

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080965.D
 Acq On : 08 Feb 2024 15:46
 Operator : JC\MD
 Sample : P1389-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2

Quant Time: Feb 09 01:22:56 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)

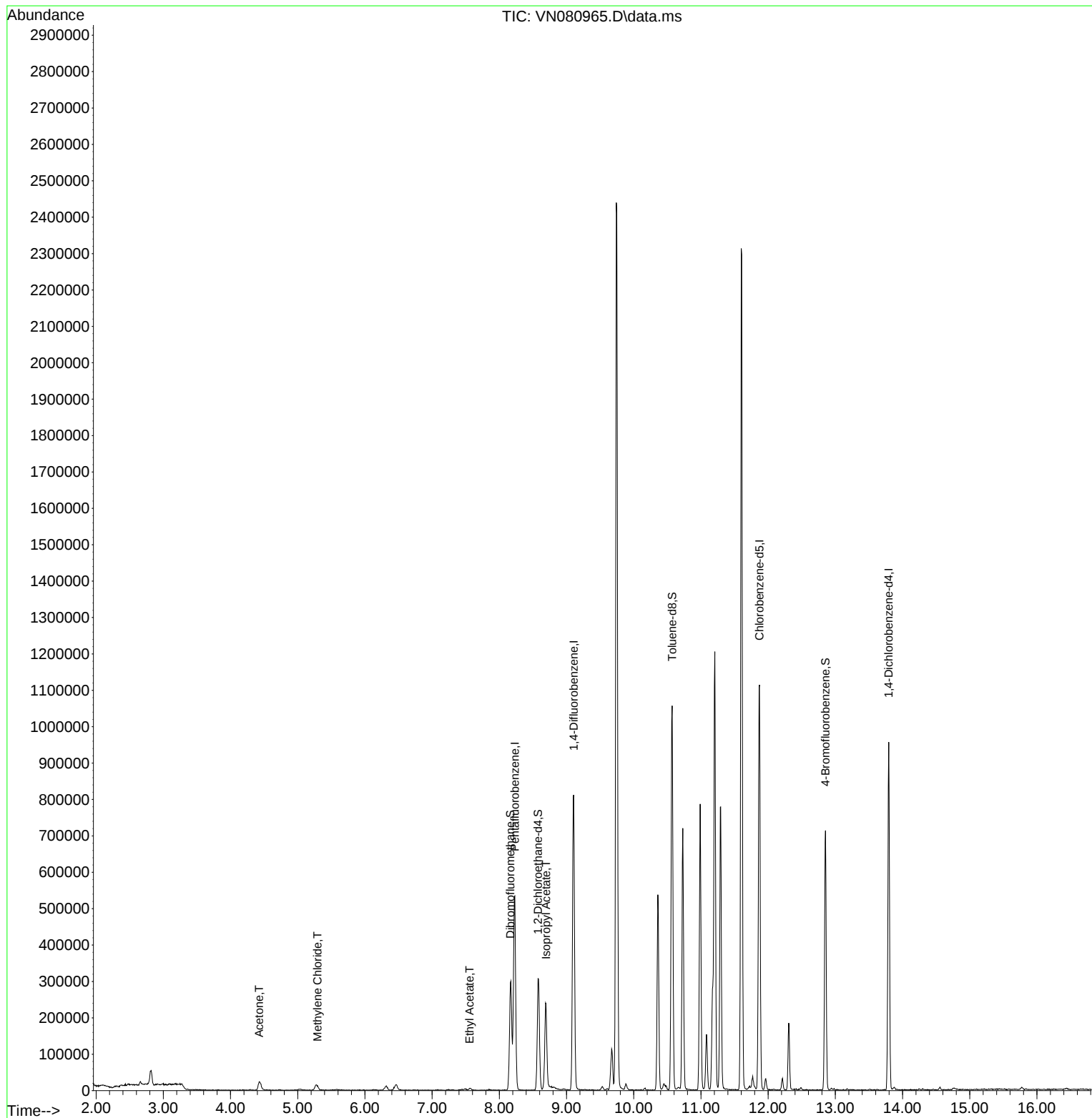
Internal Standards						
1) Pentafluorobenzene	8.230	168	380354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	714304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	667247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	252433	52.610	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.220%	
35) Dibromofluoromethane	8.165	113	211958	55.299	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.600%	
50) Toluene-d8	10.571	98	743311	53.614	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.220%	
62) 4-Bromofluorobenzene	12.853	95	245284	48.701	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.400%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	44889	28.436	ug/l	95
20) Methylene Chloride	5.295	84	11896	2.487	ug/l #	65
37) Ethyl Acetate	7.559	43	8183	1.897	ug/l	96
43) Isopropyl Acetate	8.695	43	273316	34.449	ug/l #	91

