

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080963.D
 Acq On : 08 Feb 2024 14:58
 Operator : JC\MD
 Sample : PB125888TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125888TB

Quant Time: Feb 09 01:22:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

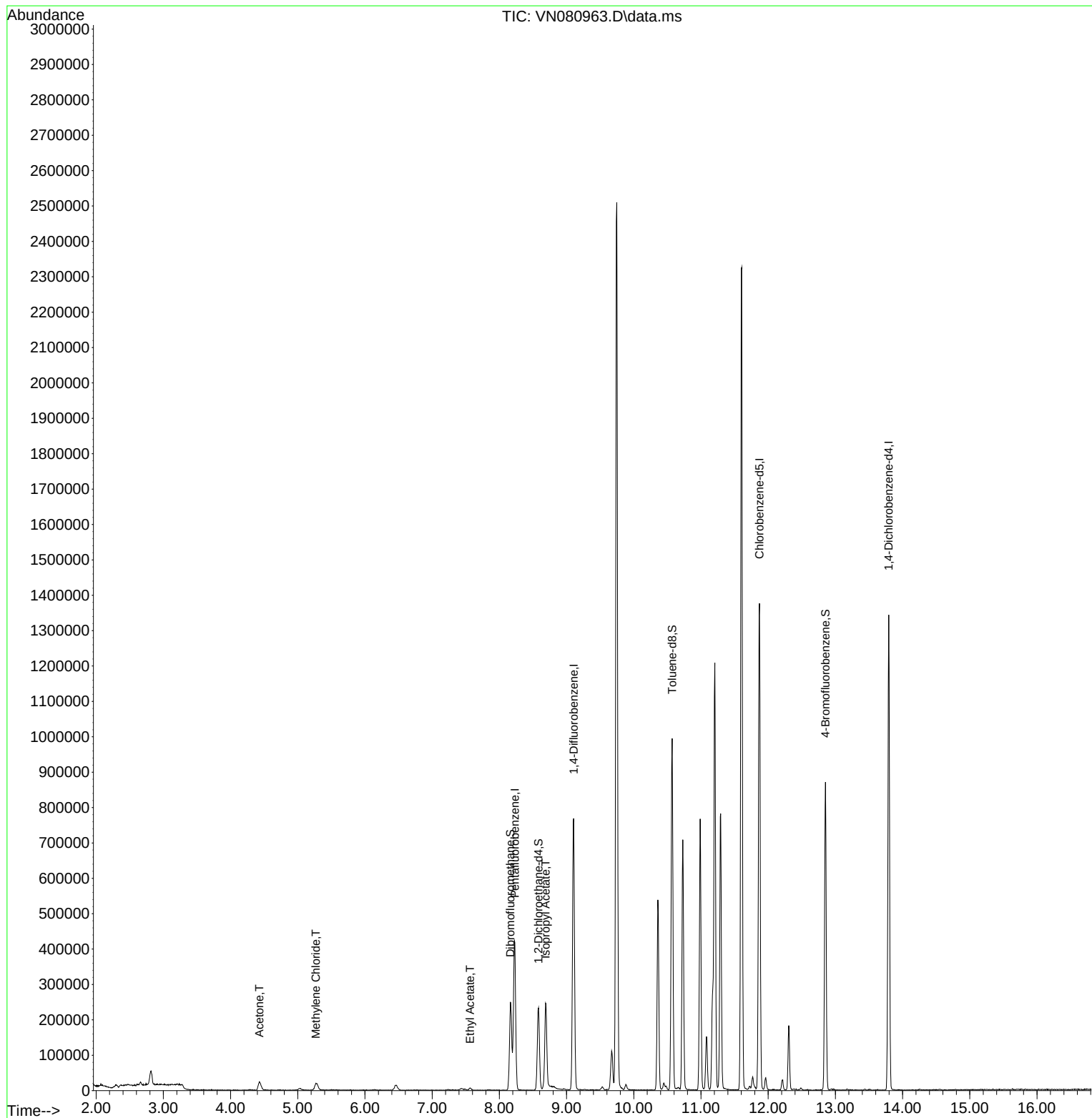
Internal Standards						
1) Pentafluorobenzene	8.229	168	300205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	671323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	826165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	345485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	190517	50.307	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.620%		
35) Dibromofluoromethane	8.165	113	173657	48.207	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.420%		
50) Toluene-d8	10.571	98	682141	52.352	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.700%		
62) 4-Bromofluorobenzene	12.853	95	304681	64.368	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 128.740%#		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	44312	35.565	ug/l	89
20) Methylene Chloride	5.271	84	16597	4.397	ug/l #	80
37) Ethyl Acetate	7.565	43	7884	1.944	ug/l #	91
43) Isopropyl Acetate	8.688	43	285396	38.274	ug/l #	91

