

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062350.D
 Acq On : 2 Jul 2020 22:07
 Operator : JC/MD
 Sample : L3151-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-584-588

Quant Time: Jul 03 04:12:19 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

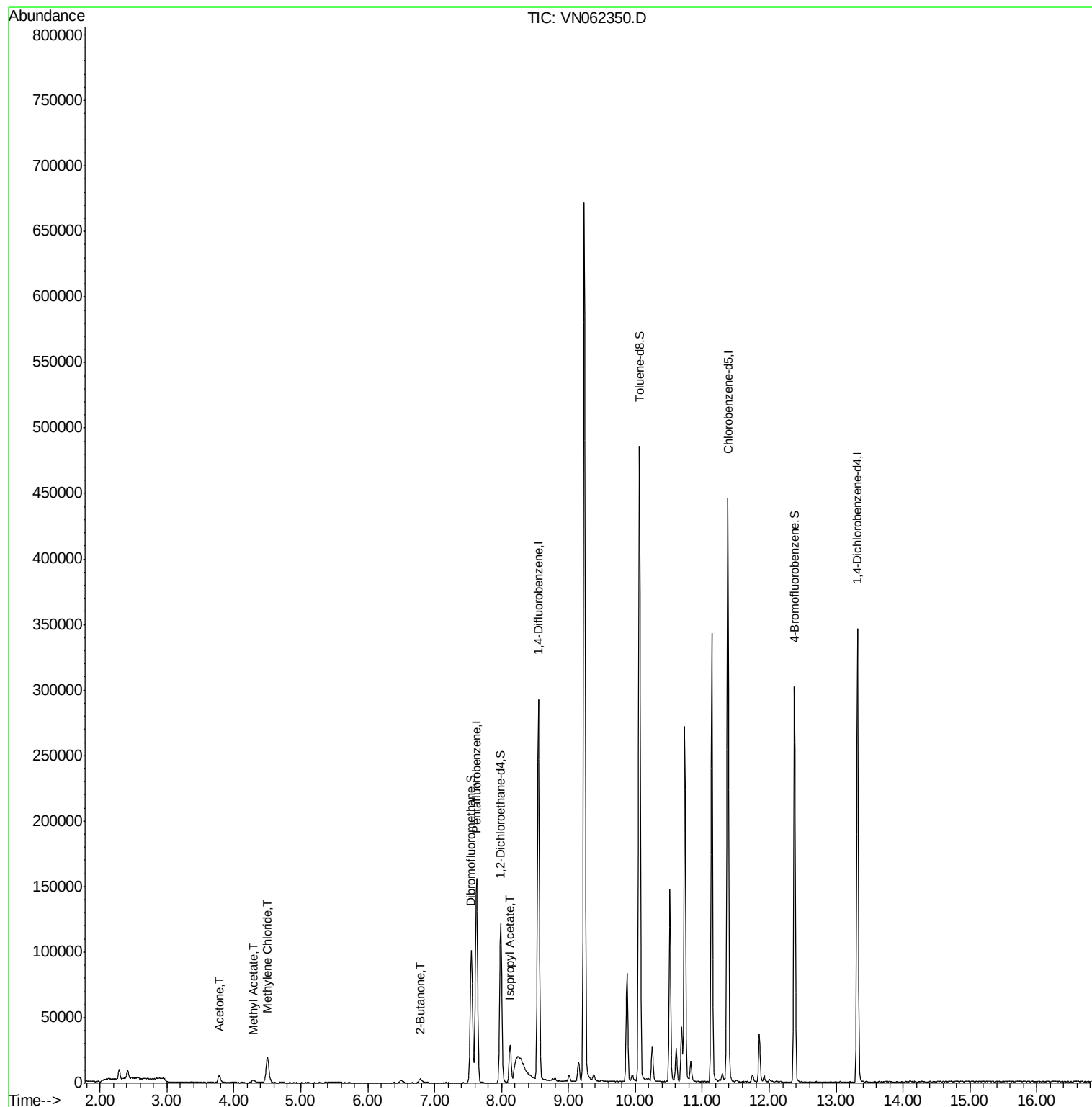
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	119620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	249301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	101507	60.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.94%	
35) Dibromofluoromethane	7.55	113	78852	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	10.06	98	328495	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.38	95	105499	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
Target Compounds						
16) Acetone	3.77	43	10337	15.823	ug/l	91
18) Methyl Acetate	4.29	43	4560	3.417	ug/l #	69
20) Methylene Chloride	4.50	84	15038	9.583	ug/l	93
25) 2-Butanone	6.79	43	4151	5.059	ug/l	95
43) Isopropyl Acetate	8.13	43	32598	9.566	ug/l	99

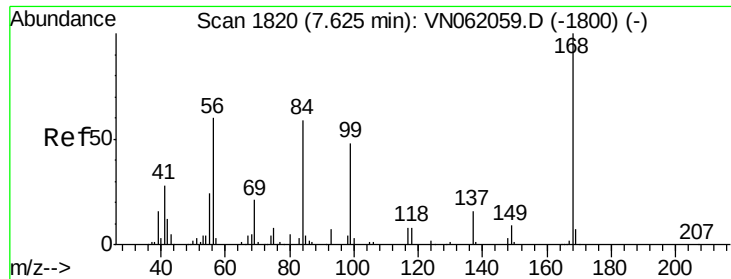
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062350.D

