

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082030.D
 Acq On : 08 May 2024 16:25
 Operator : JC\MD
 Sample : P2426-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240426004-01-TRIP-BLANK

Quant Time: May 09 01:03:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

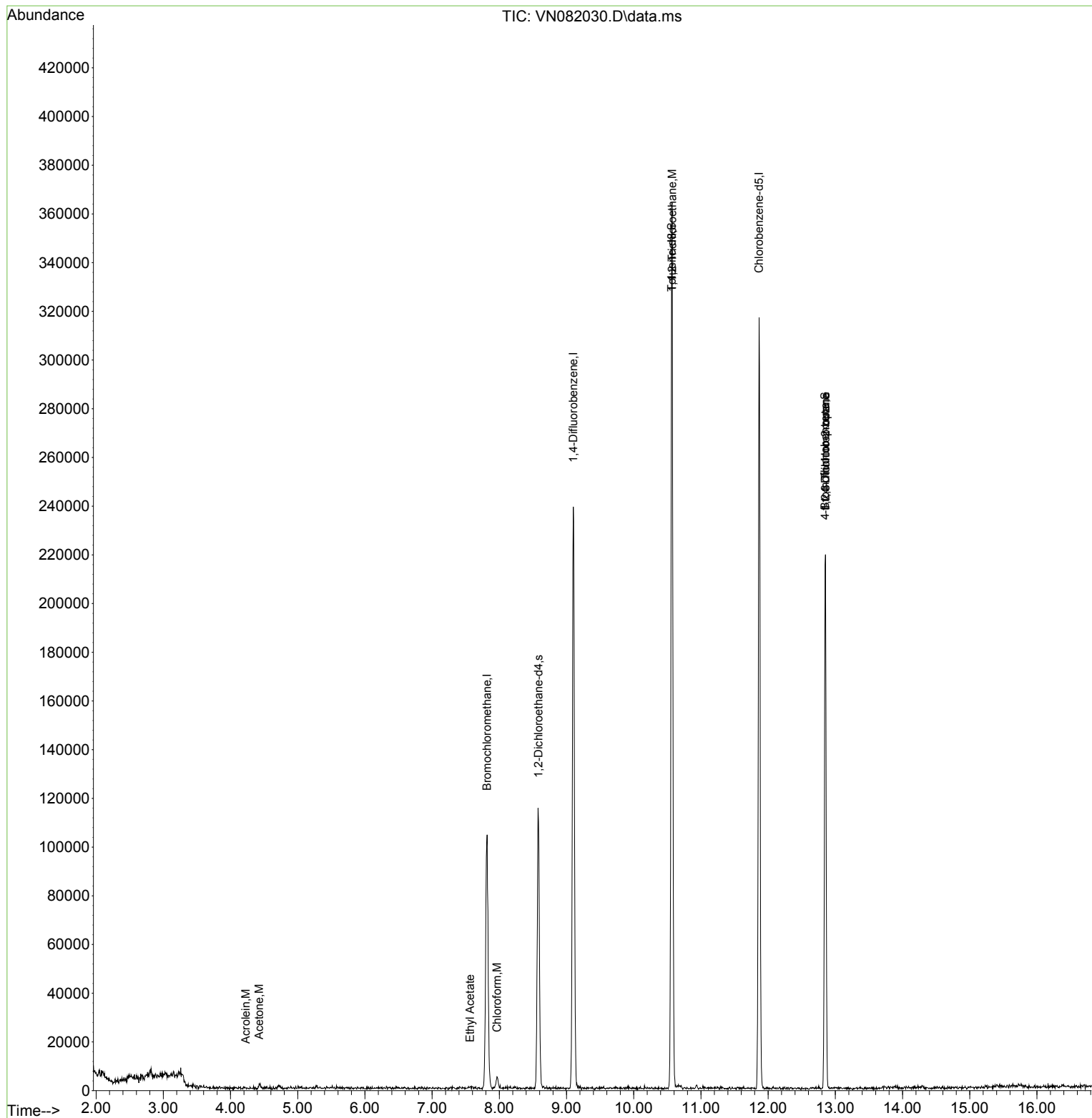
Internal Standards						
1) Bromochloromethane	7.818	128	32480	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	198923	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	169993	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	88598	32.580	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.600%
60) 4-Bromofluorobenzene	12.847	95	76186	26.930	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.767%
63) Toluene-d8	10.565	98	245750	30.441	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.467%
Target Compounds						
					Qvalue	
13) Acrolein	4.224	56	120	0.227	ug/l	86
15) Acetone	4.424	58	441	1.737	ug/l #	1
25) Chloroform	7.965	83	4368	1.114	ug/l #	73
43) Ethyl Acetate	7.565	43	1061	0.319	ug/l #	67
50) 1,1,2-Trichloroethane	10.571	97	7699	3.644	ug/l #	1
72) 1,2,3-Trichloropropane	12.853	75	42006	15.985	ug/l	1
77) t-1,4-Dichloro-2-butene	12.853	75	42006	35.914	ug/l #	12

