

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076202.D
 Acq On : 11 Jan 2023 12:04
 Operator : JC\MD
 Sample : 01084-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-2

Quant Time: Jan 12 00:33:08 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)

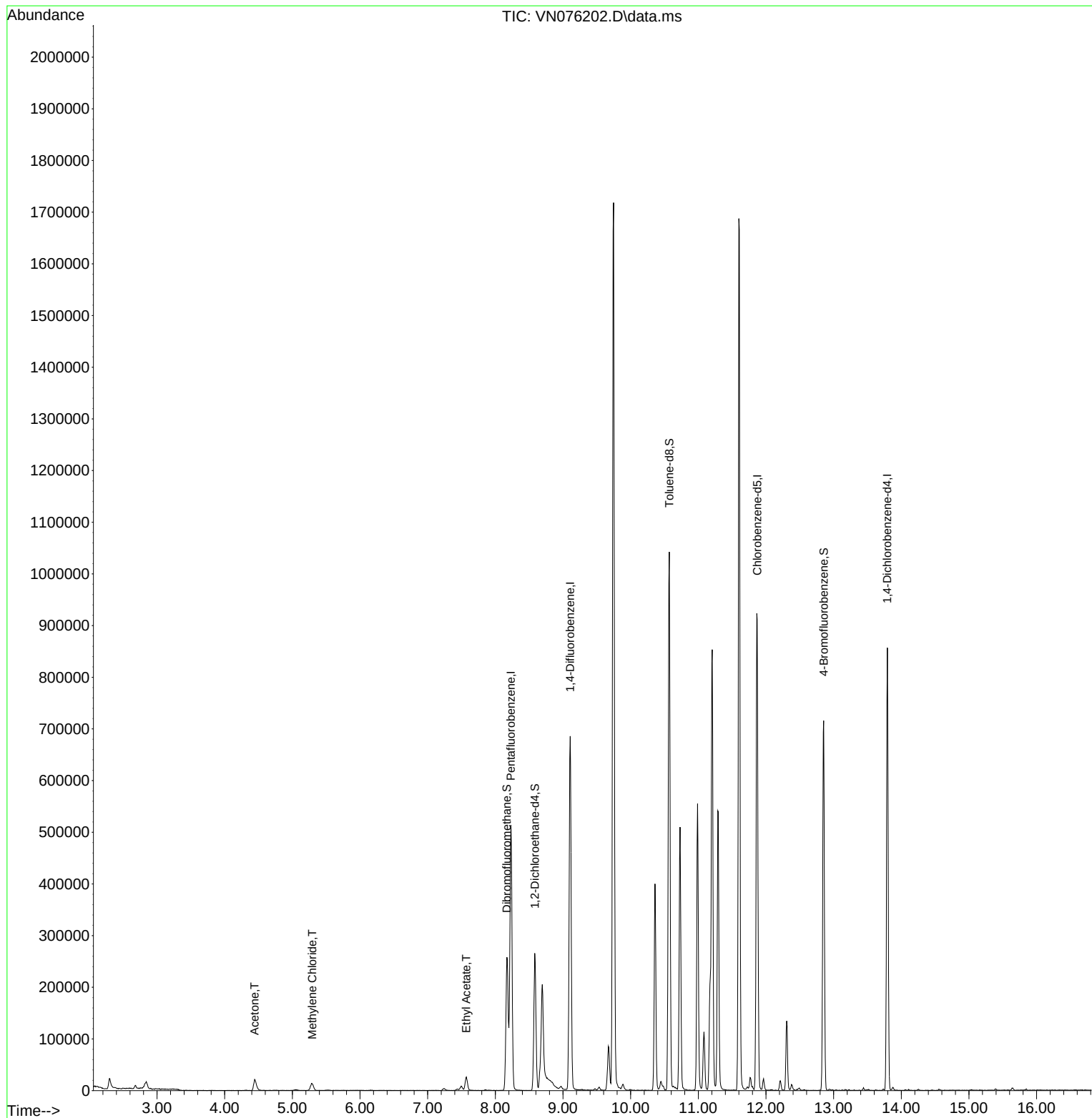
Internal Standards						
1) Pentafluorobenzene	8.229	168	403947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	639209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	576029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	205372	46.733	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.460%
35) Dibromofluoromethane	8.171	113	186316	47.067	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.140%
50) Toluene-d8	10.570	98	740079	50.004	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.853	95	240049	48.969	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.940%
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	39188	25.868	ug/l	97
20) Methylene Chloride	5.294	84	12280	2.421	ug/l	92
37) Ethyl Acetate	7.571	43	38702	9.163	ug/l	98