Acq: 2 Jul 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

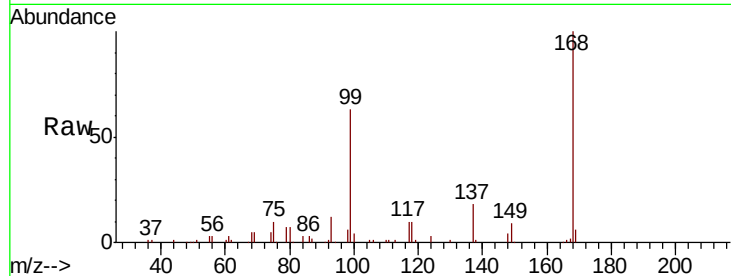
BP-MW180-SOIL-584-588

Tot Ion:168 Resp: 119620

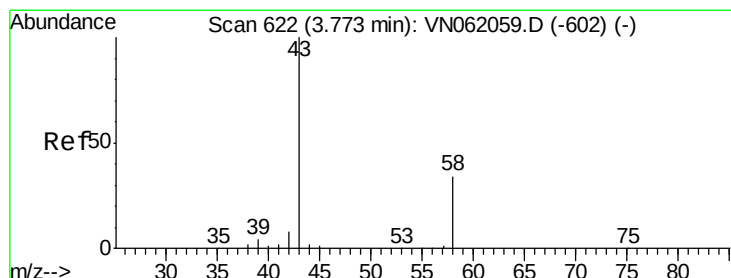
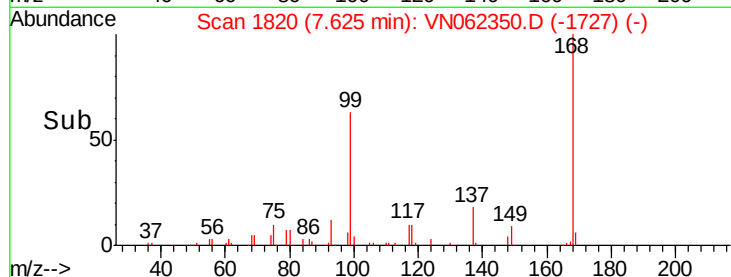
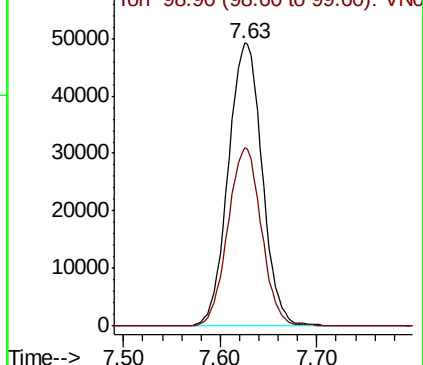
Ion Ratio Lower Upper

168 100

99 63.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): VN062350.D (-1727) (-)



#16

Acetone

Concen: 15.823 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062350.D

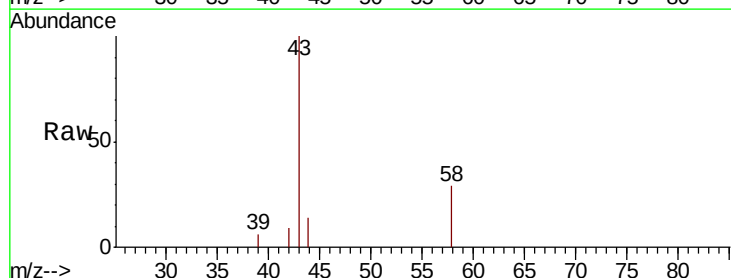
Acq: 2 Jul 2020 22:07

Tgt Ion: 43 Resp: 10337

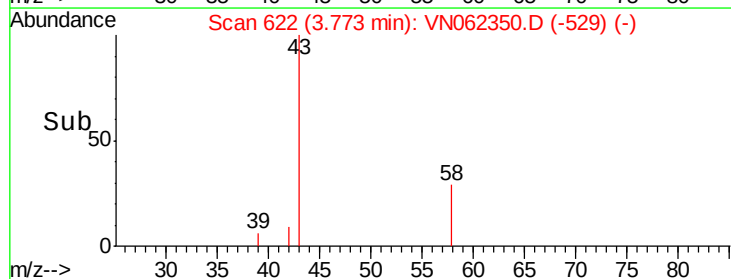
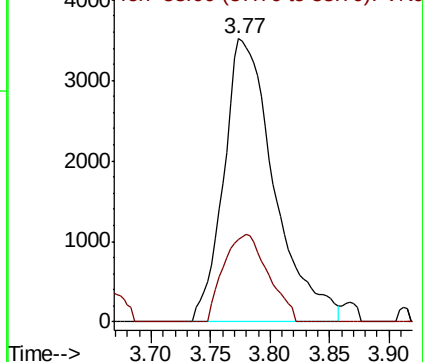
Ion Ratio Lower Upper