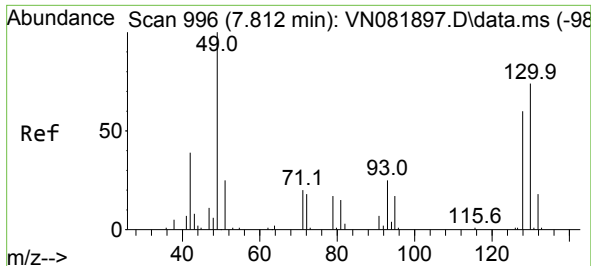
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
Data File : VN082030.D
Acq On : 08 May 2024 16:25
Operator : JC\MD
Sample : P2426-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240426004-01-TRIP-BLANK

Quant Time: May 09 01:03:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration

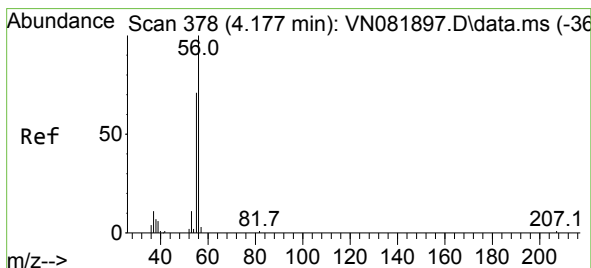
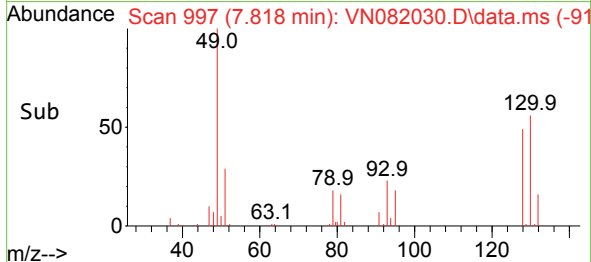
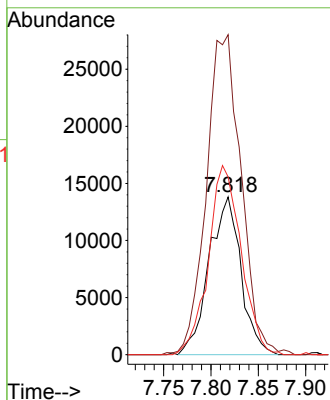
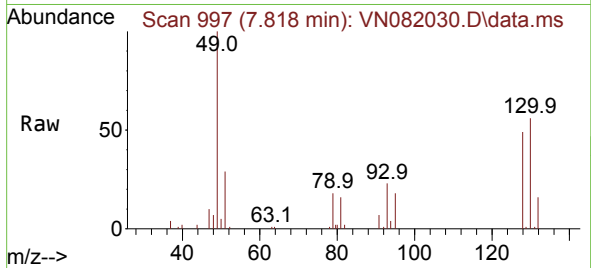




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082030.D
Acq: 08 May 2024 16:25

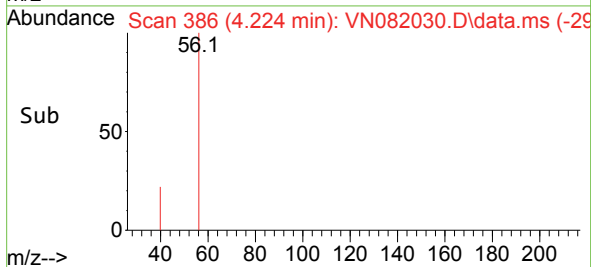
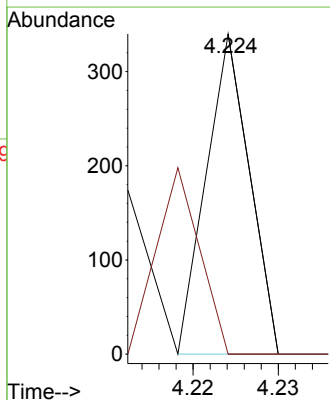
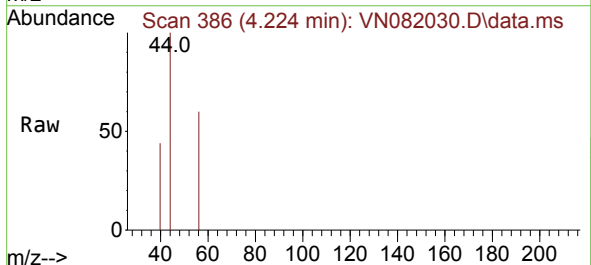
Instrument :
MSVOA_N
ClientSampleId :
240426004-01-TRIP-BLANK

