

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
 Data File : VN081073.D
 Acq On : 19 Feb 2024 14:07
 Operator : JC\MD
 Sample : PB159057ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159057ZHE#01

Quant Time: Feb 20 00:21:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

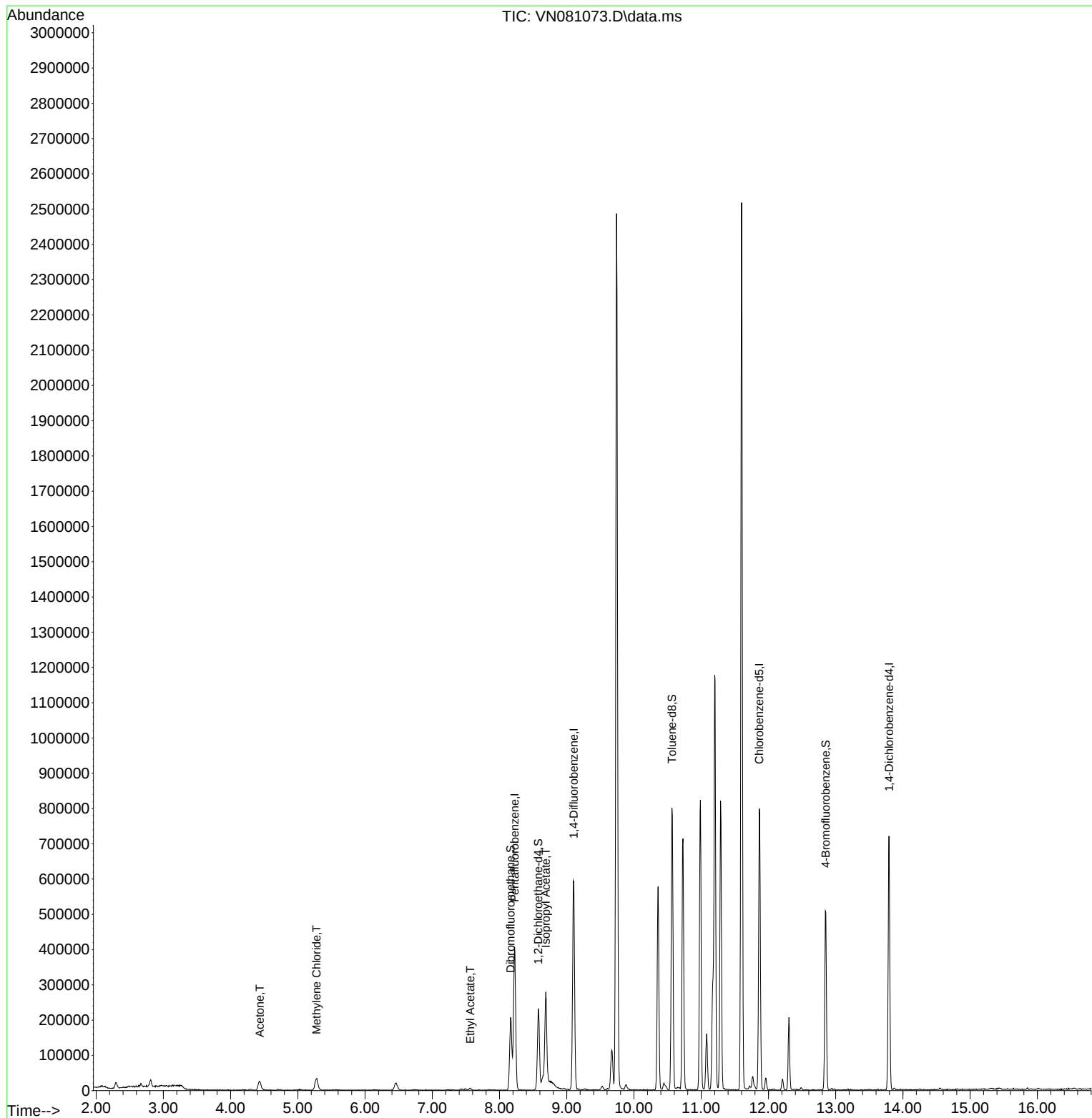
Internal Standards						
1) Pentafluorobenzene	8.224	168	284211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	533599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	471190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182521	52.394	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.780%		
35) Dibromofluoromethane	8.165	113	144984	48.050	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.100%		
50) Toluene-d8	10.565	98	549255	51.252	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.500%		
62) 4-Bromofluorobenzene	12.853	95	182691	45.368	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.740%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	49635	36.211	ug/l	93
20) Methylene Chloride	5.277	84	26270	6.601	ug/l #	75
37) Ethyl Acetate	7.565	43	7584	1.626	ug/l #	94
43) Isopropyl Acetate	8.688	43	344432	42.213	ug/l #	88