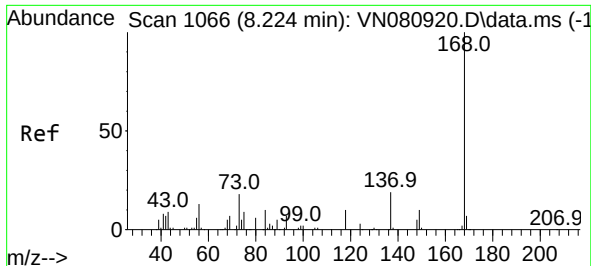
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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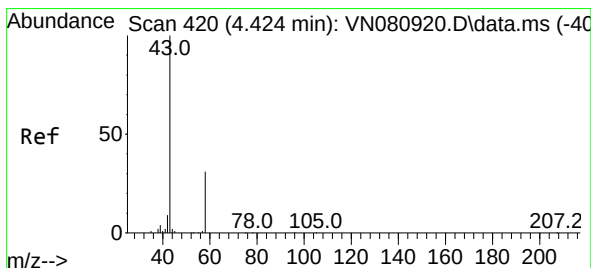
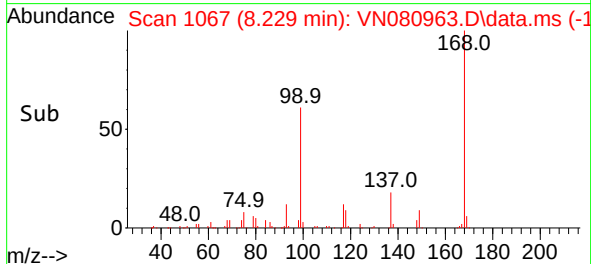
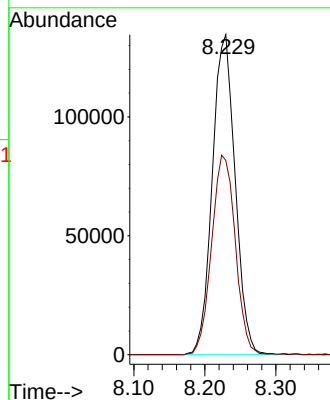
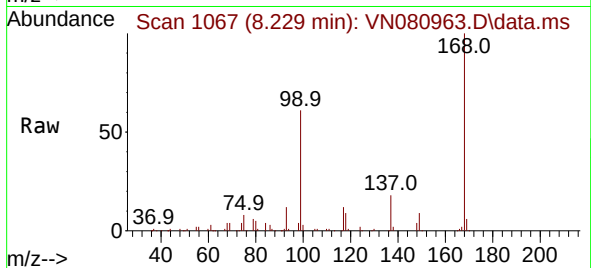




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080963.D
Acq: 08 Feb 2024 14:58

