

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081688.D
 Acq On : 10 Apr 2024 18:05
 Operator : JC\MD
 Sample : VN0410WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 11 09:27:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

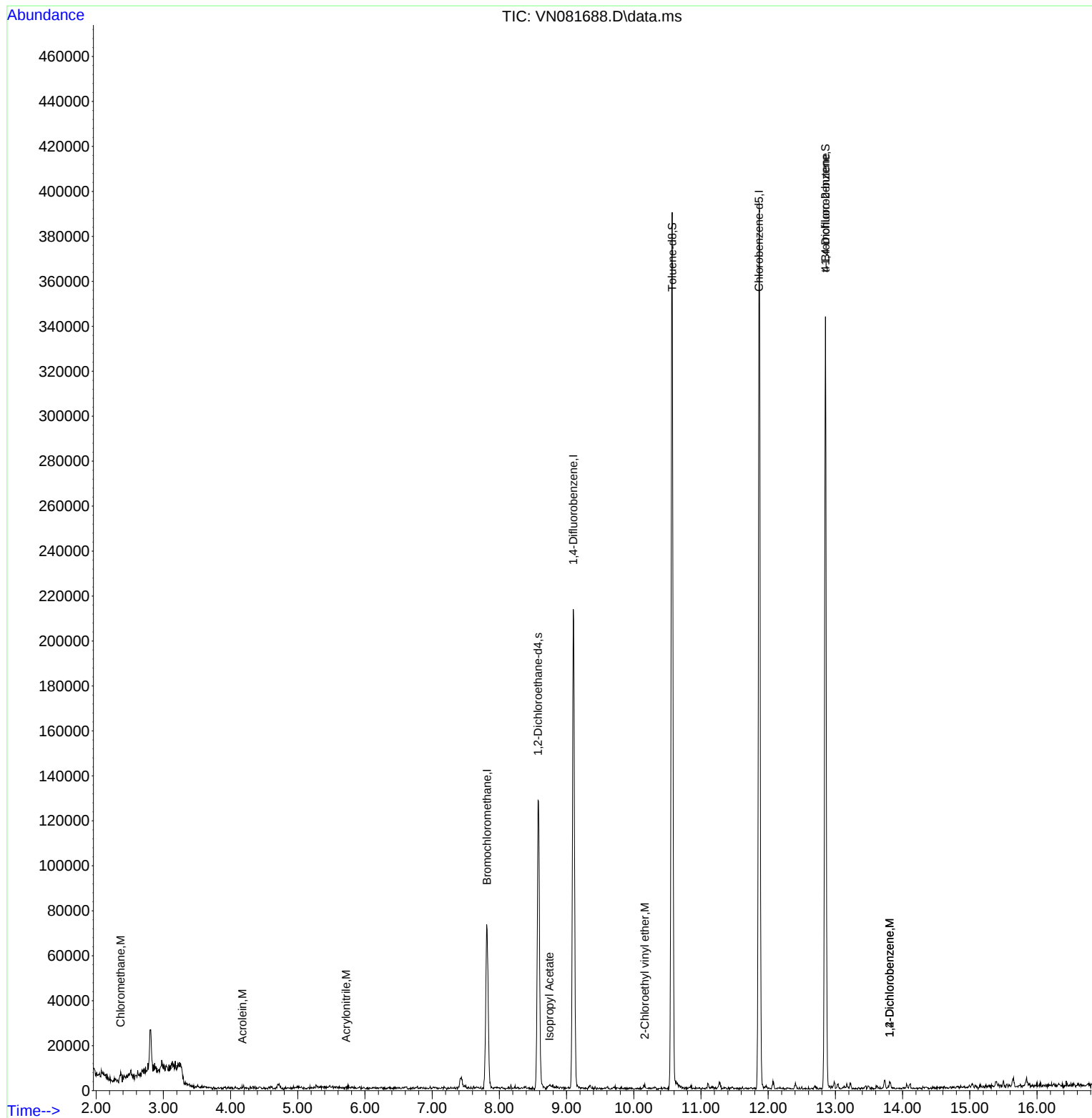
Internal Standards						
1) Bromochloromethane	7.818	128	27025	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	187570	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	228931	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	104489	31.473	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.900%
60) 4-Bromofluorobenzene	12.853	95	115113	25.576	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.267%
63) Toluene-d8	10.570	98	272198	29.642	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.800%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	660	0.201	ug/l #	86
13) Acrolein	4.177	56	217	0.516	ug/l #	50
14) Acrylonitrile	5.718	53	402	0.253	ug/l #	29
44) Isopropyl Acetate	8.747	43	1466	0.211	ug/l #	1
55) 2-Chloroethyl vinyl ether	10.165	63	592	0.219	ug/l #	43
77) t-1,4-Dichloro-2-butene	12.853	75	59190	34.402	ug/l #	12
84) 1,4-Dichlorobenzene	13.806	146	1555	0.202	ug/l	88
87) 1,2-Dichlorobenzene	13.806	146	1555	0.205	ug/l	85