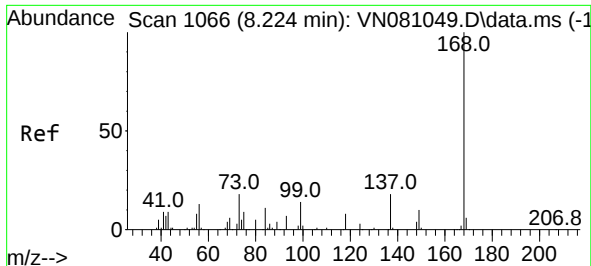
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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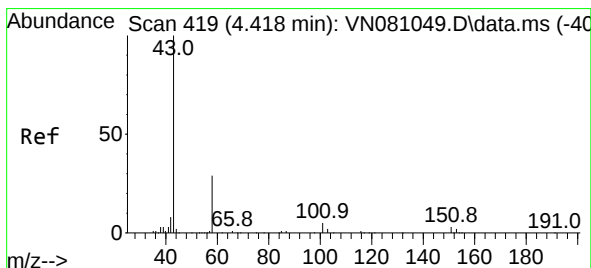
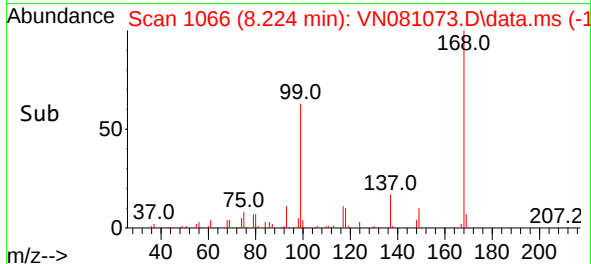
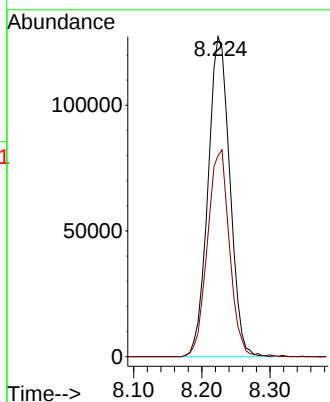
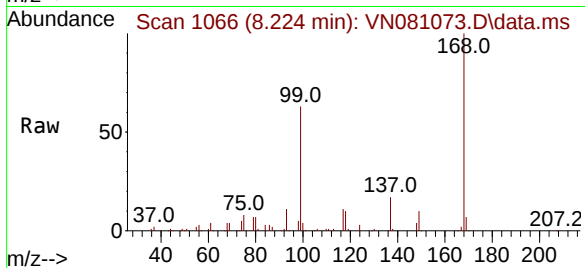




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081073.D
Acq: 19 Feb 2024 14:07

