

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076251.D
 Acq On : 13 Jan 2023 16:15
 Operator : JC\MD
 Sample : 01140-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-5

Quant Time: Jan 16 01:11:16 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)

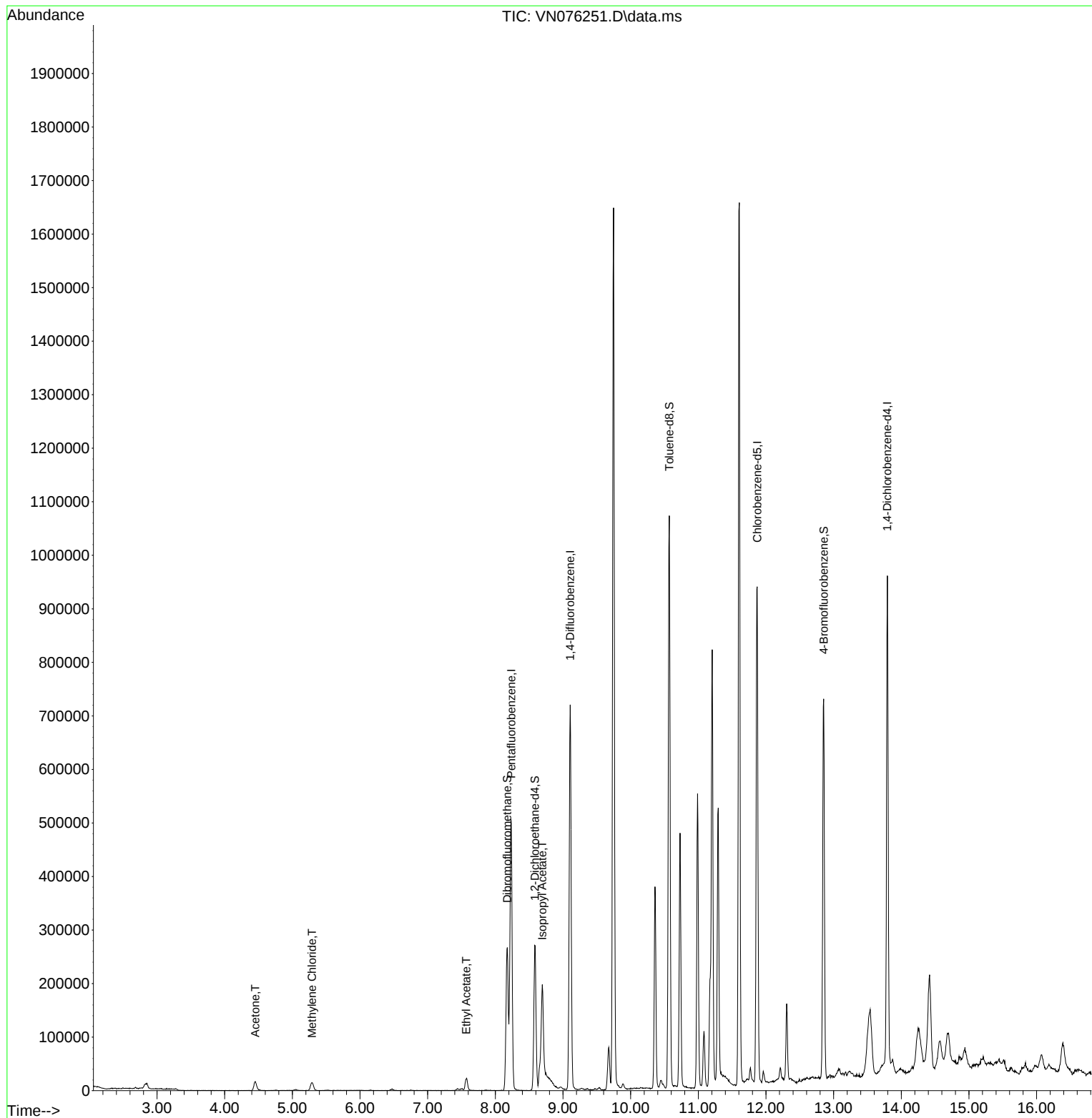
Internal Standards						
1) Pentafluorobenzene	8.235	168	399296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	653185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	577486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	252408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	219252	50.473	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.940%	
35) Dibromofluoromethane	8.177	113	190340	47.055	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.100%	
50) Toluene-d8	10.571	98	769122	50.854	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.853	95	249147	49.737	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.480%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	31573	21.084	ug/l	88
20) Methylene Chloride	5.289	84	12878	2.608	ug/l	96
37) Ethyl Acetate	7.571	43	34569	8.009	ug/l	99
43) Isopropyl Acetate	8.694	43	306753	43.084	ug/l #	73

