

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076159.D
 Acq On : 09 Jan 2023 16:28
 Operator : JC\MD
 Sample : PB150106TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150106TB

Quant Time: Jan 10 01:08:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

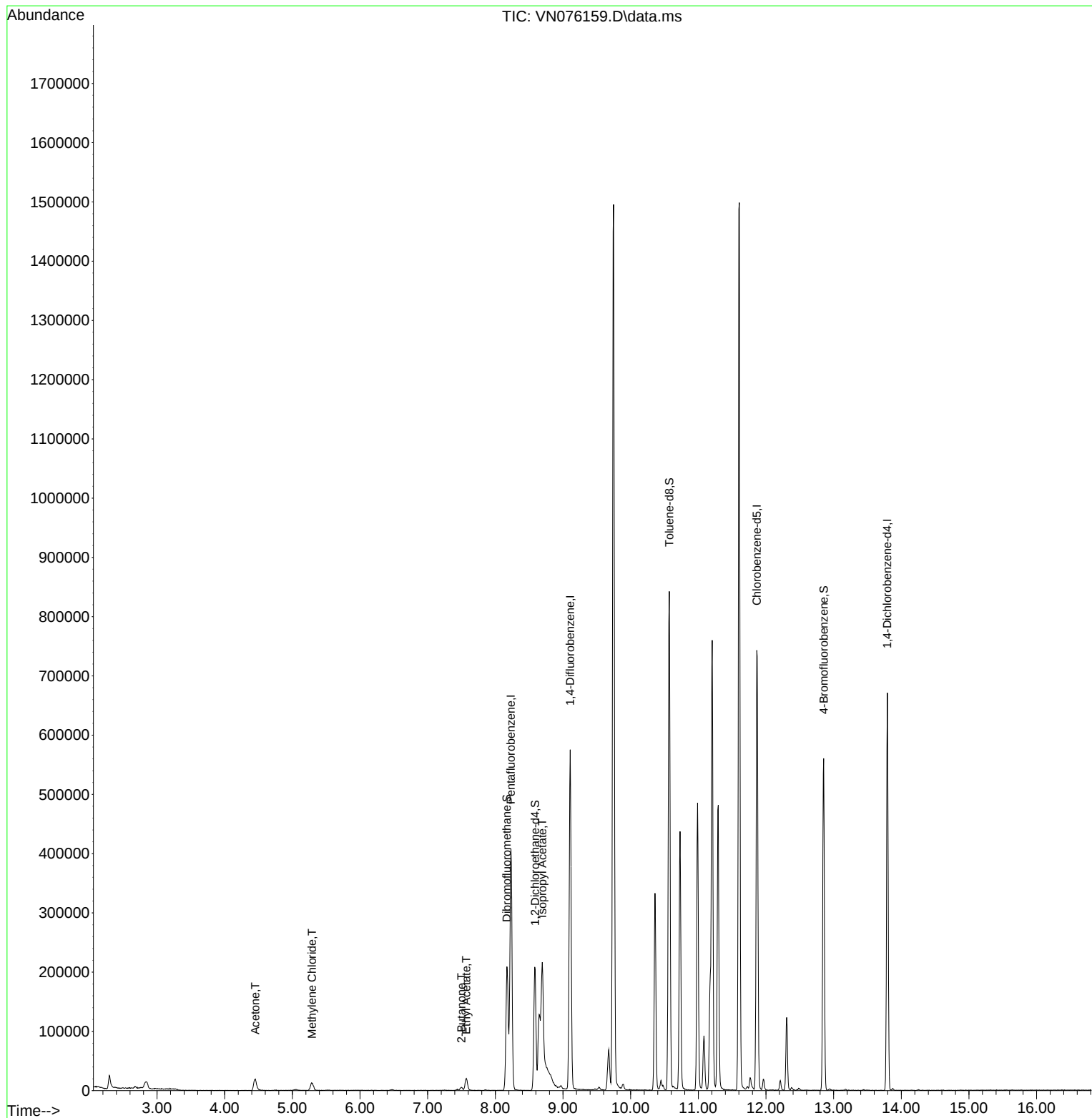
Internal Standards						
1) Pentafluorobenzene	8.229	168	309723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	508631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	455255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	169261	50.233	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.460%	
35) Dibromofluoromethane	8.171	113	149756	47.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.080%	
50) Toluene-d8	10.570	98	600198	50.963	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.853	95	186151	47.723	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.440%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	37980	32.698	ug/l	92
20) Methylene Chloride	5.288	84	11047	2.953	ug/l #	84
25) 2-Butanone	7.500	43	8603	5.290	ug/l #	75
37) Ethyl Acetate	7.571	43	31985	9.516	ug/l	98
43) Isopropyl Acetate	8.694	43	417833	75.363	ug/l #	65