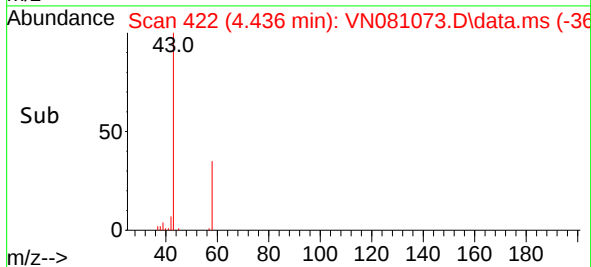
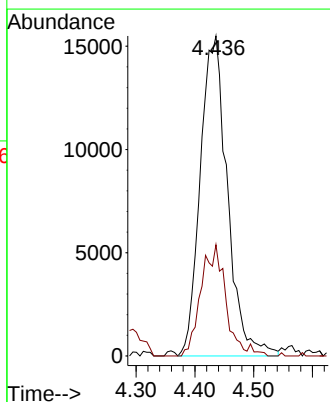
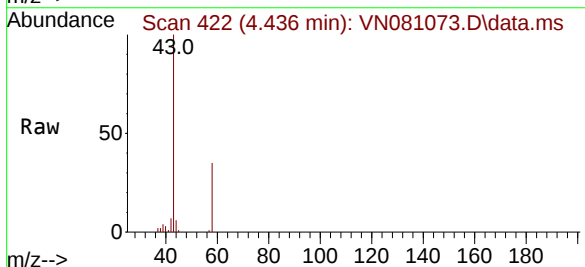
Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#01

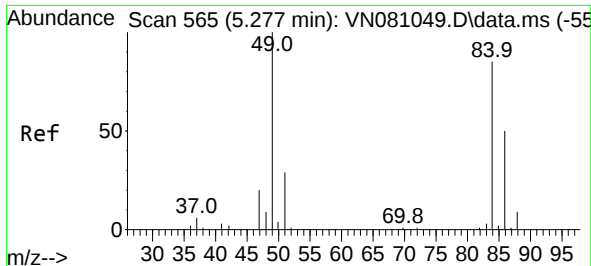
Tgt Ion:168 Resp: 284211
Ion Ratio Lower Upper
168 100
99 62.8 59.9 89.9



#16
Acetone
Concen: 36.211 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN081073.D
Acq: 19 Feb 2024 14:07

Tgt Ion: 43 Resp: 49635
Ion Ratio Lower Upper
43 100
58 34.8 24.8 37.2

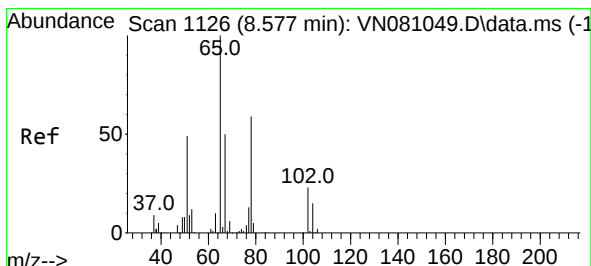
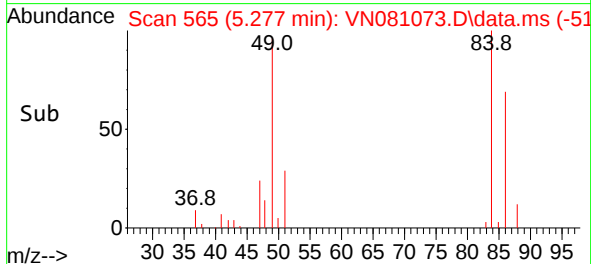
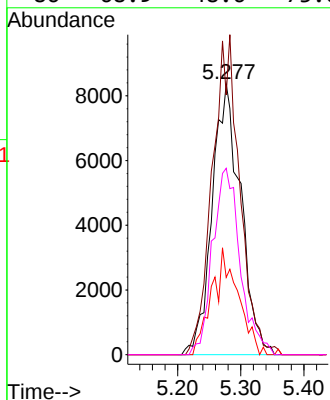
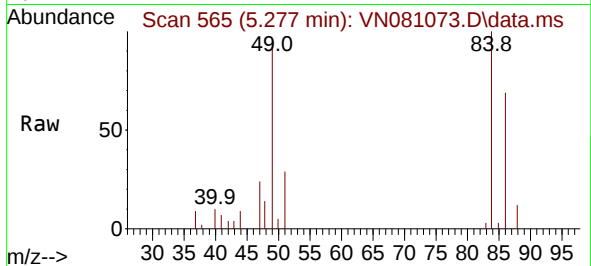