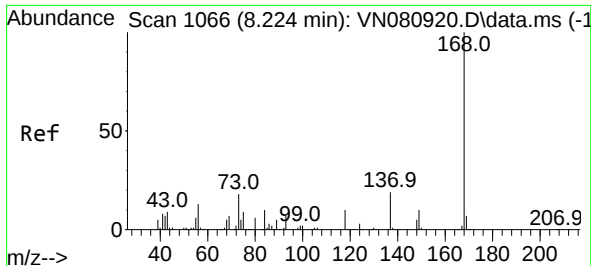
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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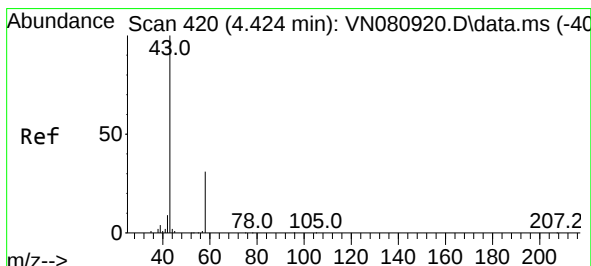
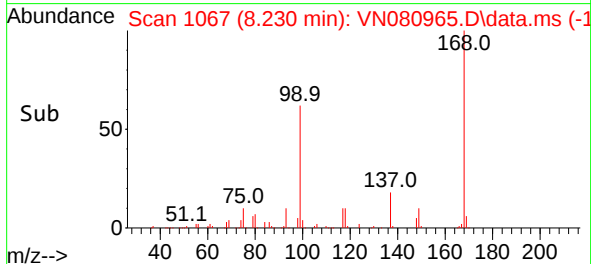
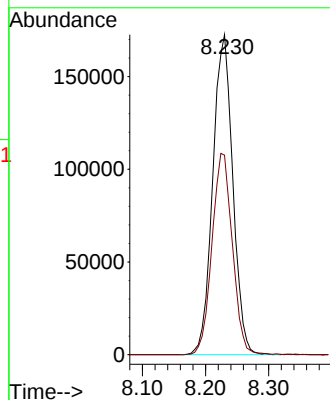
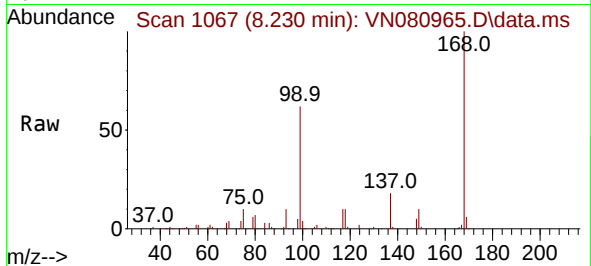




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080965.D
Acq: 08 Feb 2024 15:46