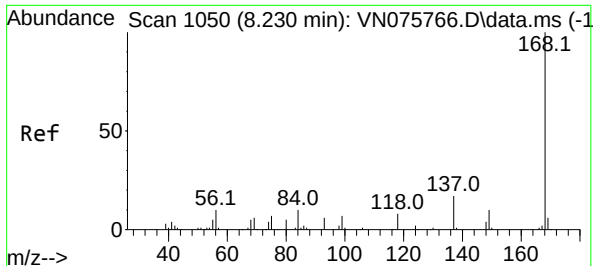
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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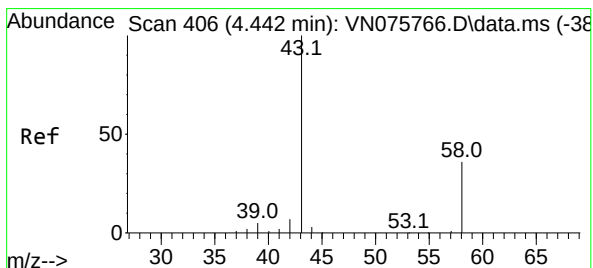
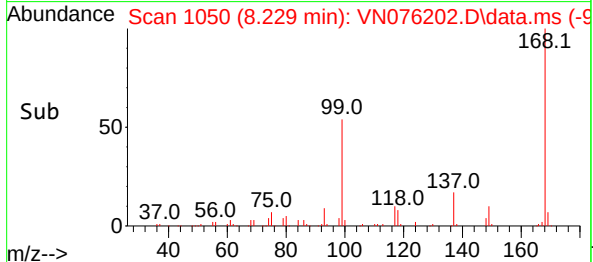
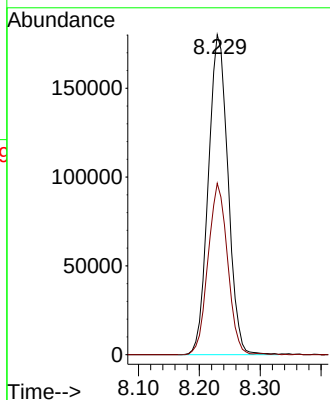
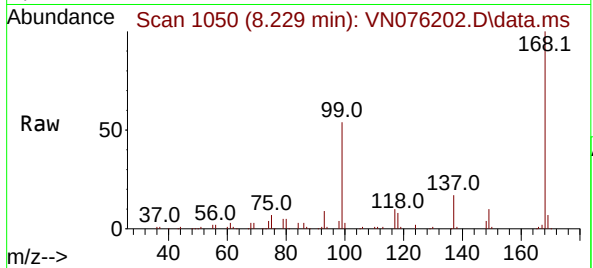




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076202.D
Acq: 11 Jan 2023 12:04

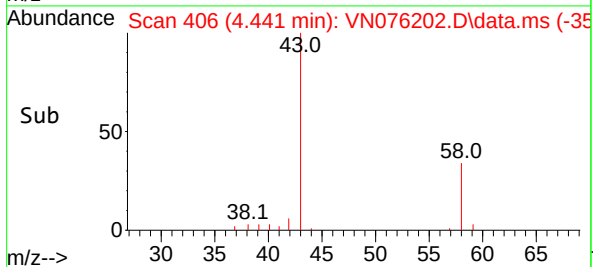
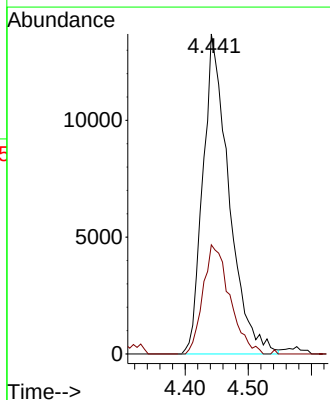
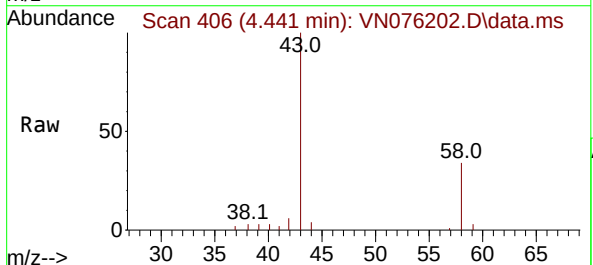
Instrument :
MSVOA_N
ClientSampleId :
MH-2