#20
Methylene Chloride
Concen: 6.601 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081073.D
Acq: 19 Feb 2024 14:07

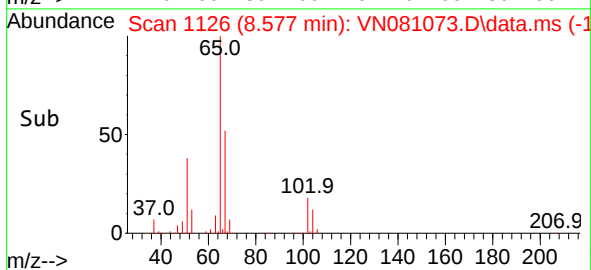
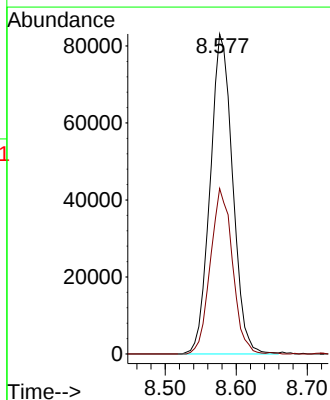
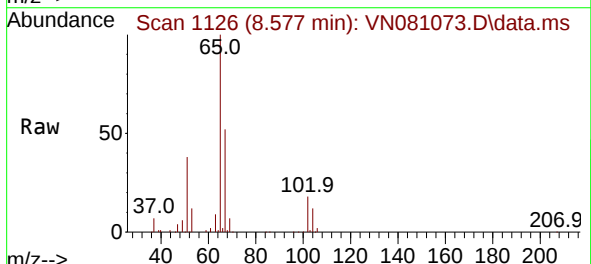
Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#01

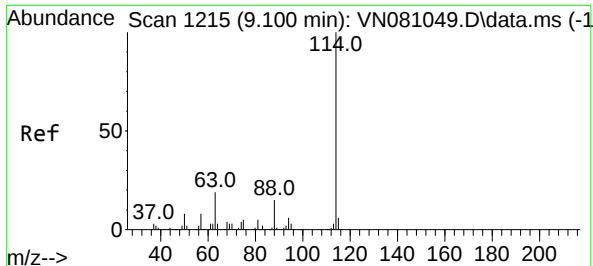
Tgt Ion:	84	Resp:	26270
Ion	Ratio	Lower	Upper
84	100		
49	95.9	108.1	162.1#
51	28.5	32.9	49.3#
86	68.9	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 52.394 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081073.D
Acq: 19 Feb 2024 14:07

