

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062224.D
 Acq On : 30 Jun 2020 7:00
 Operator : JC/MD
 Sample : L3136-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-572-574

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:42:20 AM

Quant Time: Jun 30 08:06:55 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	200812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	411014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	160233	56.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.72%	
35) Dibromofluoromethane	7.55	113	128488	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
50) Toluene-d8	10.06	98	538324	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.38	95	170357	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
Target Compounds						
16) Acetone	3.78	43	11534	9.136	ug/l	93
18) Methyl Acetate	4.29	43	4205m	1.877	ug/l	
20) Methylene Chloride	4.50	84	17462	6.562	ug/l	92
43) Isopropyl Acetate	8.13	43	44226	8.067	ug/l	99

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

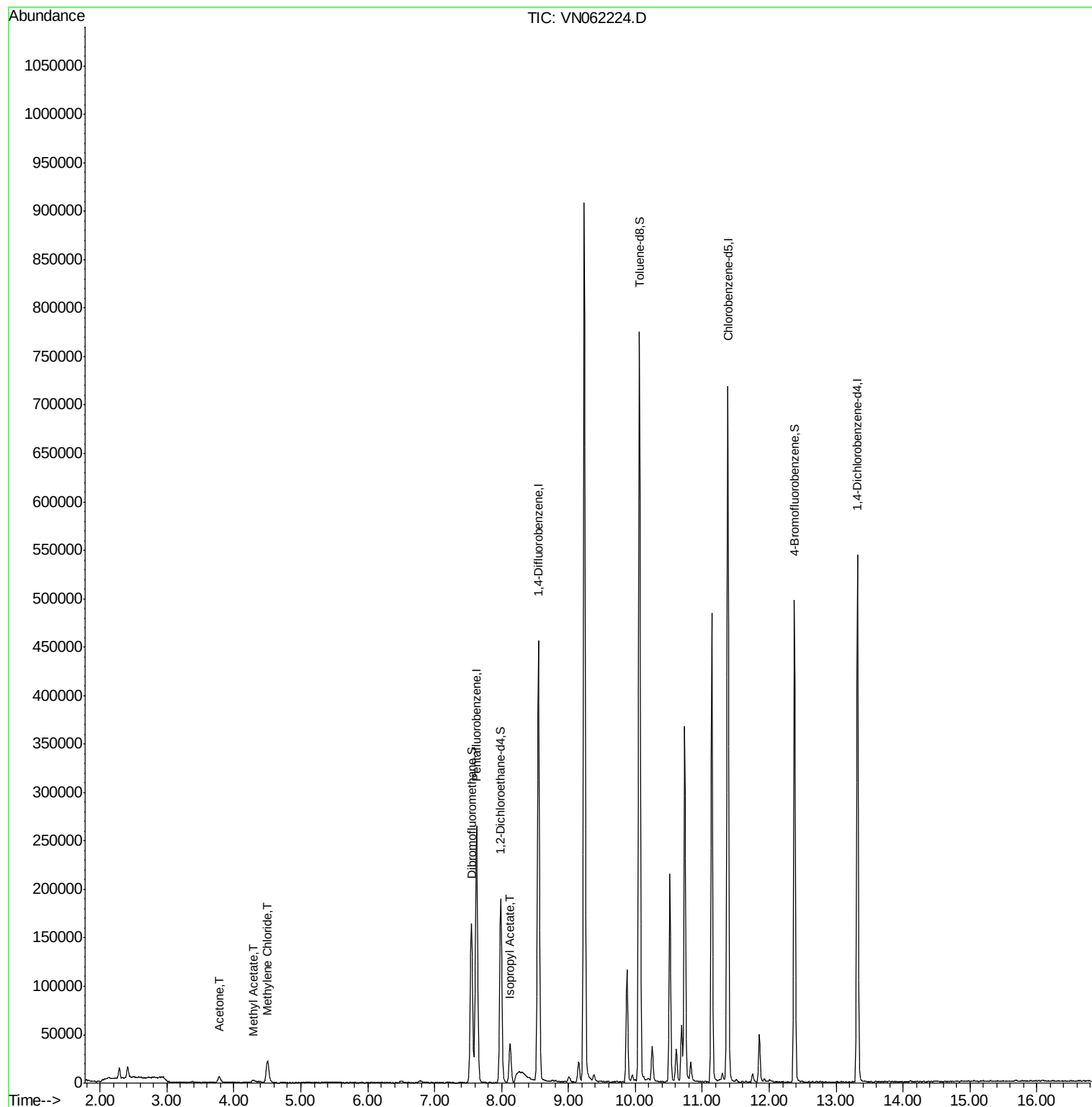
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062920\
Data File : VN062224.D
Acq On : 30 Jun 2020 7:00
Operator : JC/MD
Sample : L3136-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 48 Sample Multiplier: 1