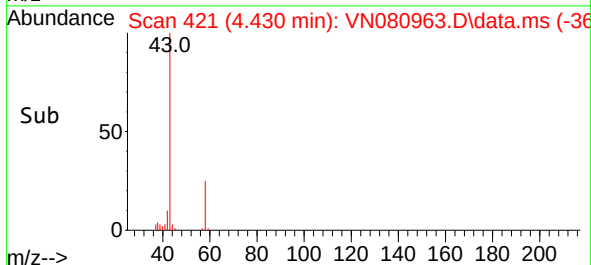
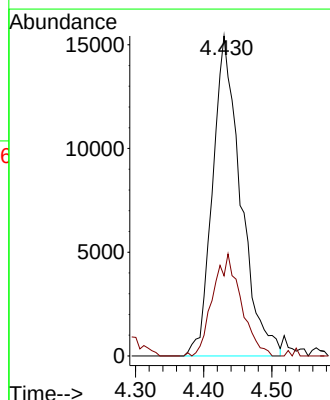
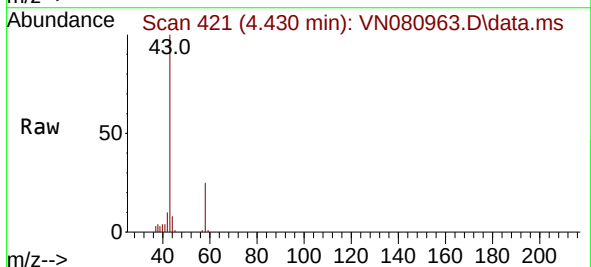
Instrument :
MSVOA_N
ClientSampleId :
PB125888TB

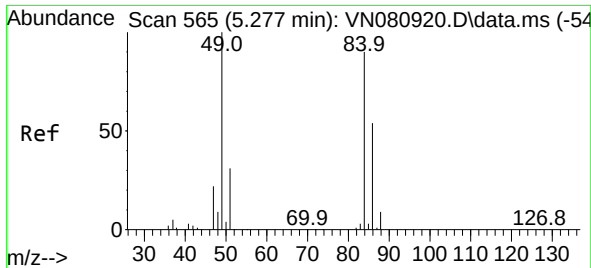
Tgt Ion:168 Resp: 300205
Ion Ratio Lower Upper
168 100
99 60.7 59.9 89.9



#16
Acetone
Concen: 35.565 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080963.D
Acq: 08 Feb 2024 14:58

Tgt Ion: 43 Resp: 44312
Ion Ratio Lower Upper
43 100
58 25.1 24.8 37.2

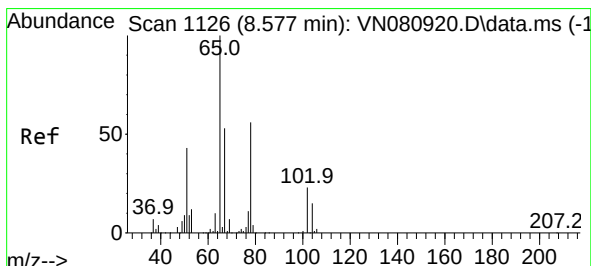
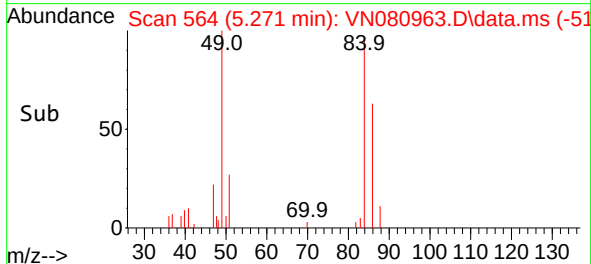
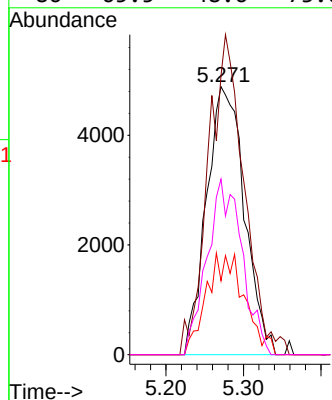
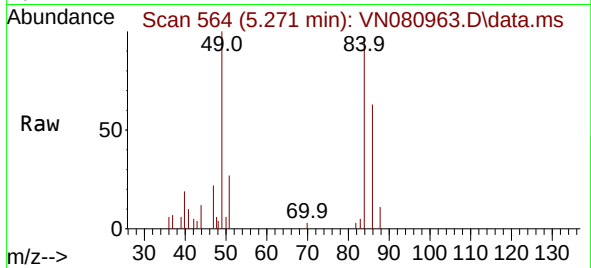