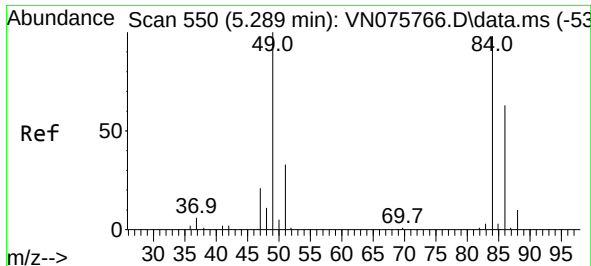
Tgt Ion:168 Resp: 403947
Ion Ratio Lower Upper
168 100
99 53.6 44.2 66.4



#16
Acetone
Concen: 25.868 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076202.D
Acq: 11 Jan 2023 12:04

Tgt Ion: 43 Resp: 39188
Ion Ratio Lower Upper
43 100
58 34.1 28.6 43.0

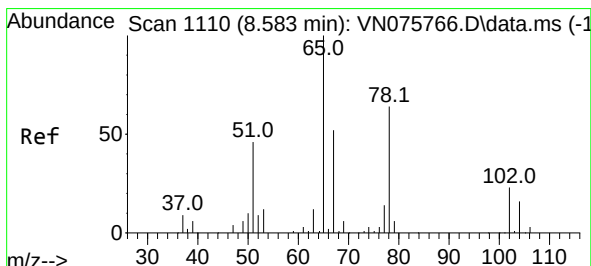
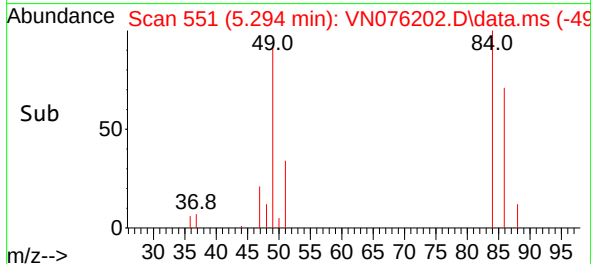
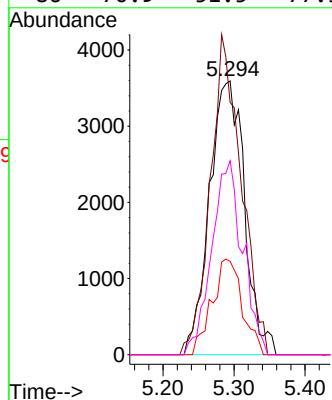
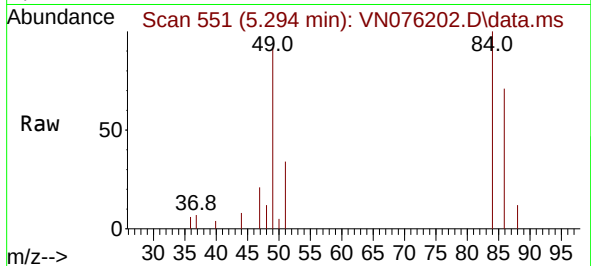




#20
Methylene Chloride
Concen: 2.421 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN076202.D
Acq: 11 Jan 2023 12:04