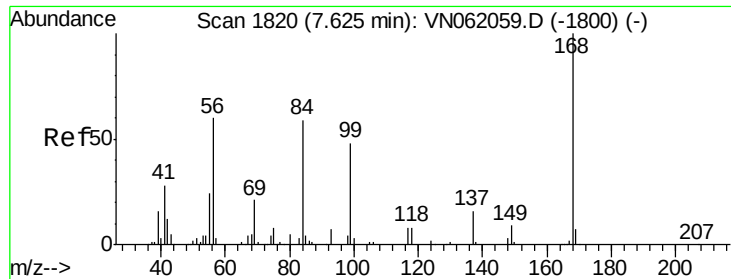
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-572-574

Manual Integrations
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6/30/2020 10:42:20 AM

Quant Time: Jun 30 08:06:55 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: VN062224.D

Acq: 30 Jun 2020 7:00

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-572-574

Tot Ion:168 Resp: 200812

Ion Ratio Lower Upper

168 100

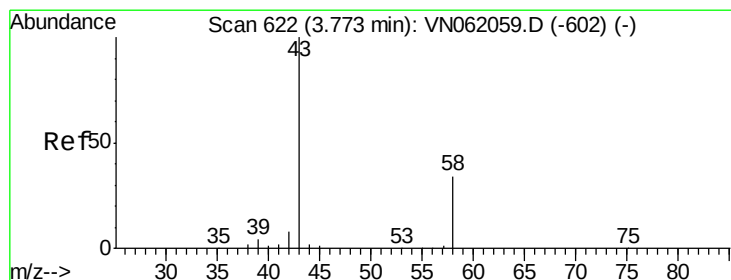
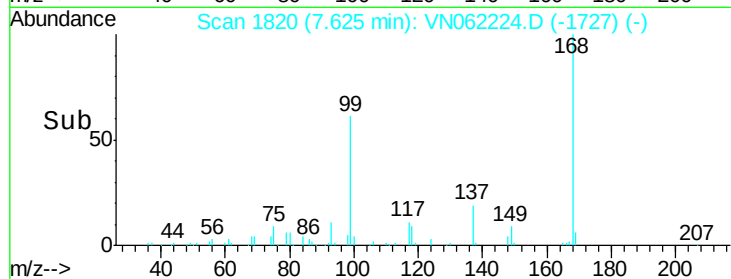
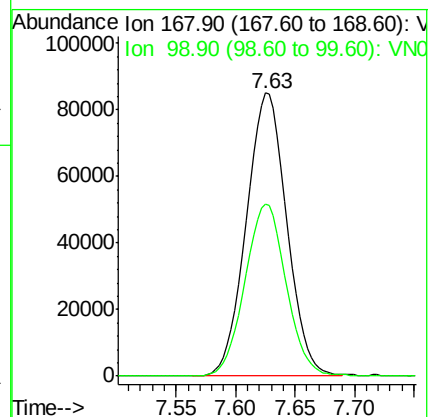
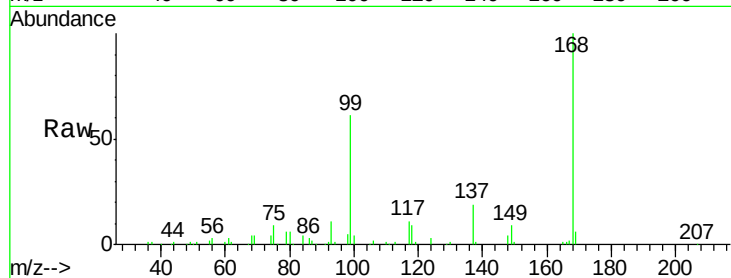
99 60.9 45.8 68.8