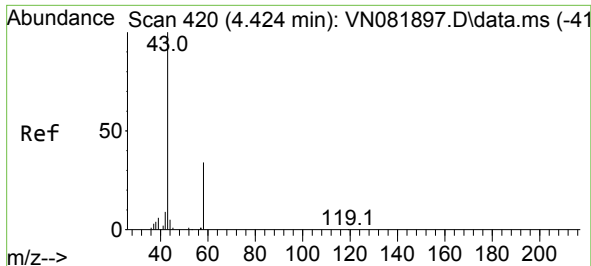
Tgt Ion:128 Resp: 32480
Ion Ratio Lower Upper
128 100
49 219.0 0.0 403.7
130 122.7 0.0 323.3



#13
Acrolein
Concen: 0.227 ug/l
RT: 4.224 min Scan# 386
Delta R.T. 0.047 min
Lab File: VN082030.D
Acq: 08 May 2024 16:25

Tgt Ion: 56 Resp: 120
Ion Ratio Lower Upper
56 100
55 58.3 55.5 83.3

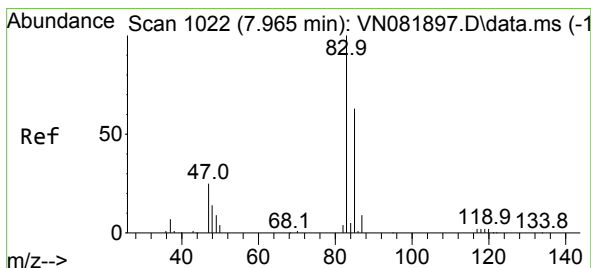
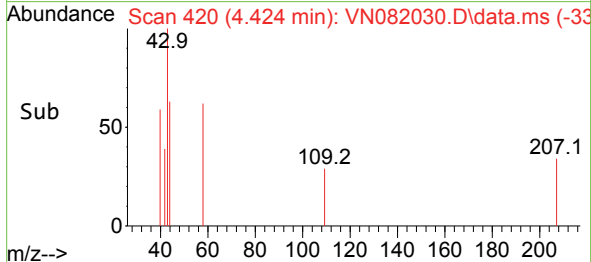
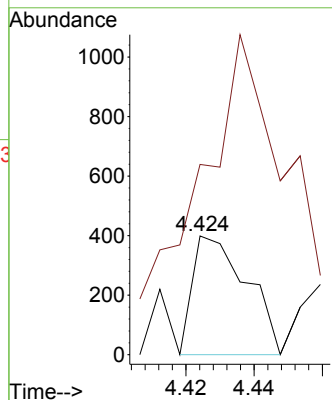
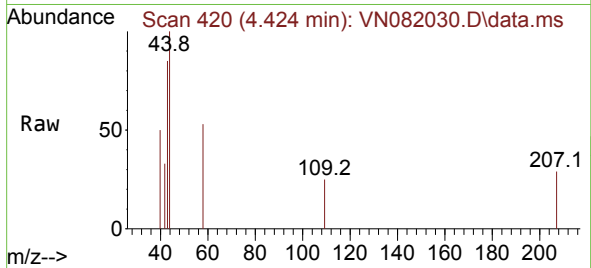




#15
Acetone
Concen: 1.737 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082030.D
Acq: 08 May 2024 16:25