Tgt Ion:	65	Resp:	182521
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.4

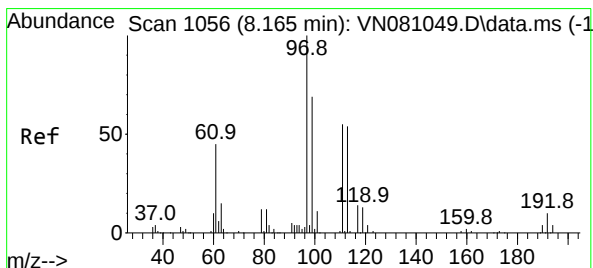
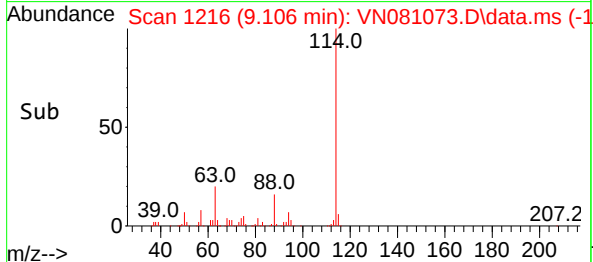
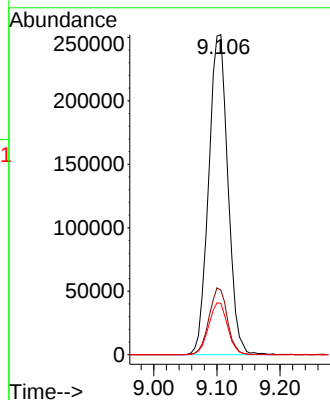
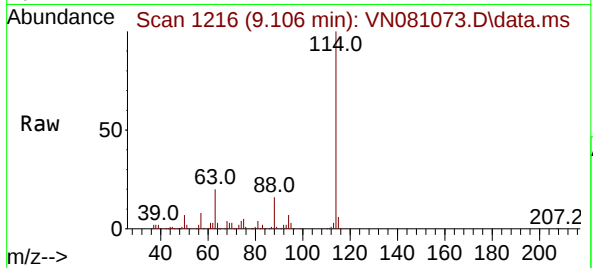




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081073.D
Acq: 19 Feb 2024 14:07

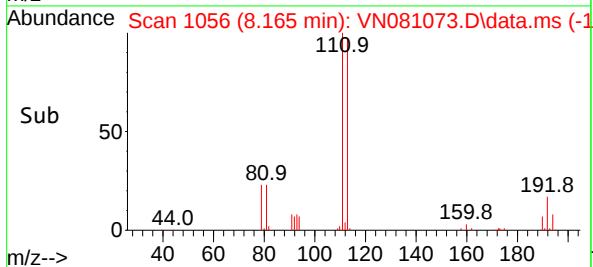
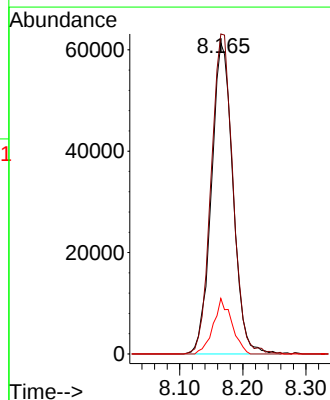
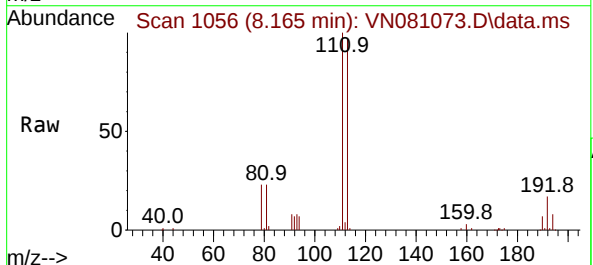
Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#01

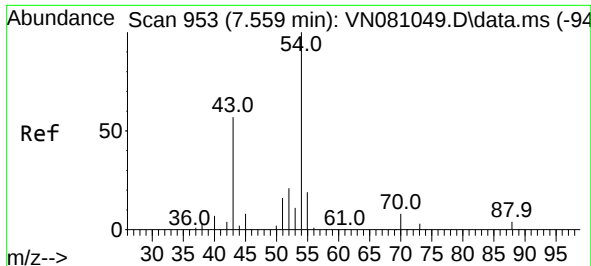
Tgt Ion:114 Resp: 533599
Ion Ratio Lower Upper
114 100
63 20.2 0.0 48.0
88 16.1 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.050 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081073.D
Acq: 19 Feb 2024 14:07

Tgt Ion:113 Resp: 144984
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 15.4 12.5 18.7





#37

Ethyl Acetate

Concen: 1.626 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081073.D

Acq: 19 Feb 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :