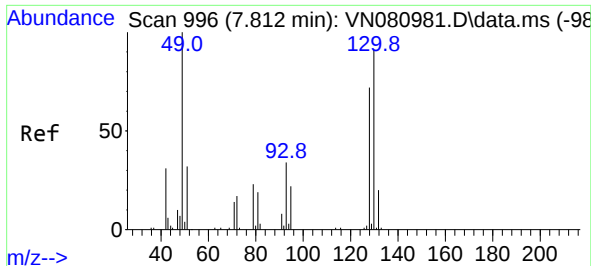
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
Data File : VN081688.D
Acq On : 10 Apr 2024 18:05
Operator : JC\MD
Sample : VN0410WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

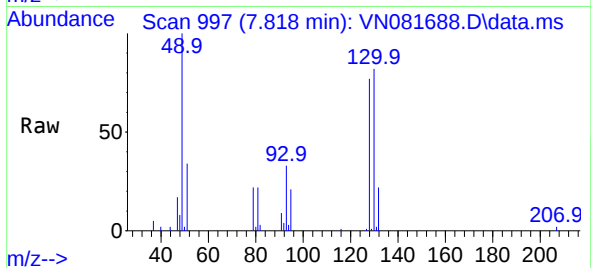
Quant Time: Apr 11 09:27:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration



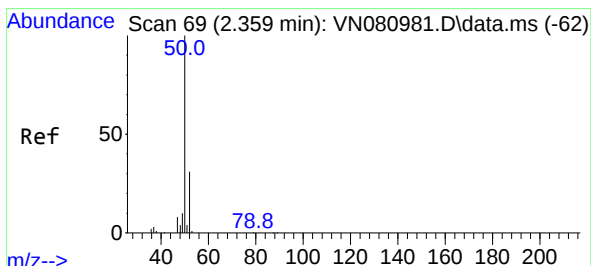
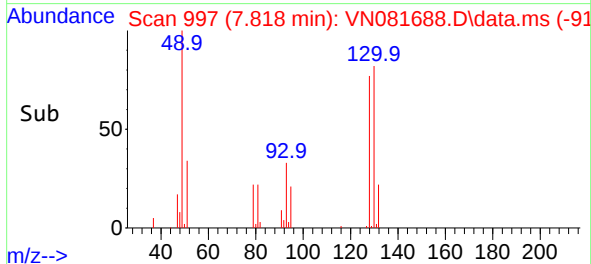
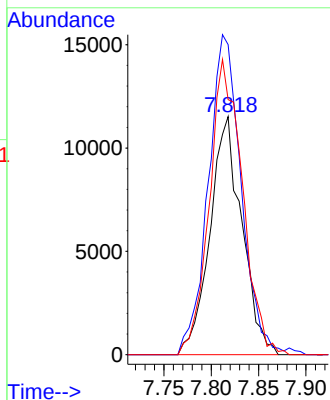


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :

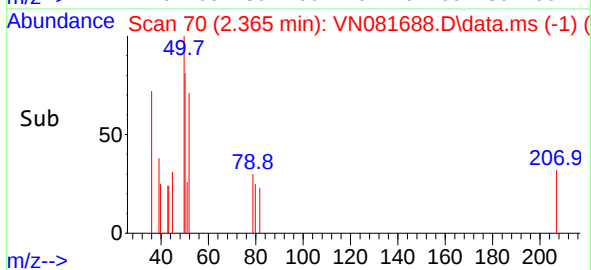
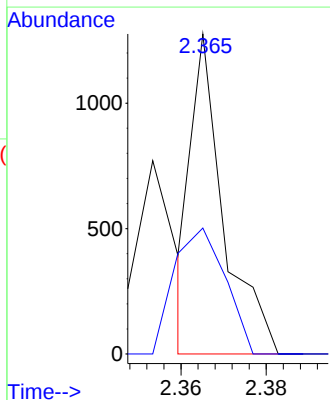
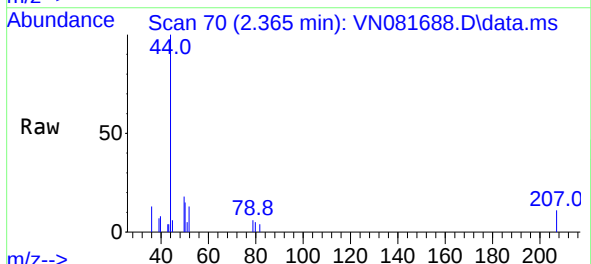