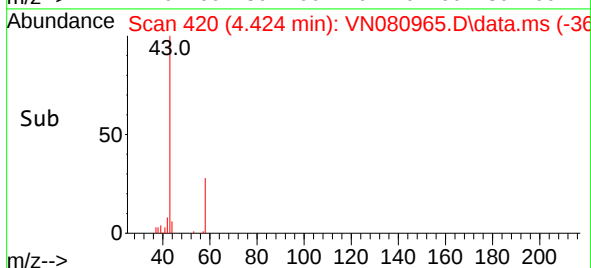
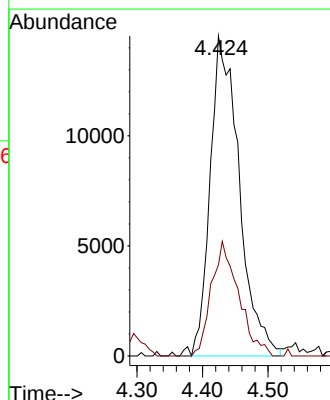
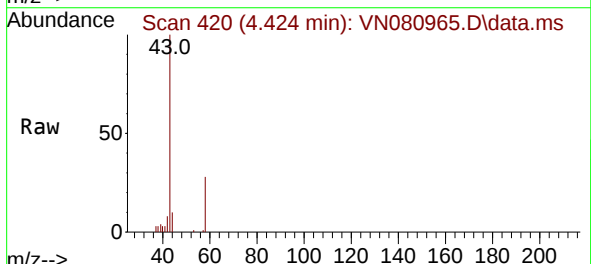
Instrument :
MSVOA_N
ClientSampleId :
WC-2

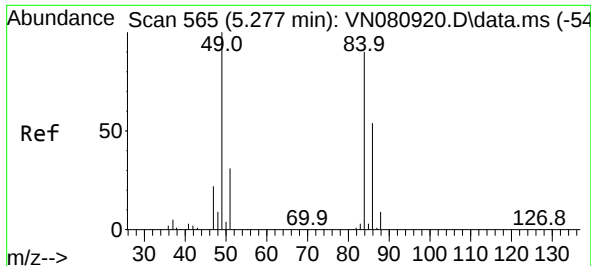
Tgt Ion:168 Resp: 380354
Ion Ratio Lower Upper
168 100
99 62.4 59.9 89.9



#16
Acetone
Concen: 28.436 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080965.D
Acq: 08 Feb 2024 15:46

Tgt Ion: 43 Resp: 44889
Ion Ratio Lower Upper
43 100
58 28.5 24.8 37.2

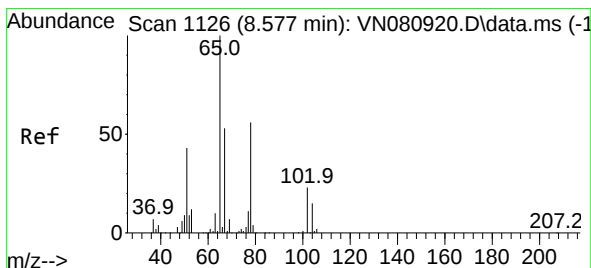
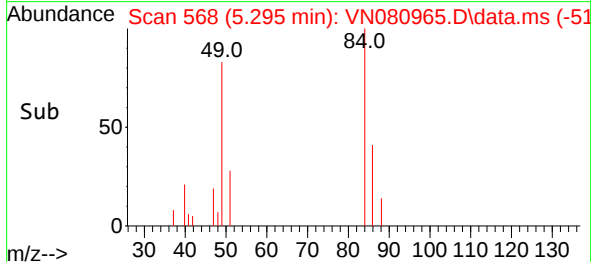
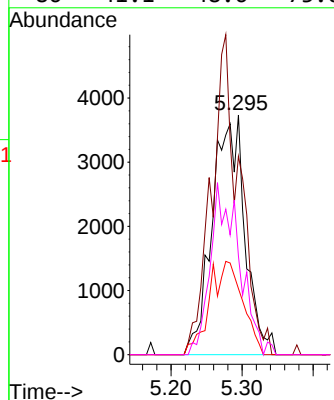
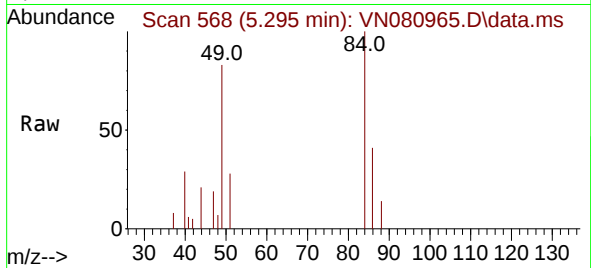




