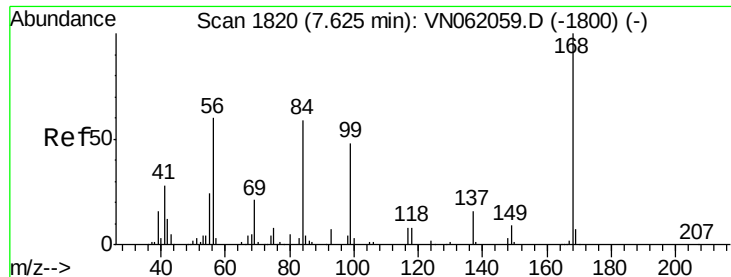
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062328.D

Acq: 2 Jul 2020 7:34

Instrument :

MSVOA_N

ClientSampleId :

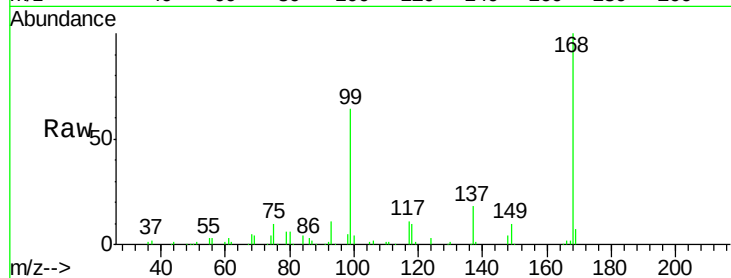
BP-MW180-SOIL-590-594

Tot Ion:168 Resp: 192752

Ion Ratio Lower Upper

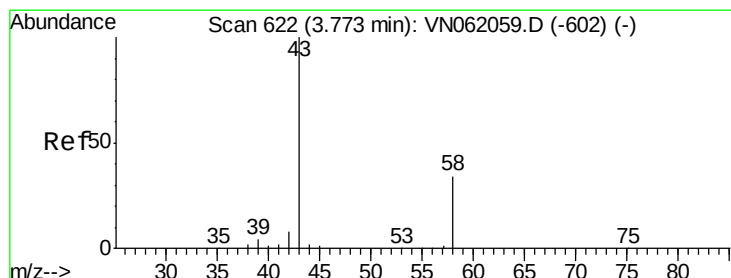
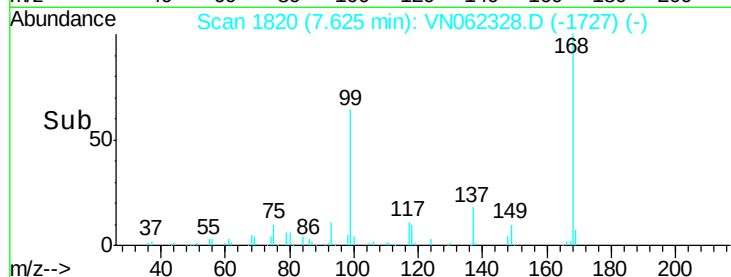
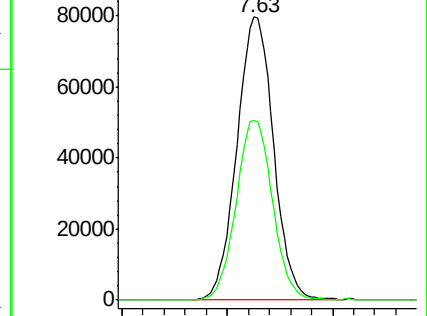
168 100

99 63.7 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 13.287 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062328.D

