

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081807.D
 Acq On : 19 Apr 2024 14:28
 Operator : JC\MD
 Sample : P2191-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 23:37:13 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)

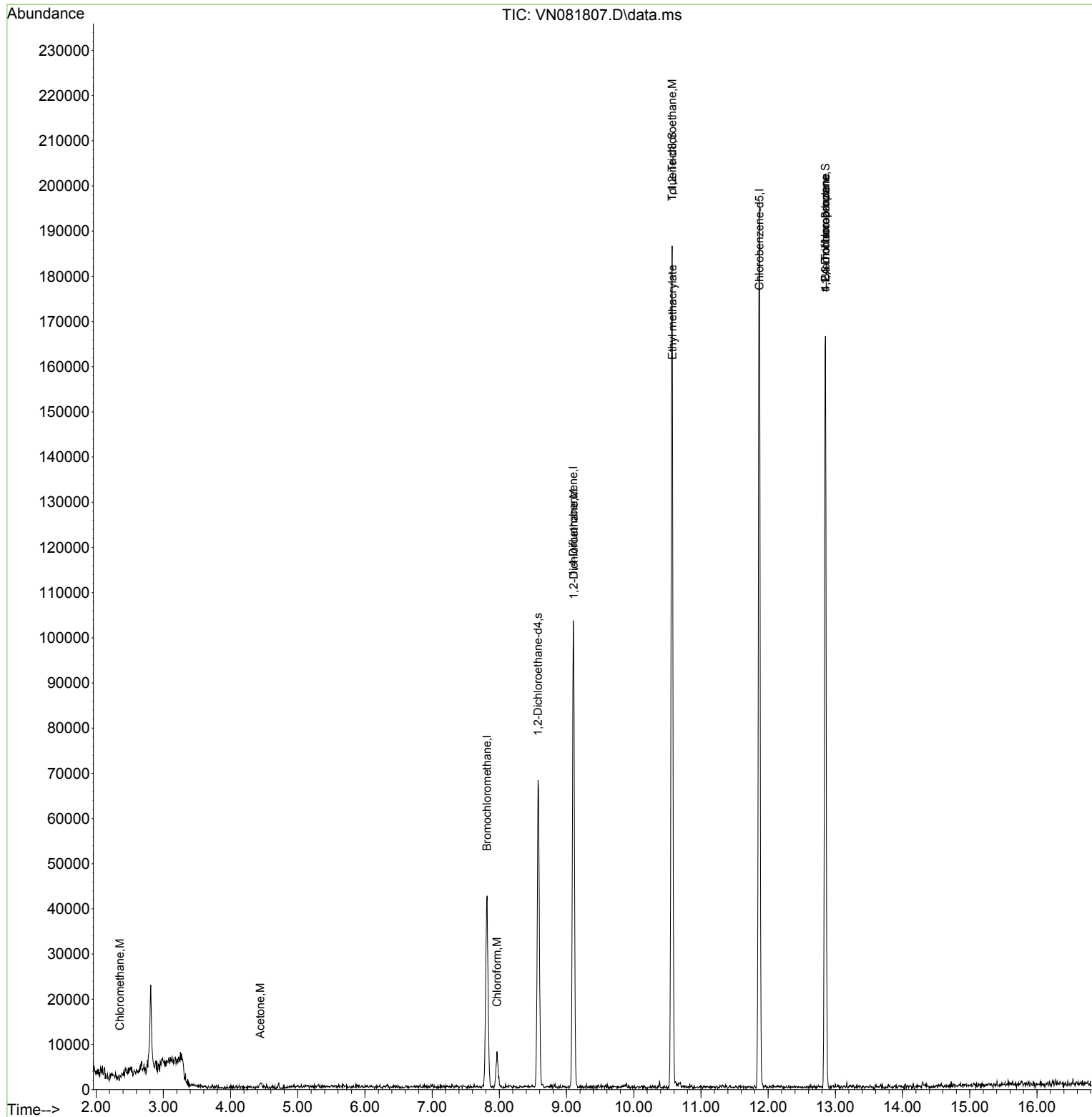
Internal Standards						
1) Bromochloromethane	7.818	128	14774	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	87904	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	113692	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	54720	30.149	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.500%
60) 4-Bromofluorobenzene	12.853	95	55746	24.940	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.133%
63) Toluene-d8	10.571	98	128469	28.170	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	455	0.254	ug/l #	43
15) Acetone	4.442	58	452	2.363	ug/l #	1
25) Chloroform	7.965	83	7114	1.712	ug/l #	79
36) 1,2-Dichloroethane	9.106	62	3217	1.317	ug/l #	72
50) 1,1,2-Trichloroethane	10.571	97	4095	2.211	ug/l #	1
51) Ethyl methacrylate	10.576	69	581	0.225	ug/l #	65
72) 1,2,3-Trichloropropane	12.853	75	31840	15.432	ug/l	1
77) t-1,4-Dichloro-2-butene	12.853	75	31840	37.264	ug/l #	12

