

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080940.D
 Acq On : 07 Feb 2024 16:51
 Operator : JC\MD
 Sample : PB158850ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158850ZHE#04

Quant Time: Feb 08 00:28:12 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)

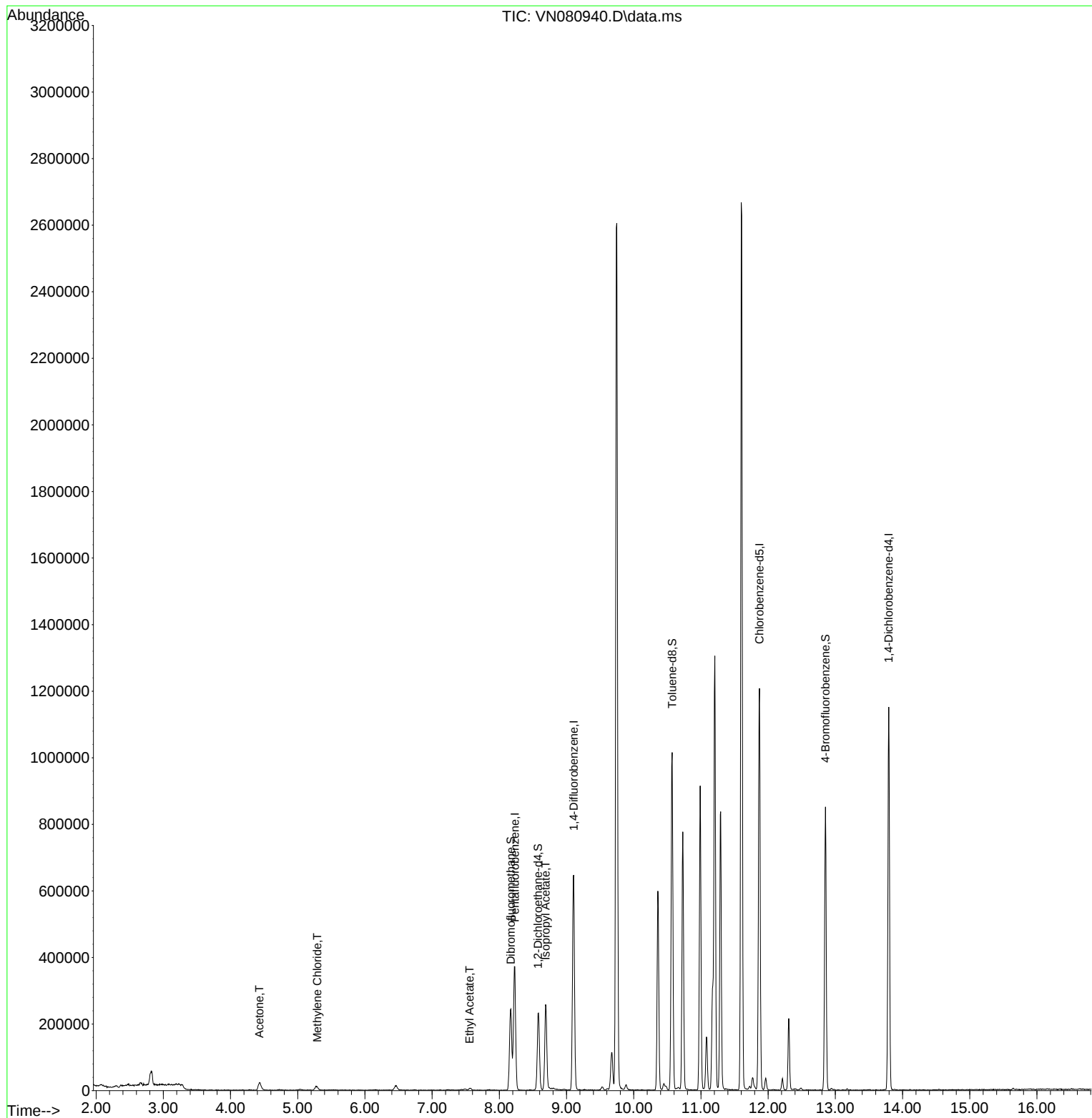
Internal Standards						
1) Pentafluorobenzene	8.230	168	259437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	563789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	712562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	304100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	191914	58.639	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 117.280%		
35) Dibromofluoromethane	8.171	113	176804	58.442	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 116.880%		
50) Toluene-d8	10.571	98	705445	64.467	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 128.940%#		
62) 4-Bromofluorobenzene	12.853	95	293620	73.862	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 147.720%#		
Target Compounds						
16) Acetone	4.430	43	43853	40.727	ug/l	95
20) Methylene Chloride	5.289	84	8428	2.584	ug/l	86
37) Ethyl Acetate	7.559	43	8504	2.497	ug/l #	89
43) Isopropyl Acetate	8.688	43	290435	46.379	ug/l #	89

