

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076243.D
 Acq On : 13 Jan 2023 13:02
 Operator : JC\MD
 Sample : 01124-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-4

Quant Time: Jan 16 01:06:37 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)

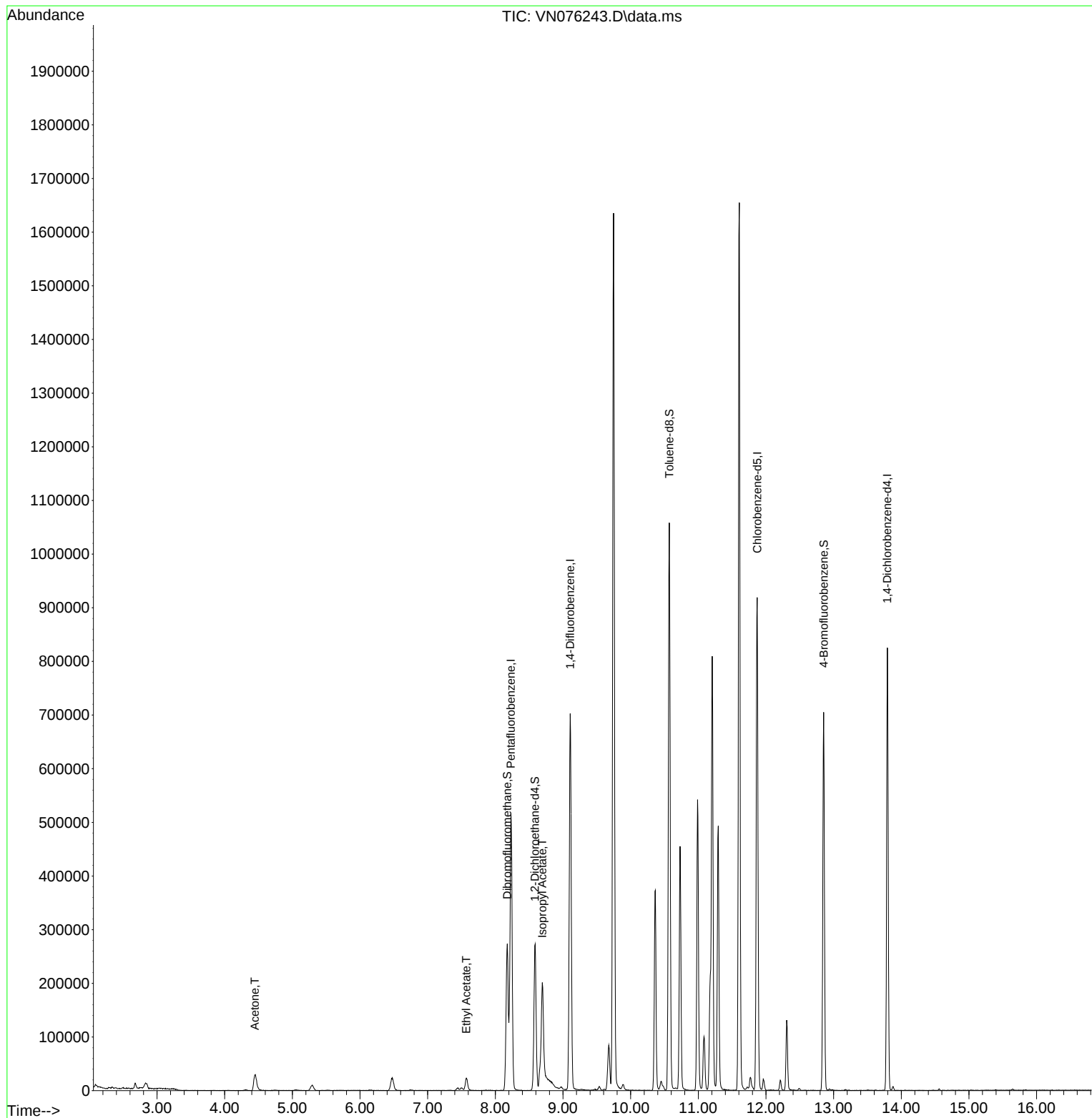
Internal Standards						
1) Pentafluorobenzene	8.230	168	396833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	642932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	557766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	218969	50.720	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.440%	
35) Dibromofluoromethane	8.177	113	194350	48.812	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.620%	
50) Toluene-d8	10.571	98	753322	50.604	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.853	95	228441	46.331	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.660%	
Target Compounds						
						Qvalue
16) Acetone	4.448	43	58197	39.105	ug/l	93
37) Ethyl Acetate	7.571	43	33475	7.879	ug/l	99
43) Isopropyl Acetate	8.694	43	280181	39.979	ug/l #	76