#20
Methylene Chloride
Concen: 2.487 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080965.D
Acq: 08 Feb 2024 15:46

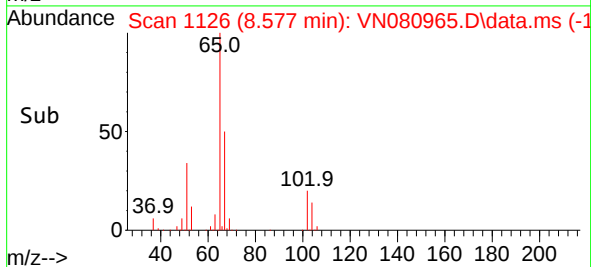
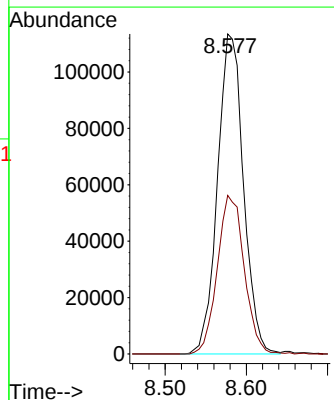
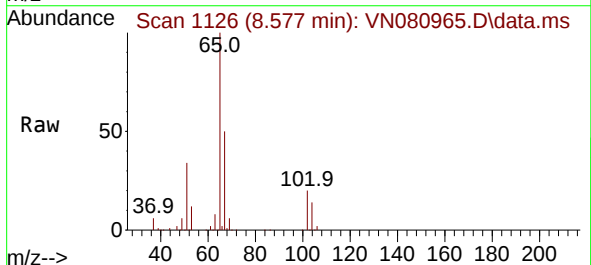
Instrument :
MSVOA_N
ClientSampleId :
WC-2

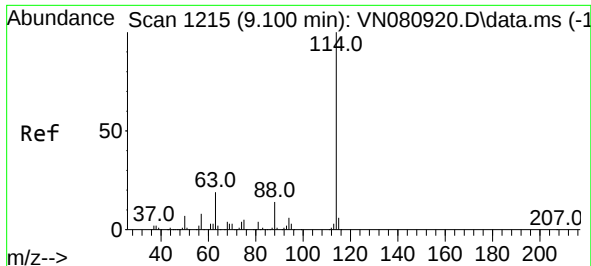
Tgt Ion: 84	Resp: 11896
Ion Ratio	Lower Upper
84 100	
49 82.7	108.1 162.1#
51 27.6	32.9 49.3#
86 41.1	48.6 73.0#



#33
1,2-Dichloroethane-d4
Concen: 52.610 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080965.D
Acq: 08 Feb 2024 15:46