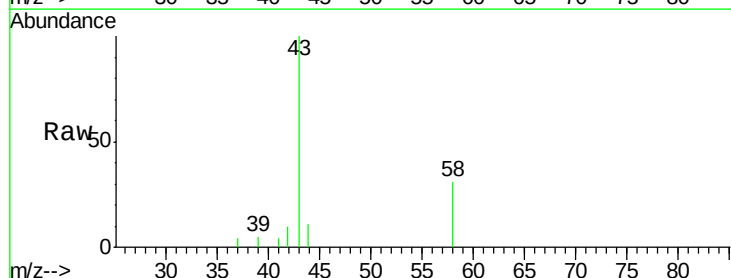
Acq: 2 Jul 2020 7:34

Tgt Ion: 43 Resp: 14538

Ion Ratio Lower Upper

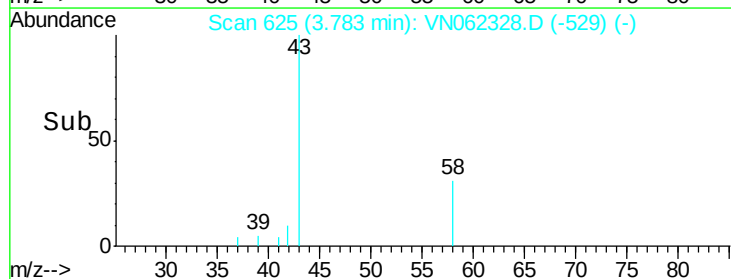
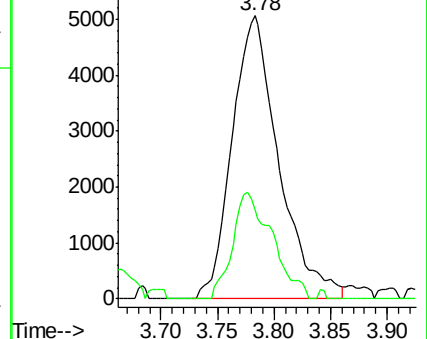
43 100

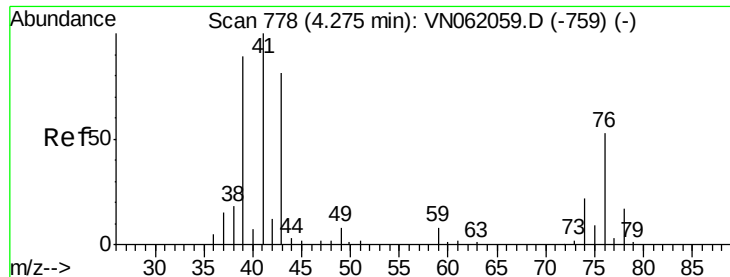
58 31.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

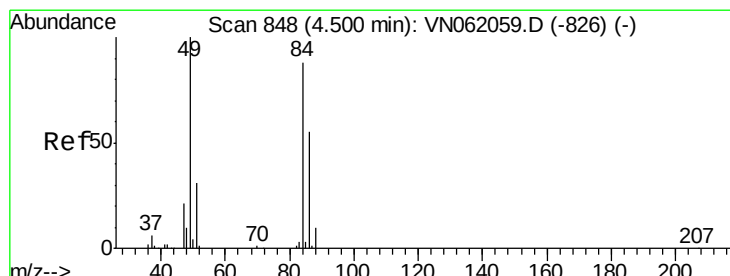
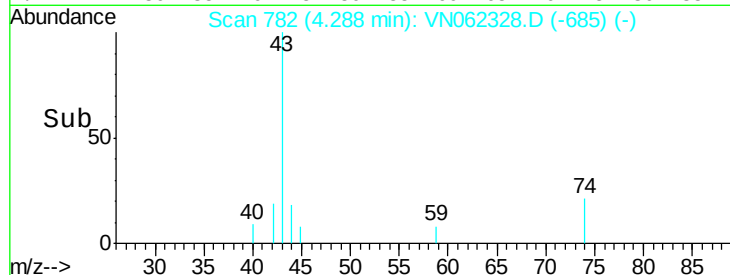
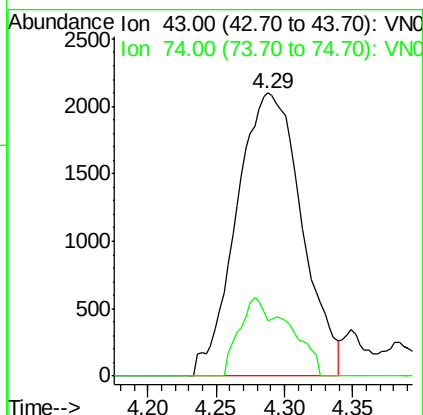
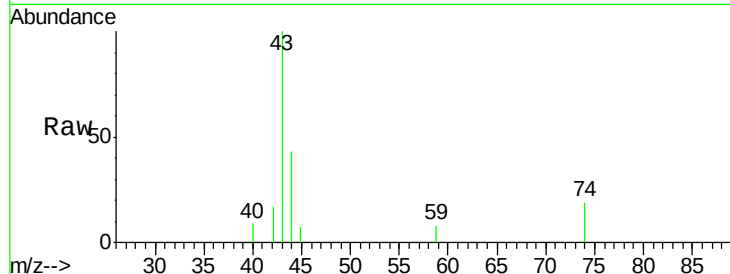