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

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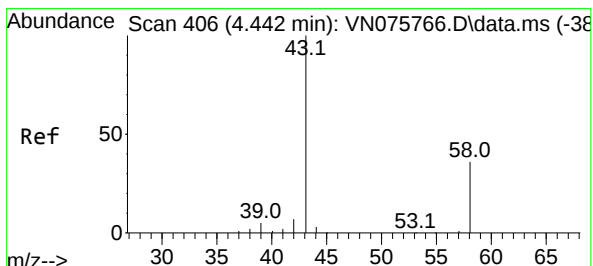
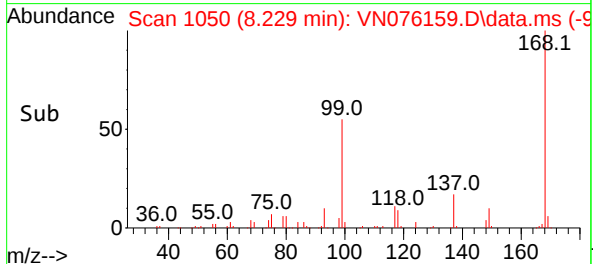
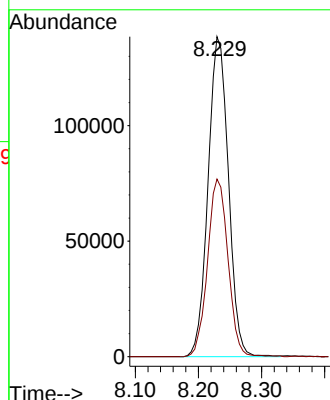
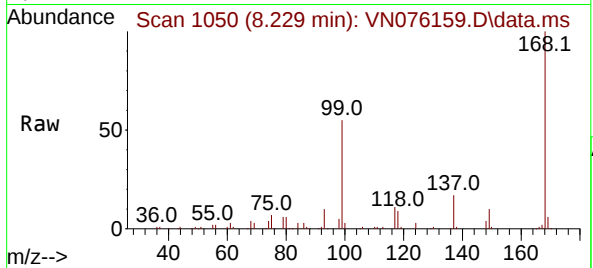




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076159.D
Acq: 09 Jan 2023 16:28

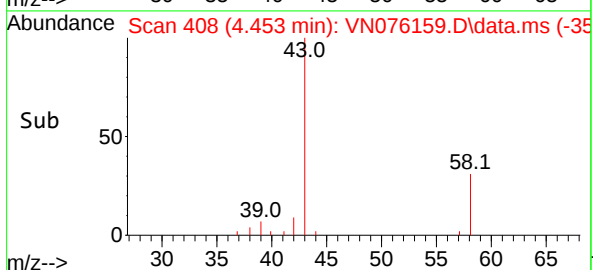
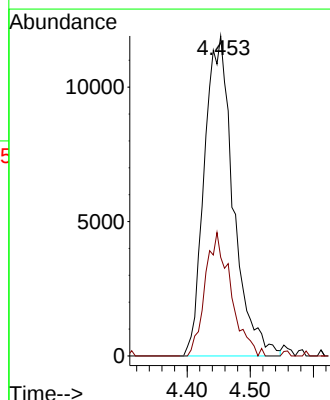
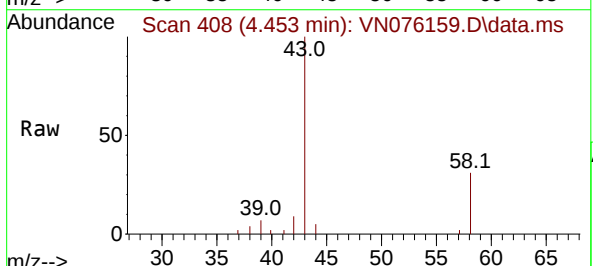
Instrument :
MSVOA_N
ClientSampleId :
PB150106TB