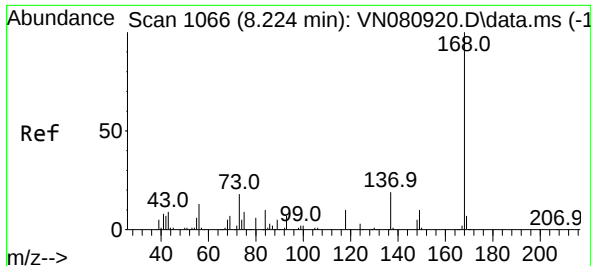
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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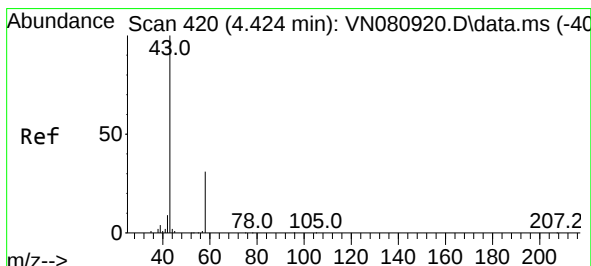
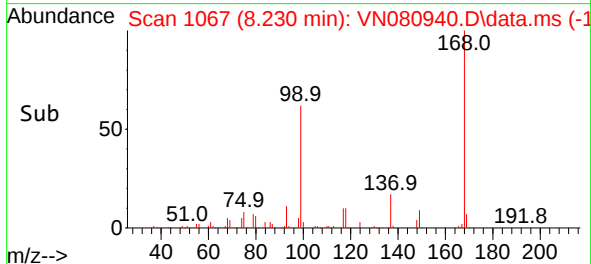
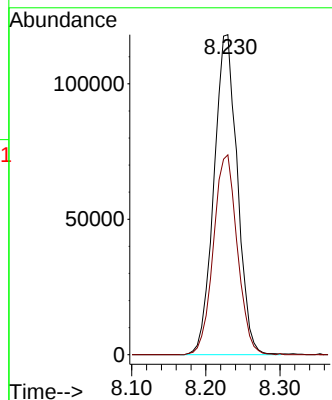
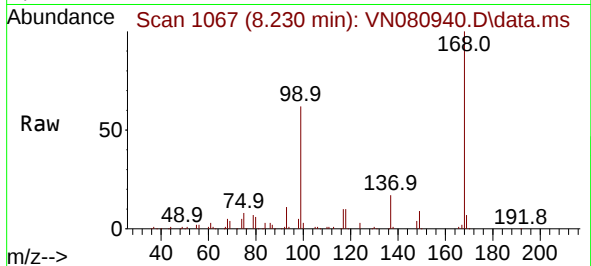




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080940.D
Acq: 07 Feb 2024 16:51