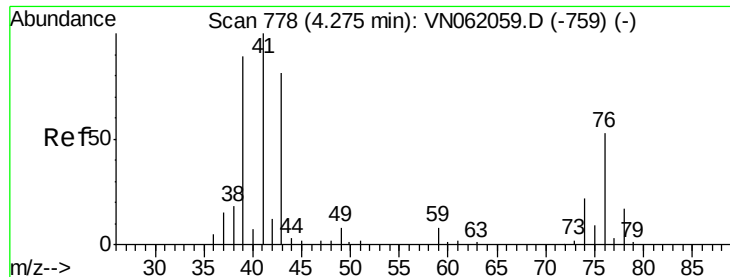
43 100

58 29.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062350.D (-529) (-)

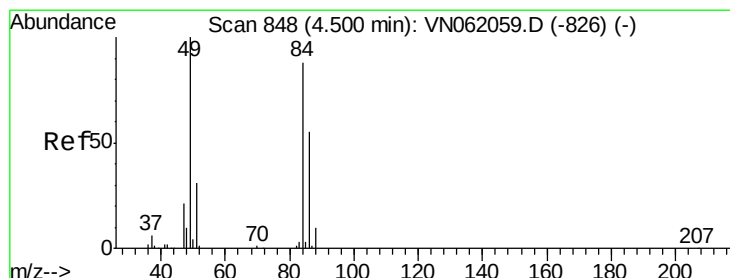
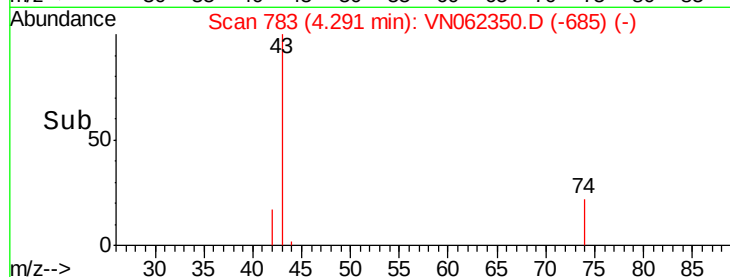
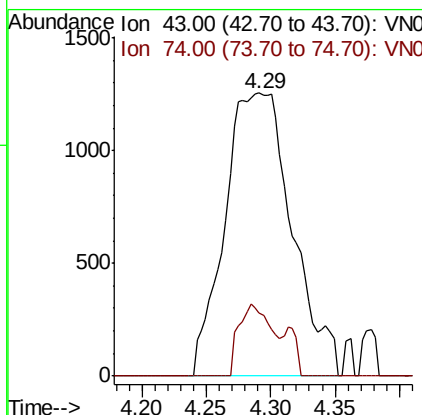
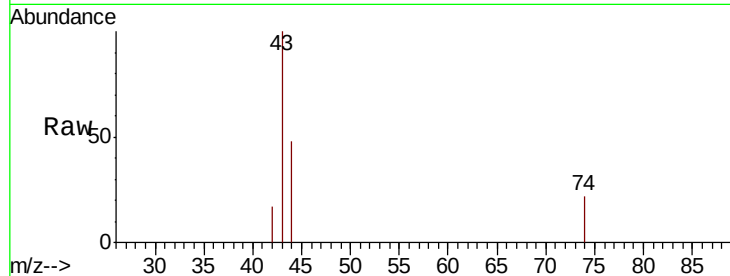




#18
Methyl Acetate
Concen: 3.417 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.02 min
Lab File: VN062350.D
Acq: 2 Jul 2020 22:07

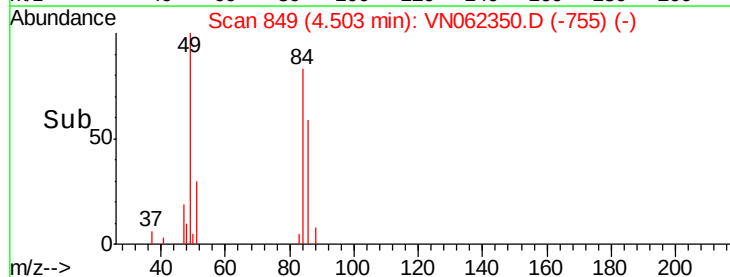
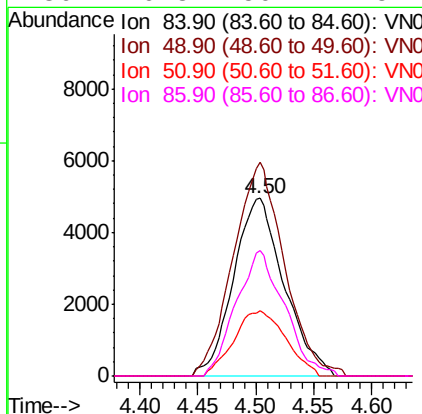
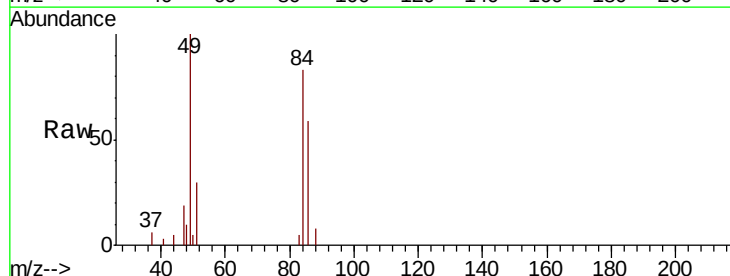
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-584-588