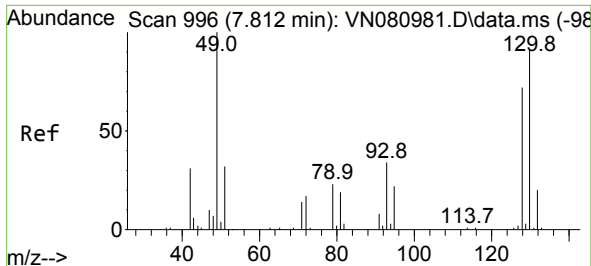
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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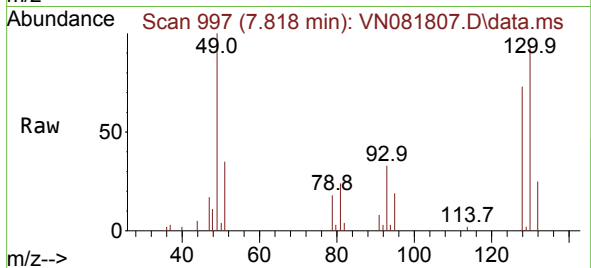
Quant Time: Apr 19 23:37:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration



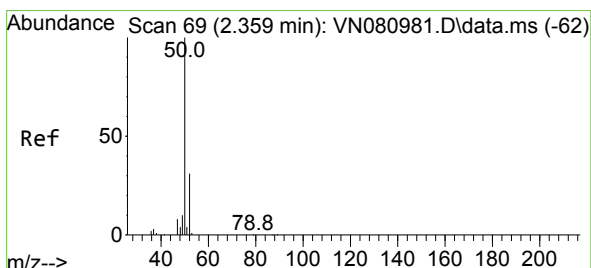
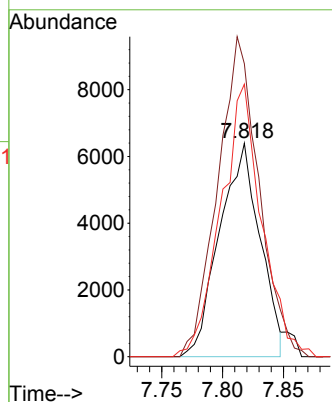
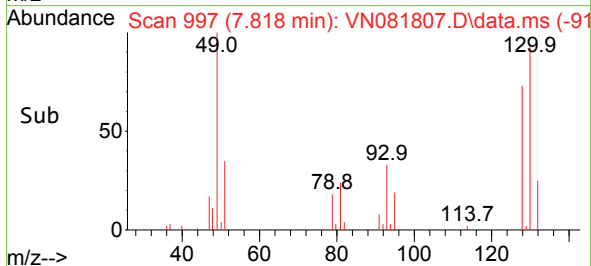


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

Instrument :
MSVOA_N
ClientSampleId :

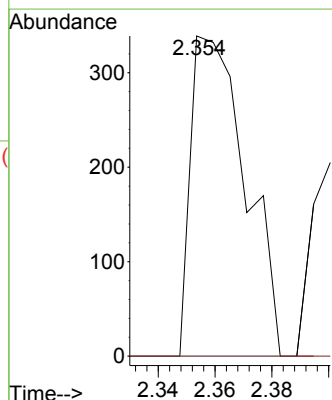
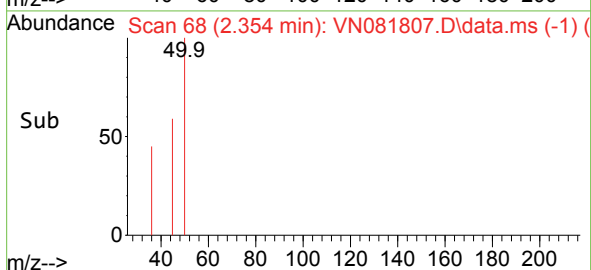
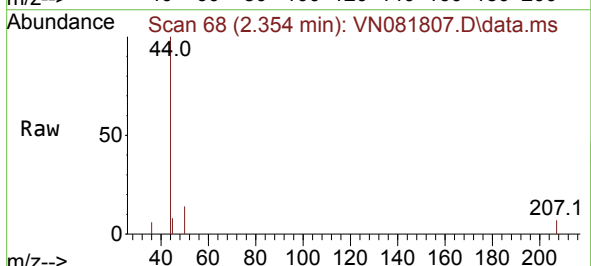