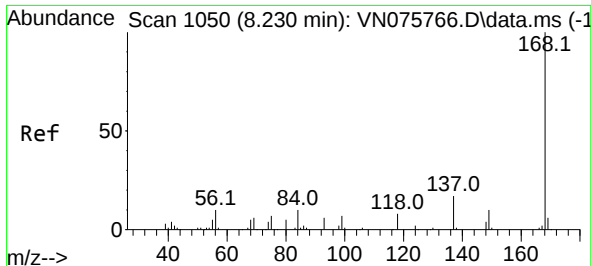
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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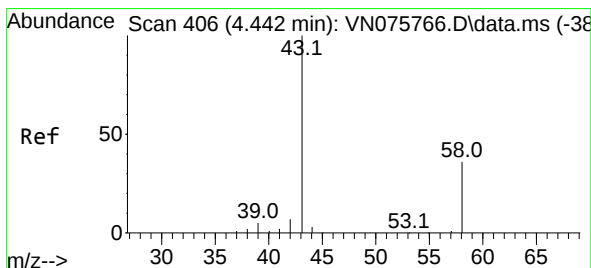
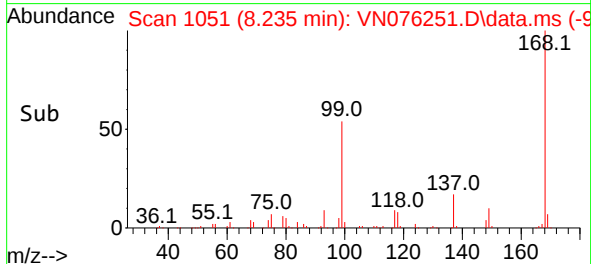
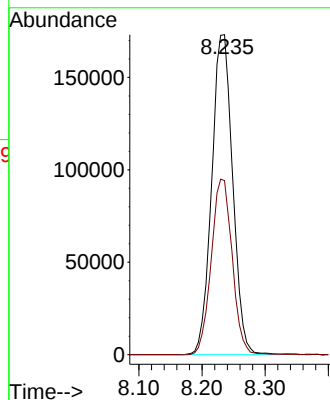
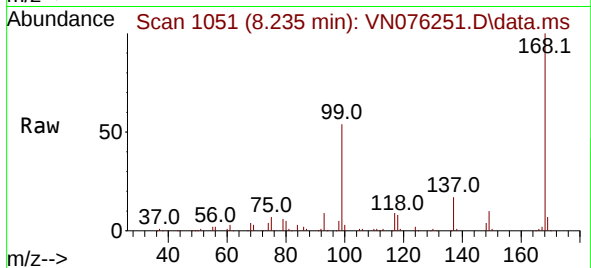




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076251.D
Acq: 13 Jan 2023 16:15

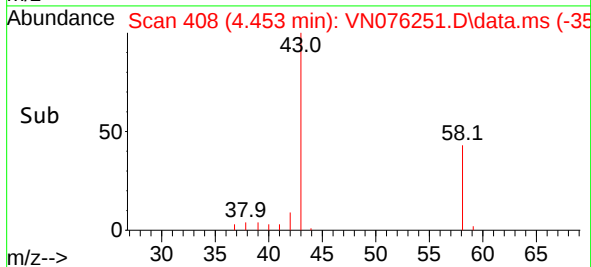
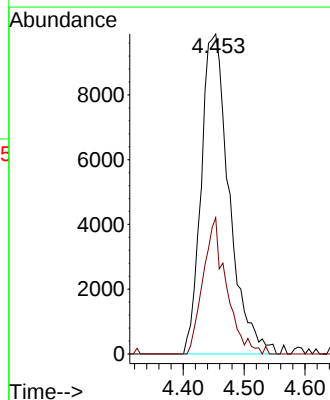
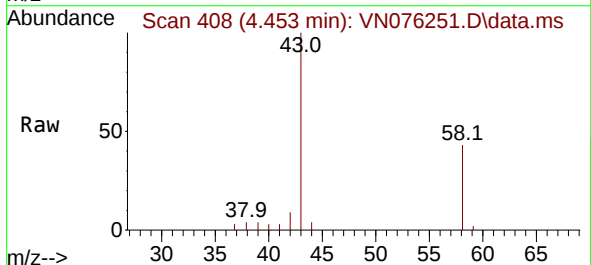
Instrument :
MSVOA_N
ClientSampleId :
MH-5