Tgt Ion:168 Resp: 309723
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#16
Acetone
Concen: 32.698 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076159.D
Acq: 09 Jan 2023 16:28

Tgt Ion: 43 Resp: 37980
Ion Ratio Lower Upper
43 100
58 30.8 28.6 43.0

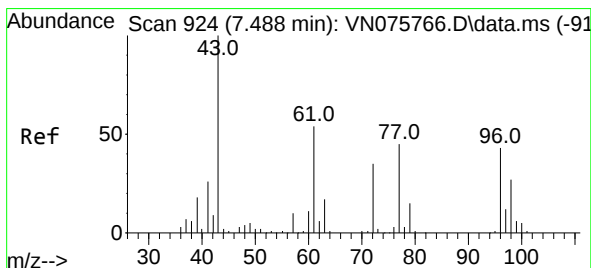
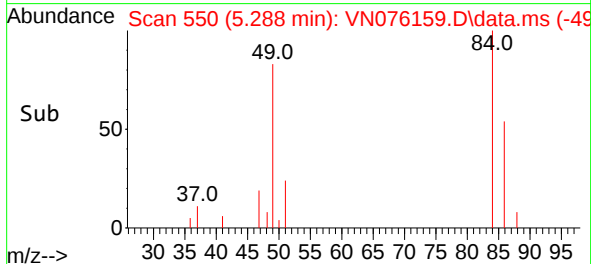
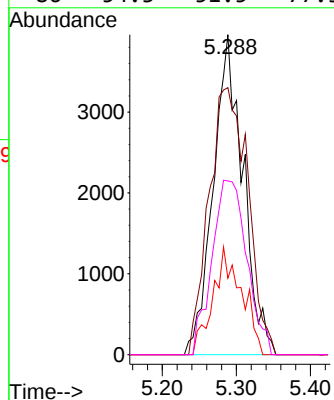
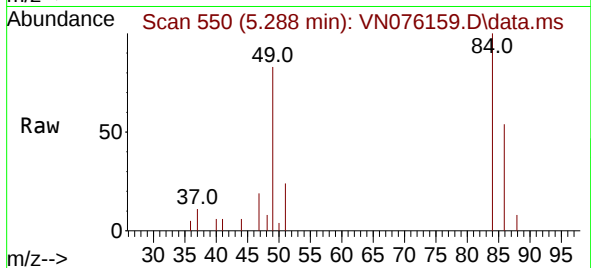




#20
Methylene Chloride
Concen: 2.953 ug/l
RT: 5.288 min Scan# 511
Delta R.T. -0.001 min
Lab File: VN076159.D
Acq: 09 Jan 2023 16:28