#20
Methylene Chloride
Concen: 4.397 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080963.D
Acq: 08 Feb 2024 14:58

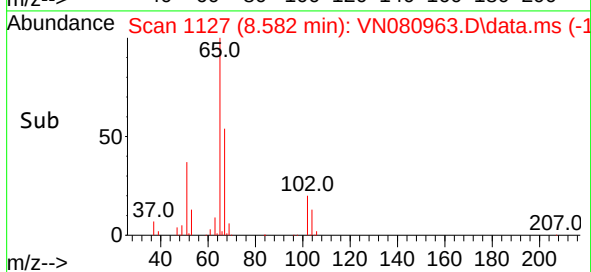
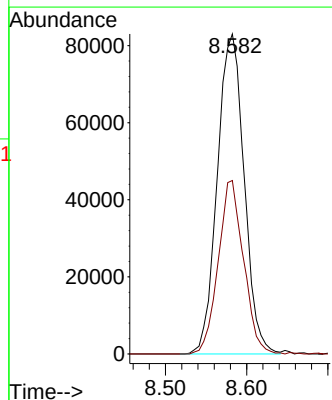
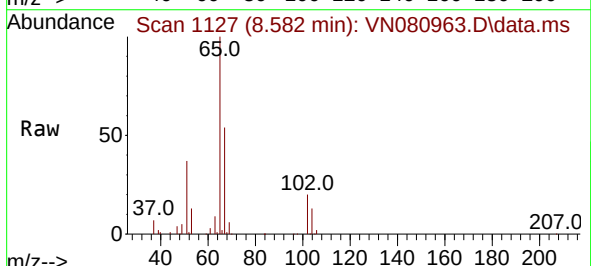
Instrument :
MSVOA_N
ClientSampleId :
PB125888TB

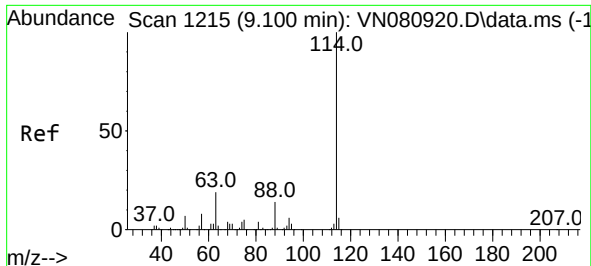
Tgt Ion:	84	Resp:	16597
Ion	Ratio	Lower	Upper
84	100		
49	104.1	108.1	162.1#
51	27.6	32.9	49.3#
86	65.5	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 50.307 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080963.D
Acq: 08 Feb 2024 14:58