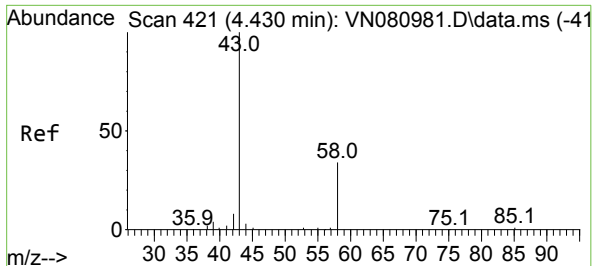
Tgt Ion:128 Resp: 14774
Ion Ratio Lower Upper
128 100
49 152.8 0.0 403.7
130 128.7 0.0 323.3



#3
Chloromethane
Concen: 0.254 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.012 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

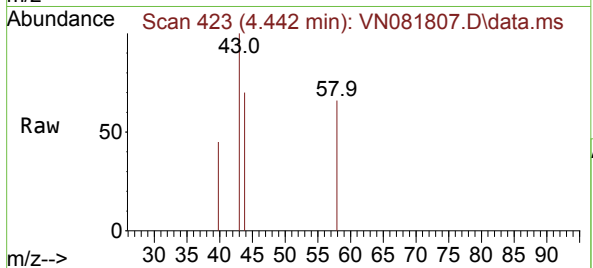
Tgt Ion: 50 Resp: 455
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#



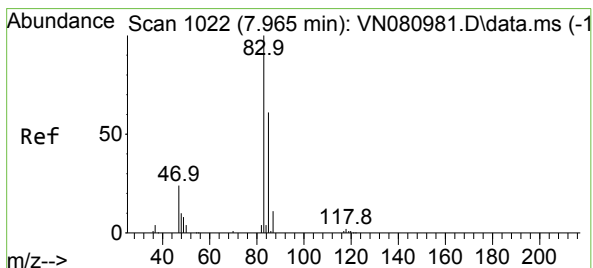
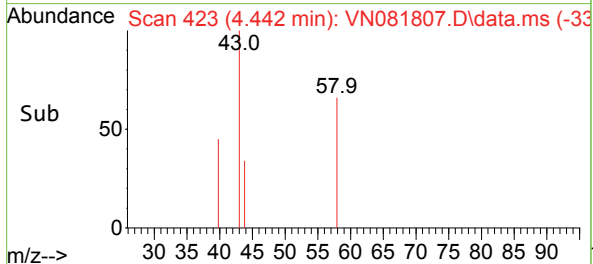
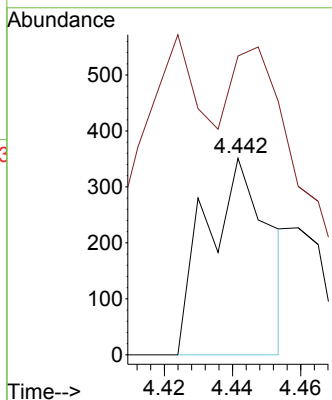


#15
Acetone
Concen: 2.363 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

Instrument :
MSVOA_N
ClientSampleId :

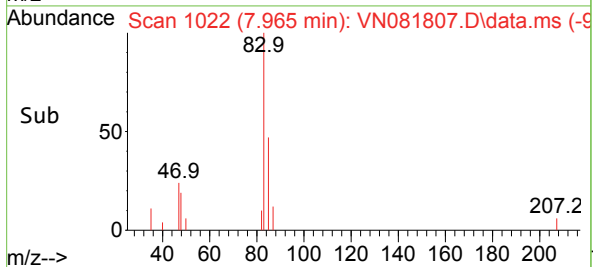
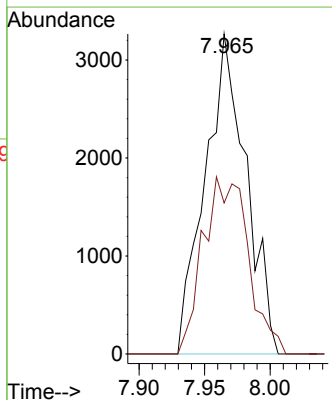
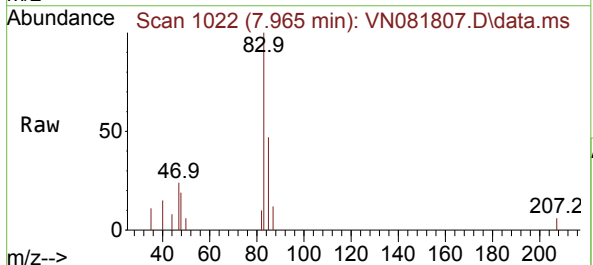