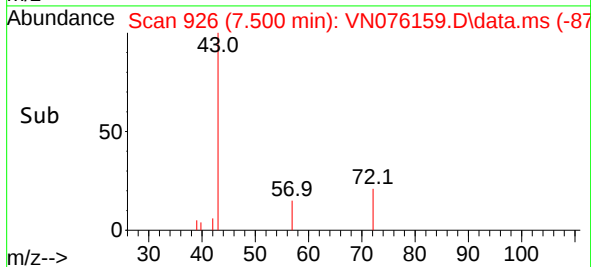
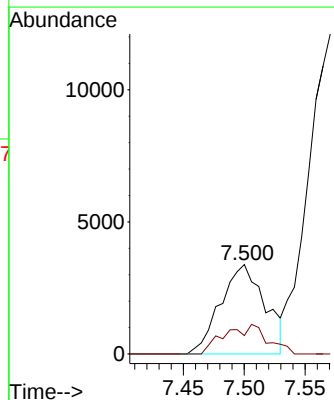
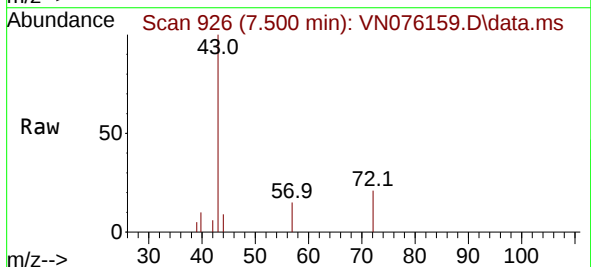
Instrument :
MSVOA_N
ClientSampleId :
PB150106TB

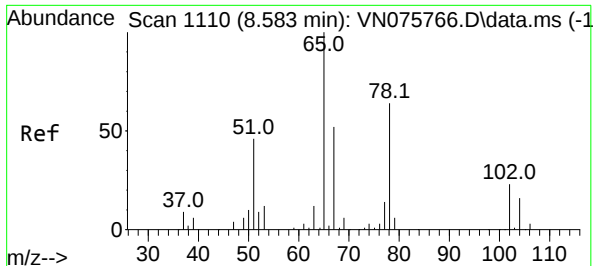
Tgt Ion: 84	Resp: 11047
Ion Ratio	Lower Upper
84 100	
49 83.4	81.8 122.6
51 23.9	26.7 40.1#
86 54.3	51.5 77.3



#25
2-Butanone
Concen: 5.290 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076159.D
Acq: 09 Jan 2023 16:28

Tgt Ion: 43	Resp: 8603		
Ion Ratio	Lower	Upper	
43 100			
72 20.6	28.0	42.0#	





#33

1,2-Dichloroethane-d4

Concen: 50.233 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076159.D

Acq: 09 Jan 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

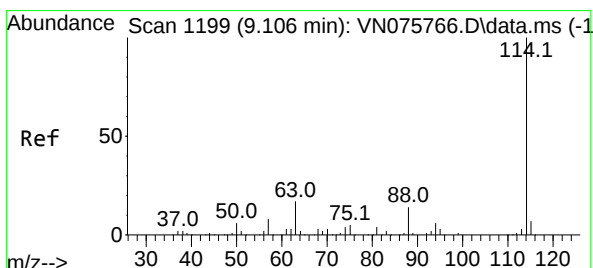
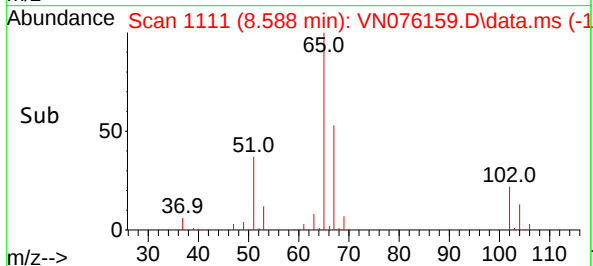
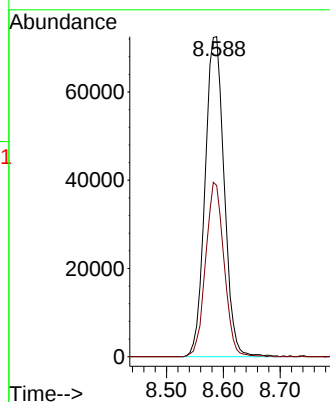
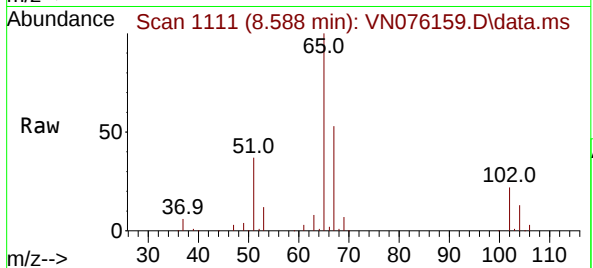
PB150106TB