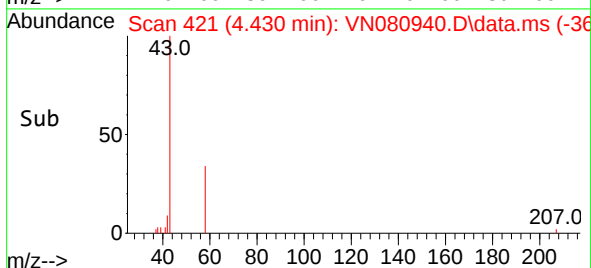
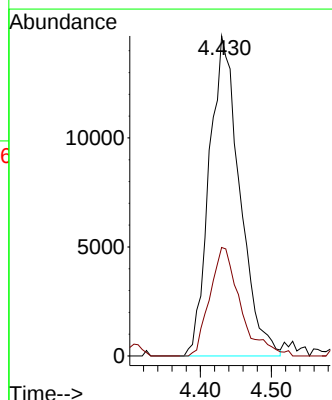
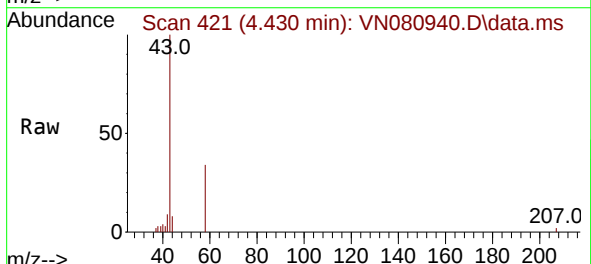
Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#04

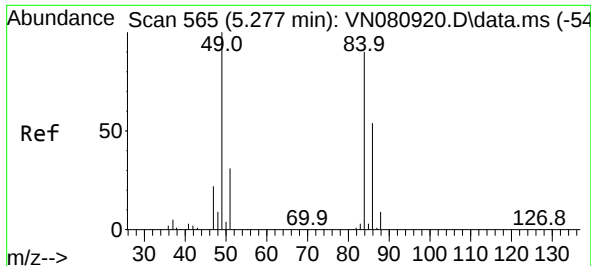
Tgt Ion:168 Resp: 259437
Ion Ratio Lower Upper
168 100
99 62.4 59.9 89.9



#16
Acetone
Concen: 40.727 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080940.D
Acq: 07 Feb 2024 16:51

Tgt Ion: 43 Resp: 43853
Ion Ratio Lower Upper
43 100
58 33.9 24.8 37.2

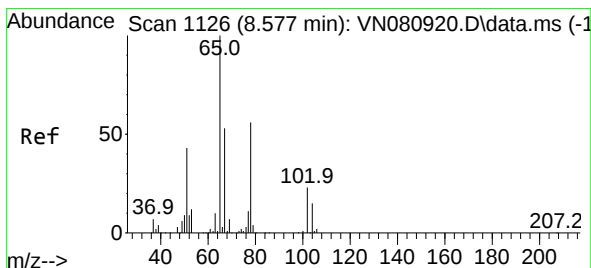
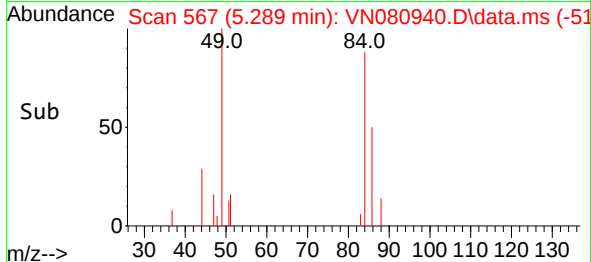
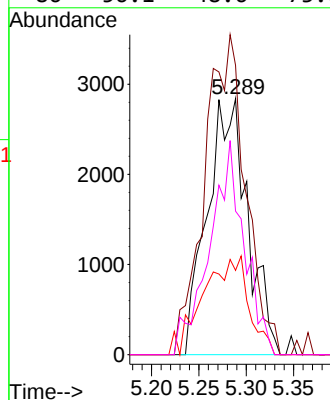
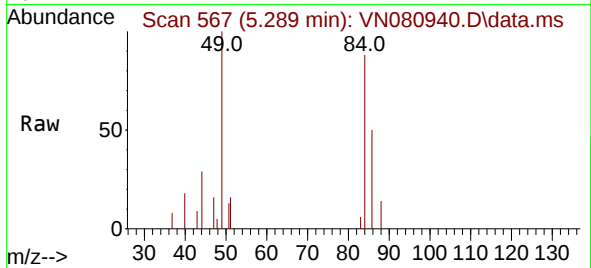