#18
Methyl Acetate
Concen: 3.241 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062328.D
Acq: 2 Jul 2020 7:34

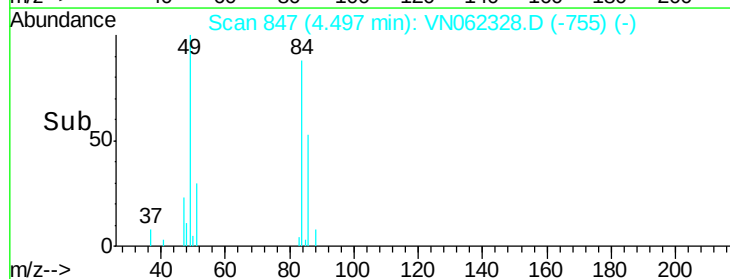
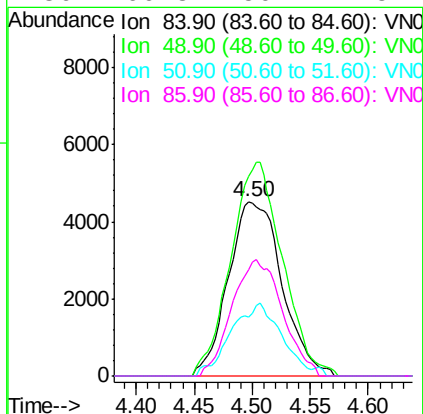
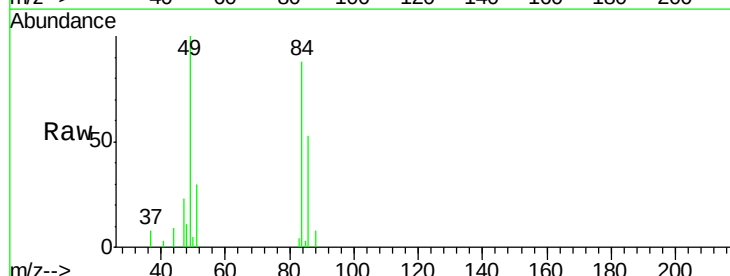
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-590-594

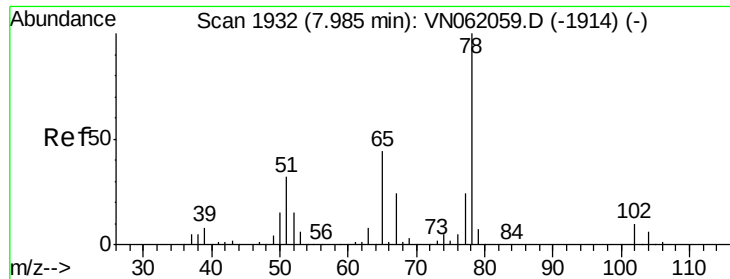
Tot Ion: 43 Resp: 6970
Ion Ratio Lower Upper
43 100
74 12.6 22.9 34.3#