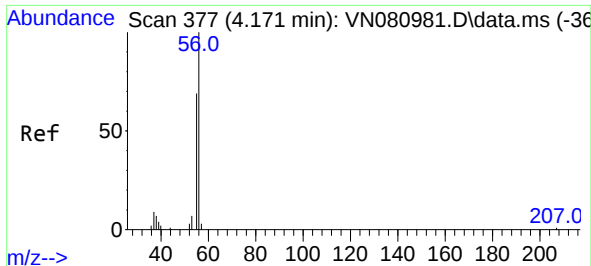
Tgt Ion:128 Resp: 27025
Ion Ratio Lower Upper
128 100
49 138.4 0.0 403.7
130 128.3 0.0 323.3



#3
Chloromethane
Concen: 0.201 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

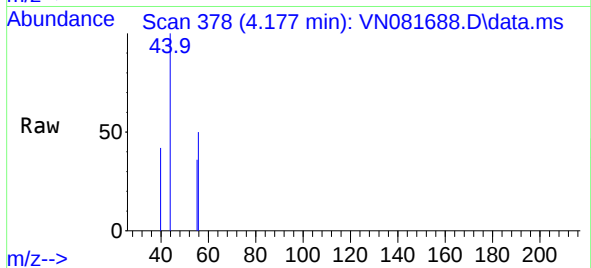
Tgt Ion: 50 Resp: 660
Ion Ratio Lower Upper
50 100
52 39.3 25.4 38.0#



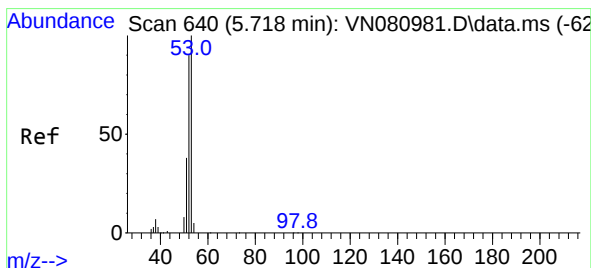
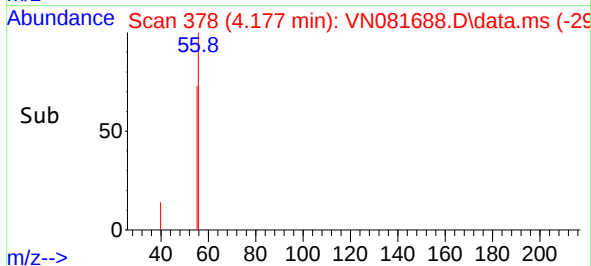
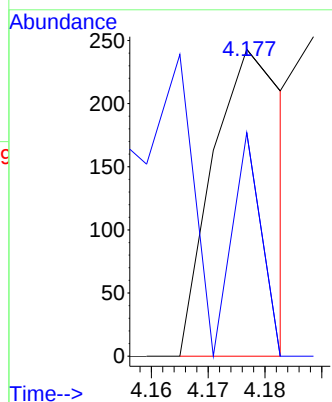


#13
Acrolein
Concen: 0.516 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :

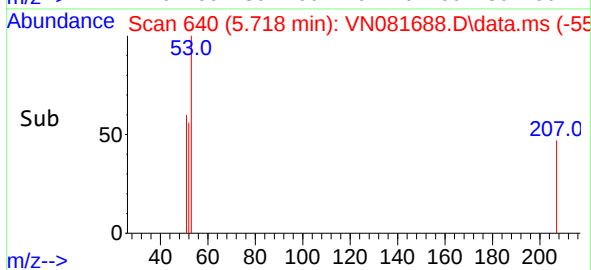
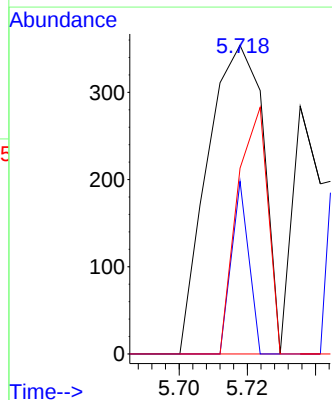
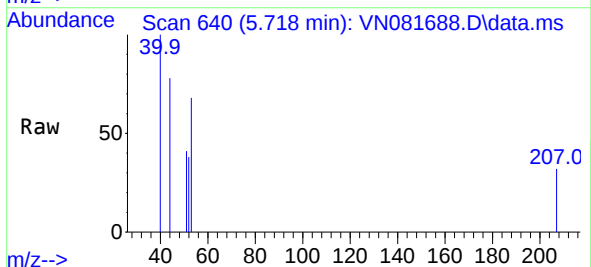