Manual Integrations

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#16

Acetone

Concen: 9.136 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062224.D

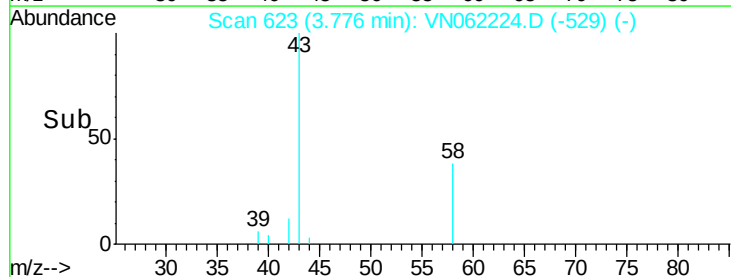
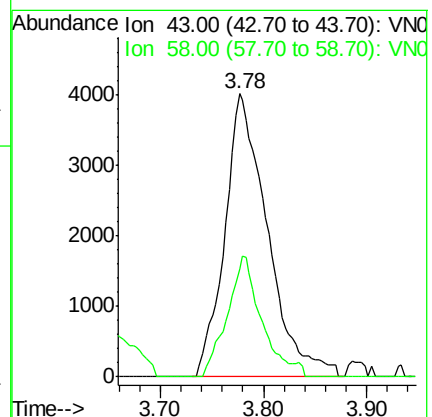
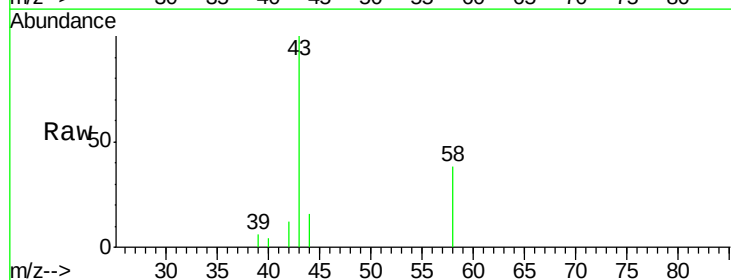
Acq: 30 Jun 2020 7:00

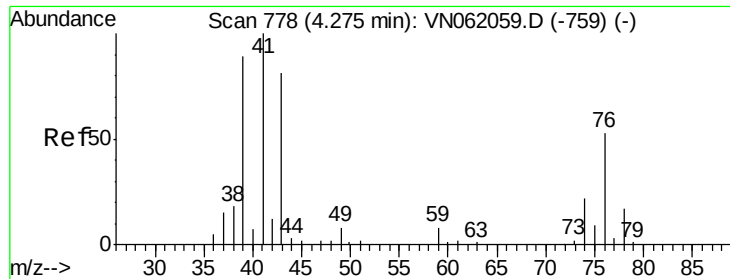
Tgt Ion: 43 Resp: 11534

Ion Ratio Lower Upper

43 100

58 38.4 27.5 41.3





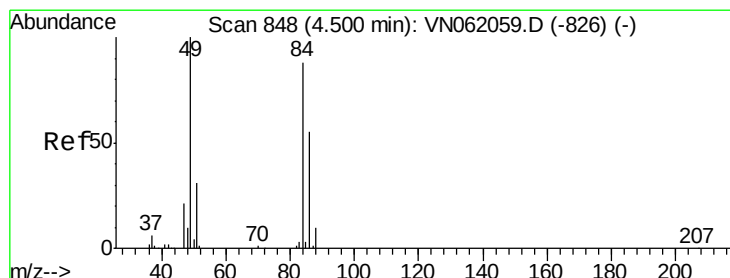
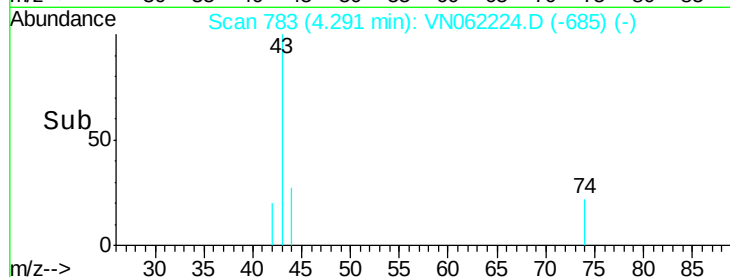
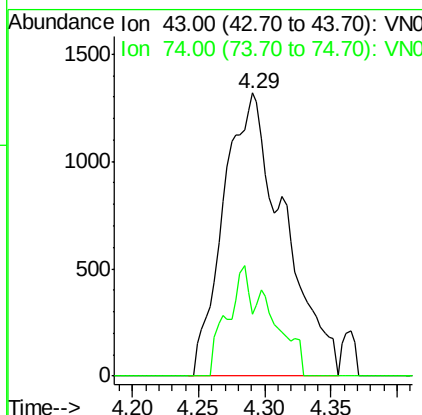
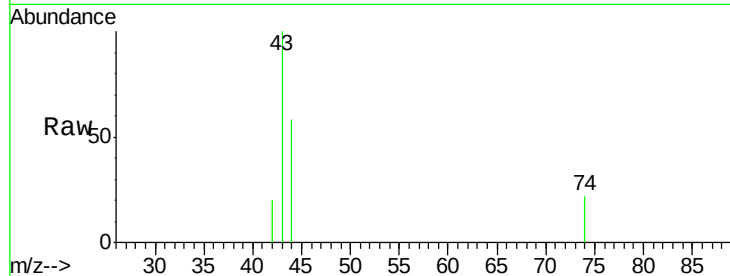
#18
Methyl Acetate
Concen: 1.877 ug/l m
RT: 4.29 min Scan# 783
Delta R.T. 0.02 min
Lab File: VN062224.D
Acq: 30 Jun 2020 7:00