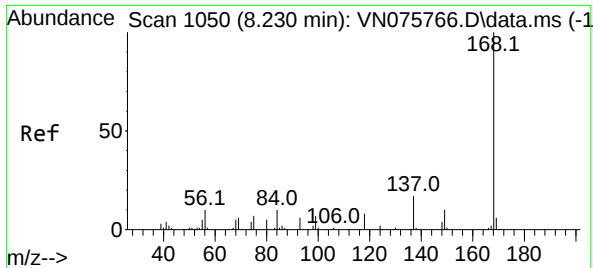
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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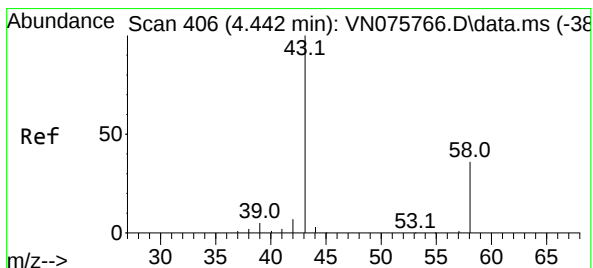
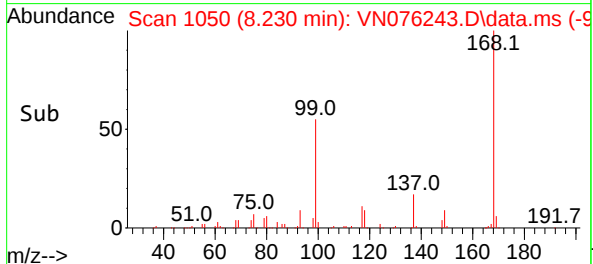
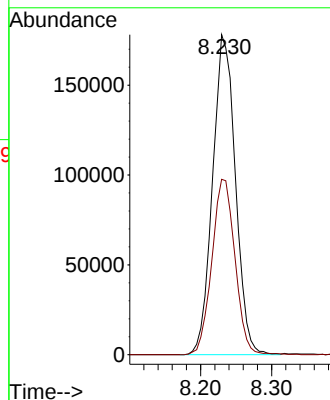
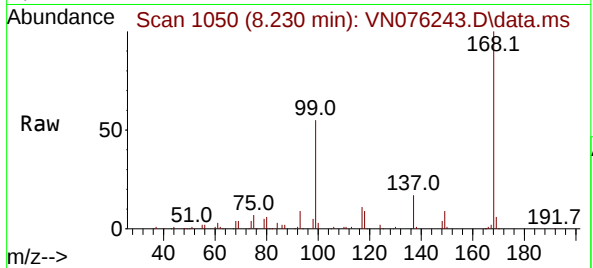




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076243.D
Acq: 13 Jan 2023 13:02