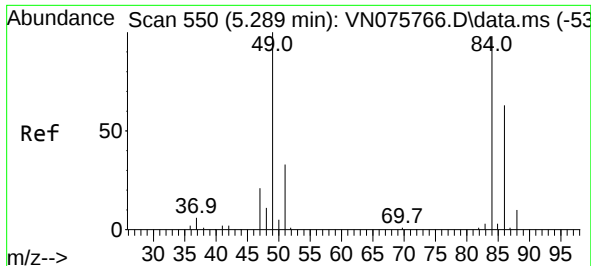
Tgt Ion:168 Resp: 399296
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#16
Acetone
Concen: 21.084 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076251.D
Acq: 13 Jan 2023 16:15

Tgt Ion: 43 Resp: 31573
Ion Ratio Lower Upper
43 100
58 42.6 28.6 43.0

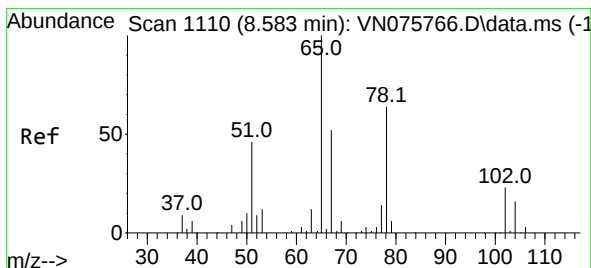
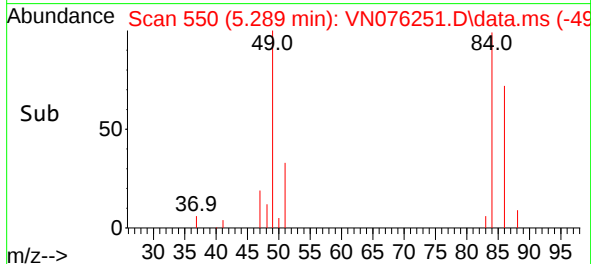
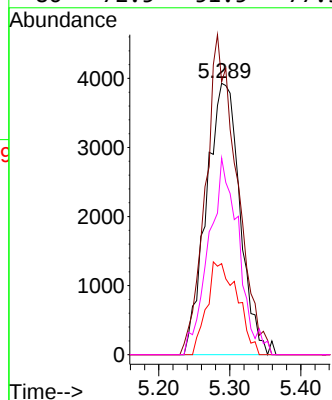
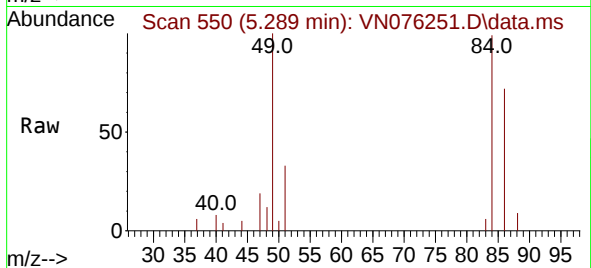




#20
Methylene Chloride
Concen: 2.608 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076251.D
Acq: 13 Jan 2023 16:15