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-572-574

Tot Ion: 43 Resp: 4205
Ion Ratio Lower Upper
43 100
74 15.0 22.9 34.3#

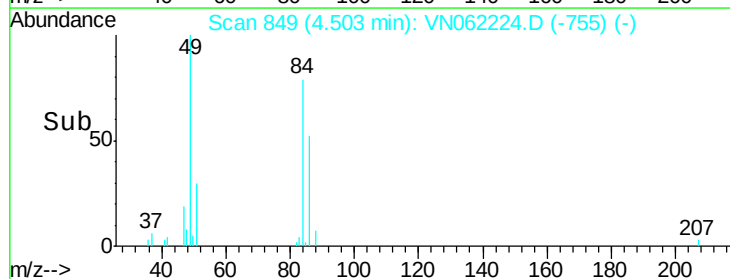
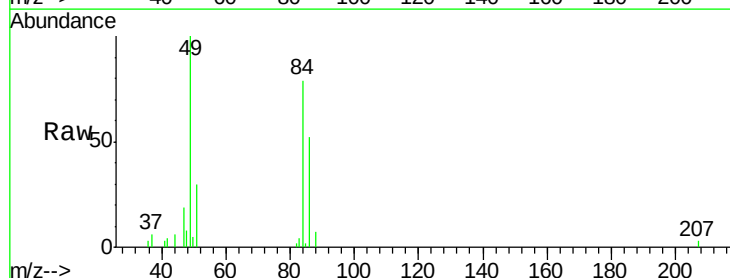
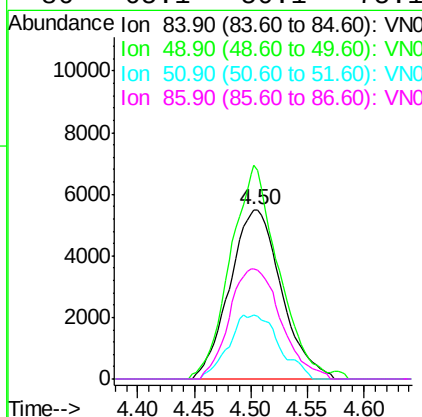
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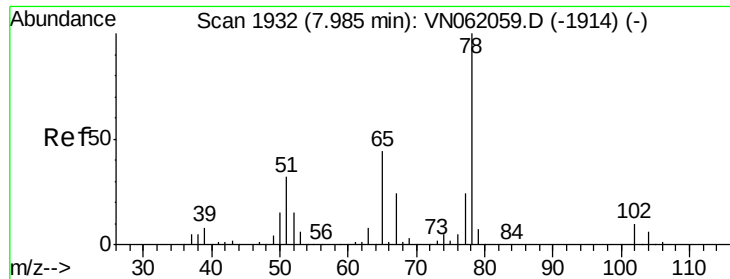
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#20
Methylene Chloride
Concen: 6.562 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062224.D
Acq: 30 Jun 2020 7:00

Tgt Ion: 84 Resp: 17462
Ion Ratio Lower Upper
84 100
49 126.4 90.6 136.0
51 38.2 27.8 41.8
86 65.1 50.1 75.1





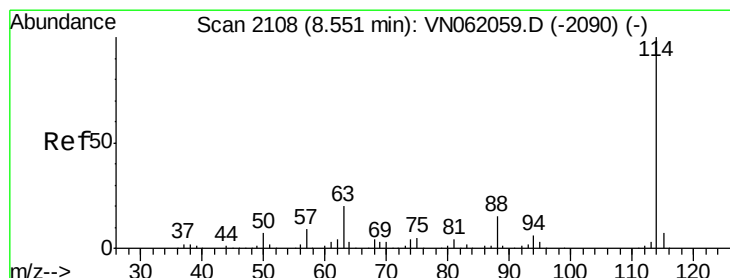
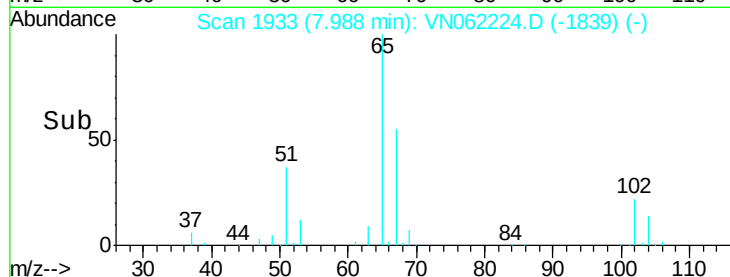
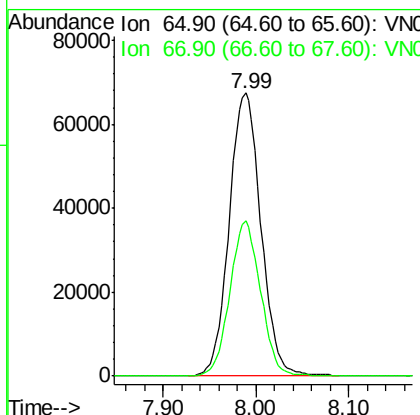
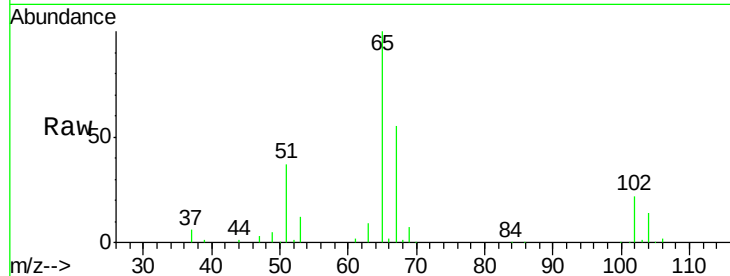
#33
 1,2-Dichloroethane-d4
 Concen: 56.859 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062224.D
 Acq: 30 Jun 2020 7:00