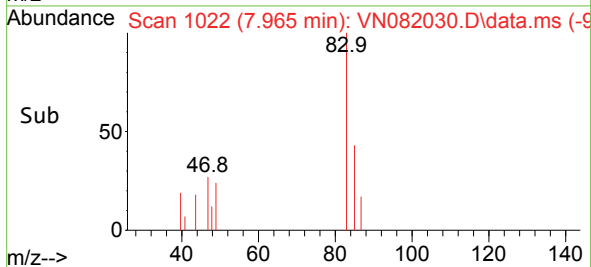
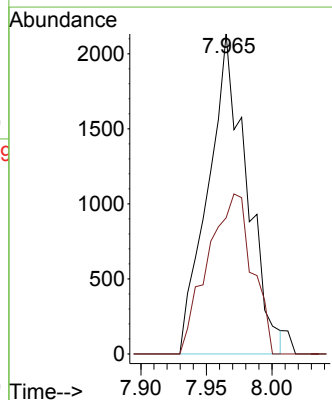
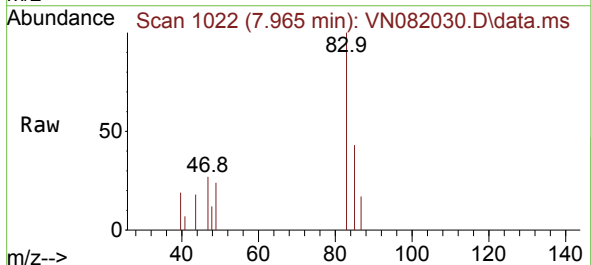
Instrument :
MSVOA_N
ClientSampleId :
240426004-01-TRIP-BLANK

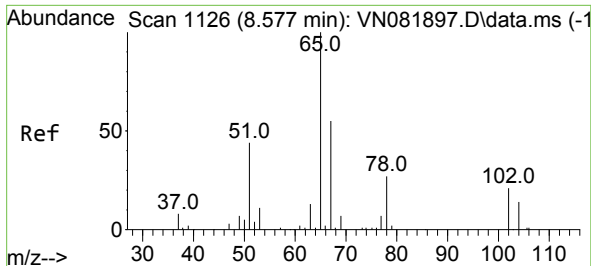
Tgt Ion: 58 Resp: 441
Ion Ratio Lower Upper
58 100
43 67.7 223.1 334.7#



#25
Chloroform
Concen: 1.114 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082030.D
Acq: 08 May 2024 16:25

Tgt Ion: 83 Resp: 4368
Ion Ratio Lower Upper
83 100
85 42.5 50.9 76.3#

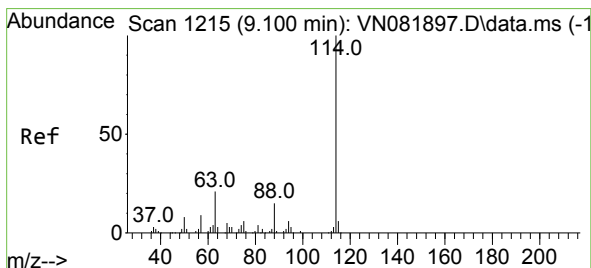
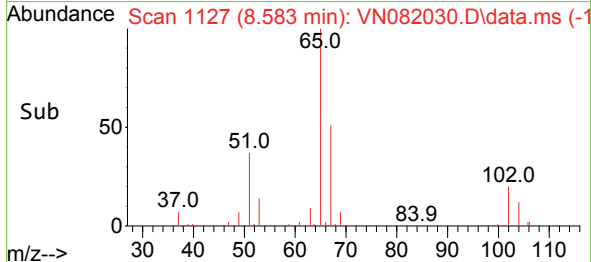
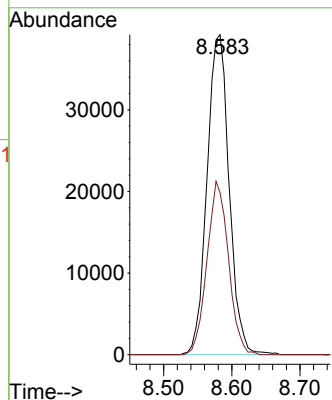
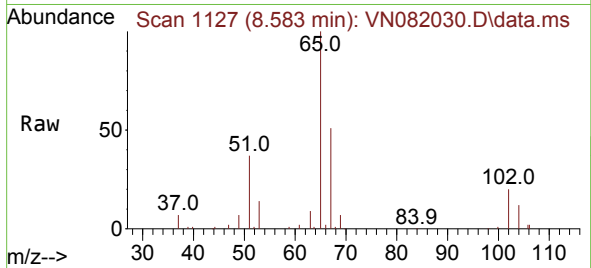




#27
1,2-Dichloroethane-d4
Concen: 32.580 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082030.D
Acq: 08 May 2024 16:25