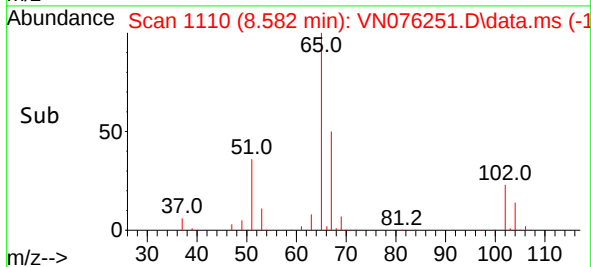
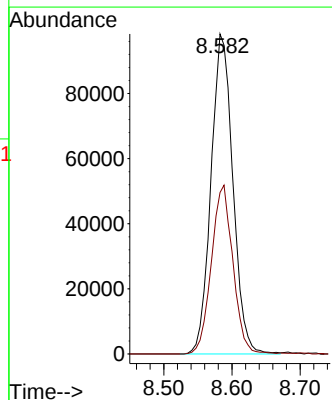
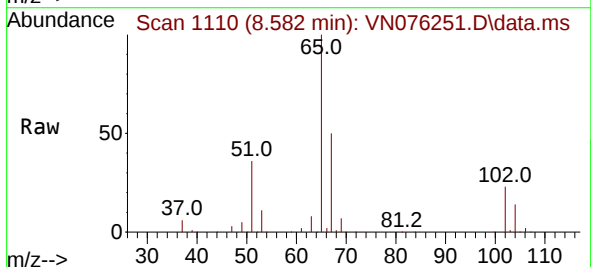
Instrument :
MSVOA_N
ClientSampleId :
MH-5

Tgt Ion:	84	Resp:	12878
Ion	Ratio	Lower	Upper
84	100		
49	100.6	81.8	122.6
51	33.5	26.7	40.1
86	72.5	51.5	77.3



#33
1,2-Dichloroethane-d4
Concen: 50.473 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076251.D
Acq: 13 Jan 2023 16:15

Tgt Ion:	65	Resp:	219252
Ion	Ratio	Lower	Upper
65	100		
67	52.0	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: VN076251.D

Acq: 13 Jan 2023 16:15

Instrument :

MSVOA_N

ClientSampleId :

MH-5

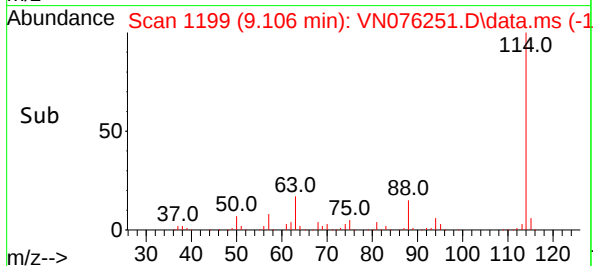
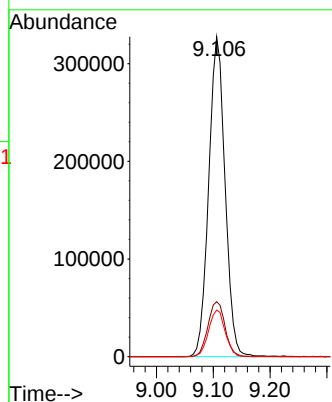
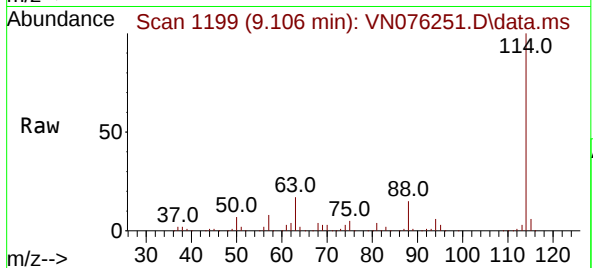
Tgt Ion:114 Resp: 653185

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.055 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076251.D

Acq: 13 Jan 2023 16:15

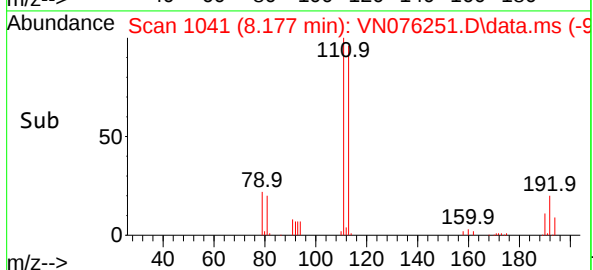
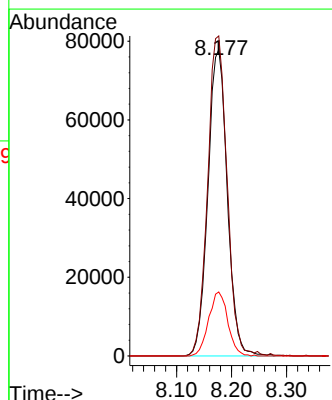
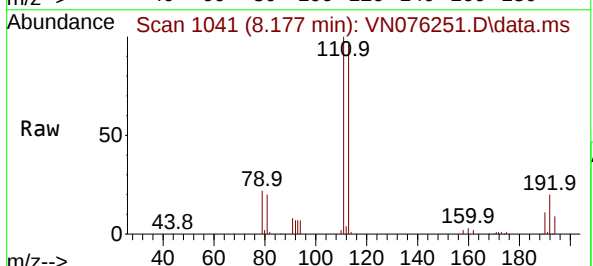
Tgt Ion:113 Resp: 190340