Tgt Ion:	65	Resp:	190517
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.4

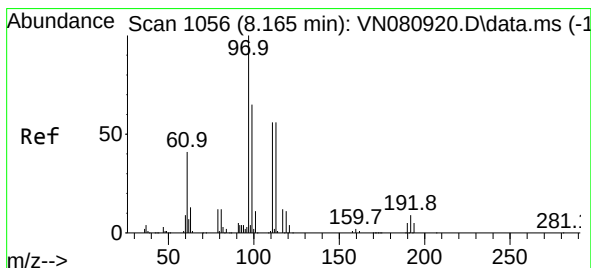
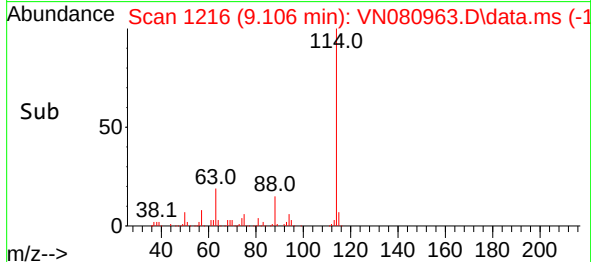
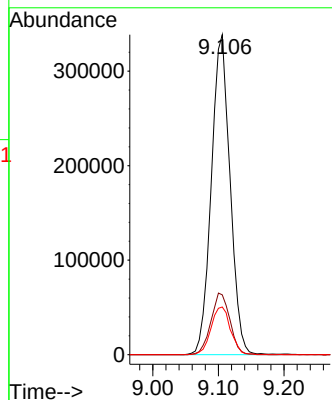
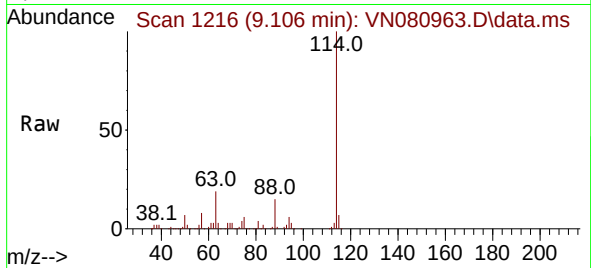




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080963.D
Acq: 08 Feb 2024 14:58

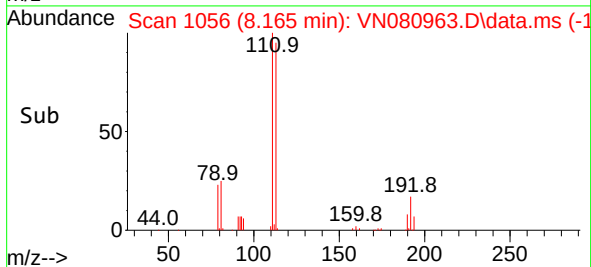
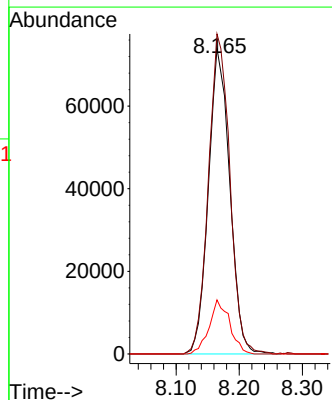
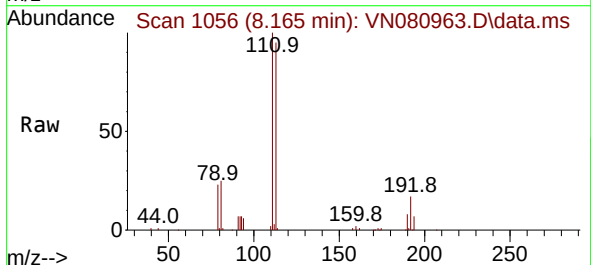
Instrument :
MSVOA_N
ClientSampleId :
PB125888TB

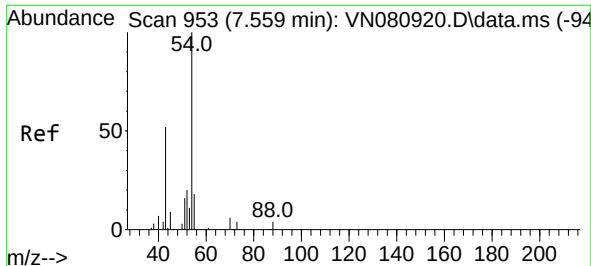
Tgt Ion:114 Resp: 671323
Ion Ratio Lower Upper
114 100
63 18.7 0.0 48.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.207 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080963.D
Acq: 08 Feb 2024 14:58

Tgt Ion:113 Resp: 173657
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.4
192 17.0 12.5 18.7