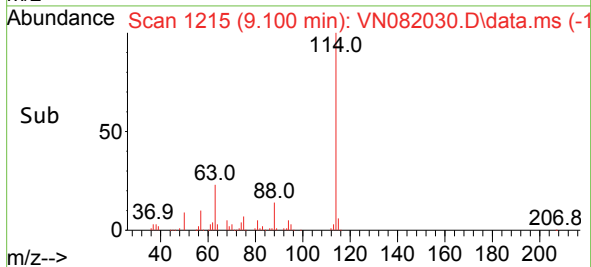
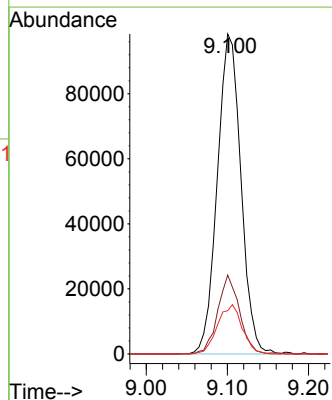
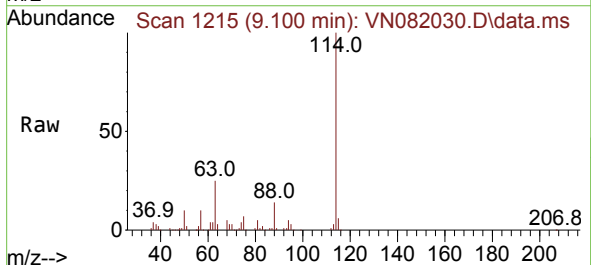
Instrument :
MSVOA_N
ClientSampleId :
240426004-01-TRIP-BLANK

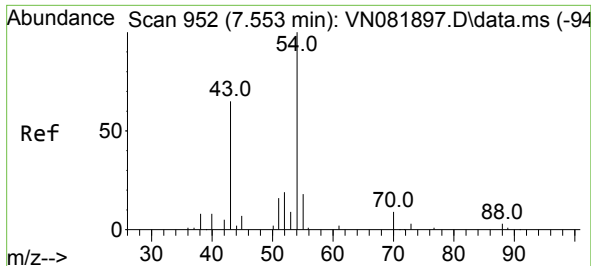
Tgt Ion: 65 Resp: 88598
Ion Ratio Lower Upper
65 100
67 52.3 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN082030.D
Acq: 08 May 2024 16:25

Tgt Ion:114 Resp: 198923
Ion Ratio Lower Upper
114 100
63 22.6 15.9 23.9
88 16.1 12.7 19.1

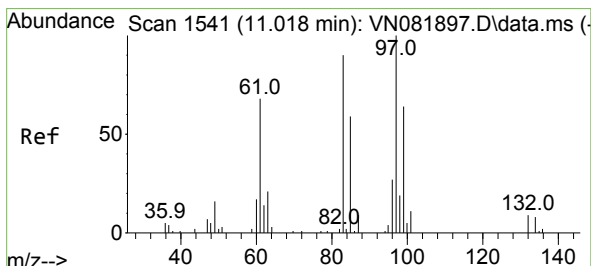
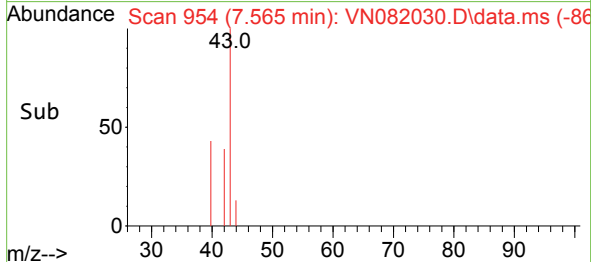
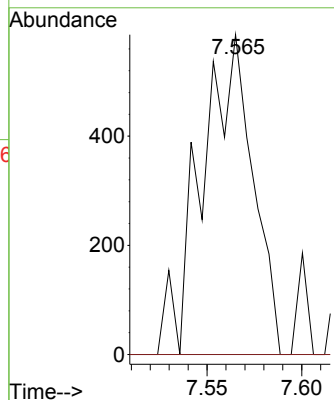
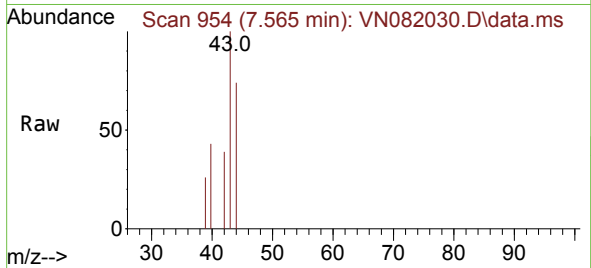