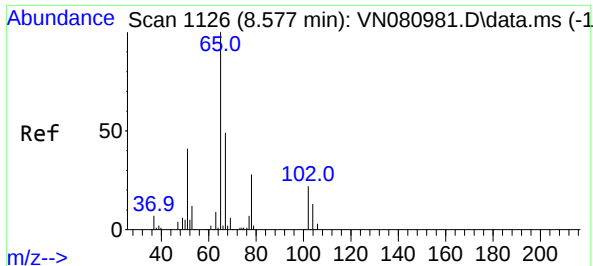
Tgt Ion: 56 Resp: 217
Ion Ratio Lower Upper
56 100
55 28.6 55.5 83.3#



#14
Acrylonitrile
Concen: 0.253 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

Tgt Ion: 53 Resp: 402
Ion Ratio Lower Upper
53 100
52 0.0 41.3 123.9#
51 43.5 16.8 50.3

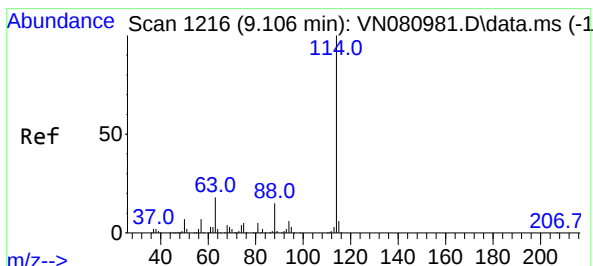
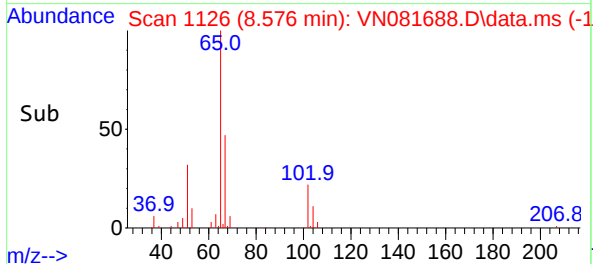
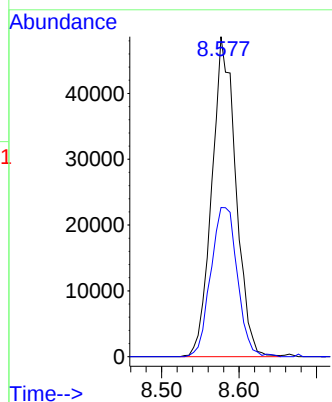
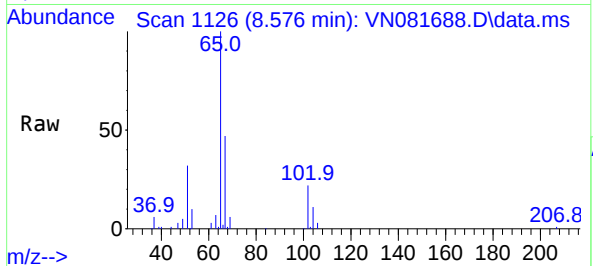




#27
1,2-Dichloroethane-d4
Concen: 31.473 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

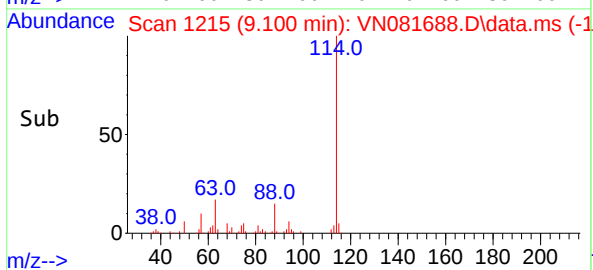
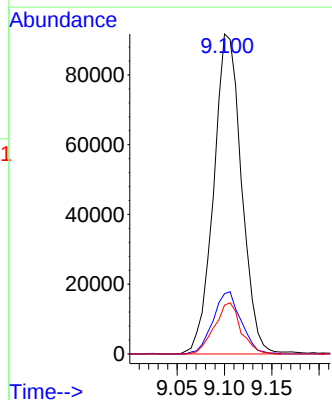
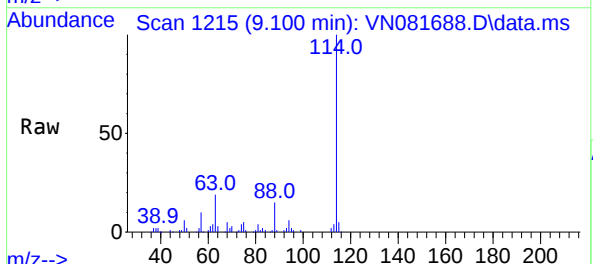
Instrument :
MSVOA_N
ClientSampleId :