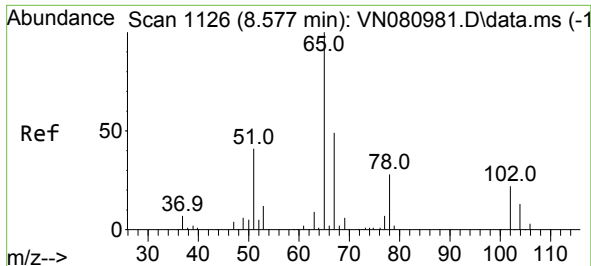
Tgt Ion: 58 Resp: 452
Ion Ratio Lower Upper
58 100
43 23.1 223.1 334.7#



#25
Chloroform
Concen: 1.712 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

Tgt Ion: 83 Resp: 7114
Ion Ratio Lower Upper
83 100
85 47.2 50.9 76.3#





#27

1,2-Dichloroethane-d4

Concen: 30.149 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN081807.D

Acq: 19 Apr 2024 14:28

Instrument :

MSVOA_N

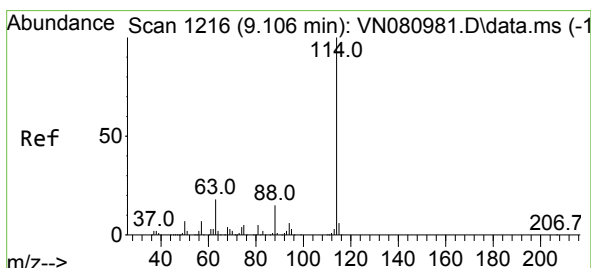
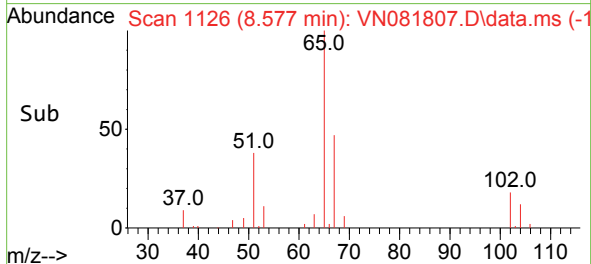
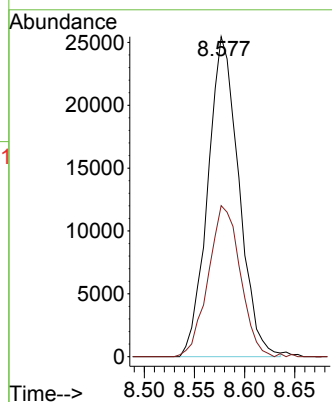
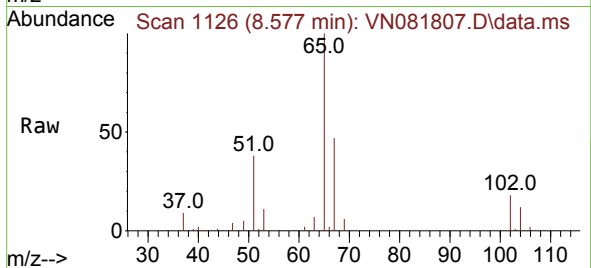
ClientSampleId :

Tgt Ion: 65 Resp: 54720

Ion Ratio Lower Upper

65 100

67 48.7 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: VN081807.D

Acq: 19 Apr 2024 14:28

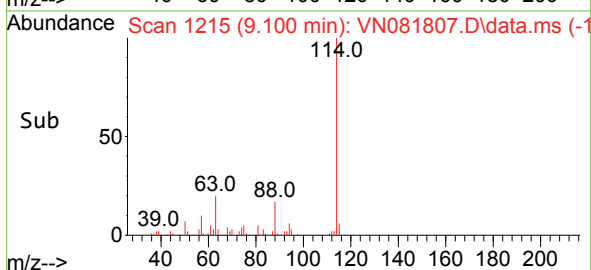
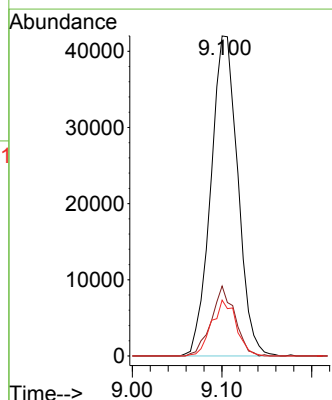
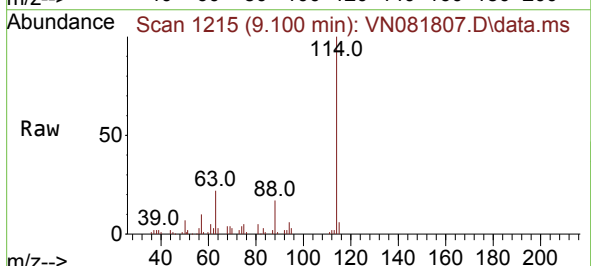
Tgt Ion: 114 Resp: 87904