#20
Methylene Chloride
Concen: 2.584 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080940.D
Acq: 07 Feb 2024 16:51

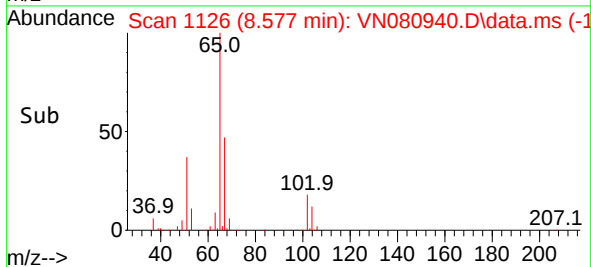
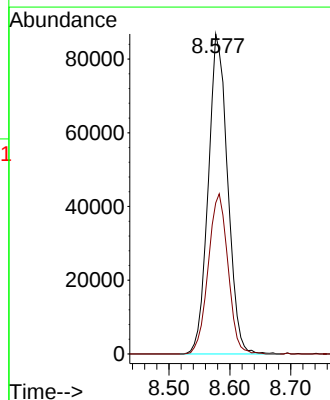
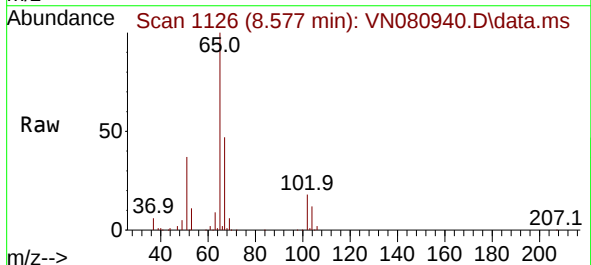
Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#04

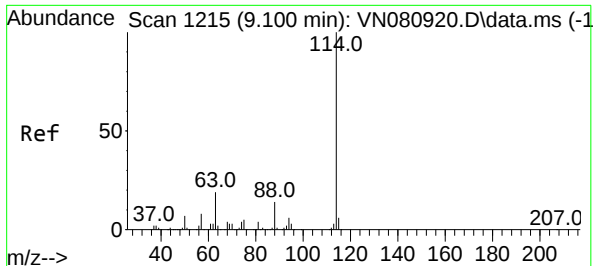
Tgt Ion:	84	Resp:	8428
Ion	Ratio	Lower	Upper
84	100		
49	113.0	108.1	162.1
51	33.0	32.9	49.3
86	56.1	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 58.639 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080940.D
Acq: 07 Feb 2024 16:51