Ion Ratio Lower Upper

113 100

111 105.0 83.4 125.2

192 20.8 16.1 24.1

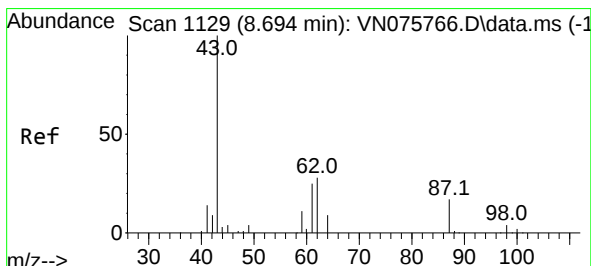
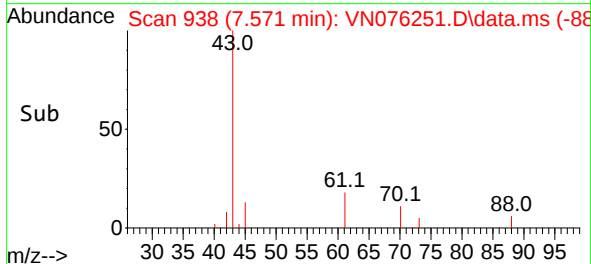
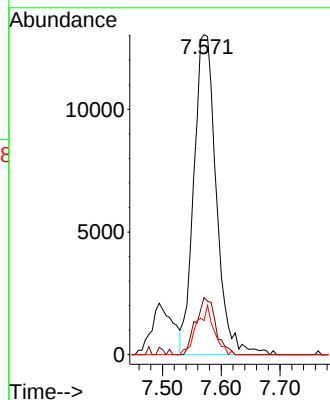
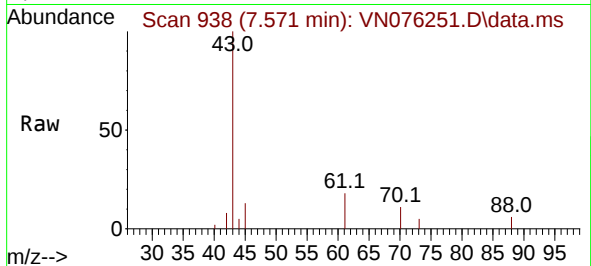




#37
Ethyl Acetate
Concen: 8.009 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076251.D
Acq: 13 Jan 2023 16:15

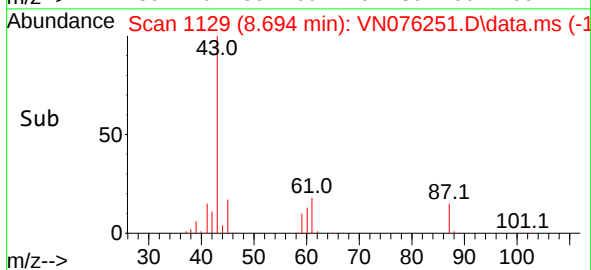
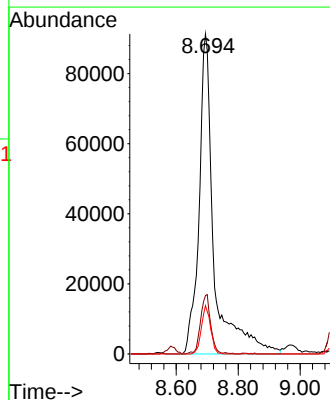
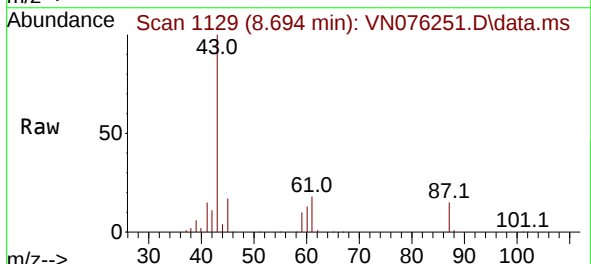
Instrument :
MSVOA_N
ClientSampleId :
MH-5