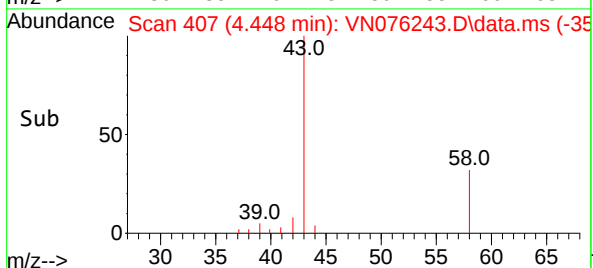
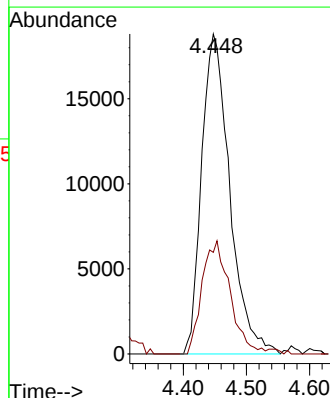
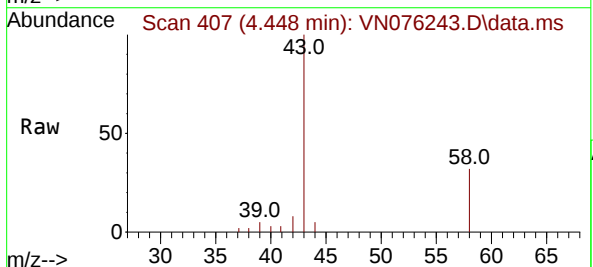
Instrument :
MSVOA_N
ClientSampleId :
MH-4

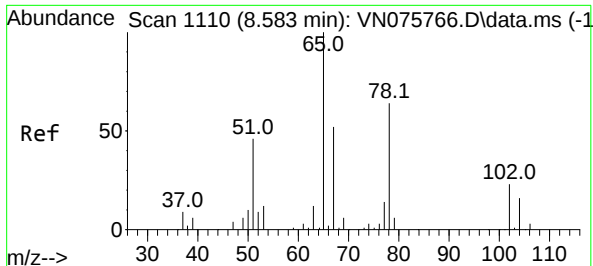
Tgt Ion:168 Resp: 396833
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#16
Acetone
Concen: 39.105 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076243.D
Acq: 13 Jan 2023 13:02

Tgt Ion: 43 Resp: 58197
Ion Ratio Lower Upper
43 100
58 31.8 28.6 43.0





#33

1,2-Dichloroethane-d4

Concen: 50.720 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076243.D

Acq: 13 Jan 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

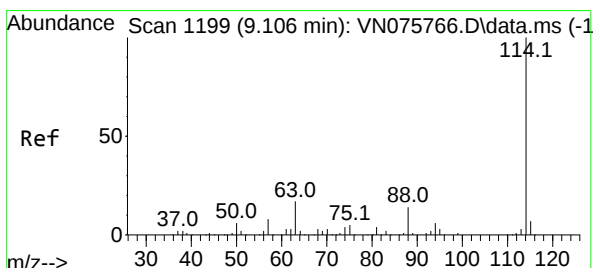
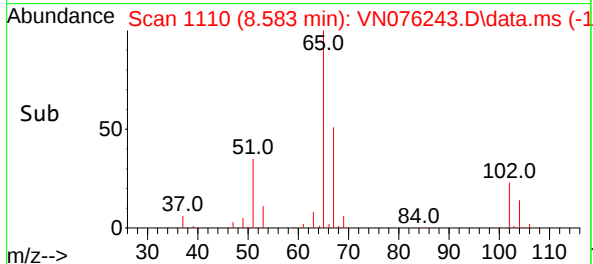
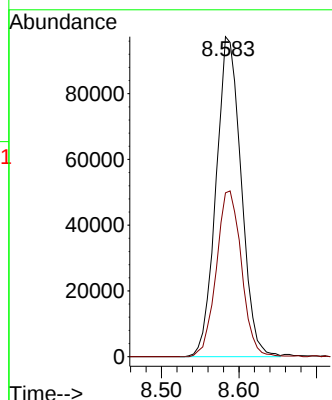
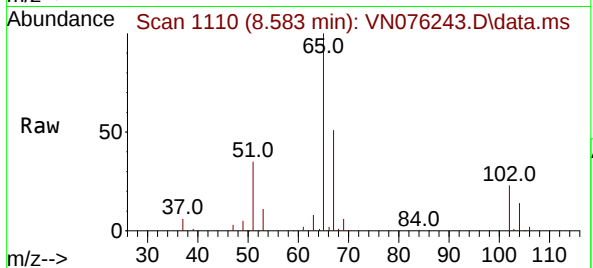
MH-4