#43
Ethyl Acetate
Concen: 0.319 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN082030.D
Acq: 08 May 2024 16:25

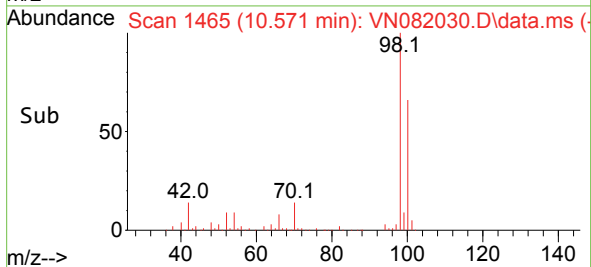
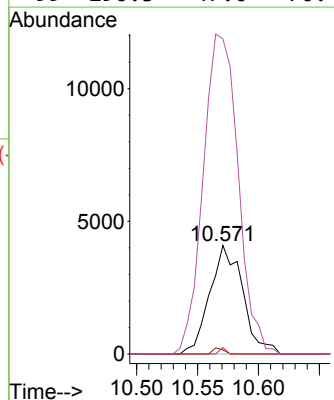
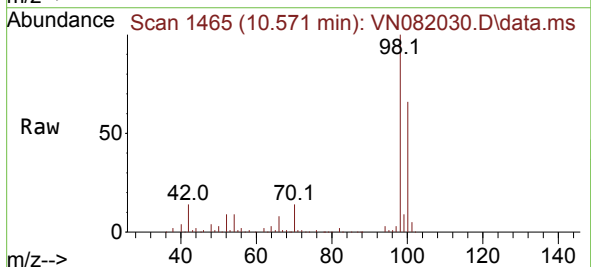
Instrument :
MSVOA_N
ClientSampleId :
240426004-01-TRIP-BLANK

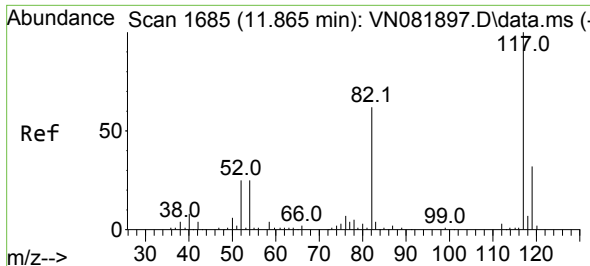
Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
45 0.0 10.6 15.8#



#50
1,1,2-Trichloroethane
Concen: 3.644 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.447 min
Lab File: VN082030.D
Acq: 08 May 2024 16:25

Tgt Ion: 97 Resp: 7699
Ion Ratio Lower Upper
97 100
83 3.8 68.1 102.1#
85 5.9 41.8 62.6#
99 290.3 47.0 70.4#

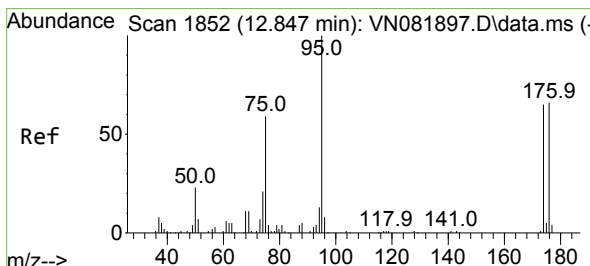
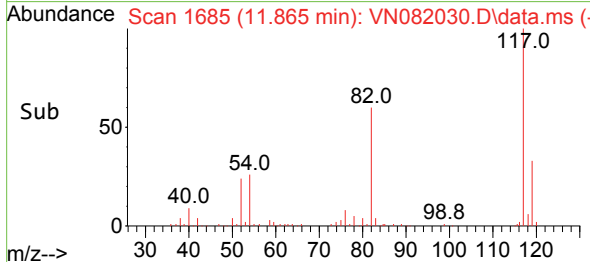
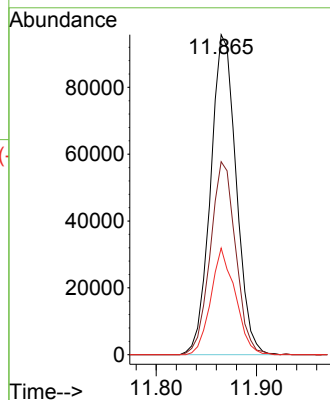
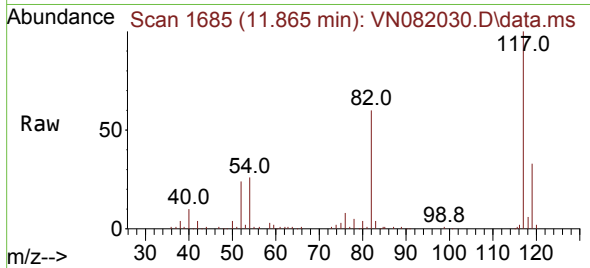