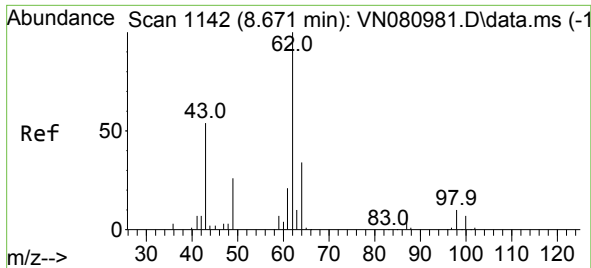
Ion Ratio Lower Upper

114 100

63 19.0 15.9 23.9

88 15.9 12.7 19.1

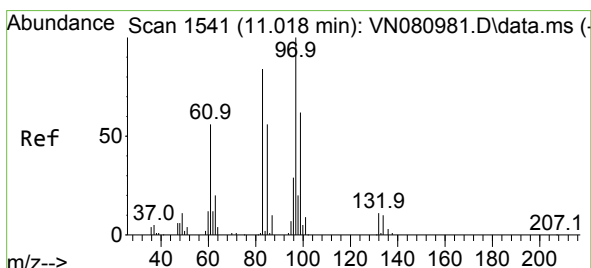
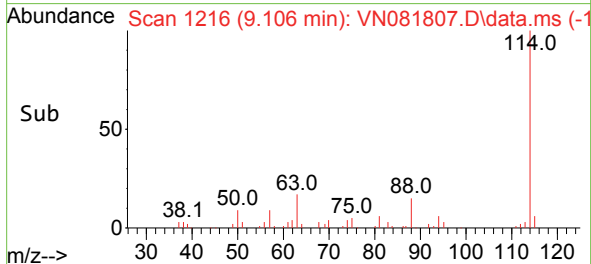
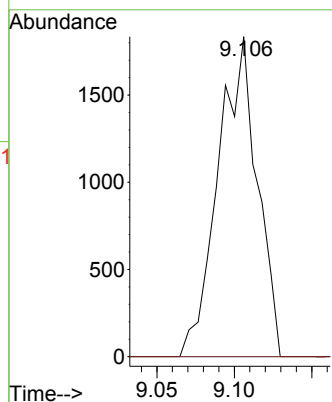
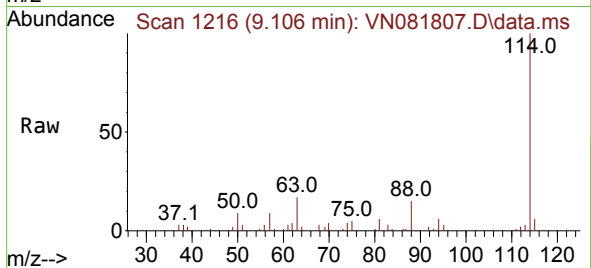




#36
1,2-Dichloroethane
Concen: 1.317 ug/l
RT: 9.106 min Scan# 1142
Delta R.T. 0.435 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