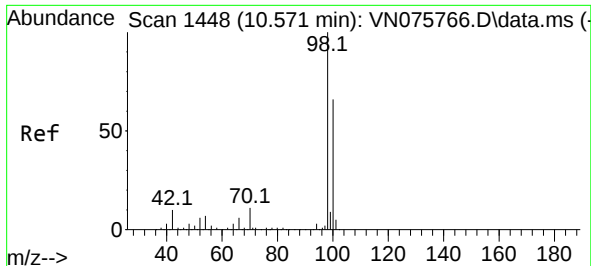
Tgt Ion: 43 Resp: 34569
Ion Ratio Lower Upper
43 100
61 15.9 13.0 19.4
70 11.9 9.4 14.0



#43
Isopropyl Acetate
Concen: 43.084 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076251.D
Acq: 13 Jan 2023 16:15

Tgt Ion: 43 Resp: 306753
Ion Ratio Lower Upper
43 100
61 12.5 24.2 36.4#
87 9.2 13.3 19.9#

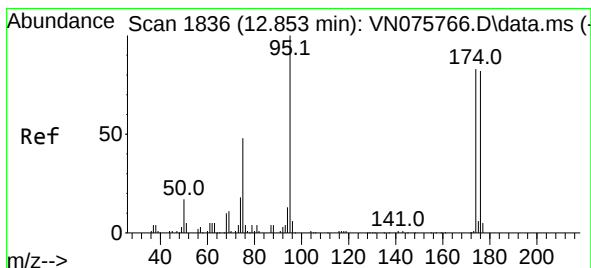
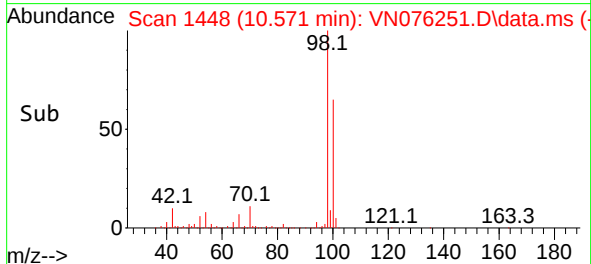
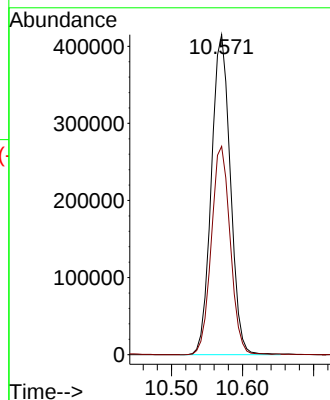
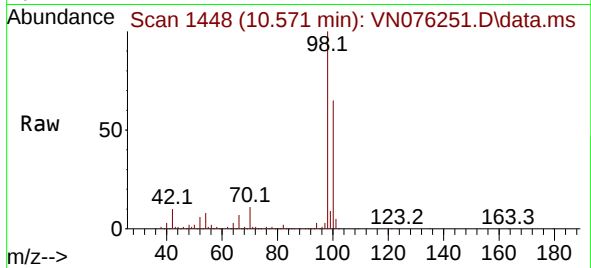




#50
Toluene-d8
Concen: 50.854 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076251.D
Acq: 13 Jan 2023 16:15