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082030.D
Acq: 08 May 2024 16:25

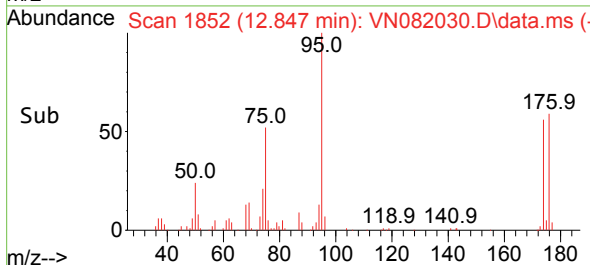
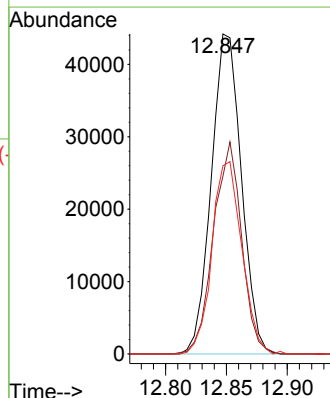
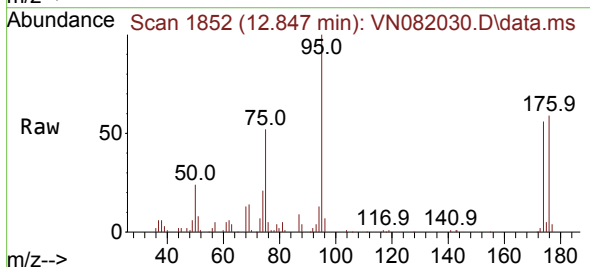
Instrument :
MSVOA_N
ClientSampleId :
240426004-01-TRIP-BLANK

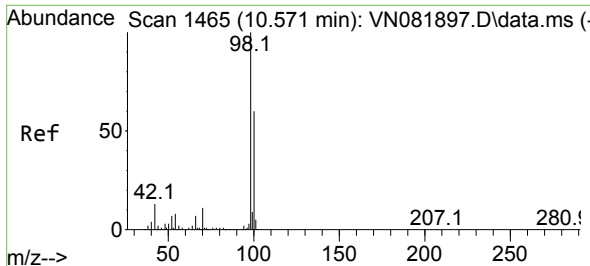
Tgt Ion:117 Resp: 169993
Ion Ratio Lower Upper
117 100
82 59.9 46.6 69.8
119 31.8 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 26.930 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082030.D
Acq: 08 May 2024 16:25

Tgt Ion: 95 Resp: 76186
Ion Ratio Lower Upper
95 100
174 62.0 60.5 90.7
176 59.5 57.8 86.6

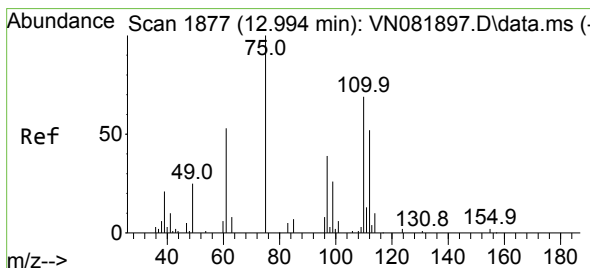
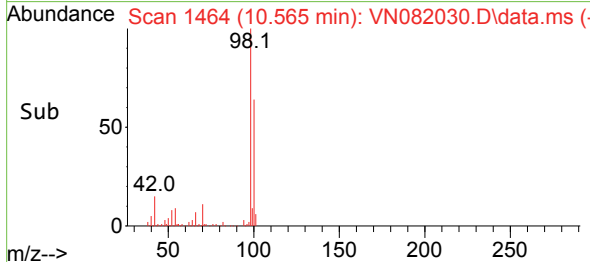
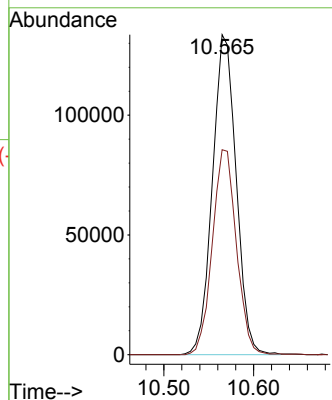
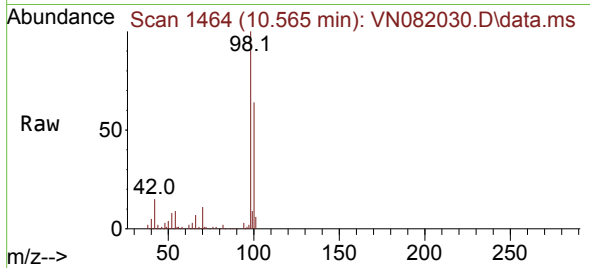