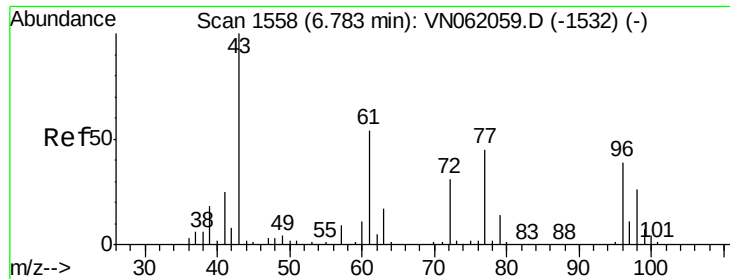
Tot Ion: 43 Resp: 4560
Ion Ratio Lower Upper
43 100
74 12.3 22.9 34.3#



#20
Methylene Chloride
Concen: 9.583 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062350.D
Acq: 2 Jul 2020 22:07

Tgt Ion: 84 Resp: 15038
Ion Ratio Lower Upper
84 100
49 120.3 90.6 136.0
51 36.4 27.8 41.8
86 70.8 50.1 75.1





#25

2-Butanone

Concen: 5.059 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN062350.D

Acq: 2 Jul 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

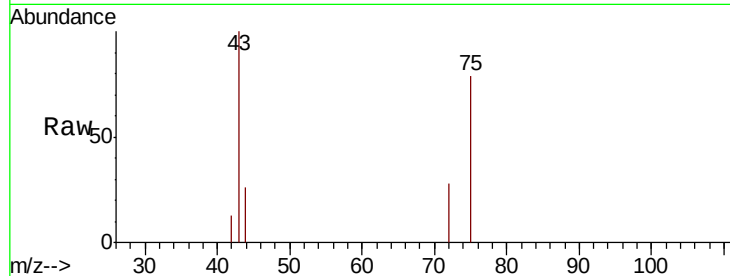
BP-MW180-SOIL-584-588

Tot Ion: 43 Resp: 4151

Ion Ratio Lower Upper

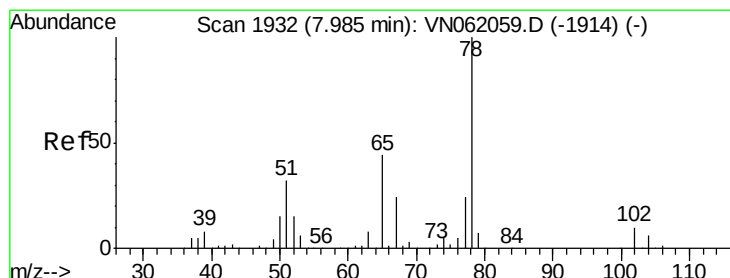
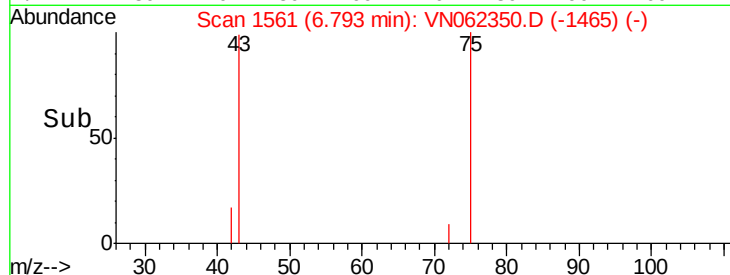
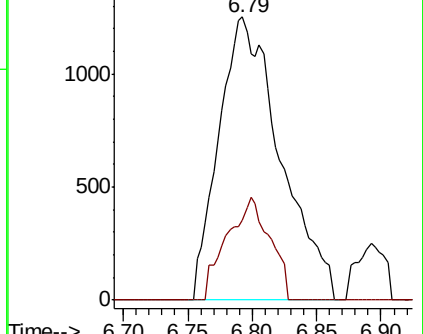
43 100

72 28.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1532) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1532) (-)