Tgt Ion:	65	Resp:	191914
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.4

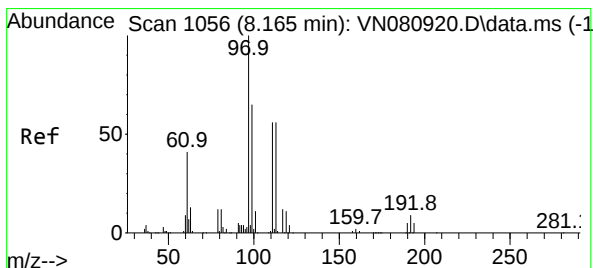
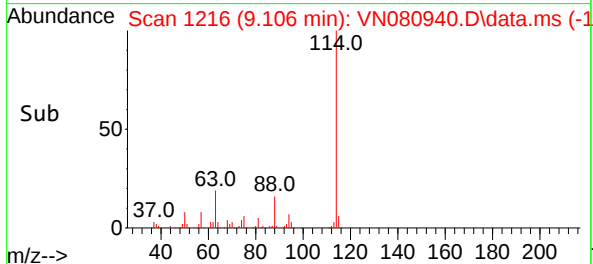
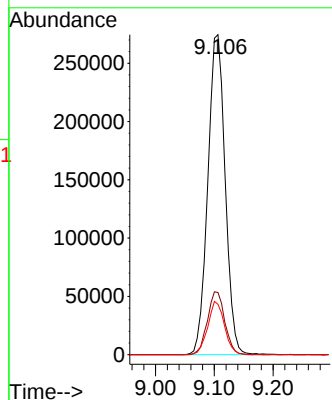
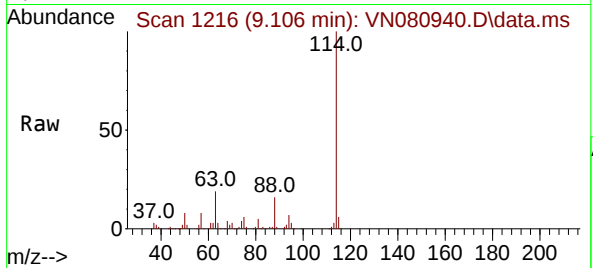




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080940.D
Acq: 07 Feb 2024 16:51

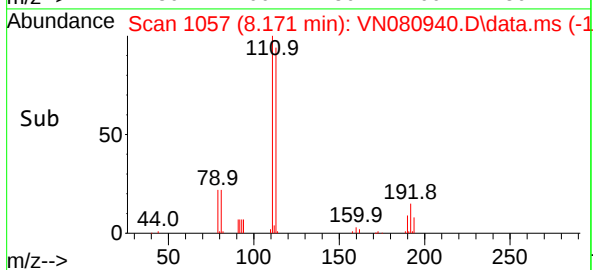
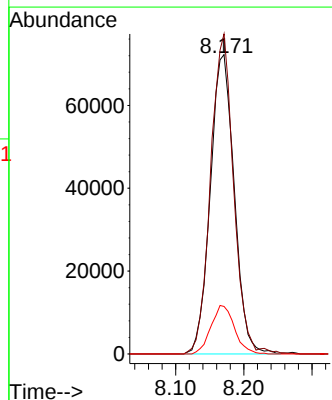
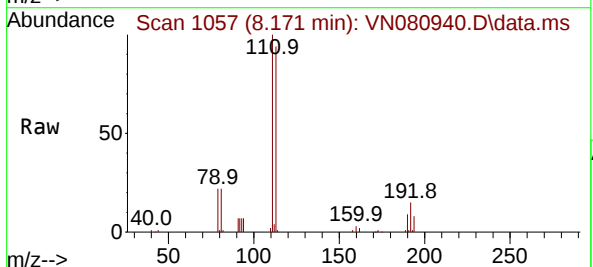
Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#04

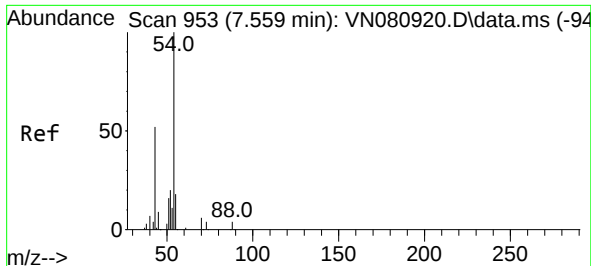
Tgt Ion:114 Resp: 563789
Ion Ratio Lower Upper
114 100
63 19.5 0.0 48.0
88 15.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 58.442 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080940.D
Acq: 07 Feb 2024 16:51

Tgt Ion:113 Resp: 176804
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 15.9 12.5 18.7