PB159057ZHE#01

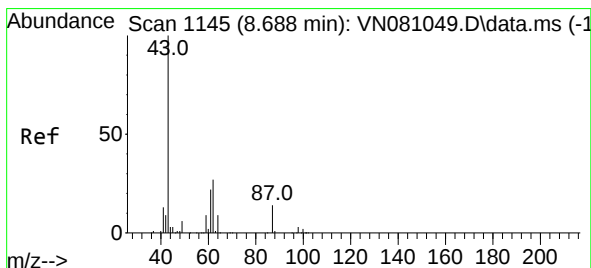
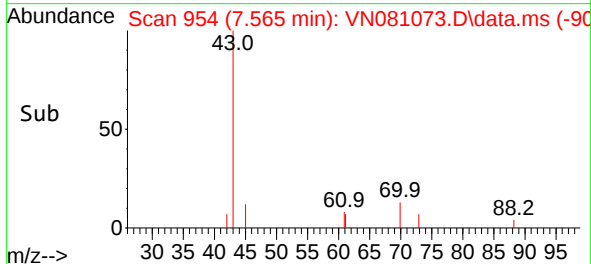
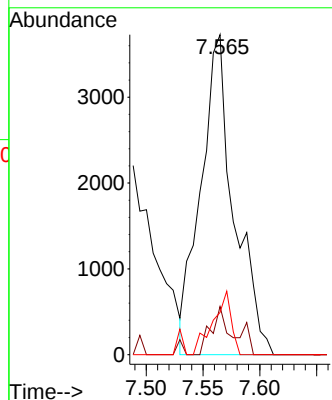
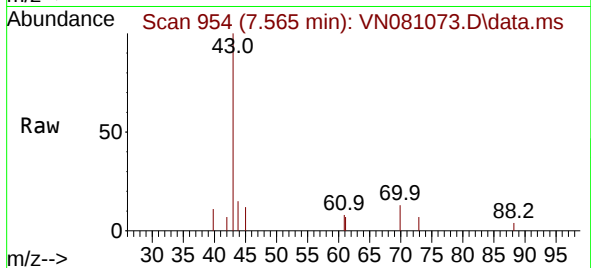
Tgt Ion: 43 Resp: 7584

Ion Ratio Lower Upper

43 100

61 10.1 10.6 15.8#

70 11.0 8.0 12.0



#43

Isopropyl Acetate

Concen: 42.213 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081073.D

Acq: 19 Feb 2024 14:07

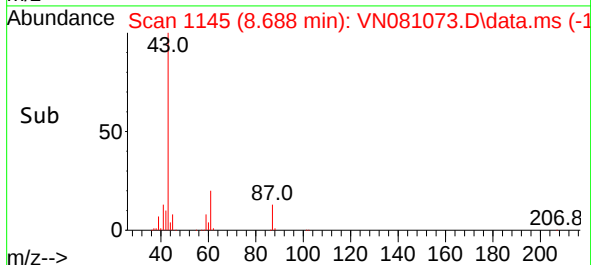
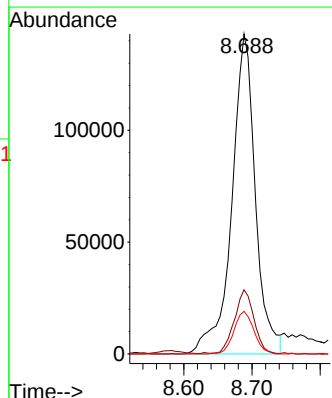
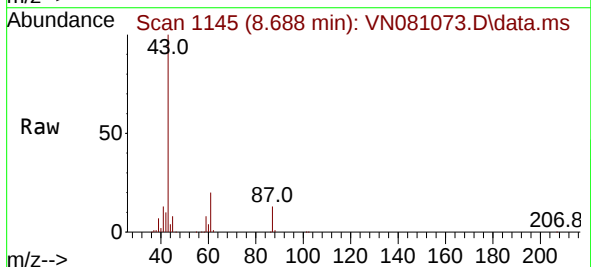
Tgt Ion: 43 Resp: 344432