Tgt Ion: 65	Resp: 252433
Ion Ratio	Lower Upper
65 100	
67 51.4	0.0 102.4

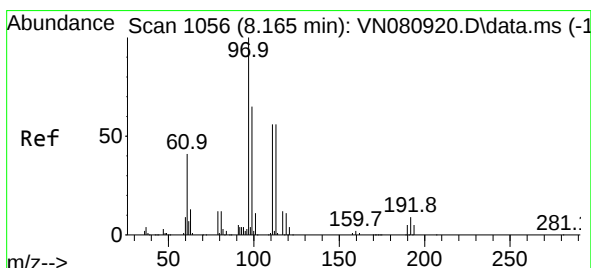
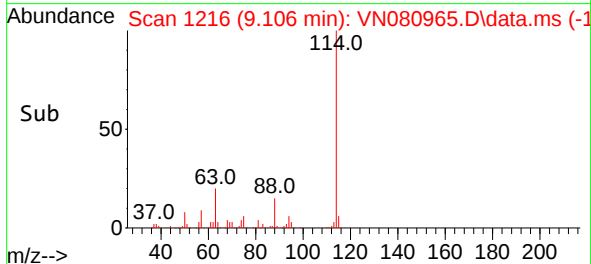
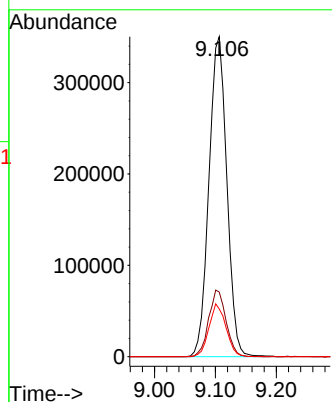
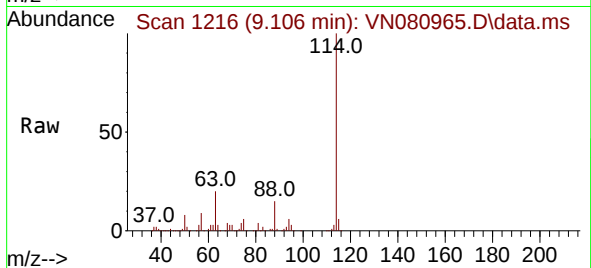




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080965.D
Acq: 08 Feb 2024 15:46

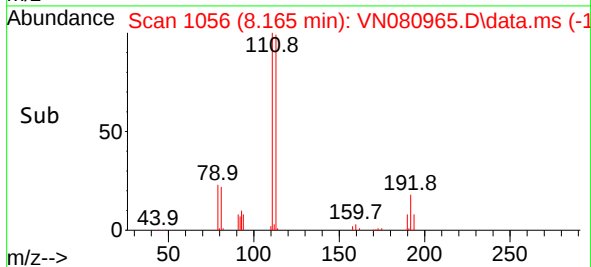
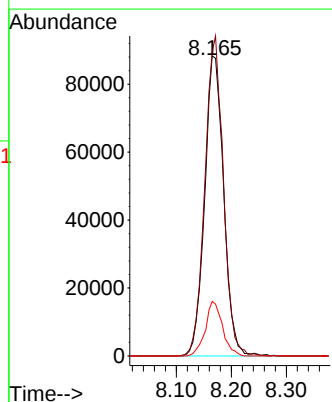
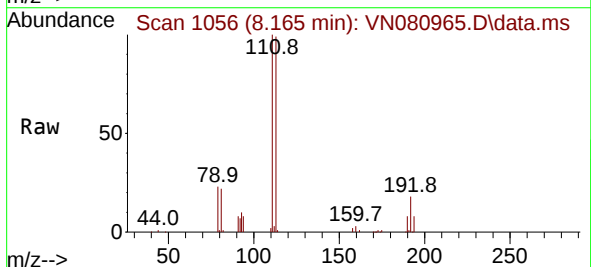
Instrument :
MSVOA_N
ClientSampleId :
WC-2

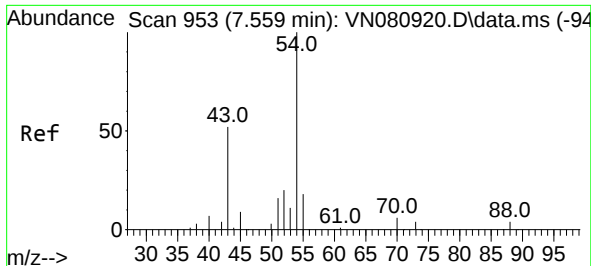
Tgt Ion:114 Resp: 714304
Ion Ratio Lower Upper
114 100
63 20.2 0.0 48.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 55.299 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080965.D
Acq: 08 Feb 2024 15:46

Tgt Ion:113 Resp: 211958
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 16.5 12.5 18.7