#33

1,2-Dichloroethane-d4

Concen: 60.469 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062350.D

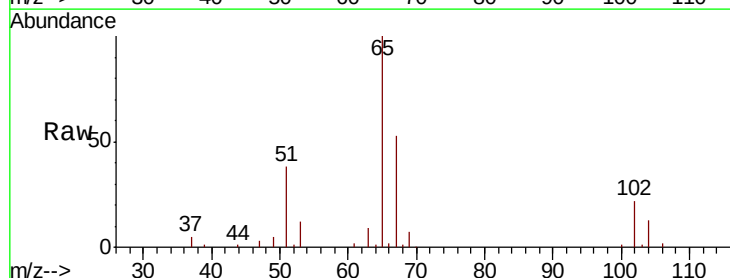
Acq: 2 Jul 2020 22:07

Tgt Ion: 65 Resp: 101507

Ion Ratio Lower Upper

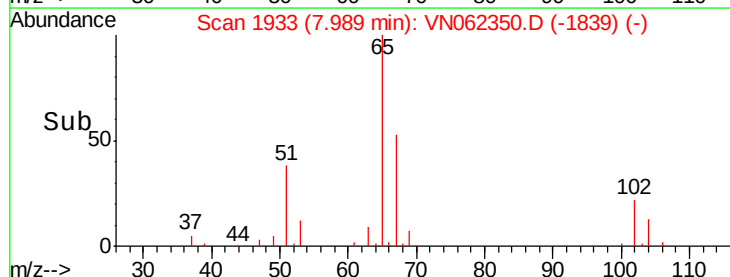
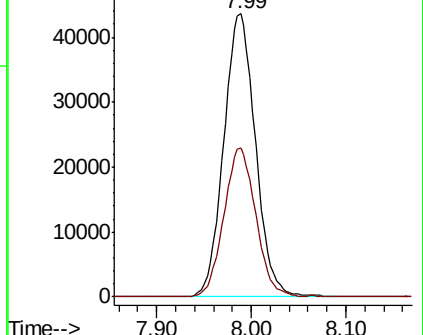
65 100

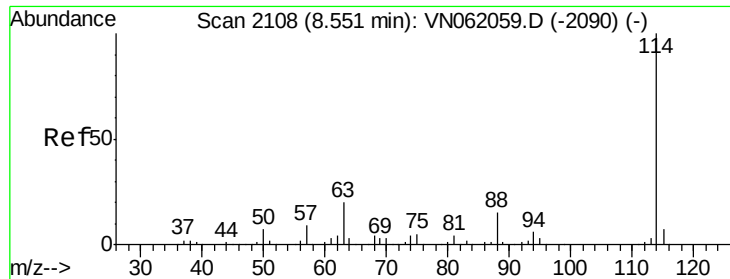
67 52.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062059.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062059.D (-1914) (-)

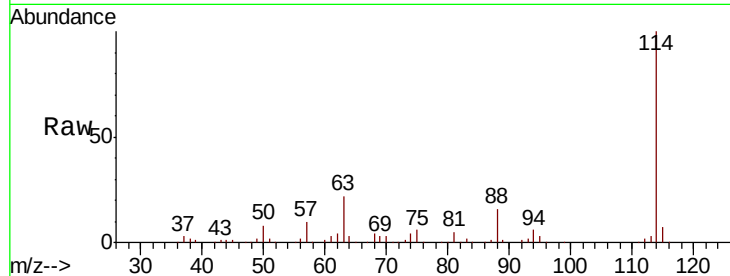




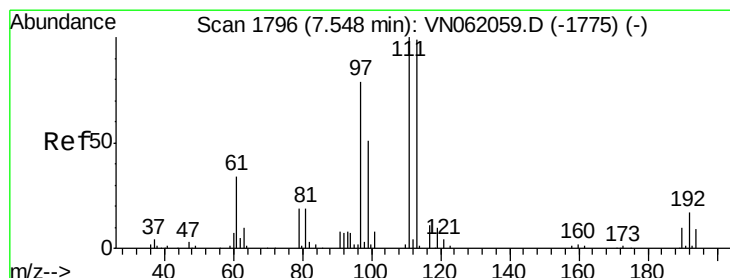
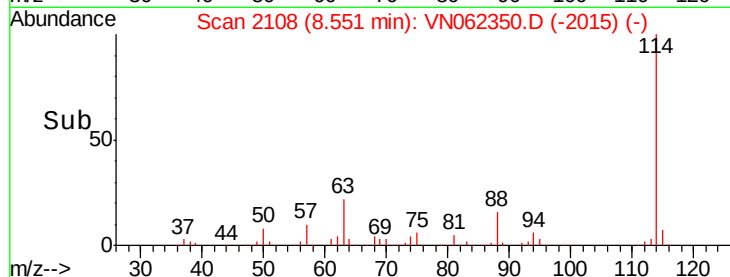
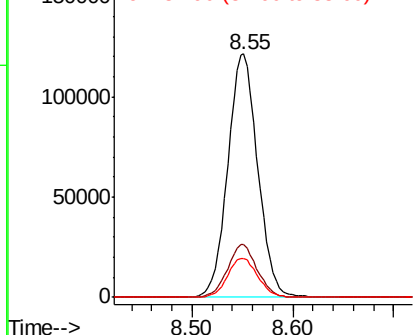
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062350.D
Acq: 2 Jul 2020 22:07

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-584-588

Tot Ion:114 Resp: 251153
Ion Ratio Lower Upper
114 100
63 21.6 0.0 39.2
88 16.2 0.0 30.8