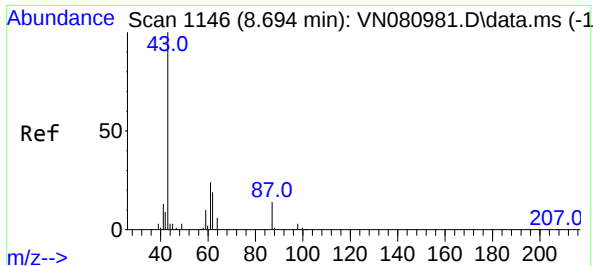
Tgt Ion: 65 Resp: 104489
Ion Ratio Lower Upper
65 100
67 51.3 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

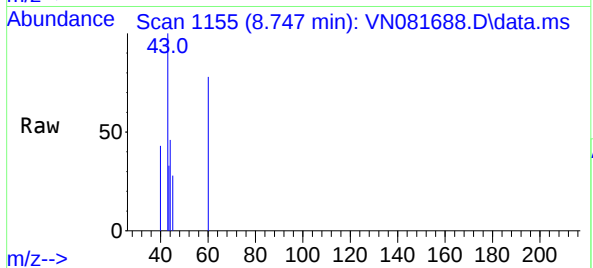
Tgt Ion: 114 Resp: 187570
Ion Ratio Lower Upper
114 100
63 19.5 15.9 23.9
88 15.1 12.7 19.1



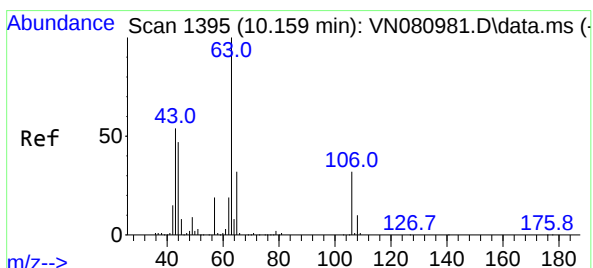
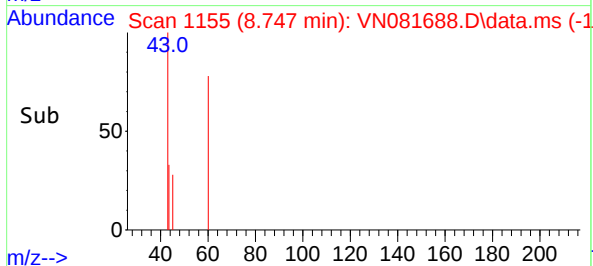
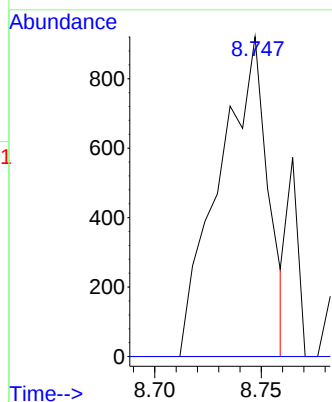


#44
Isopropyl Acetate
Concen: 0.211 ug/l
RT: 8.747 min Scan# 1146
Delta R.T. 0.059 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :

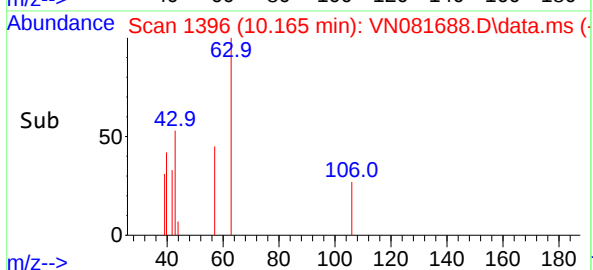
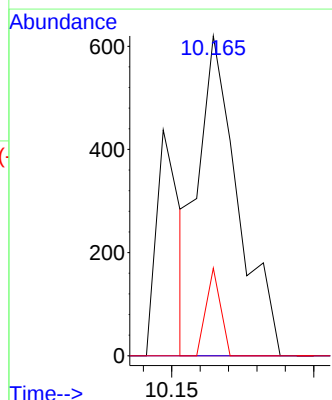
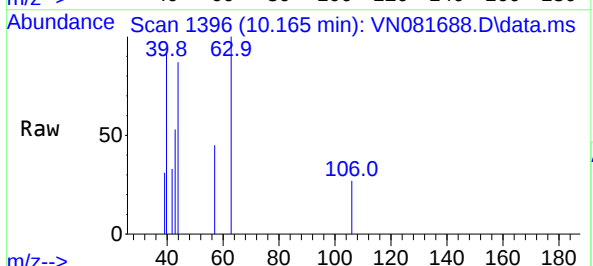