Tgt Ion: 65 Resp: 218969

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: VN076243.D

Acq: 13 Jan 2023 13:02

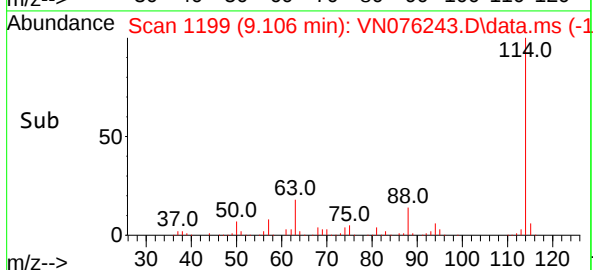
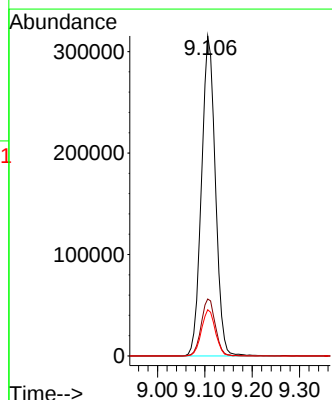
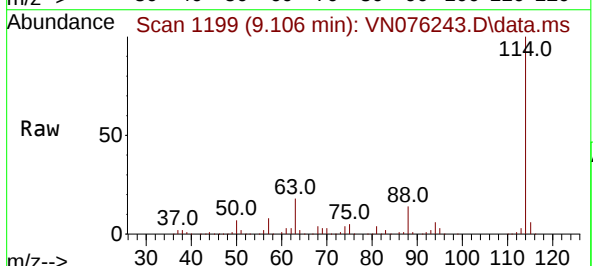
Tgt Ion: 114 Resp: 642932

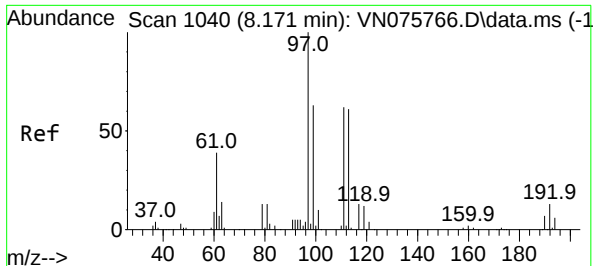
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.5 0.0 28.8

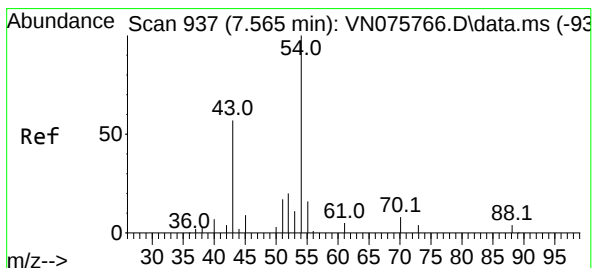
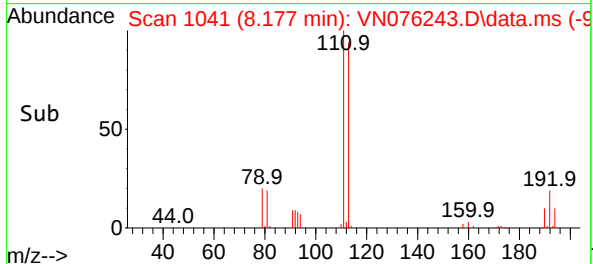
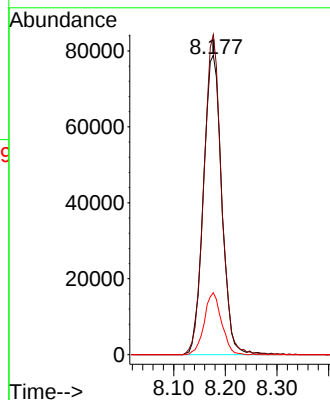
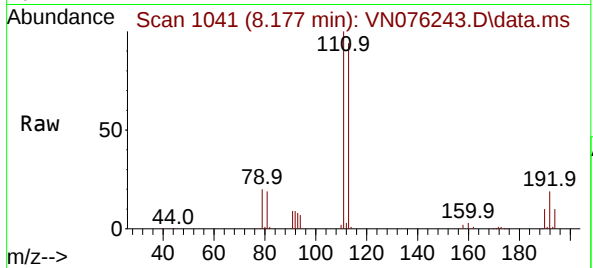