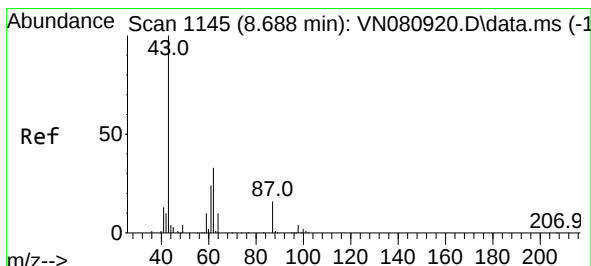
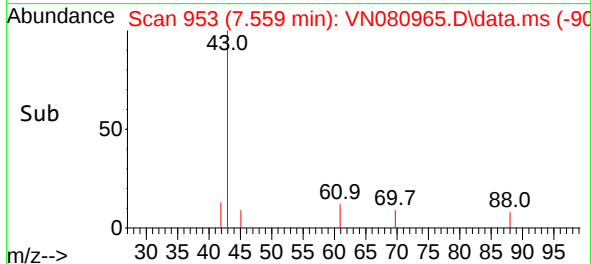
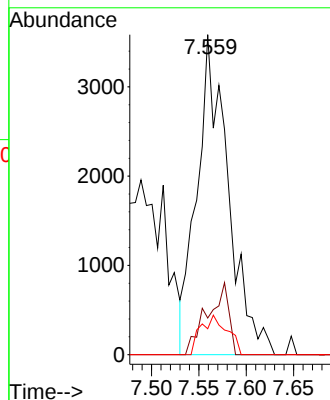
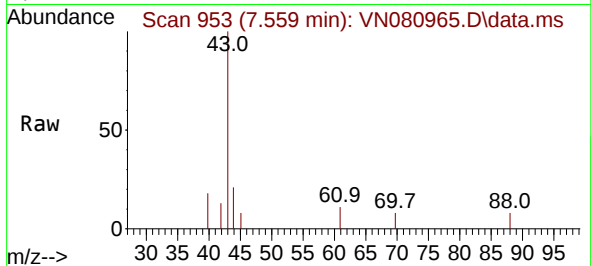




#37
Ethyl Acetate
Concen: 1.897 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080965.D
Acq: 08 Feb 2024 15:46

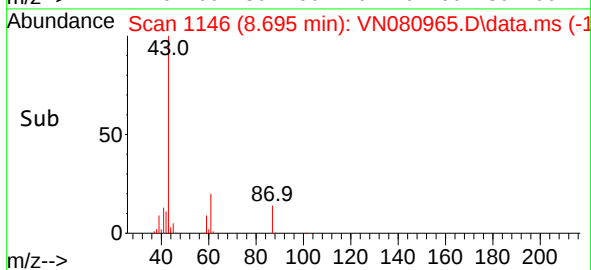
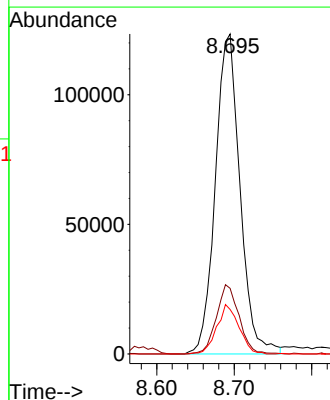
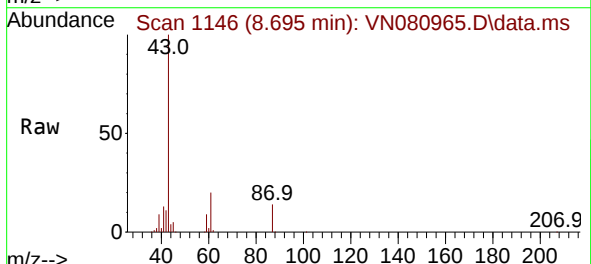
Instrument :
MSVOA_N
ClientSampleId :
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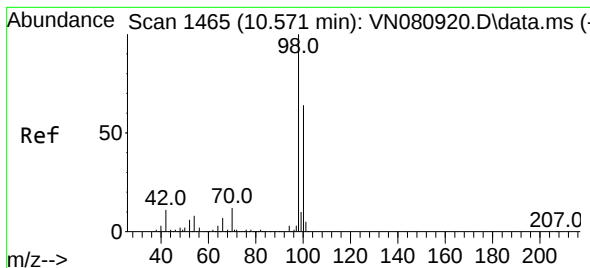
Tgt Ion:	43	Resp:	8183
Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.6	15.8
70	10.5	8.0	12.0