Tgt Ion: 65 Resp: 169261

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076159.D

Acq: 09 Jan 2023 16:28

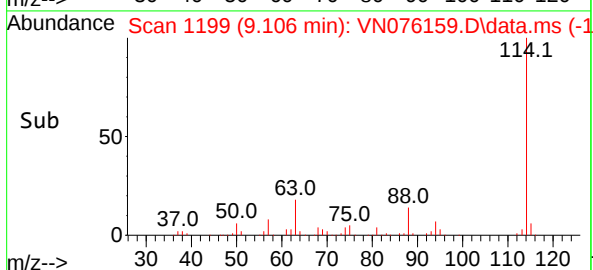
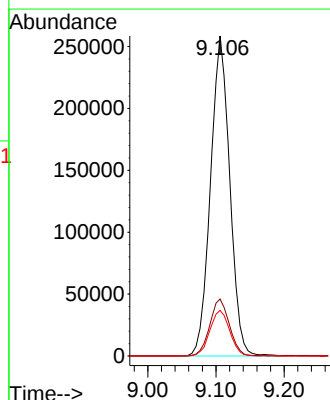
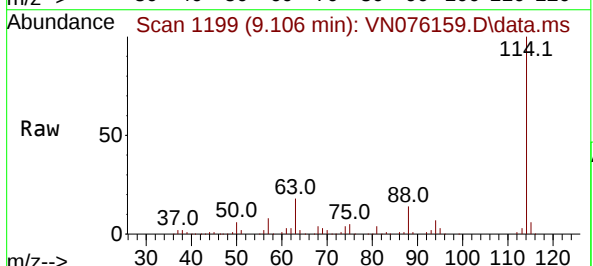
Tgt Ion: 114 Resp: 508631

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.543 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076159.D

Acq: 09 Jan 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

PB150106TB

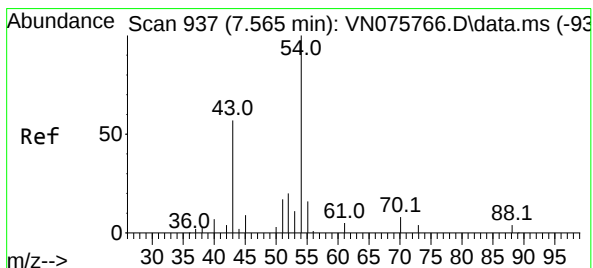
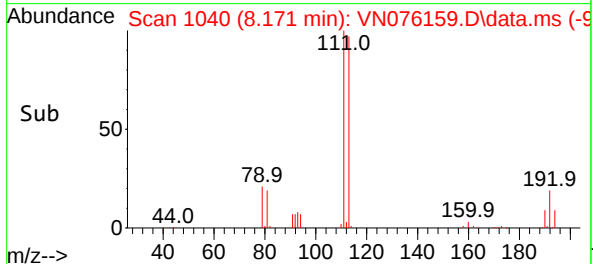
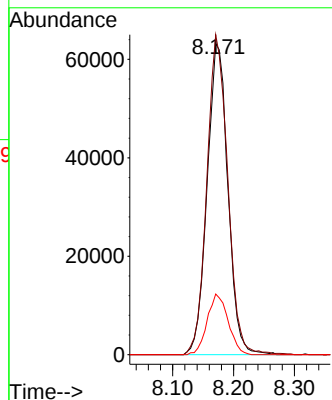
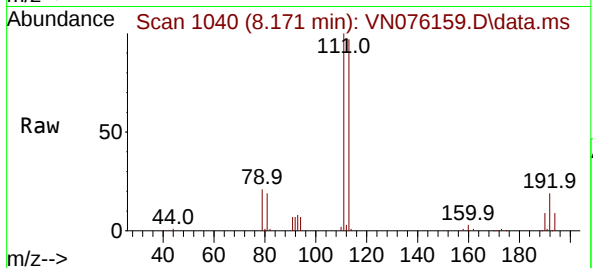
Tgt Ion:113 Resp: 149756