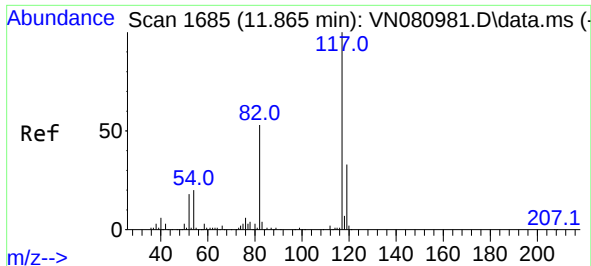
Tgt Ion: 43 Resp: 1466
Ion Ratio Lower Upper
43 100
61 170.1 25.0 37.4#



#55
2-Chloroethyl vinyl ether
Concen: 0.219 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

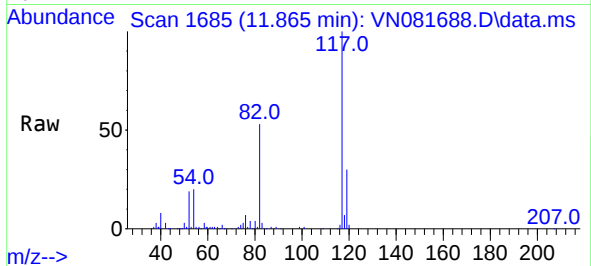
Tgt Ion: 63 Resp: 592
Ion Ratio Lower Upper
63 100
65 0.0 26.2 39.2#
106 0.0 23.8 35.8#



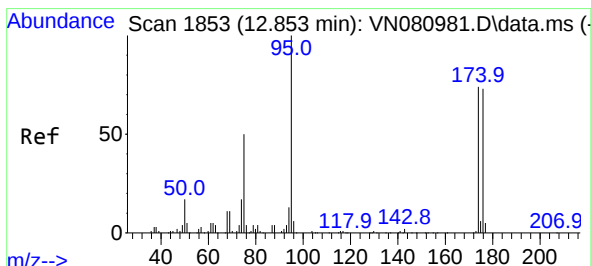
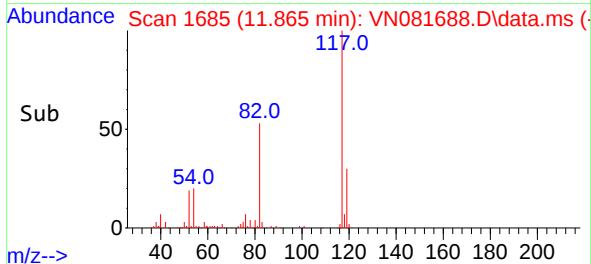
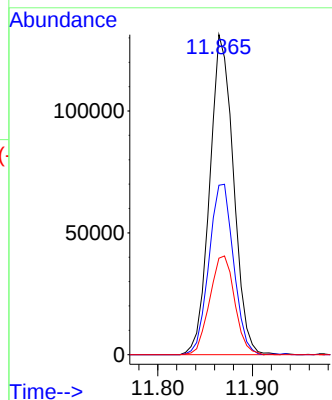


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :