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-572-574

Tot Ion	Ratio	Resp	Lower	Upper
65	100	160233		
67	52.6	0.0	106.2	

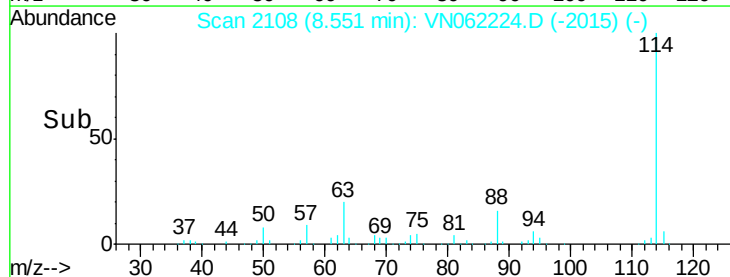
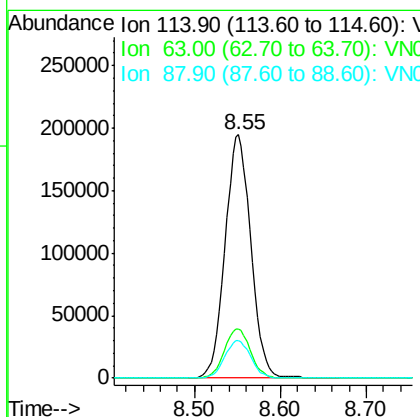
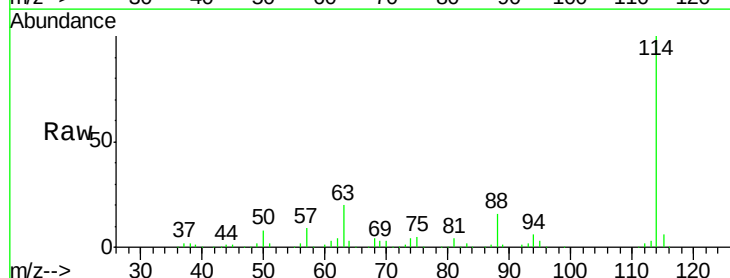
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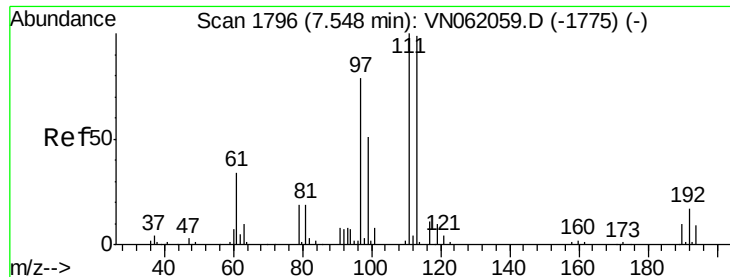
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062224.D
 Acq: 30 Jun 2020 7:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	404073		
63	20.4	0.0	39.2	
88	15.6	0.0	30.8	