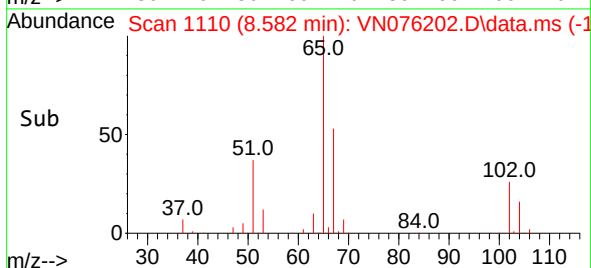
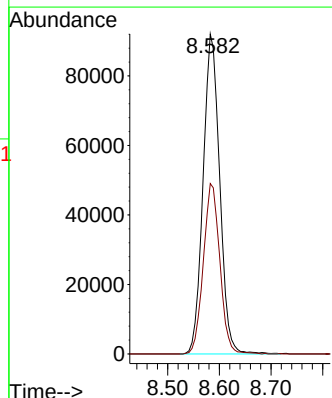
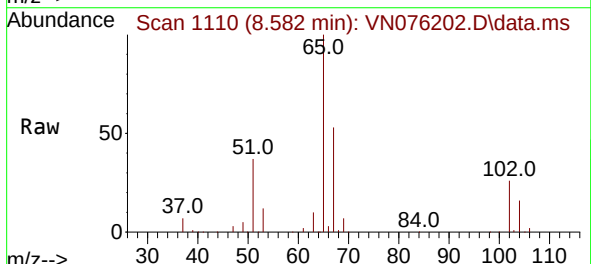
Instrument :
MSVOA_N
ClientSampleId :
MH-2

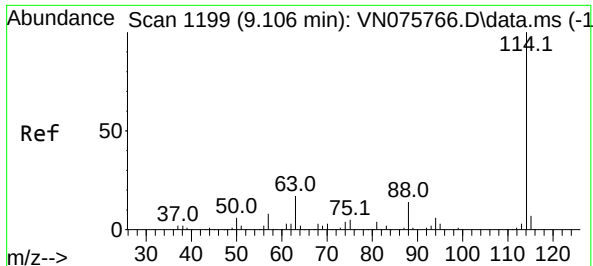
Tgt Ion: 84	Resp: 12280
Ion Ratio	Lower Upper
84 100	
49 92.2	81.8 122.6
51 34.1	26.7 40.1
86 70.9	51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 46.733 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076202.D
Acq: 11 Jan 2023 12:04

Tgt Ion: 65	Resp: 205372
Ion Ratio	Lower Upper
65 100	
67 53.0	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: VN076202.D

Acq: 11 Jan 2023 12:04

Instrument :

MSVOA_N

ClientSampleId :

MH-2

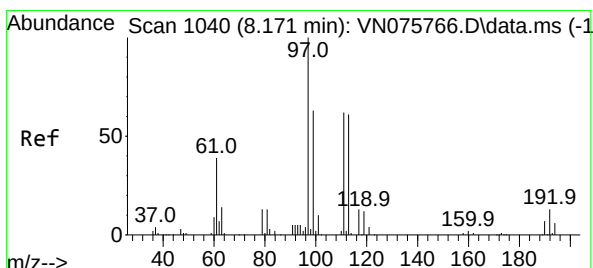
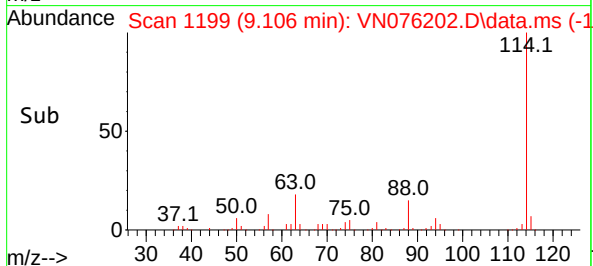
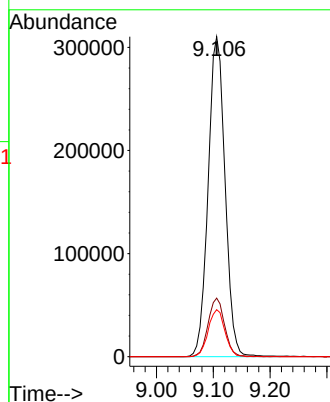
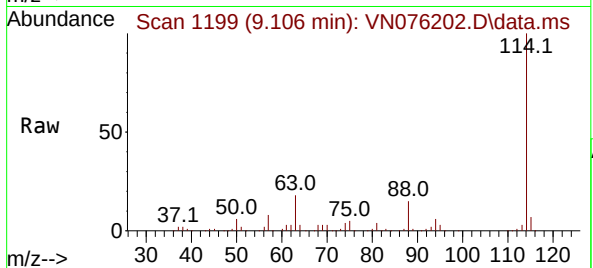
Tgt Ion:114 Resp: 639209