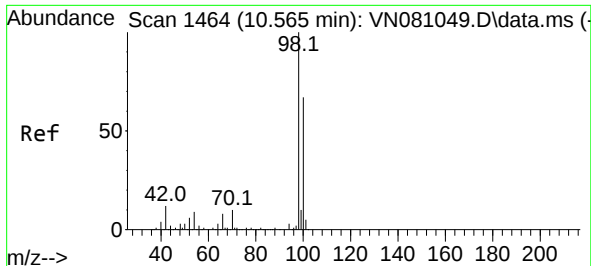
Ion Ratio Lower Upper

43 100

61 16.4 19.9 29.9#

87 11.3 9.0 13.6

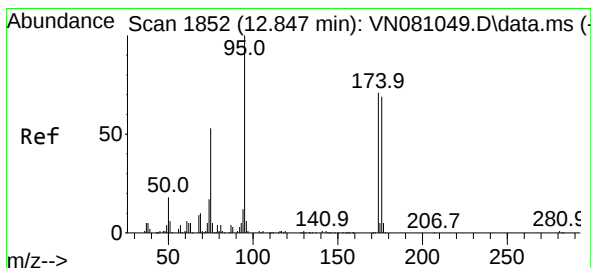
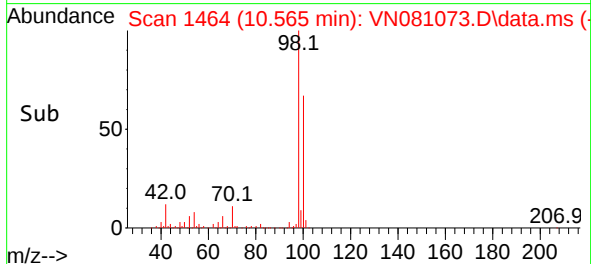
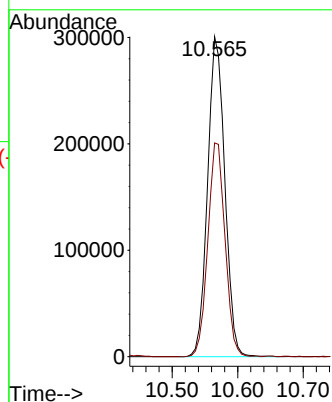
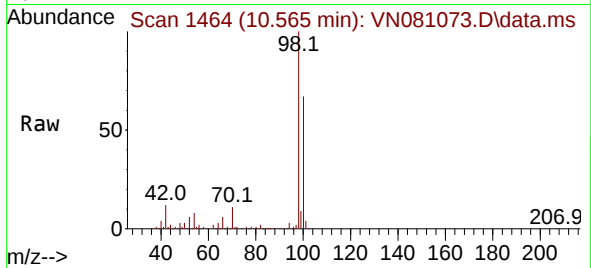




#50
Toluene-d8
Concen: 51.252 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081073.D
Acq: 19 Feb 2024 14:07