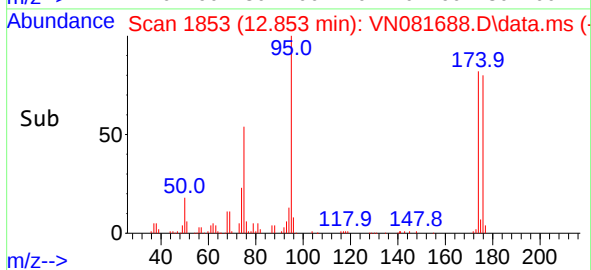
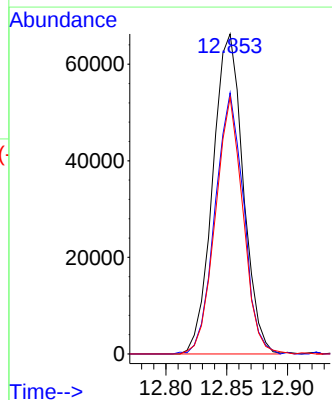
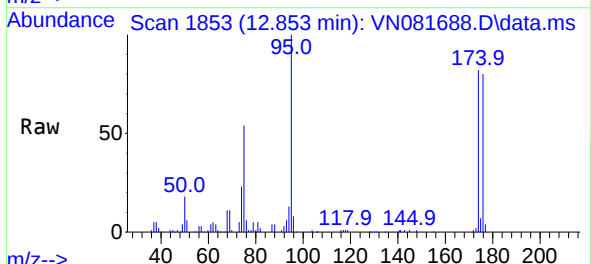


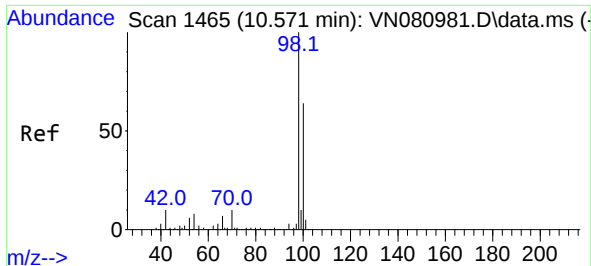
Tgt Ion:117 Resp: 228931
Ion Ratio Lower Upper
117 100
82 55.3 46.6 69.8
119 32.5 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 25.576 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

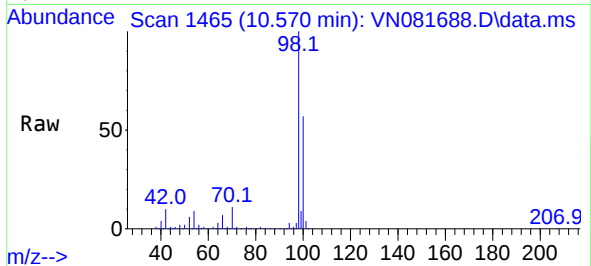
Tgt Ion: 95 Resp: 115113
Ion Ratio Lower Upper
95 100
174 76.3 60.5 90.7
176 72.9 57.8 86.6



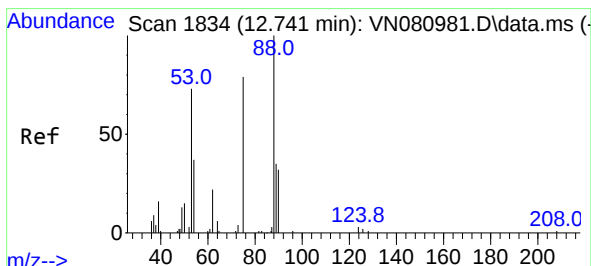
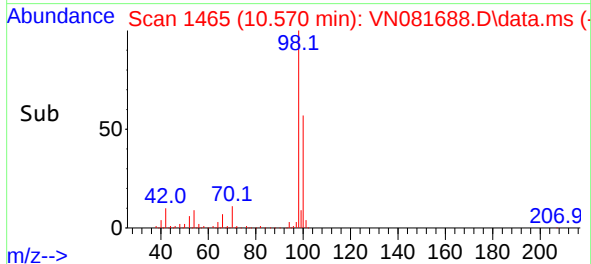
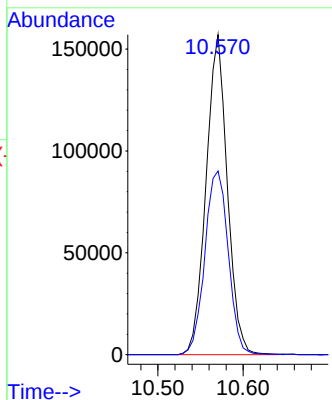


#63
Toluene-d8
Concen: 29.642 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :