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

192 19.6 16.1 24.1



#37

Ethyl Acetate

Concen: 9.516 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN076159.D

Acq: 09 Jan 2023 16:28

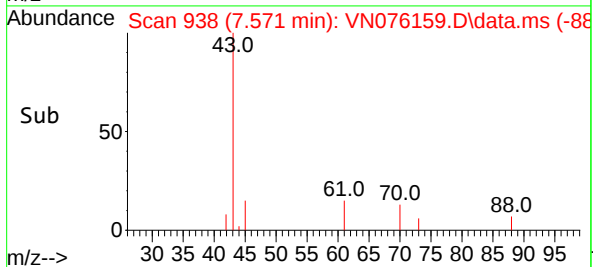
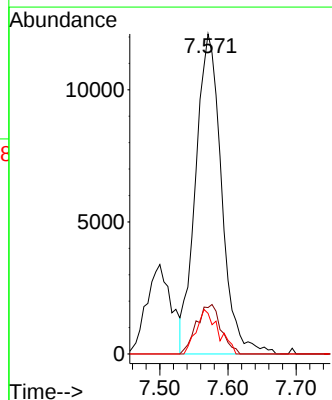
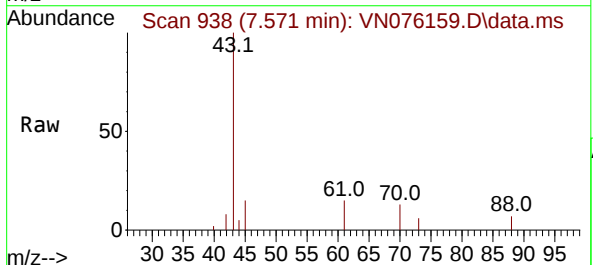
Tgt Ion: 43 Resp: 31985

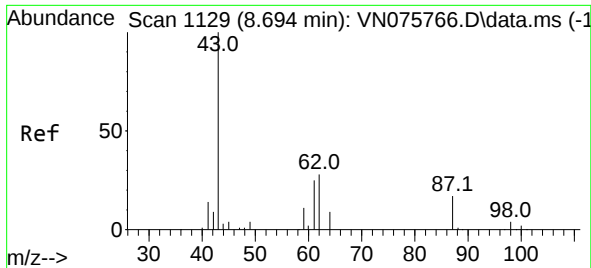
Ion Ratio Lower Upper

43 100

61 14.6 13.0 19.4

70 11.8 9.4 14.0

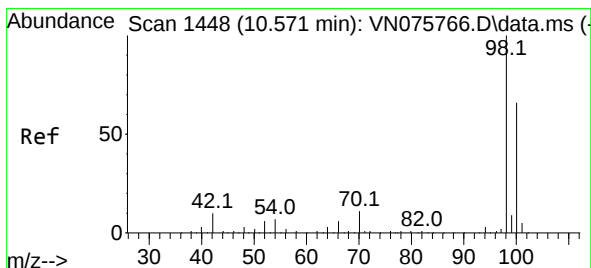
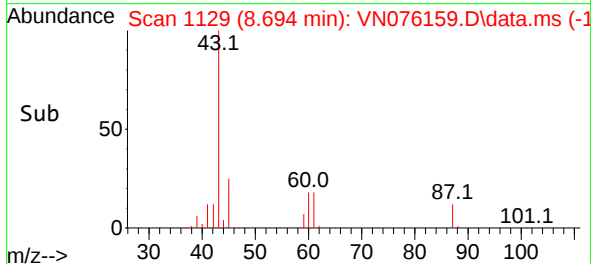
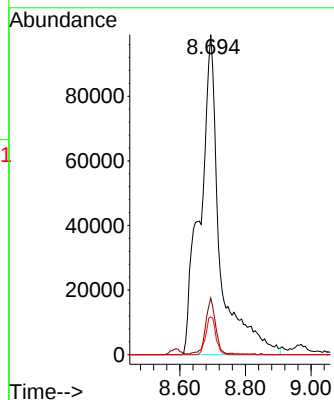
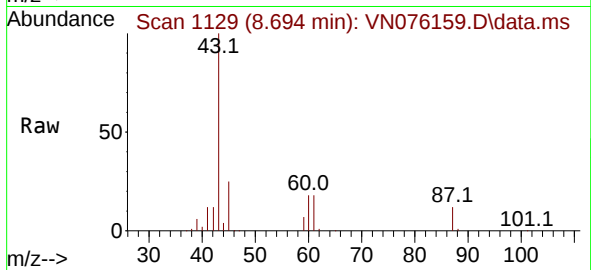