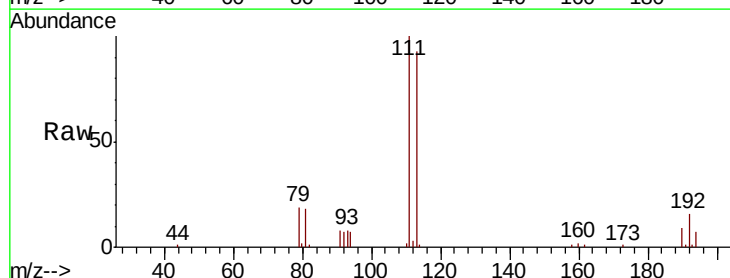


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

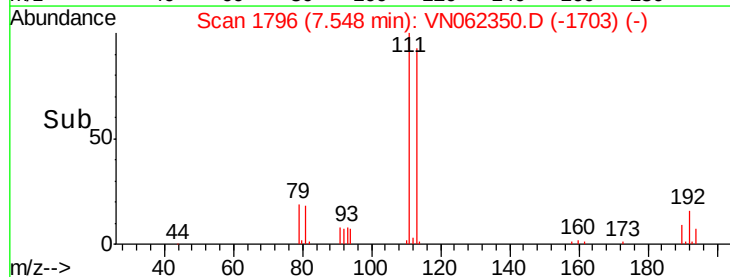
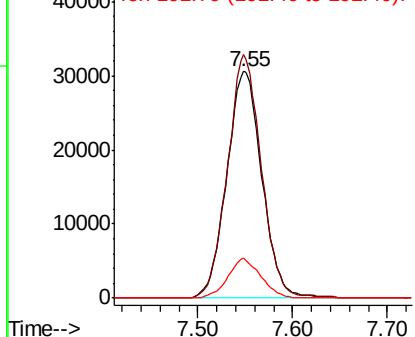


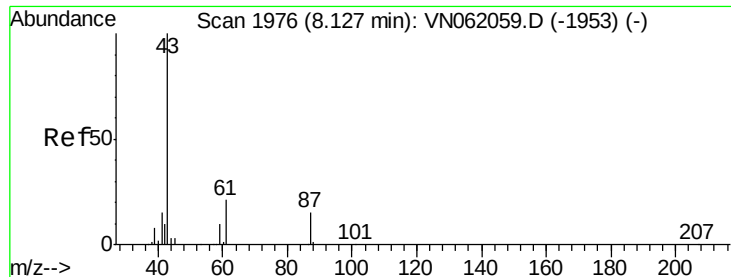
#35
Dibromofluoromethane
Concen: 48.938 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062350.D
Acq: 2 Jul 2020 22:07

Tgt Ion:113 Resp: 78852
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.3 14.0 21.0



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





#43

Isopropyl Acetate

Concen: 9.566 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062350.D

Acq: 2 Jul 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-584-588

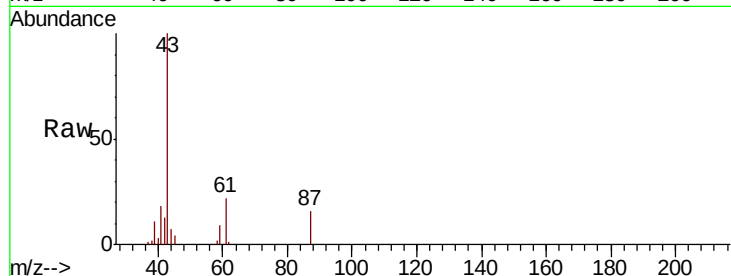
Tot Ion: 43 Resp: 32598

Ion Ratio Lower Upper

43 100

61 21.7 17.2 25.8

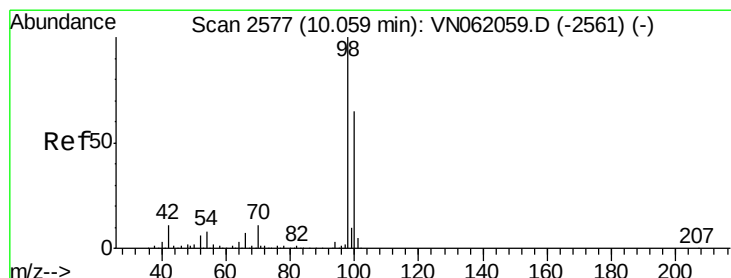
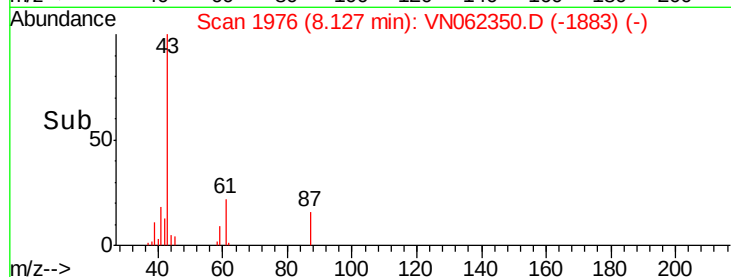
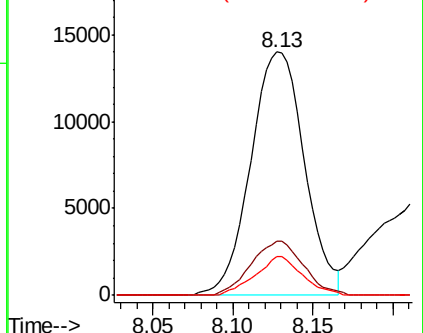
87 14.0 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062350.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062350.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062350.D (-1953) (-)