#43
Isopropyl Acetate
Concen: 34.449 ug/l
RT: 8.695 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080965.D
Acq: 08 Feb 2024 15:46

Tgt Ion:	43	Resp:	273316
Ion	Ratio	Lower	Upper
43	100		
61	19.8	19.9	29.9#
87	13.8	9.0	13.6#

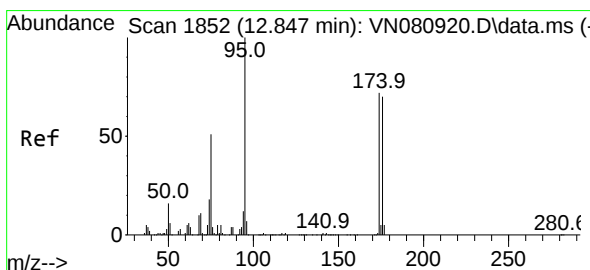
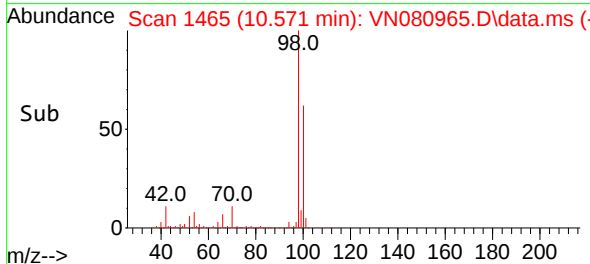
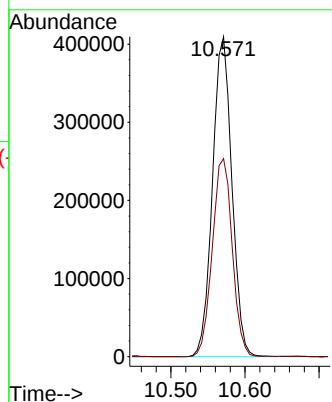
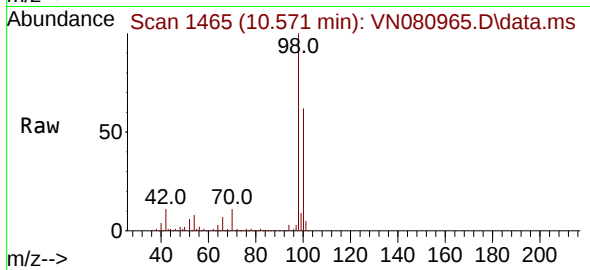




#50
Toluene-d8
Concen: 53.614 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080965.D
Acq: 08 Feb 2024 15:46