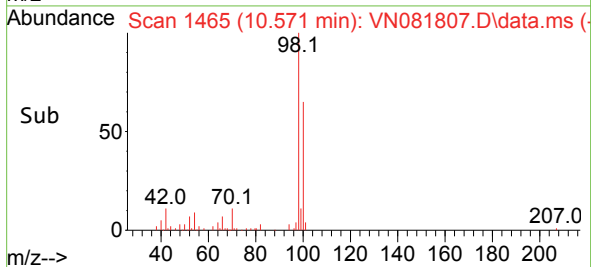
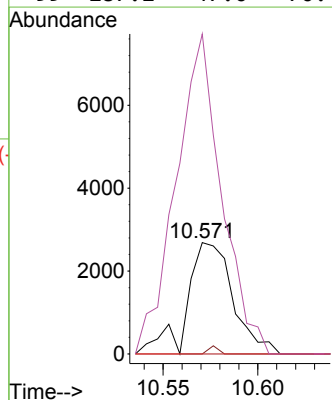
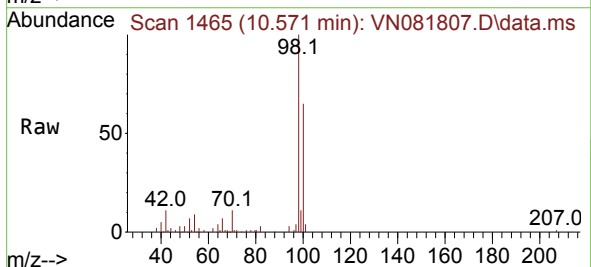
Instrument :
MSVOA_N
ClientSampleId :

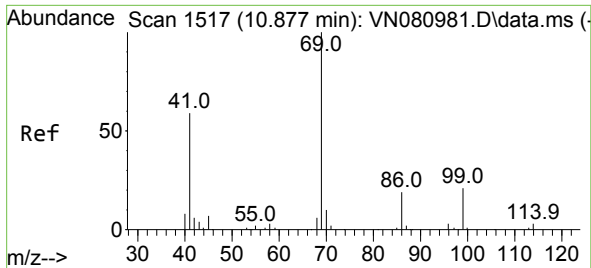
Tgt Ion: 62 Resp: 3217
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#50
1,1,2-Trichloroethane
Concen: 2.211 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.447 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

Tgt Ion: 97 Resp: 4095
Ion Ratio Lower Upper
97 100
83 0.0 68.1 102.1#
85 0.0 41.8 62.6#
99 287.2 47.0 70.4#

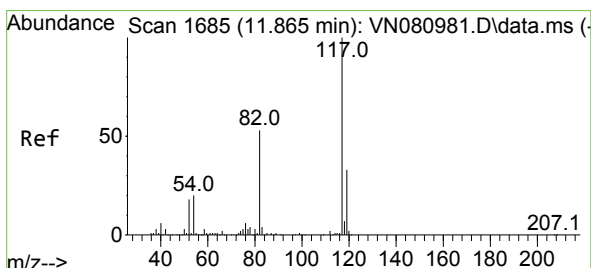
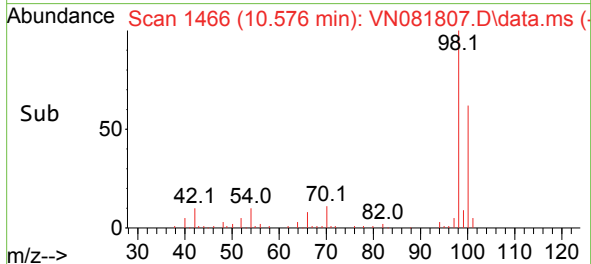
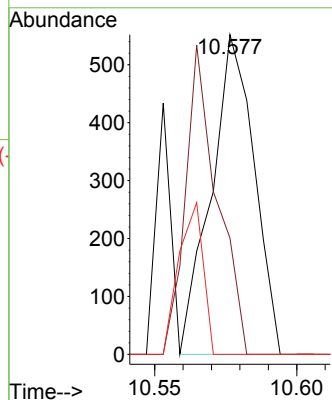
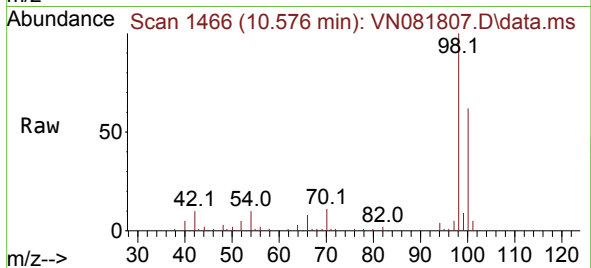




#51
Ethyl methacrylate
Concen: 0.225 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. -0.300 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