#35
Dibromofluoromethane
Concen: 48.812 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076243.D
Acq: 13 Jan 2023 13:02

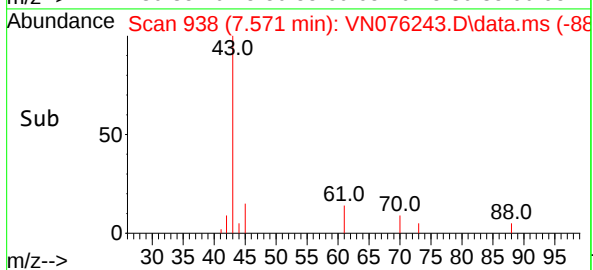
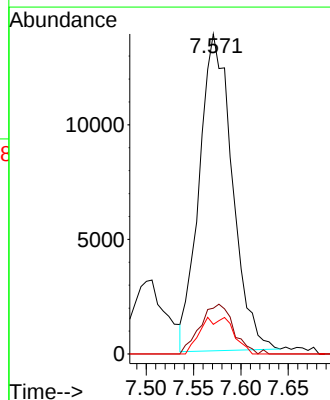
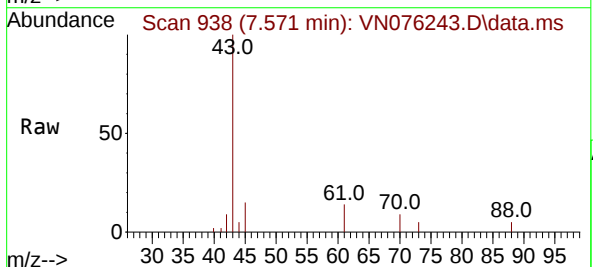
Instrument :
MSVOA_N
ClientSampleId :
MH-4

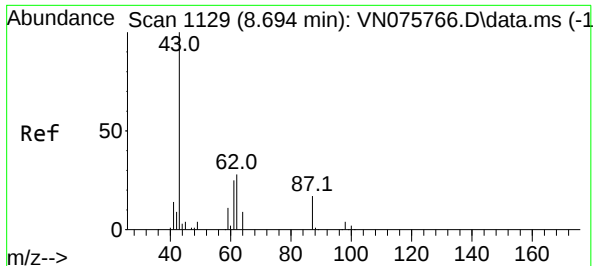
Tgt Ion:113 Resp: 194350
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.2
192 19.5 16.1 24.1



#37
Ethyl Acetate
Concen: 7.879 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN076243.D
Acq: 13 Jan 2023 13:02

Tgt Ion: 43 Resp: 33475
Ion Ratio Lower Upper
43 100
61 15.9 13.0 19.4
70 11.6 9.4 14.0





#43

Isopropyl Acetate

Concen: 39.979 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076243.D

Acq: 13 Jan 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

MH-4

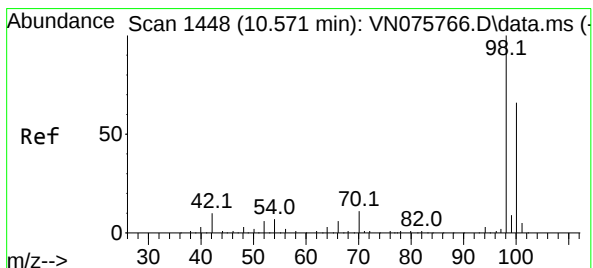
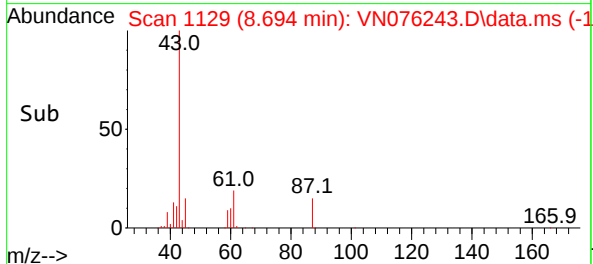
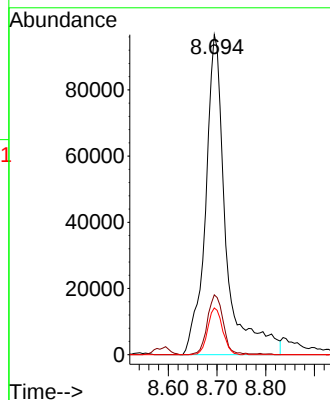
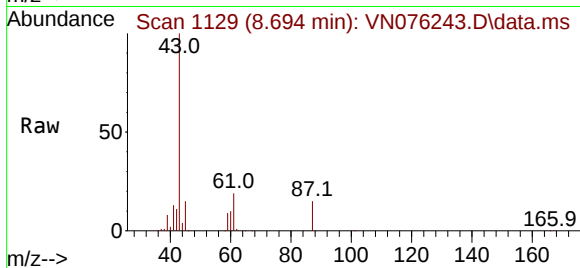
Tgt Ion: 43 Resp: 280181