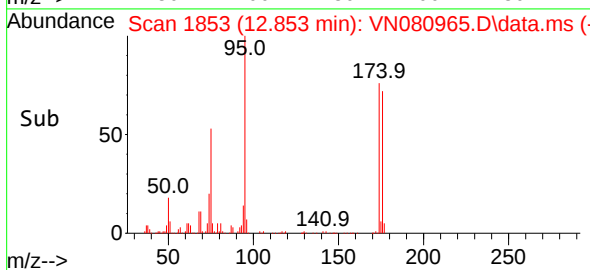
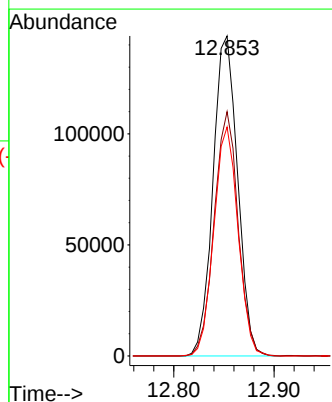
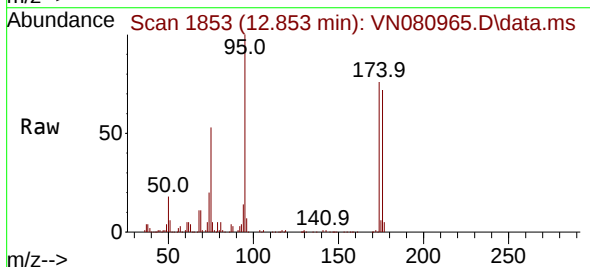
Instrument :
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ClientSampleId :
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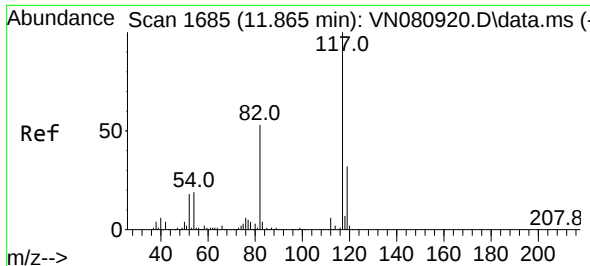
Tgt Ion: 98 Resp: 743311
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.701 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080965.D
Acq: 08 Feb 2024 15:46

Tgt Ion: 95 Resp: 245284
Ion Ratio Lower Upper
95 100
174 74.7 0.0 120.4
176 70.4 0.0 121.0

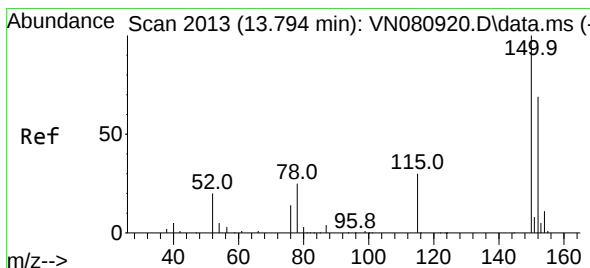
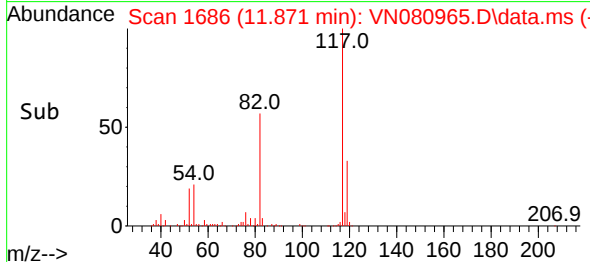
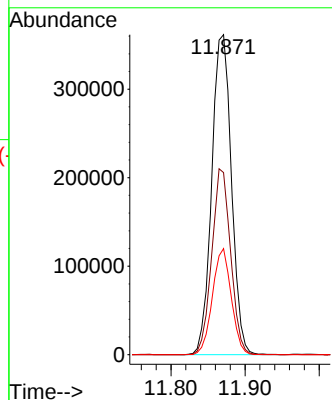
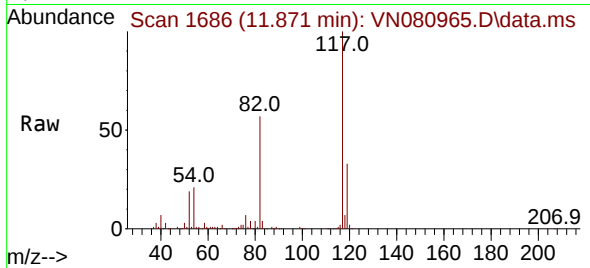




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080965.D
Acq: 08 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
WC-2

Tgt Ion:117 Resp: 667247
Ion Ratio Lower Upper
117 100
82 56.9 52.7 79.1
119 33.1 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: VN080965.D
Acq: 08 Feb 2024 15:46

Tgt Ion:152 Resp: 243392
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 159.4 0.0 339.8