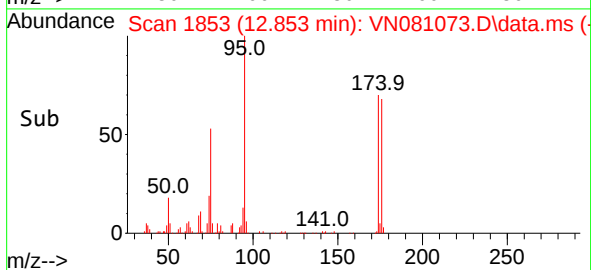
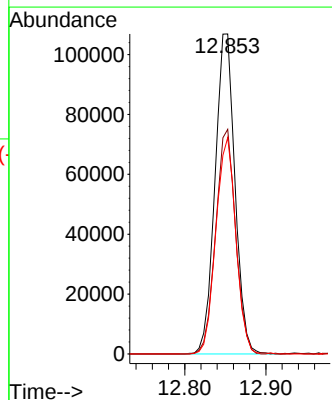
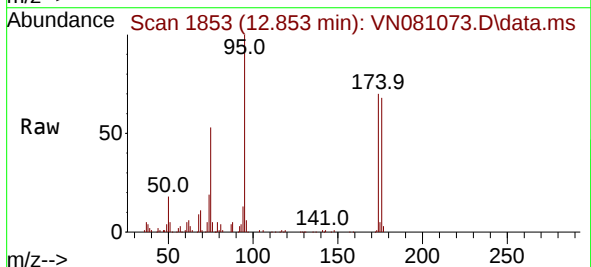
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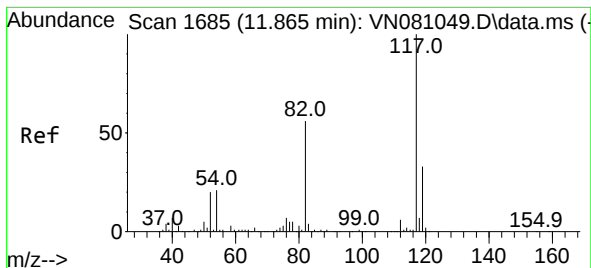
Tgt Ion: 98 Resp: 549255
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.368 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081073.D
Acq: 19 Feb 2024 14:07

Tgt Ion: 95 Resp: 182691
Ion Ratio Lower Upper
95 100
174 70.4 0.0 120.4
176 67.6 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081073.D

Acq: 19 Feb 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :

PB159057ZHE#01

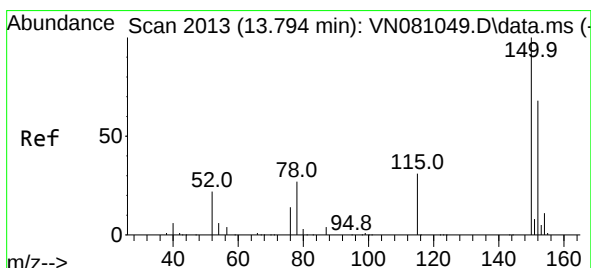
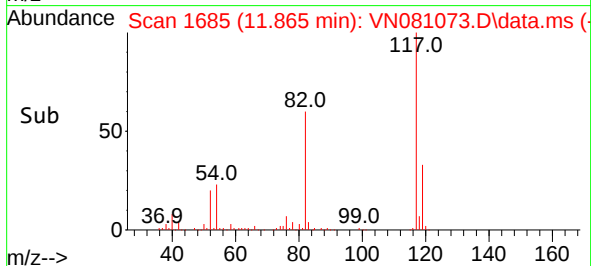
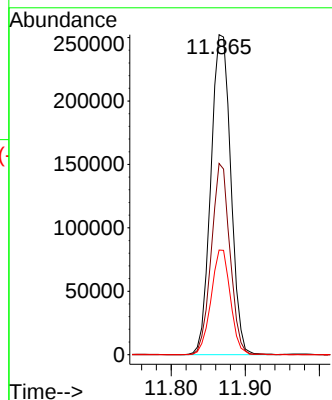
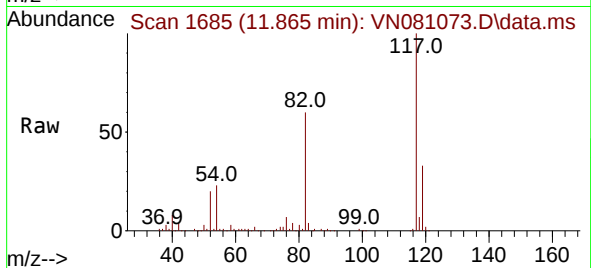
Tgt Ion:117 Resp: 471190

Ion Ratio Lower Upper

117 100

82 59.7 52.7 79.1

119 32.7 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081073.D

Acq: 19 Feb 2024 14:07

Tgt Ion:152 Resp: 188735

Ion Ratio Lower Upper

152 100

115 63.3 32.3 96.8

150 155.2 0.0 339.8