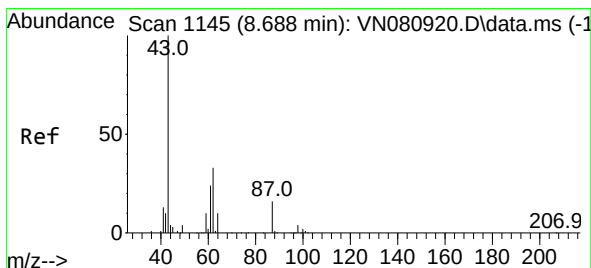
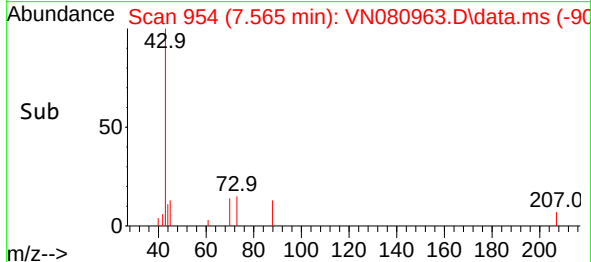
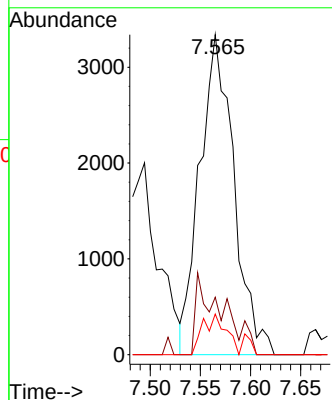
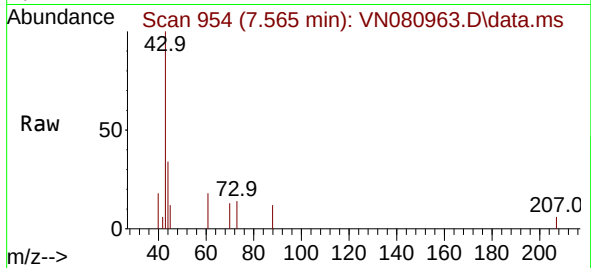




#37
Ethyl Acetate
Concen: 1.944 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080963.D
Acq: 08 Feb 2024 14:58

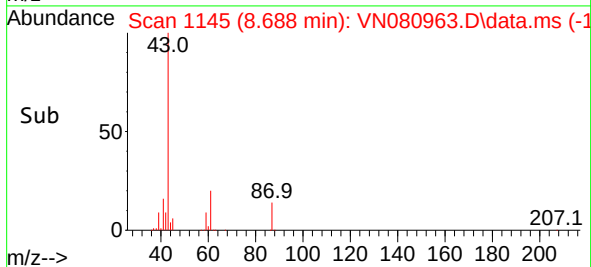
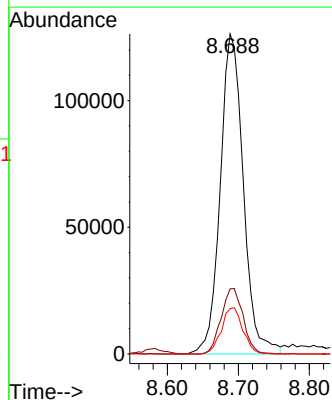
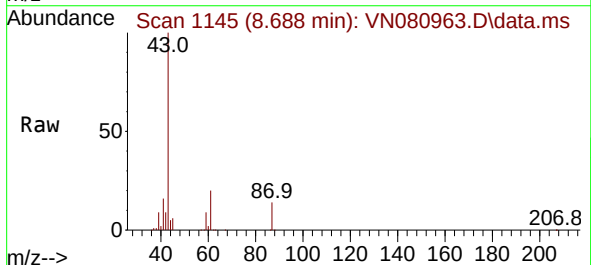
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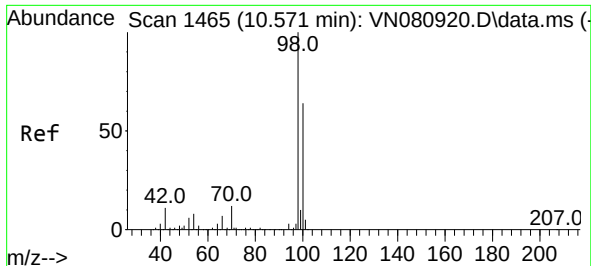
Tgt Ion: 43 Resp: 7884
Ion Ratio Lower Upper
43 100
61 8.2 10.6 15.8#
70 8.7 8.0 12.0