#50

Toluene-d8

Concen: 51.002 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062350.D

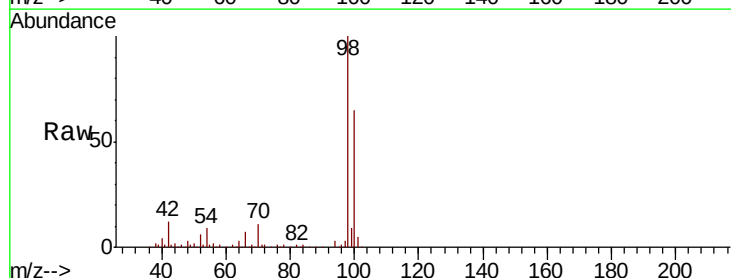
Acq: 2 Jul 2020 22:07

Tgt Ion: 98 Resp: 328495

Ion Ratio Lower Upper

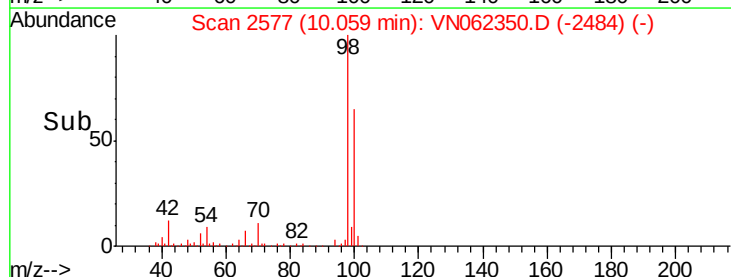
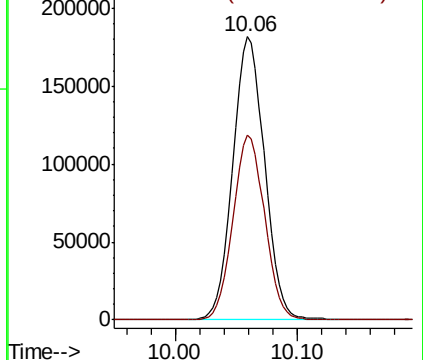
98 100

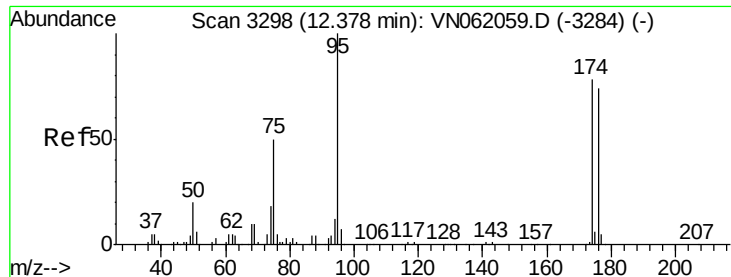
100 65.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062350.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062350.D (-2561) (-)

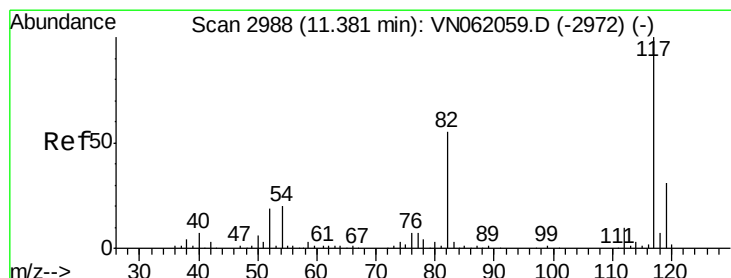
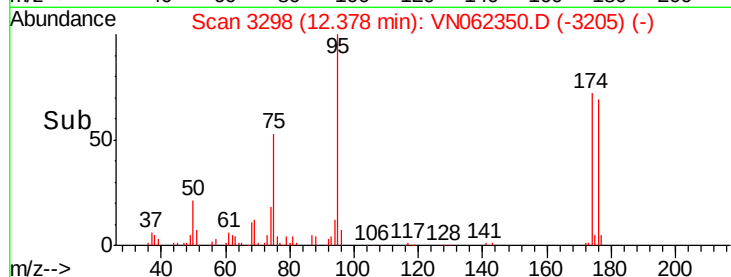
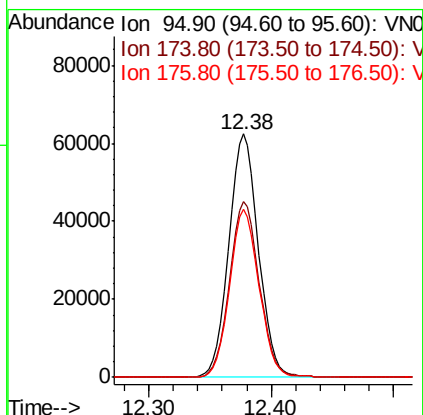
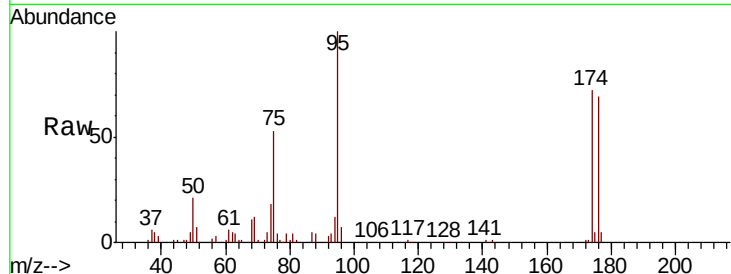