#43
Isopropyl Acetate
Concen: 75.363 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076159.D
Acq: 09 Jan 2023 16:28

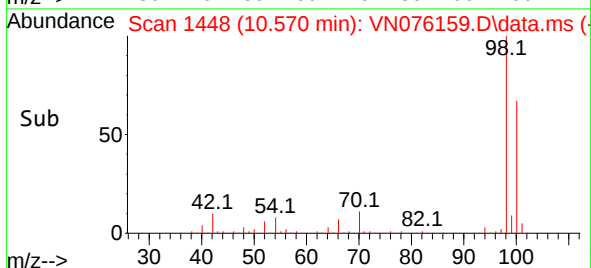
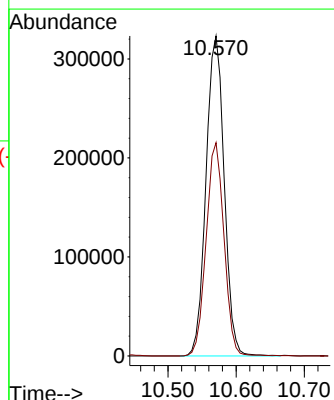
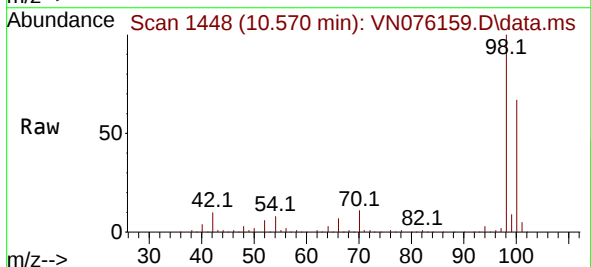
Instrument :
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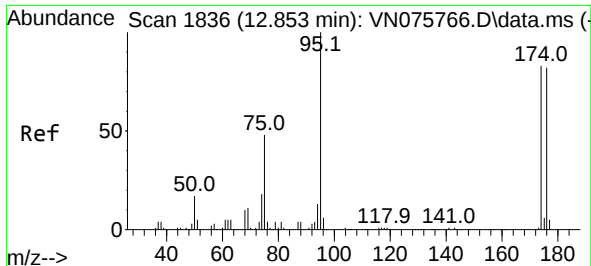
Tgt Ion: 43 Resp: 417833
Ion Ratio Lower Upper
43 100
61 8.6 24.2 36.4#
87 5.9 13.3 19.9#



#50
Toluene-d8
Concen: 50.963 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076159.D
Acq: 09 Jan 2023 16:28