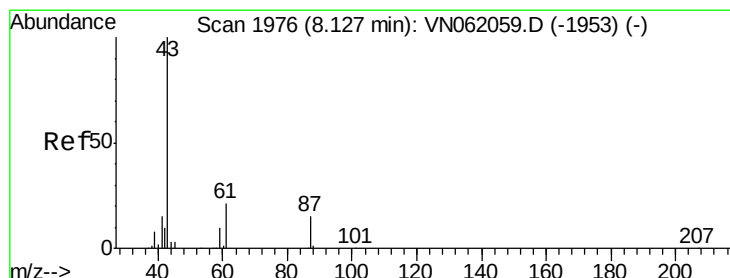
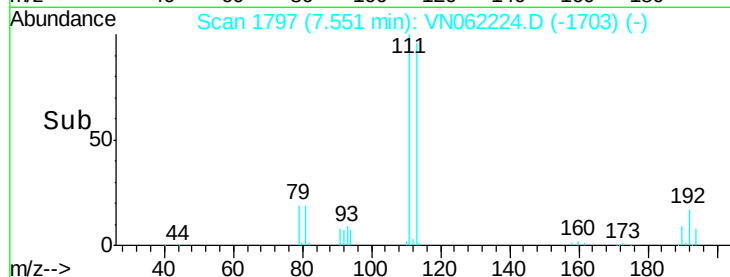
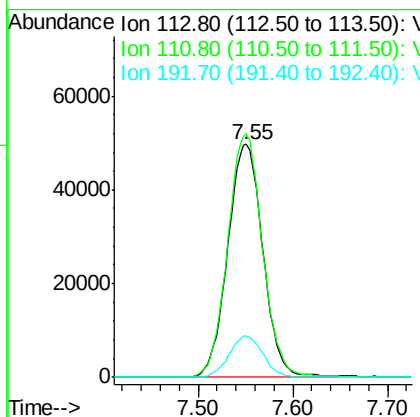
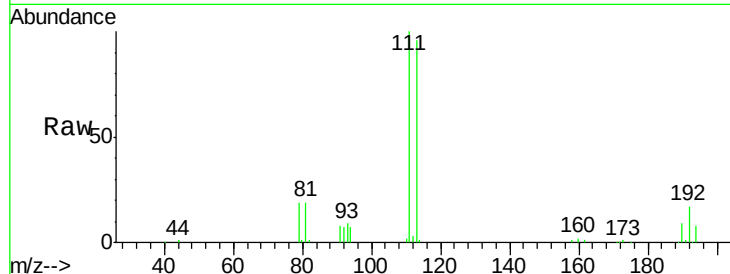
#35
 Dibromofluoromethane
 Concen: 49.565 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062224.D
 Acq: 30 Jun 2020 7:00

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-572-574

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.1	82.2	123.4	
192	17.1	14.0	21.0	

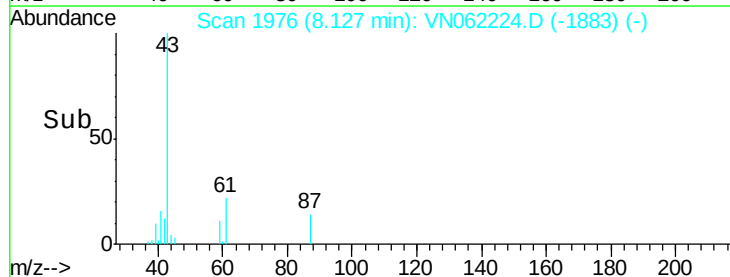
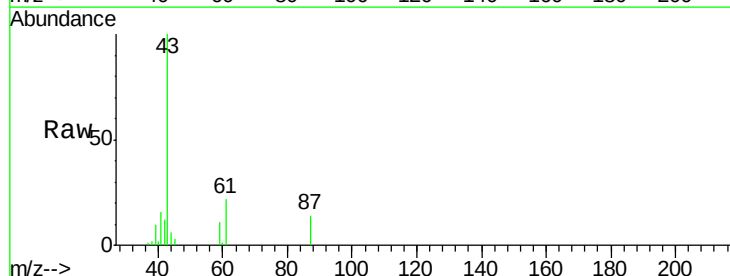
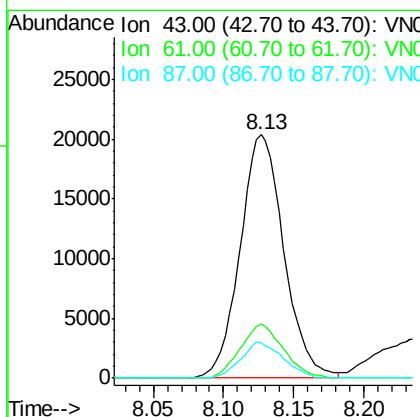
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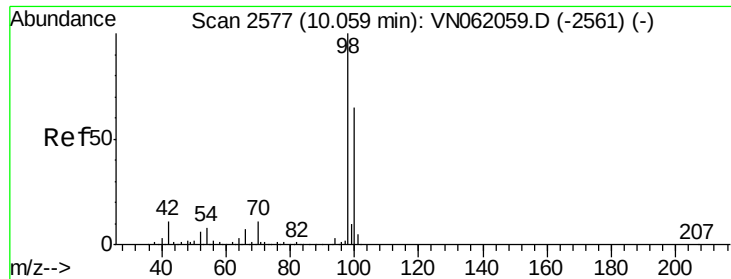
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 6/30/2020 10:42:20 AM



#43
 Isopropyl Acetate
 Concen: 8.067 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062224.D
 Acq: 30 Jun 2020 7:00