#20
Methylene Chloride
Concen: 5.656 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062328.D
Acq: 2 Jul 2020 7:34

Tgt Ion: 84 Resp: 14521
Ion Ratio Lower Upper
84 100
49 114.0 90.6 136.0
51 33.8 27.8 41.8
86 60.8 50.1 75.1

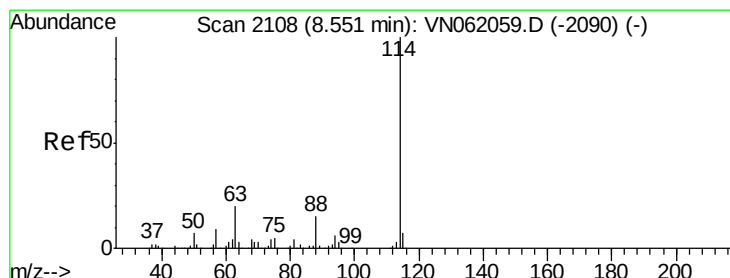
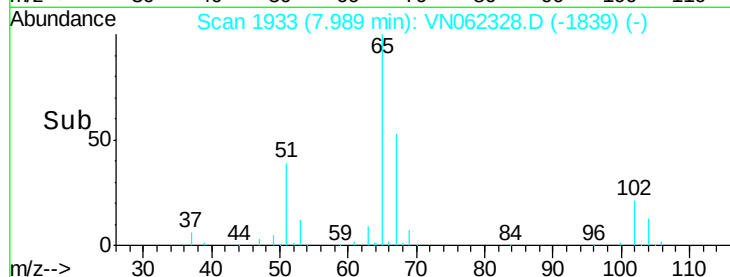
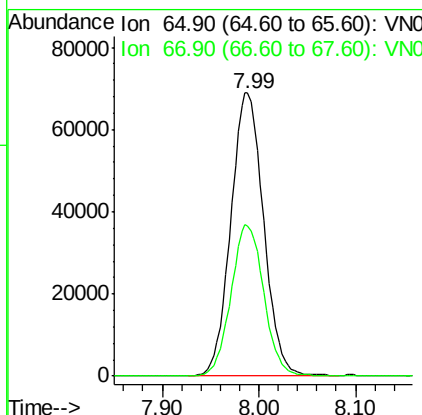
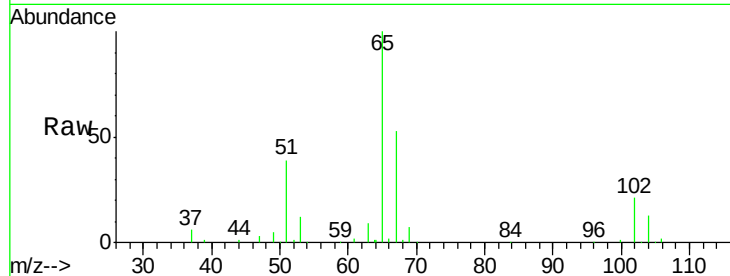




#33
 1,2-Dichloroethane-d4
 Concen: 60.056 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062328.D
 Acq: 2 Jul 2020 7:34