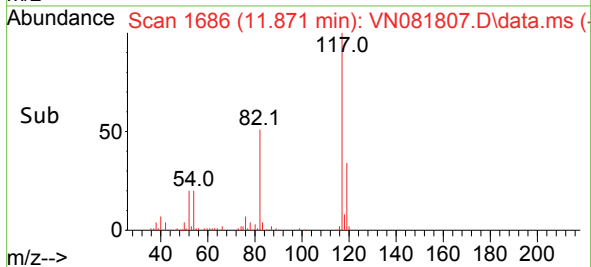
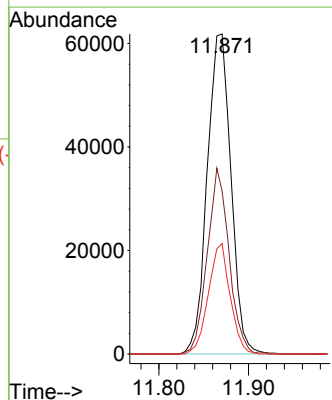
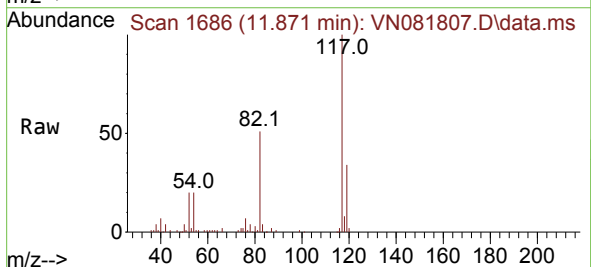
Instrument :
MSVOA_N
ClientSampleId :

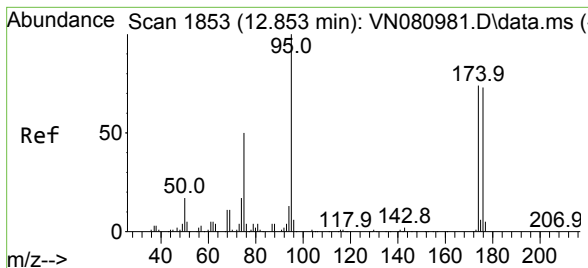
Tgt Ion: 69 Resp: 581
Ion Ratio Lower Upper
69 100
41 36.4 25.5 76.5
39 0.0 16.0 47.9#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

Tgt Ion: 117 Resp: 113692
Ion Ratio Lower Upper
117 100
82 53.1 46.6 69.8
119 31.6 25.4 38.2

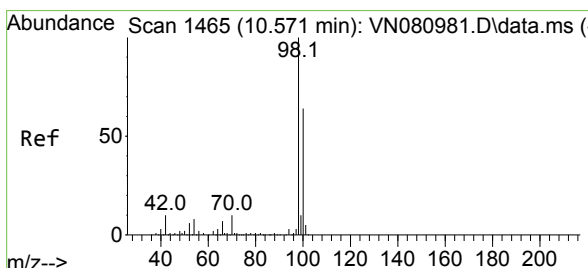
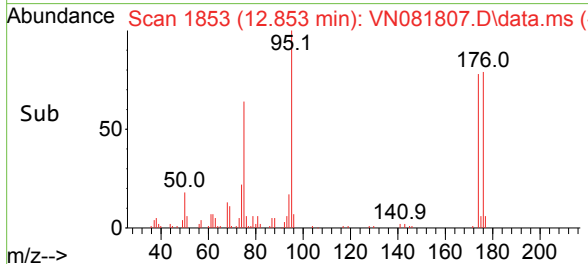
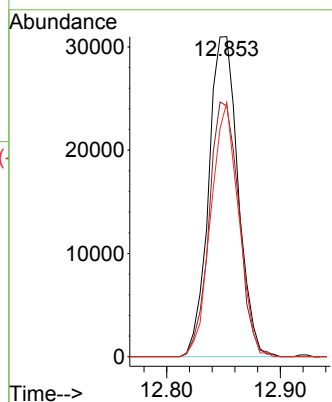
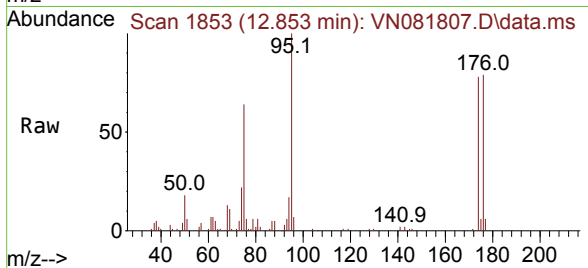




#60
4-Bromofluorobenzene
Concen: 24.940 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