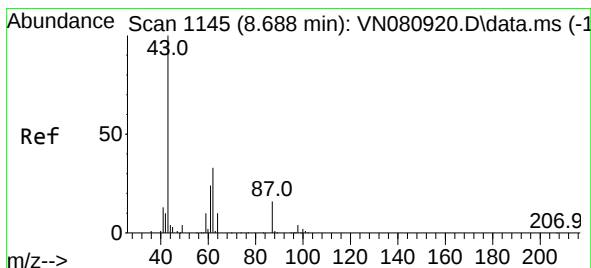
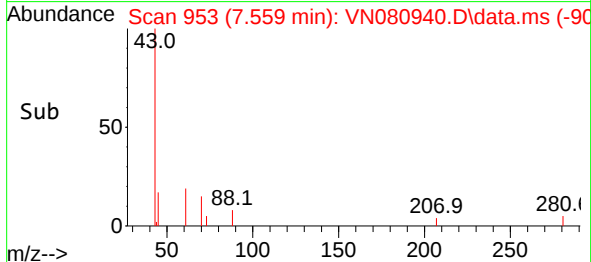
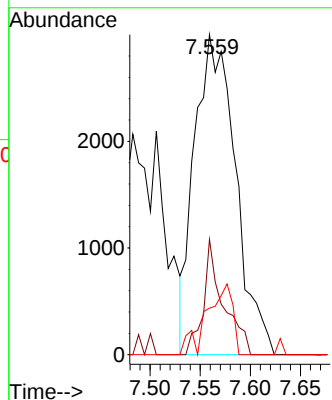
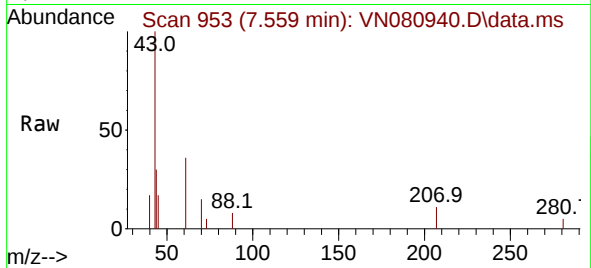




#37
Ethyl Acetate
Concen: 2.497 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080940.D
Acq: 07 Feb 2024 16:51

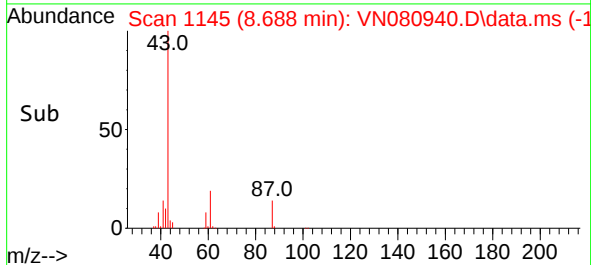
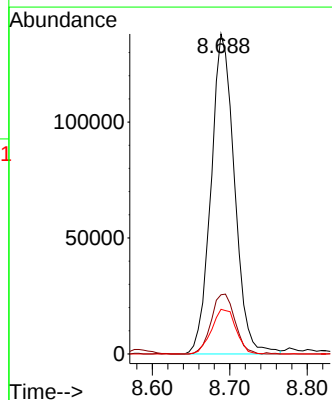
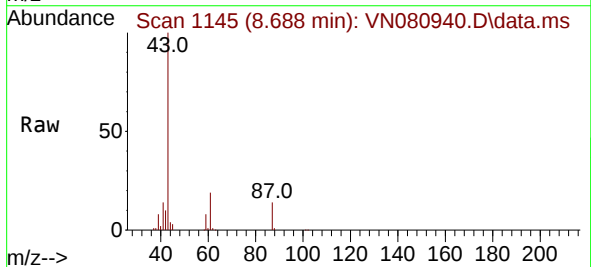
Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#04