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	21.6	17.2	25.8	
87	14.1	12.1	18.1	





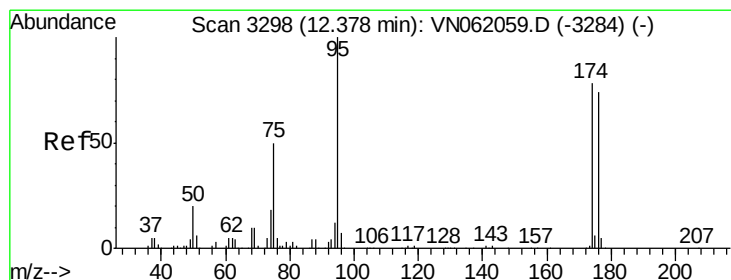
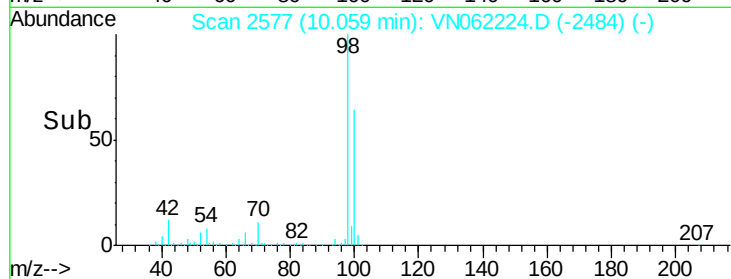
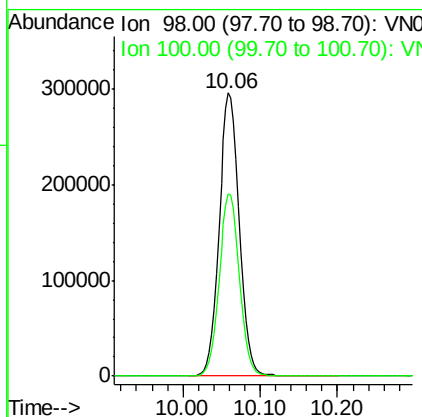
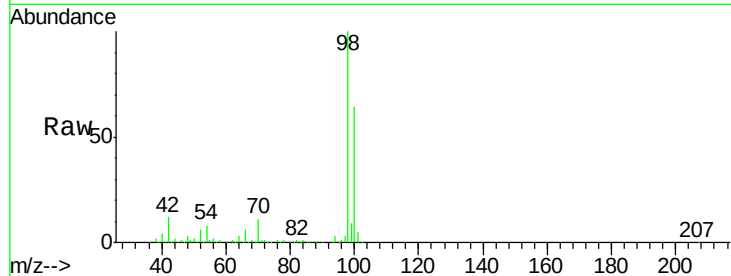
#50
Toluene-d8
Concen: 51.950 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062224.D
Acq: 30 Jun 2020 7:00

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-572-574

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.2	76.8

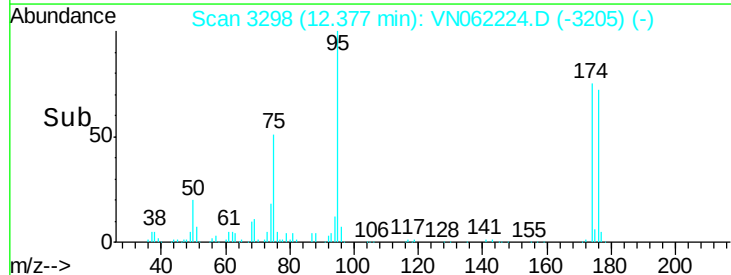
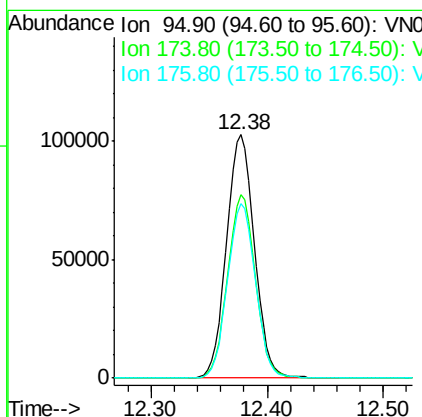
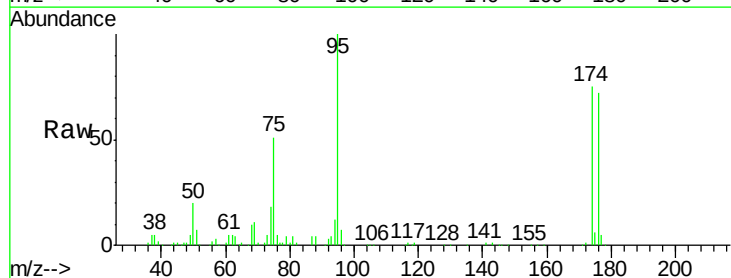
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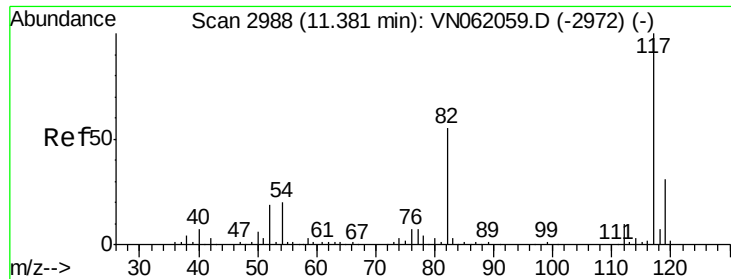
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#62
4-Bromofluorobenzene
Concen: 48.659 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062224.D
Acq: 30 Jun 2020 7:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	154.8
176	71.7	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: VN062224.D