#43
Isopropyl Acetate
Concen: 38.274 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080963.D
Acq: 08 Feb 2024 14:58

Tgt Ion: 43 Resp: 285396
Ion Ratio Lower Upper
43 100
61 19.4 19.9 29.9#
87 13.3 9.0 13.6

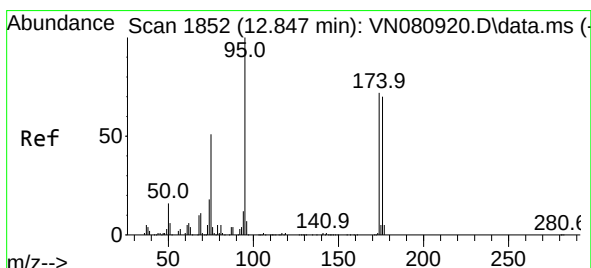
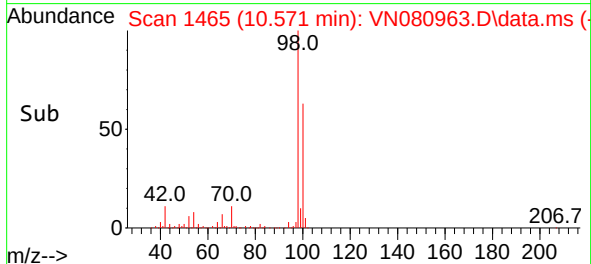
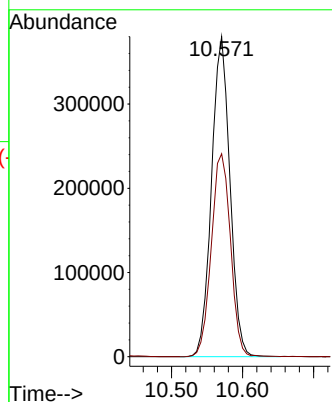
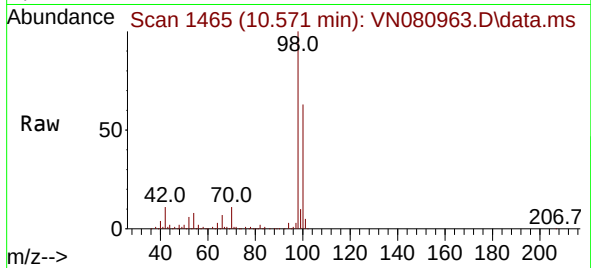




#50
Toluene-d8
Concen: 52.352 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080963.D
Acq: 08 Feb 2024 14:58