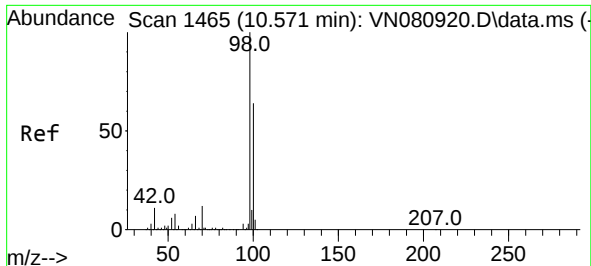
Tgt Ion: 43 Resp: 8504
Ion Ratio Lower Upper
43 100
61 17.7 10.6 15.8#
70 14.0 8.0 12.0#



#43
Isopropyl Acetate
Concen: 46.379 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080940.D
Acq: 07 Feb 2024 16:51

Tgt Ion: 43 Resp: 290435
Ion Ratio Lower Upper
43 100
61 18.9 19.9 29.9#
87 14.6 9.0 13.6#

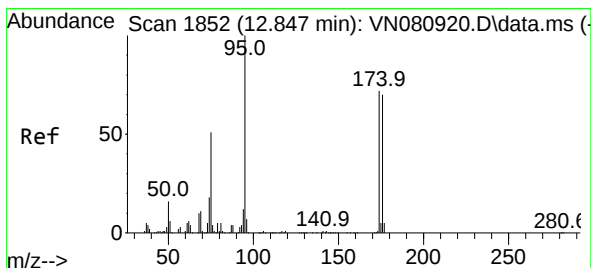
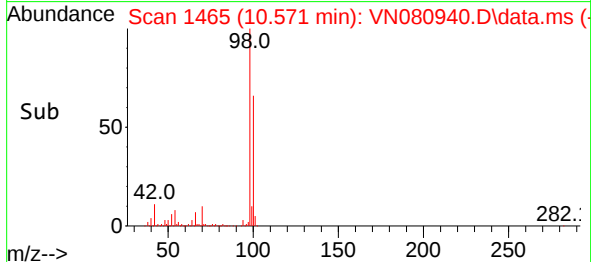
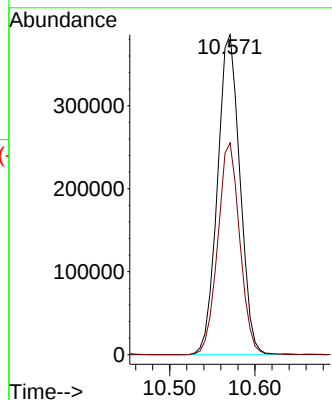
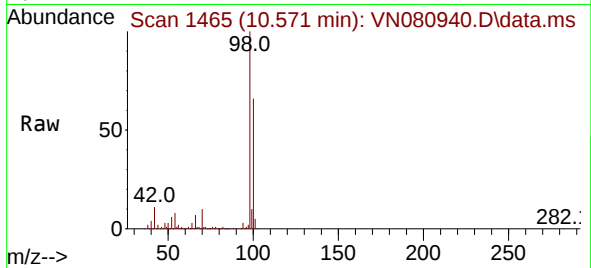




#50
Toluene-d8
Concen: 64.467 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080940.D
Acq: 07 Feb 2024 16:51