Ion Ratio Lower Upper

43 100

61 14.6 24.2 36.4#

87 10.6 13.3 19.9#



#50

Toluene-d8

Concen: 50.604 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076243.D

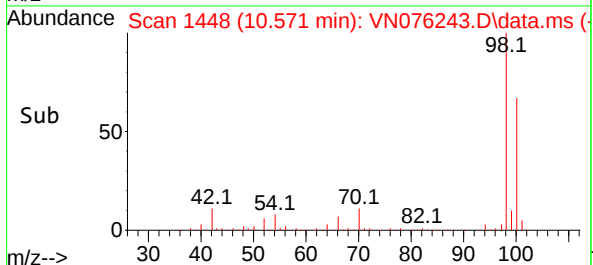
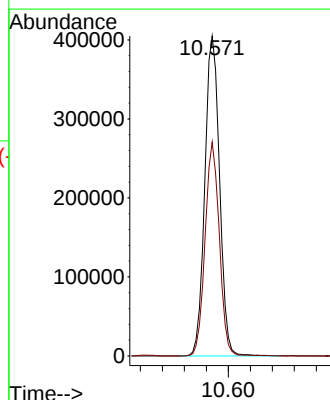
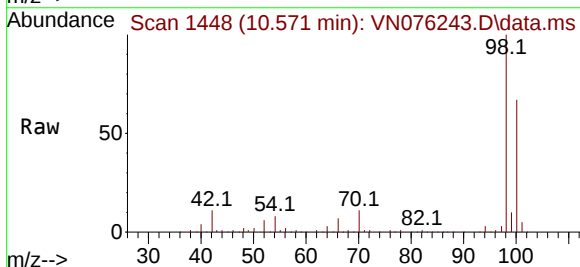
Acq: 13 Jan 2023 13:02