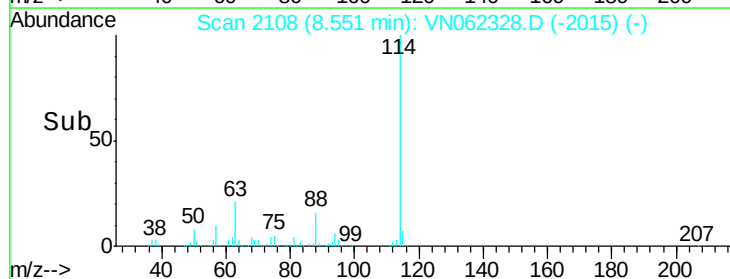
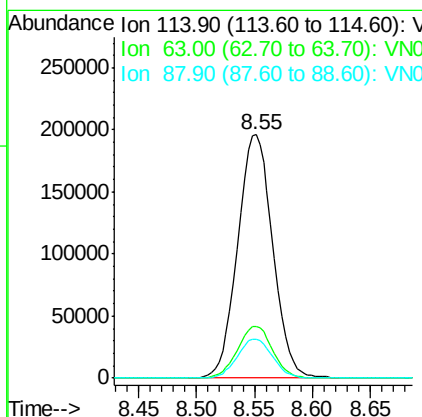
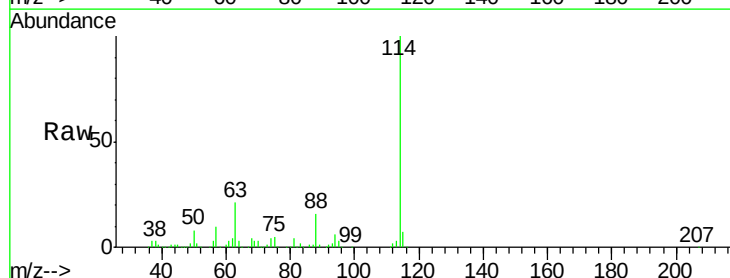
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-590-594

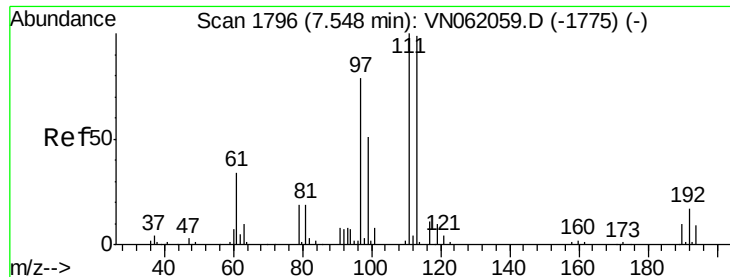
Tot Ion: 65 Resp: 162448
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062328.D
 Acq: 2 Jul 2020 7:34

Tgt Ion: 114 Resp: 412482
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.2
 88 16.1 0.0 30.8

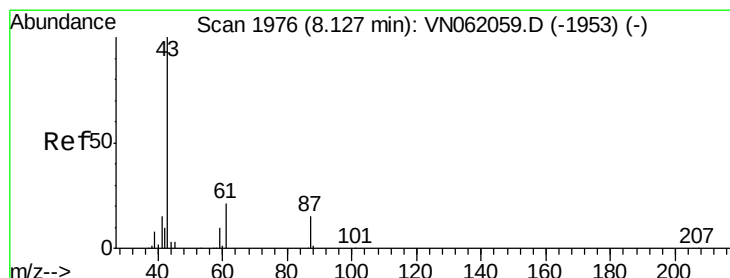
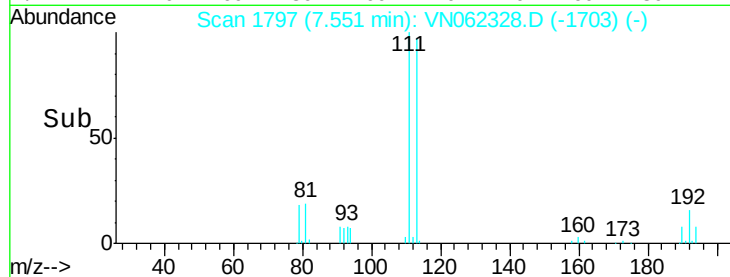
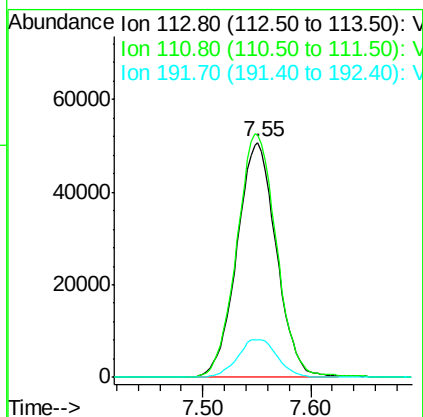
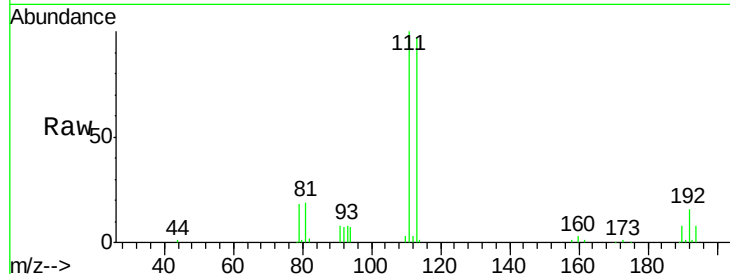