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.067 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076202.D

Acq: 11 Jan 2023 12:04

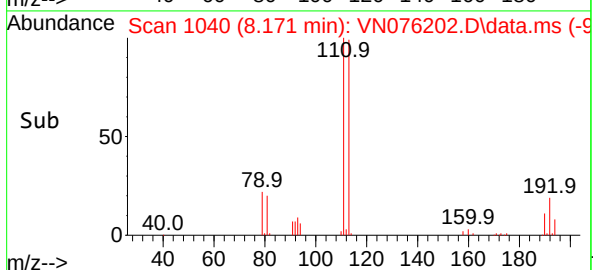
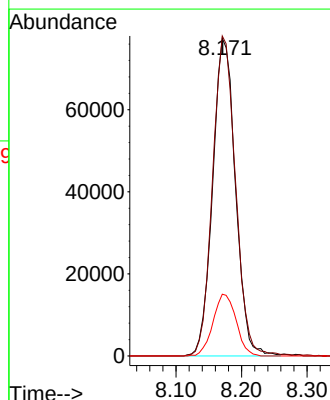
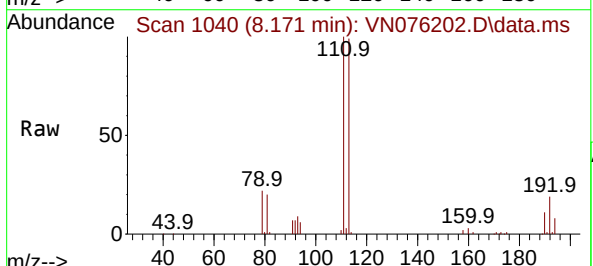
Tgt Ion:113 Resp: 186316

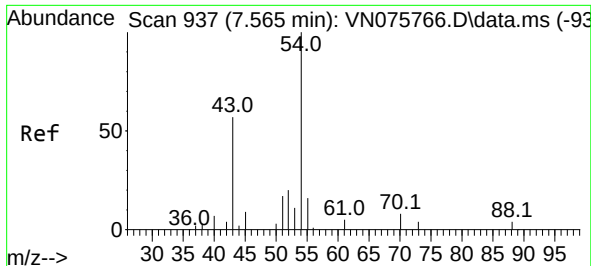
Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

192 19.7 16.1 24.1

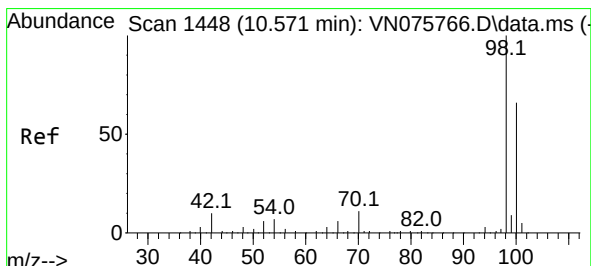
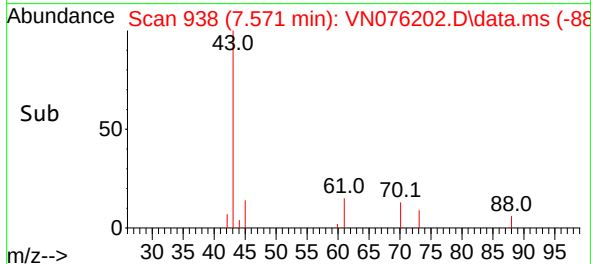
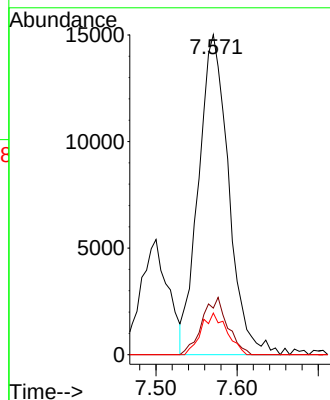
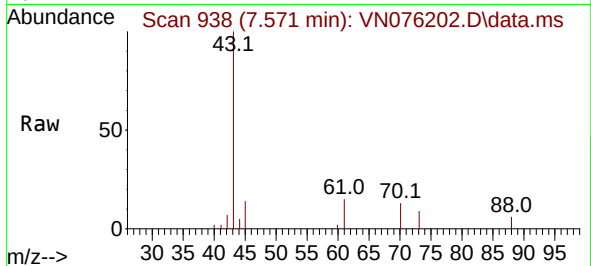