Acq: 30 Jun 2020 7:00

Instrument :

MSVOA_N

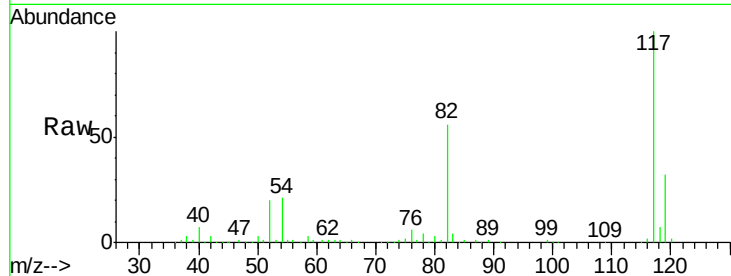
ClientSampleId :

BP-MW180-SOIL-572-574

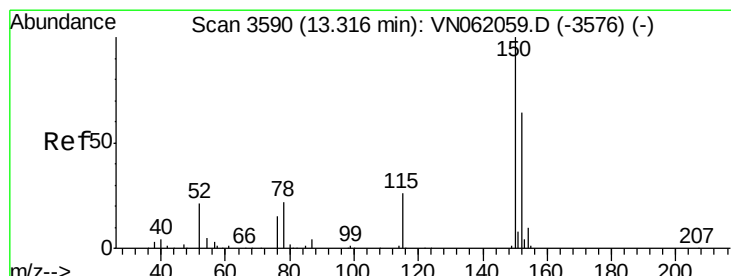
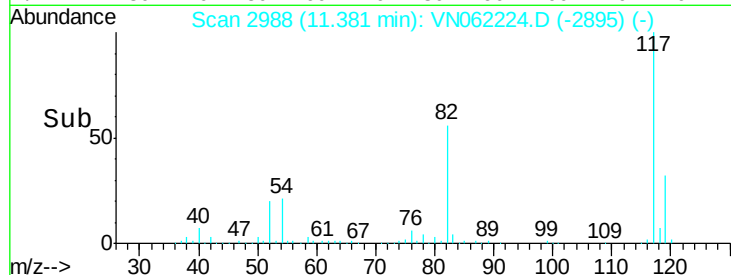
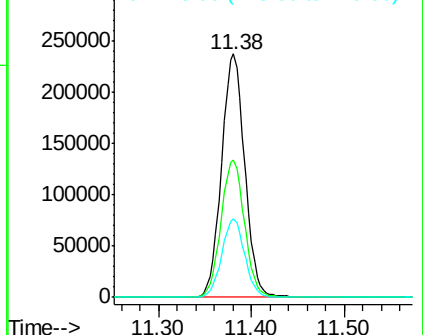
Tot Ion:	117	Resp:	411014
Ion Ratio	Lower	Upper	
117	100		
82	56.4	43.8	65.8
119	32.2	25.2	37.8

Manual Integrations
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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

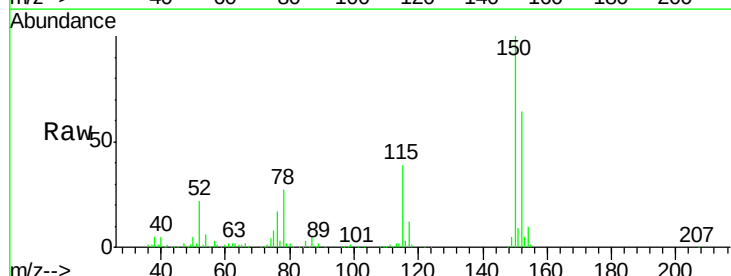
RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062224.D

Acq: 30 Jun 2020 7:00

Tgt Ion:	152	Resp:	144670
Ion Ratio	Lower	Upper	
152	100		
115	60.2	29.5	88.5
150	156.1	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