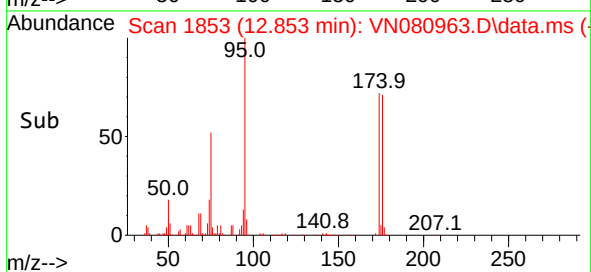
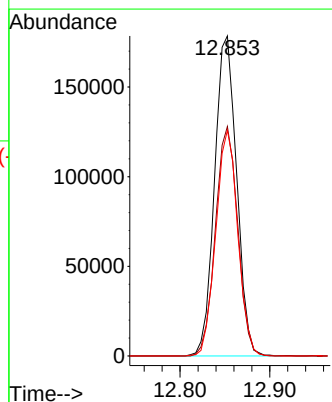
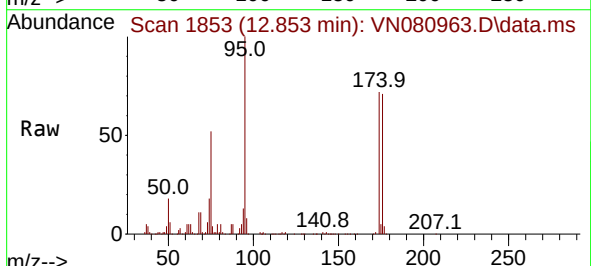
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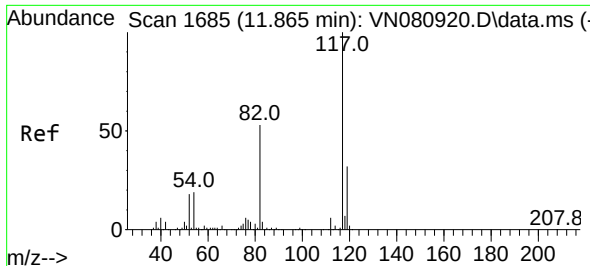
Tgt Ion: 98 Resp: 682141
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 64.368 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080963.D
Acq: 08 Feb 2024 14:58

Tgt Ion: 95 Resp: 304681
Ion Ratio Lower Upper
95 100
174 72.4 0.0 120.4
176 70.2 0.0 121.0

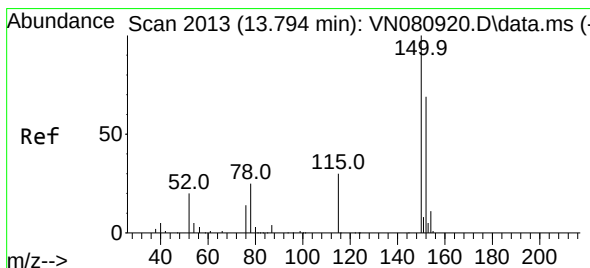
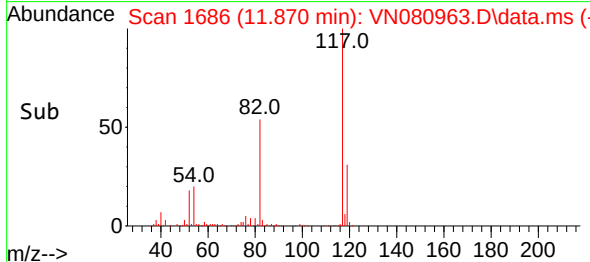
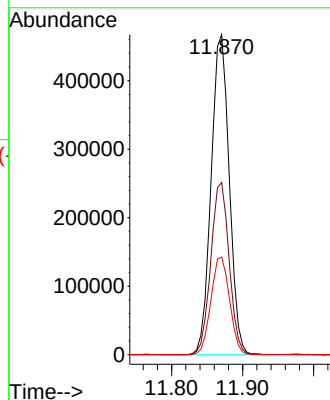
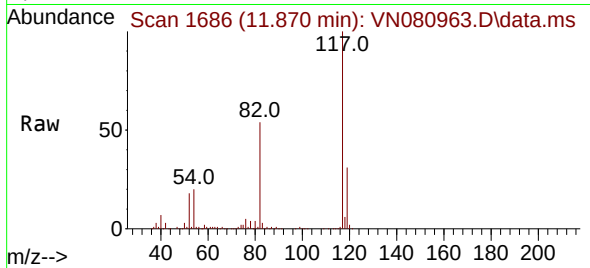




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080963.D
Acq: 08 Feb 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
PB125888TB

Tgt Ion:117 Resp: 826165
Ion Ratio Lower Upper
117 100
82 53.8 52.7 79.1
119 30.5 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: VN080963.D
Acq: 08 Feb 2024 14:58

Tgt Ion:152 Resp: 345485
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 162.7 0.0 339.8