#37
Ethyl Acetate
Concen: 9.163 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076202.D
Acq: 11 Jan 2023 12:04

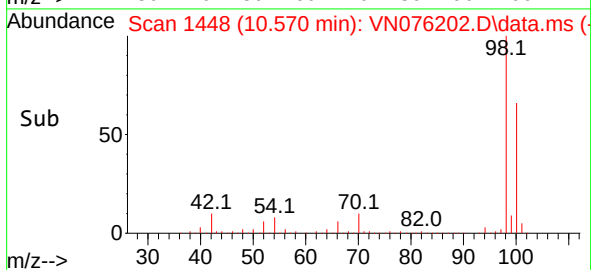
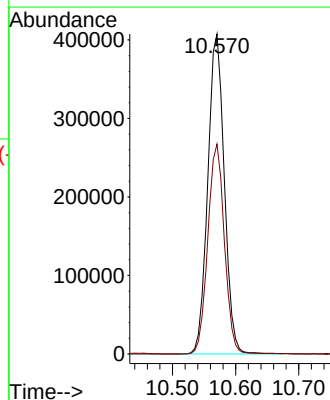
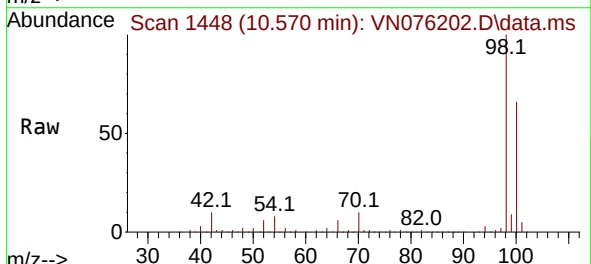
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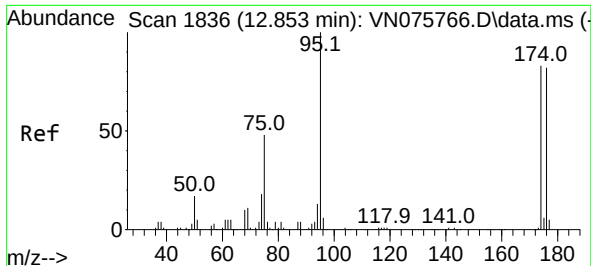
Tgt Ion: 43	Resp: 38702
Ion Ratio	Lower Upper
43 100	
61 15.2	13.0 19.4
70 11.0	9.4 14.0



#50
Toluene-d8
Concen: 50.004 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076202.D
Acq: 11 Jan 2023 12:04