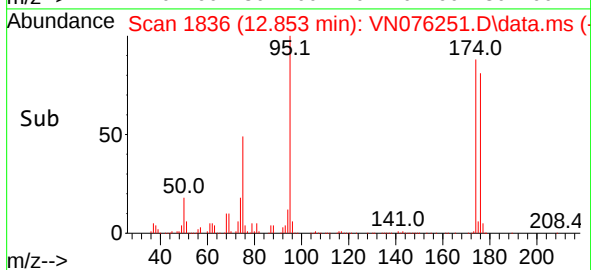
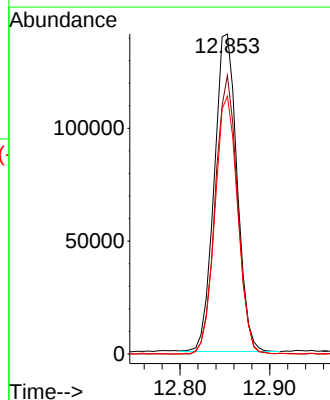
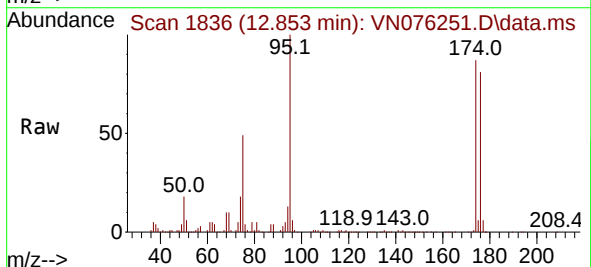
Instrument :
MSVOA_N
ClientSampleId :
MH-5

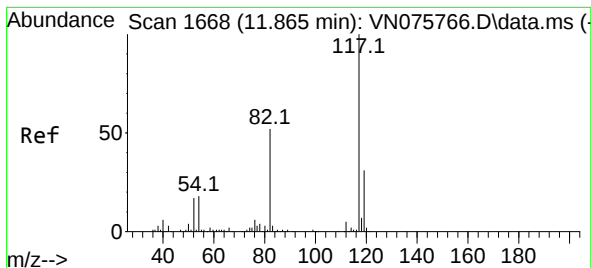
Tgt Ion: 98 Resp: 769122
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.737 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076251.D
Acq: 13 Jan 2023 16:15

Tgt Ion: 95 Resp: 249147
Ion Ratio Lower Upper
95 100
174 85.0 0.0 171.6
176 81.0 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076251.D

Acq: 13 Jan 2023 16:15

Instrument :

MSVOA_N

ClientSampleId :

MH-5

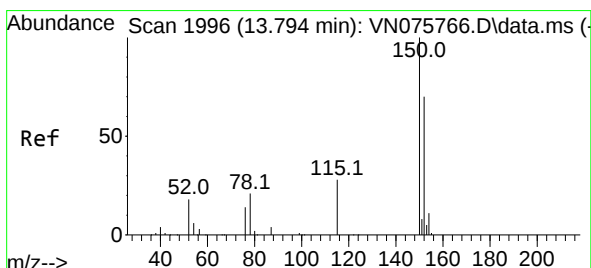
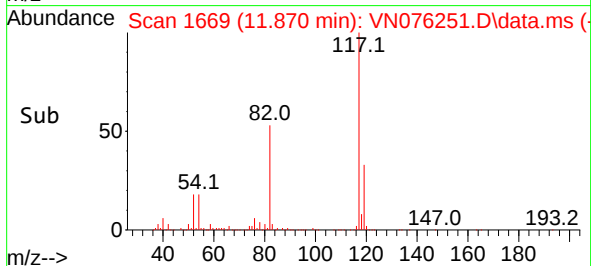
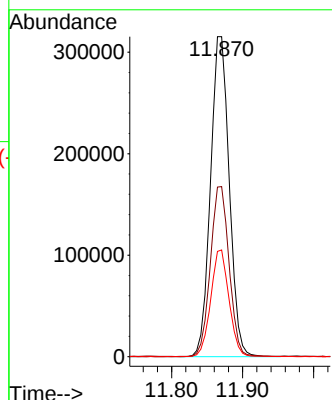
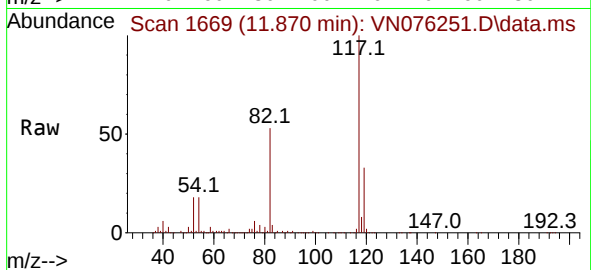
Tgt Ion:117 Resp: 577486

Ion Ratio Lower Upper

117 100

82 53.1 41.3 61.9

119 33.4 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: VN076251.D

Acq: 13 Jan 2023 16:15

Tgt Ion:152 Resp: 252408

Ion Ratio Lower Upper

152 100

115 57.2 29.1 87.4

150 155.1 0.0 347.0