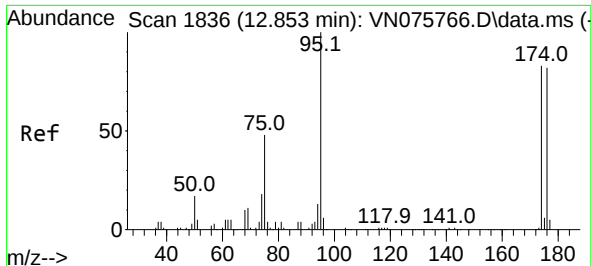
Tgt Ion: 98 Resp: 753322

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

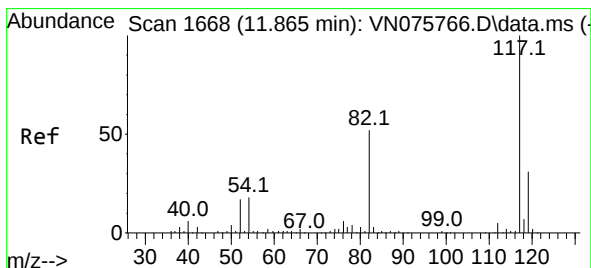
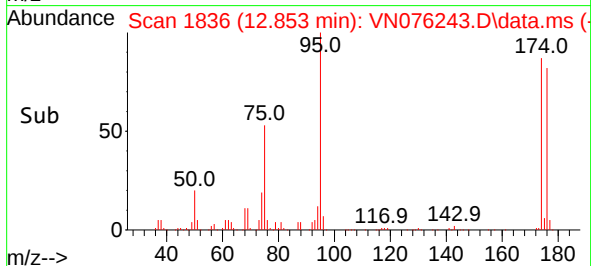
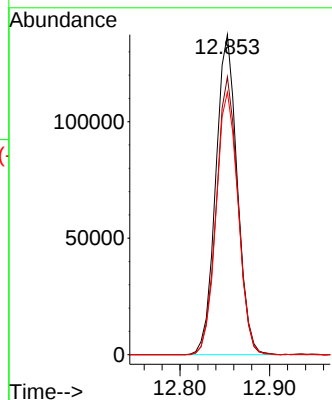
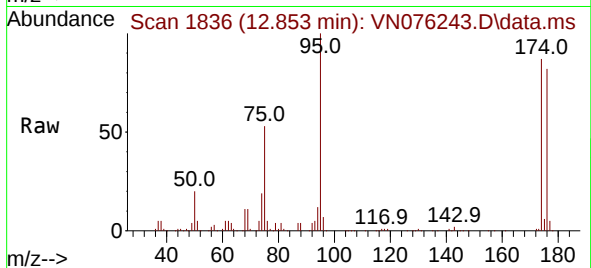




#62
4-Bromofluorobenzene
Concen: 46.331 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076243.D
Acq: 13 Jan 2023 13:02

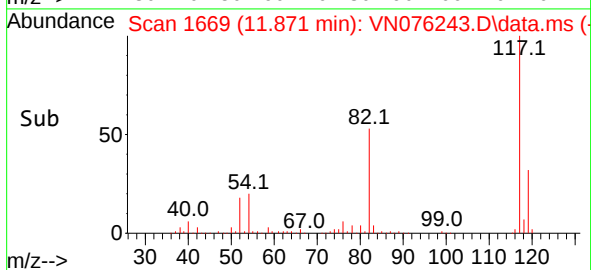
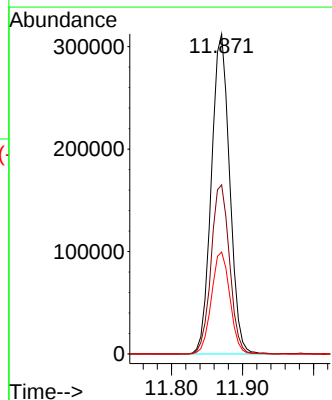
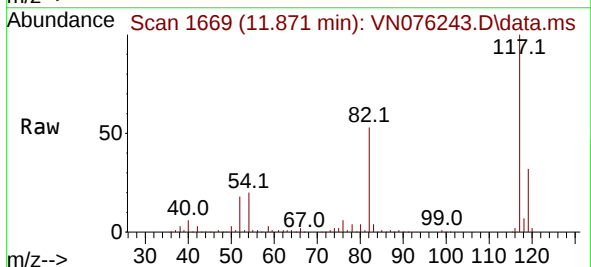
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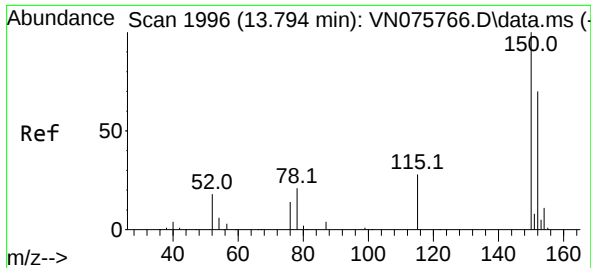
Tgt Ion: 95 Resp: 228441
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.6
176 83.9 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076243.D
Acq: 13 Jan 2023 13:02

Tgt Ion: 117 Resp: 557766
Ion Ratio Lower Upper
117 100
82 52.8 41.3 61.9
119 31.9 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: VN076243.D
 Acq: 13 Jan 2023 13:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-4

Tgt Ion:152 Resp: 227581
 Ion Ratio Lower Upper
 152 100
 115 56.7 29.1 87.4
 150 156.6 0.0 347.0