Tgt Ion: 98	Resp: 740079
Ion Ratio	Lower Upper
98 100	
100 65.9	52.1 78.1

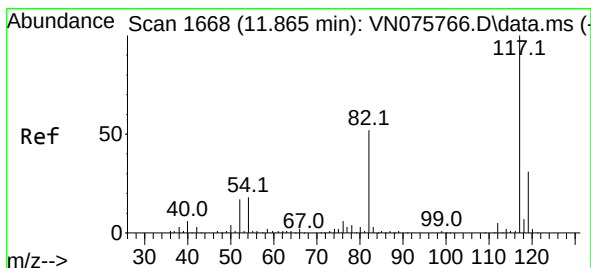
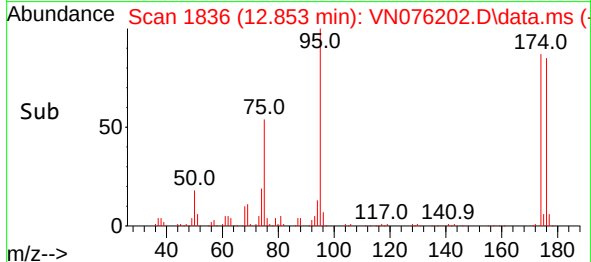
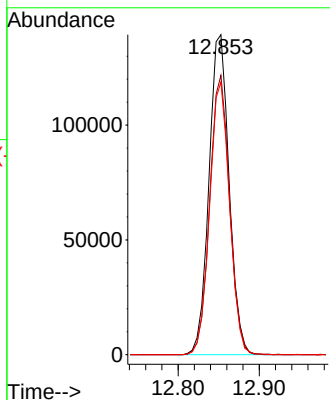
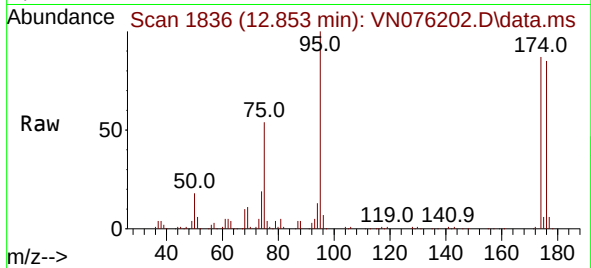




#62
4-Bromofluorobenzene
Concen: 48.969 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076202.D
Acq: 11 Jan 2023 12:04

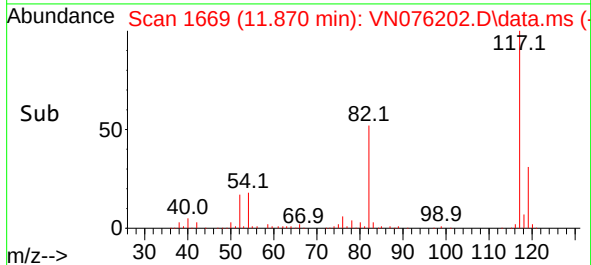
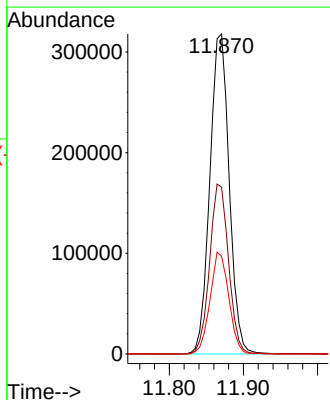
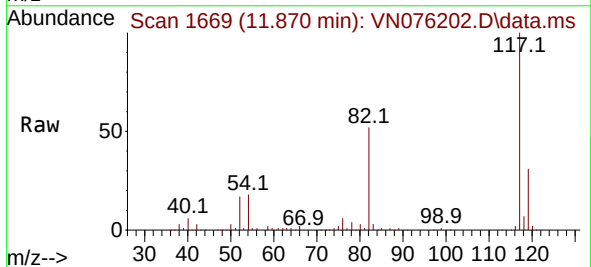
Instrument :
MSVOA_N
ClientSampleId :
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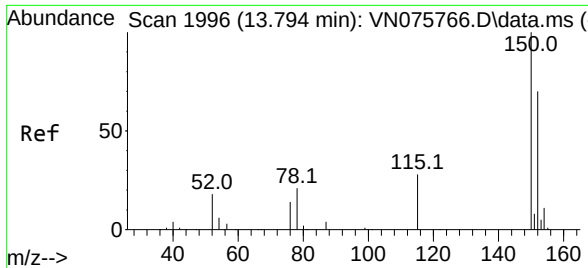
Tgt Ion: 95 Resp: 240049
Ion Ratio Lower Upper
95 100
174 86.4 0.0 171.6
176 84.0 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076202.D
Acq: 11 Jan 2023 12:04

Tgt Ion: 117 Resp: 576029
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 30.5 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: VN076202.D
 Acq: 11 Jan 2023 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-2

Tgt Ion:152	Resp:	240079
Ion	Ratio	Lower Upper
152	100	
115	58.3	29.1 87.4
150	156.1	0.0 347.0