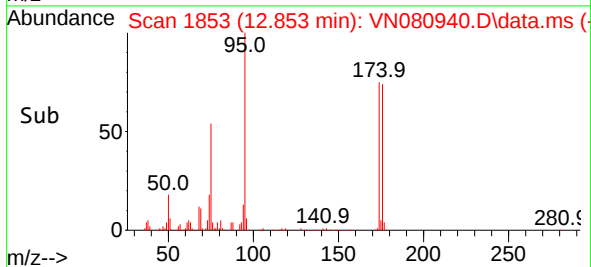
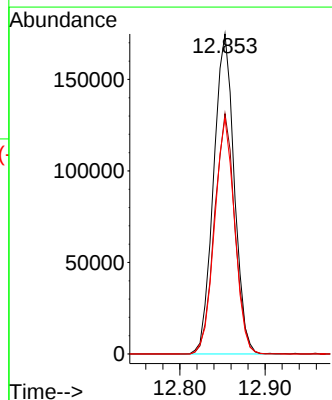
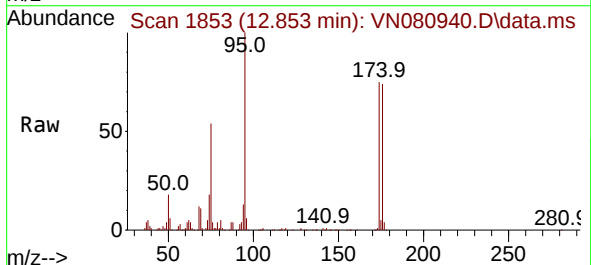
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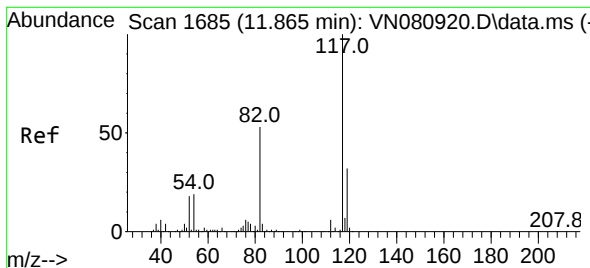
Tgt Ion: 98 Resp: 705445
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 73.862 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080940.D
Acq: 07 Feb 2024 16:51

Tgt Ion: 95 Resp: 293620
Ion Ratio Lower Upper
95 100
174 73.8 0.0 120.4
176 71.7 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080940.D

Acq: 07 Feb 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

PB158850ZHE#04

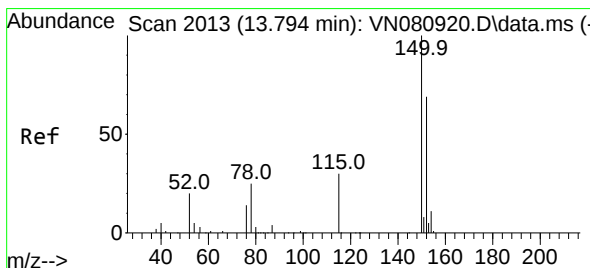
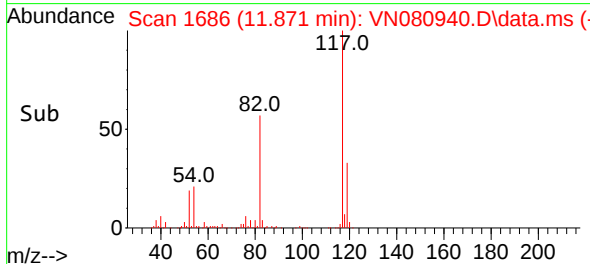
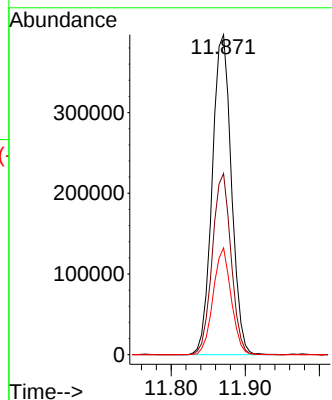
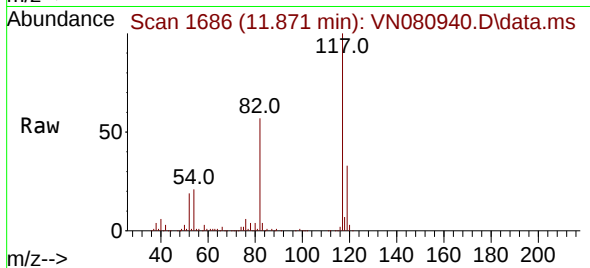
Tgt Ion:117 Resp: 712562

Ion Ratio Lower Upper

117 100

82 56.6 52.7 79.1

119 33.3 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: VN080940.D

Acq: 07 Feb 2024 16:51

Tgt Ion:152 Resp: 304100

Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 156.1 0.0 339.8