#35
 Dibromofluoromethane
 Concen: 48.528 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062328.D
 Acq: 2 Jul 2020 7:34

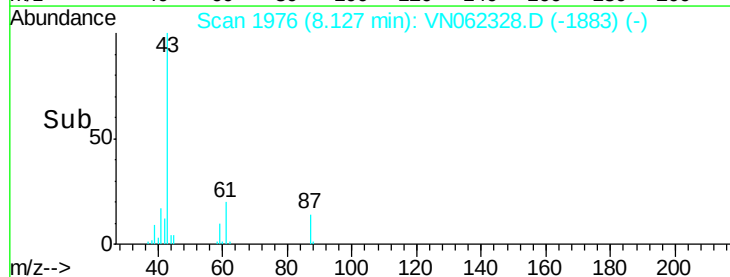
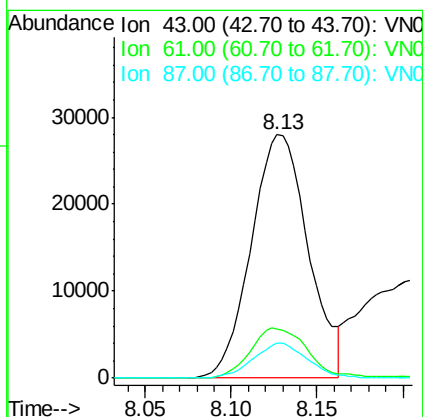
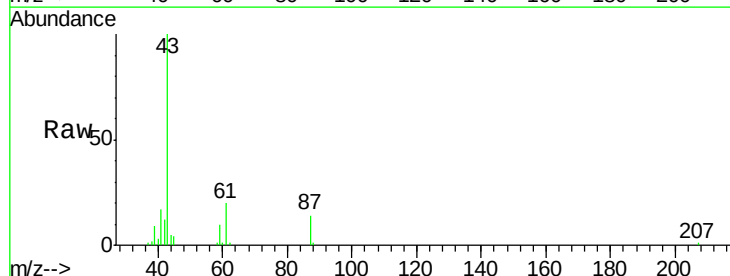
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-590-594

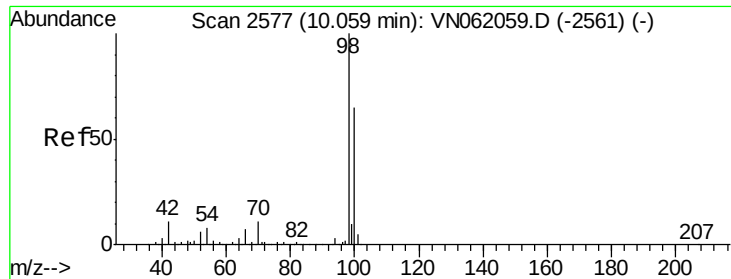
Tot Ion:113 Resp: 128418
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.2 123.4
 192 16.4 14.0 21.0



#43
 Isopropyl Acetate
 Concen: 11.529 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062328.D
 Acq: 2 Jul 2020 7:34

Tgt Ion: 43 Resp: 64523
 Ion Ratio Lower Upper
 43 100
 61 20.9 17.2 25.8
 87 13.5 12.1 18.1