#62
4-Bromofluorobenzene
Concen: 48.482 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062350.D
Acq: 2 Jul 2020 22:07

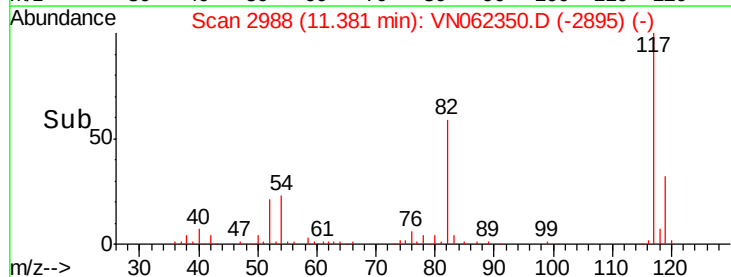
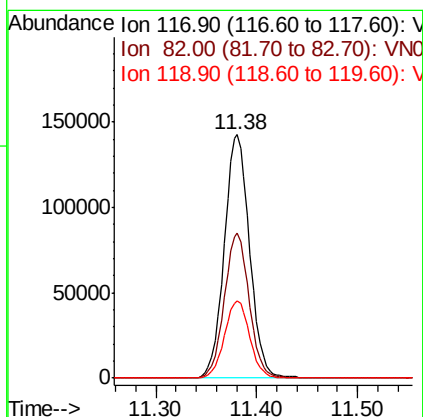
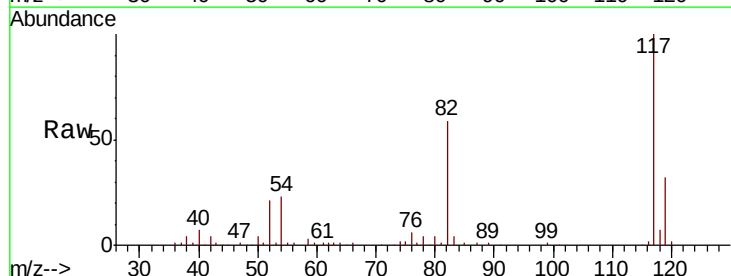
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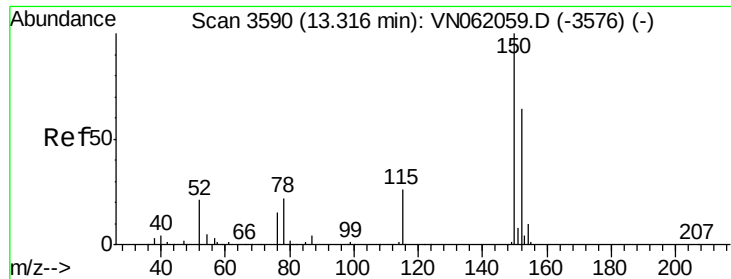
Tot Ion	95	Resp	105499
Ion Ratio	100		
Lower			
Upper			
174	72.8	0.0	154.8
176	69.0	0.0	147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062350.D
Acq: 2 Jul 2020 22:07

Tgt Ion	117	Resp	249301
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	59.5	43.8	65.8
119	31.9	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: VN062350.D

Acq: 2 Jul 2020 22:07

Instrument :

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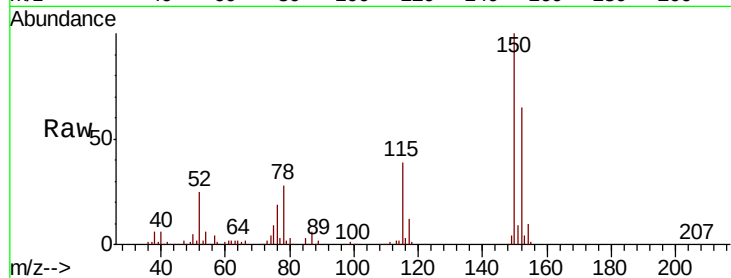
Tot Ion:152 Resp: 89979

Ion Ratio Lower Upper

152 100

115 61.5 29.5 88.5

150 156.4 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