Tgt Ion: 98 Resp: 600198
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1

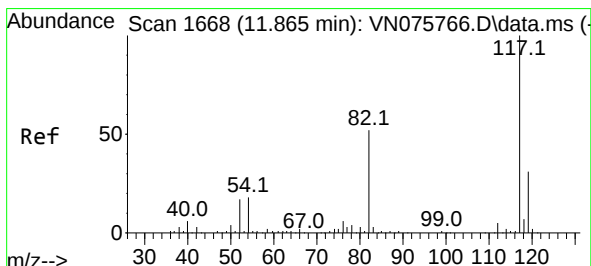
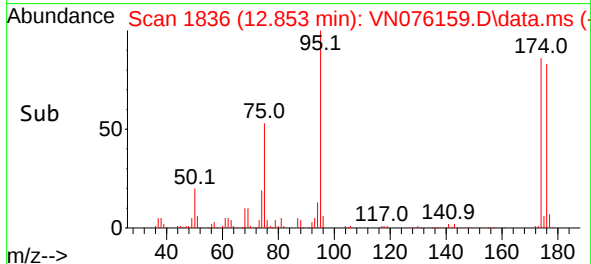
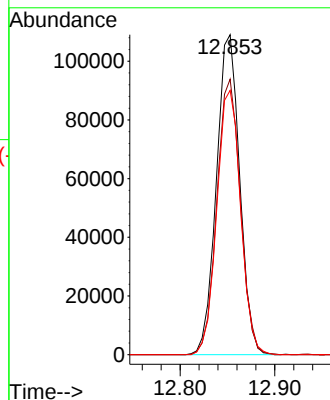
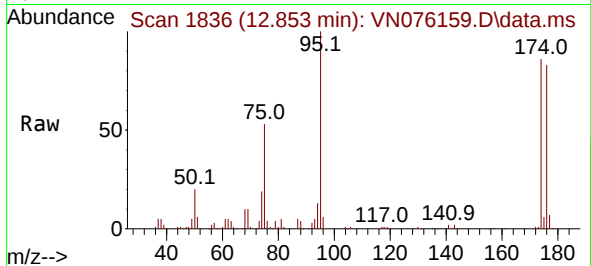




#62
4-Bromofluorobenzene
Concen: 47.723 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076159.D
Acq: 09 Jan 2023 16:28

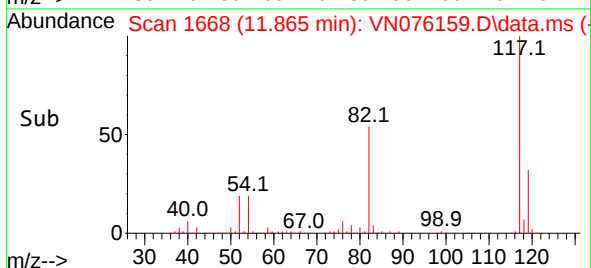
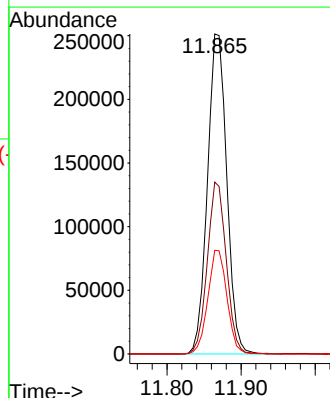
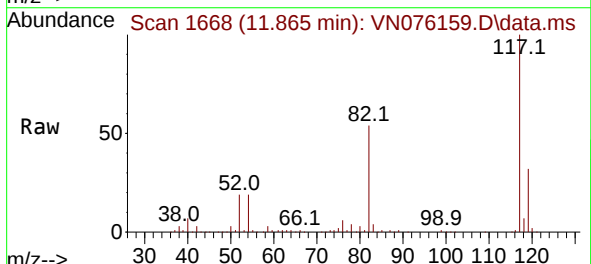
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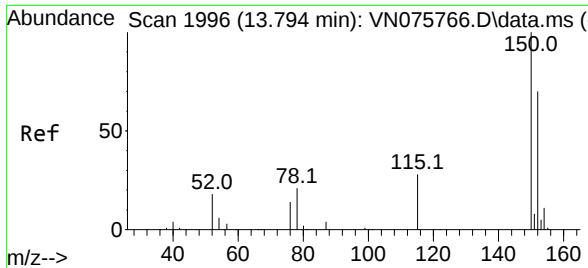
Tgt Ion: 95 Resp: 186151
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 84.5 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076159.D
Acq: 09 Jan 2023 16:28

Tgt Ion: 117 Resp: 455255
Ion Ratio Lower Upper
117 100
82 53.7 41.3 61.9
119 32.4 24.6 37.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076159.D
Acq: 09 Jan 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
PB150106TB

Tgt Ion:	152	Resp:	184760
Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.1	87.4
150	155.5	0.0	347.0