#50

Toluene-d8

Concen: 51.055 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062328.D

Acq: 2 Jul 2020 7:34

Instrument :

MSVOA_N

ClientSampleId :

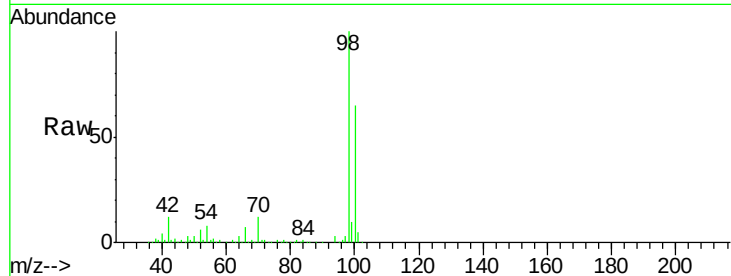
BP-MW180-SOIL-590-594

Tot Ion: 98 Resp: 540062

Ion Ratio Lower Upper

98 100

100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062059.D (-2561) (-)

10.06

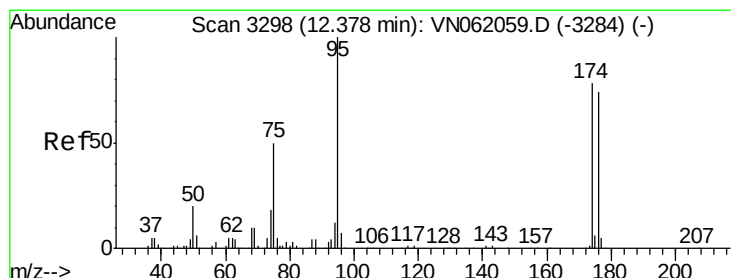
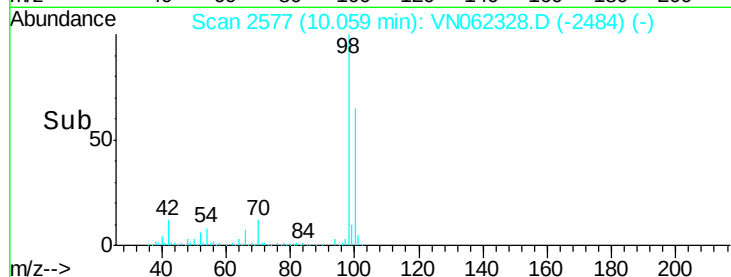
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.342 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062328.D

Acq: 2 Jul 2020 7:34

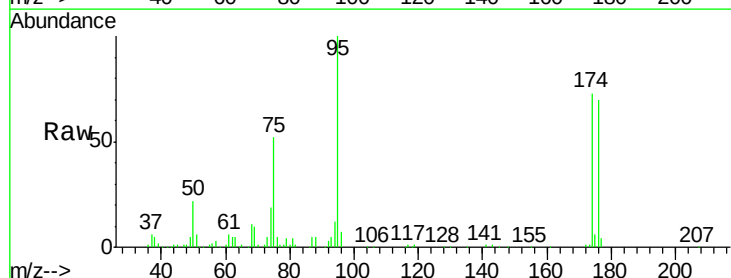
Tgt Ion: 95 Resp: 172768

Ion Ratio Lower Upper

95 100

174 72.7 0.0 154.8

176 69.9 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062059.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062059.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062059.D (-3284) (-)