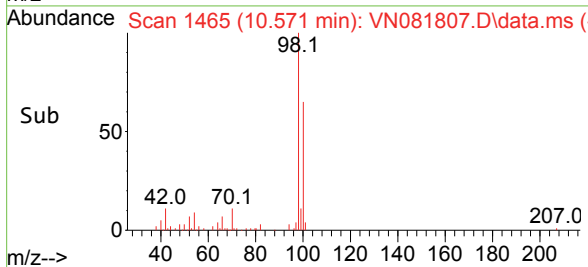
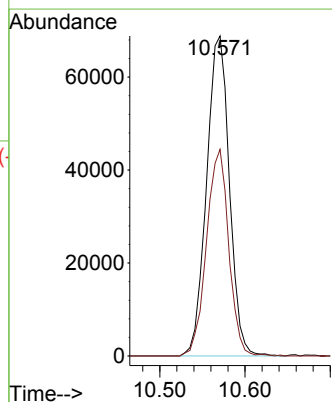
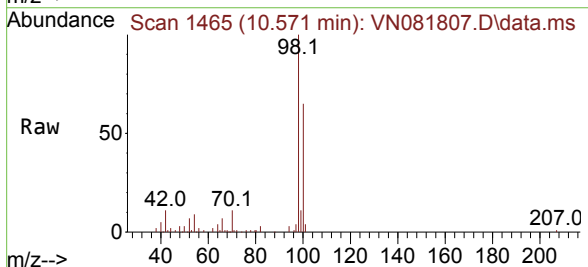
Instrument :
MSVOA_N
ClientSampleId :

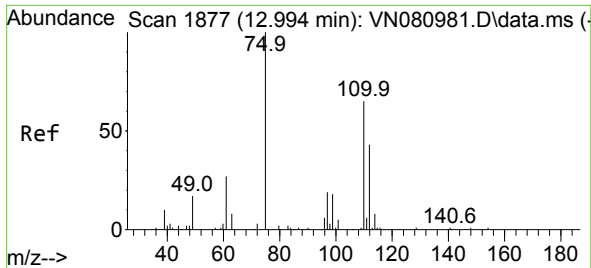
Tgt Ion: 95 Resp: 55746
Ion Ratio Lower Upper
95 100
174 80.4 60.5 90.7
176 75.1 57.8 86.6



#63
Toluene-d8
Concen: 28.170 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

Tgt Ion: 98 Resp: 128469
Ion Ratio Lower Upper
98 100
100 62.6 52.7 79.1

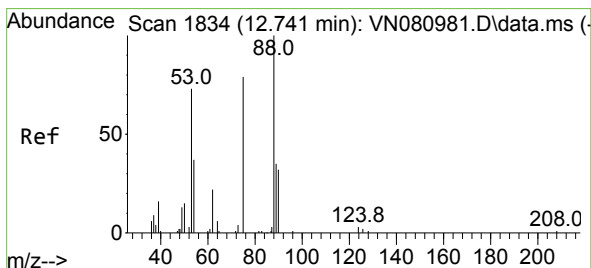
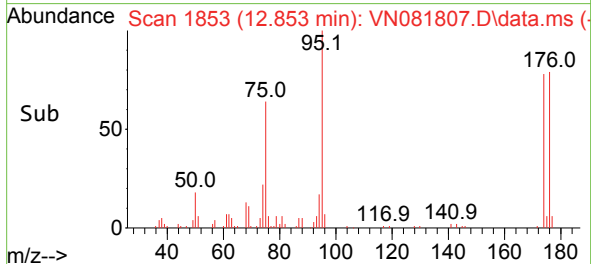
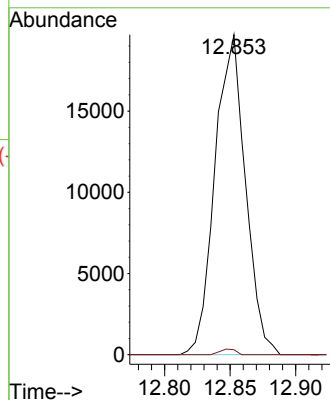
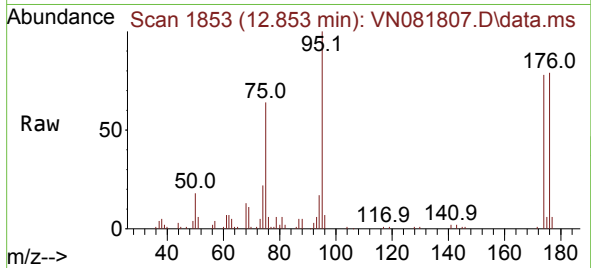




#72
1,2,3-Trichloropropane
Concen: 15.432 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 31840
Ion Ratio Lower Upper
75 100
77 0.9 0.0 367.6



#77
t-1,4-Dichloro-2-butene
Concen: 37.264 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081807.D
Acq: 19 Apr 2024 14:28

Tgt Ion: 75 Resp: 31840
Ion Ratio Lower Upper
75 100
53 0.0 45.9 137.7#
89 0.0 25.9 77.7#