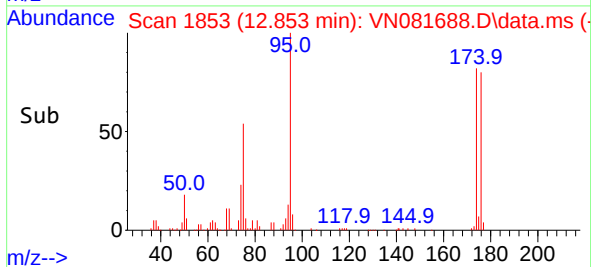
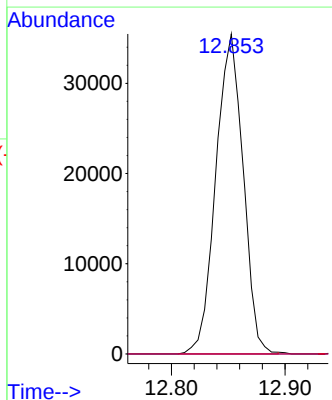
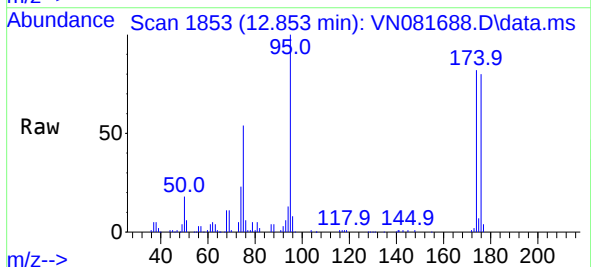


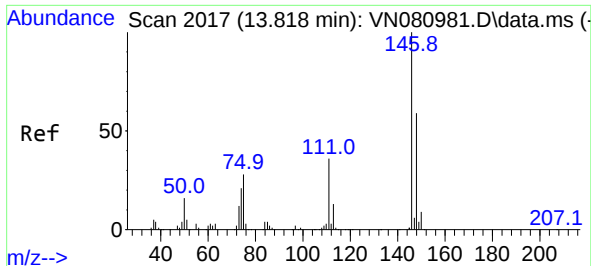
Tgt Ion: 98 Resp: 272198
Ion Ratio Lower Upper
98 100
100 63.2 52.7 79.1



#77
t-1,4-Dichloro-2-butene
Concen: 34.402 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

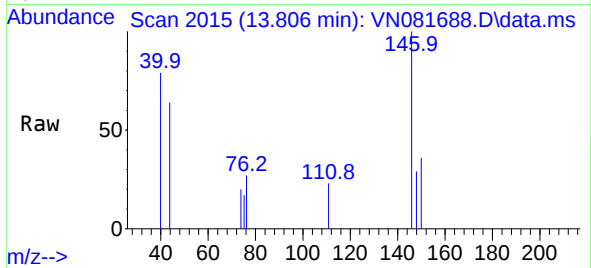
Tgt Ion: 75 Resp: 59190
Ion Ratio Lower Upper
75 100
53 0.0 45.9 137.7#
89 0.0 25.9 77.7#



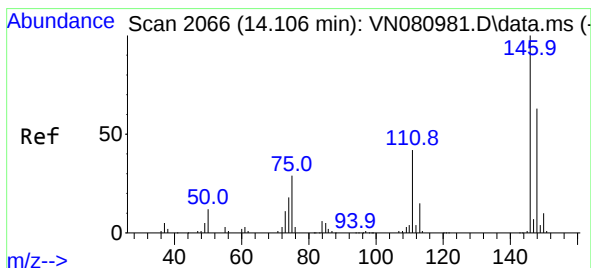
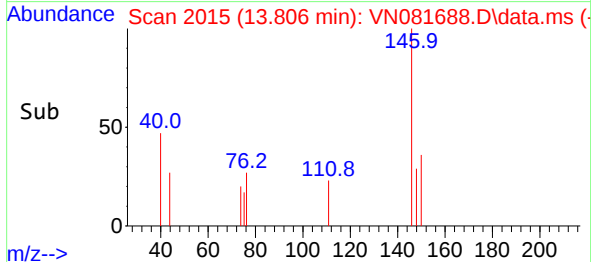
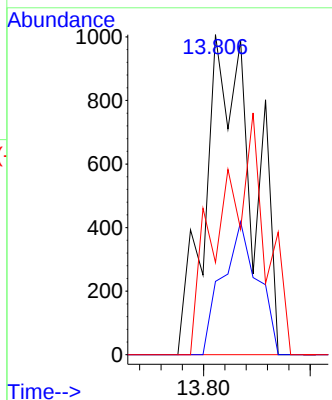


#84
1,4-Dichlorobenzene
Concen: 0.202 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:146 Resp: 1555
Ion Ratio Lower Upper
146 100
111 31.0 21.3 63.9
148 70.4 31.9 95.5



#87
1,2-Dichlorobenzene
Concen: 0.205 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.300 min
Lab File: VN081688.D
Acq: 10 Apr 2024 18:05

Tgt Ion:146 Resp: 1555
Ion Ratio Lower Upper
146 100
111 31.0 22.6 67.8
148 70.4 31.3 93.8