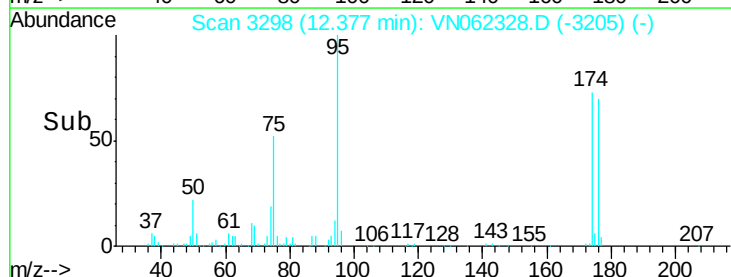
12.38

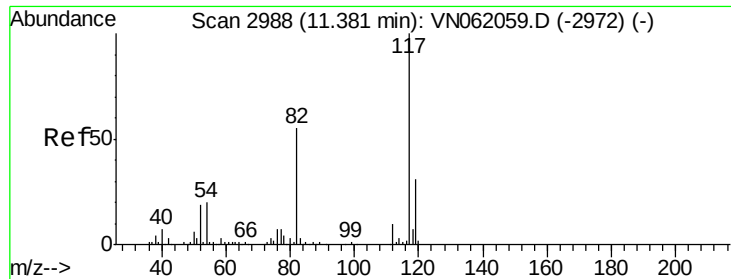
100000

50000

0

Time-->

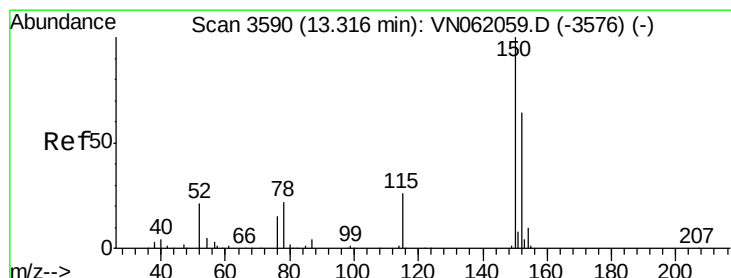
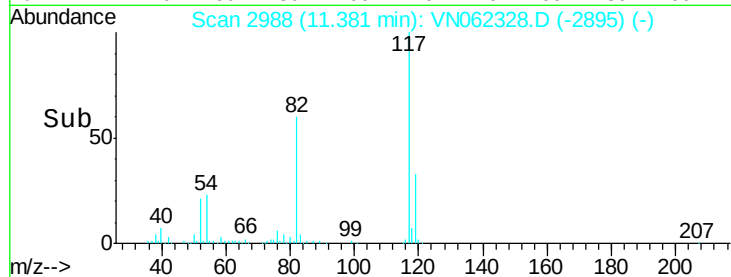
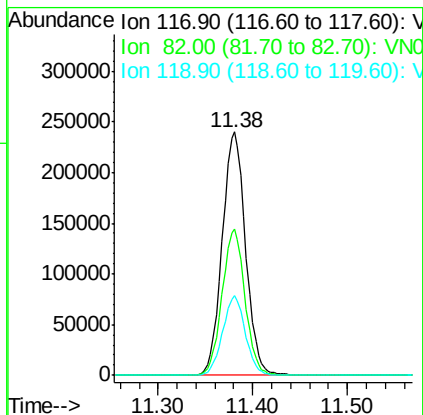
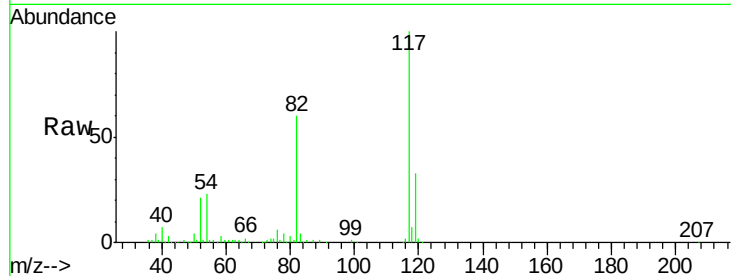




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062328.D
Acq: 2 Jul 2020 7:34

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MSVOA_N
ClientSampleId :
BP-MW180-SOIL-590-594

Tot Ion:117 Resp: 411993
Ion Ratio Lower Upper
117 100
82 60.0 43.8 65.8
119 32.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062328.D
Acq: 2 Jul 2020 7:34

Tgt Ion:152 Resp: 146758
Ion Ratio Lower Upper
152 100
115 60.8 29.5 88.5
150 156.1 0.0 351.4