#63
Toluene-d8
Concen: 30.441 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082030.D
Acq: 08 May 2024 16:25

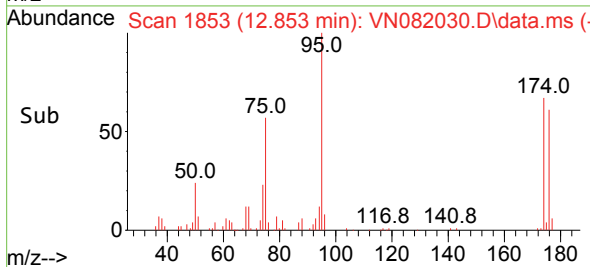
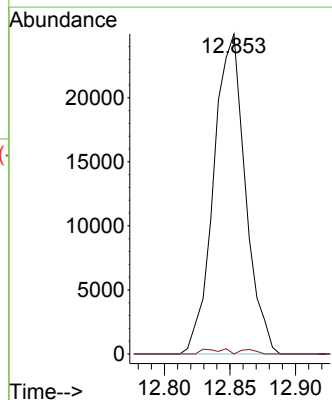
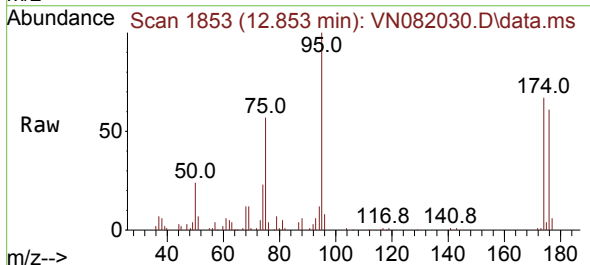
Instrument :
MSVOA_N
ClientSampleId :
240426004-01-TRIP-BLANK

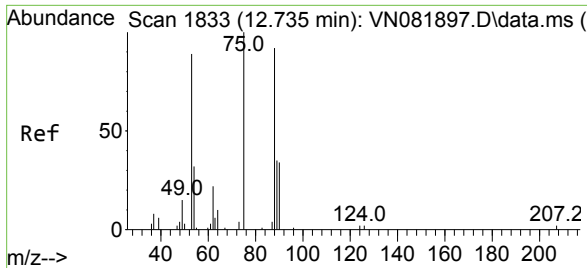
Tgt Ion: 98 Resp: 245750
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#72
1,2,3-Trichloropropane
Concen: 15.985 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082030.D
Acq: 08 May 2024 16:25

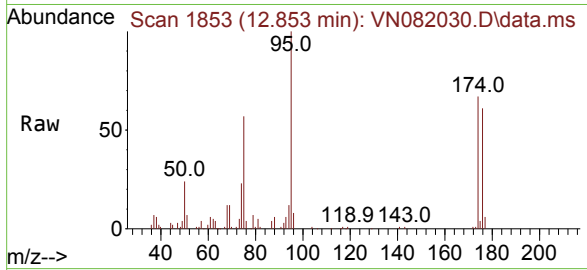
Tgt Ion: 75 Resp: 42006
Ion Ratio Lower Upper
75 100
77 0.3 0.0 367.6





#77
 t-1,4-Dichloro-2-butene
 Concen: 35.914 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082030.D
 Acq: 08 May 2024 16:25

Instrument :
 MSVOA_N
 ClientSampleId :
 240426004-01-TRIP-BLANK



Tgt Ion: 75 Resp: 42006
 Ion Ratio Lower Upper
 75 100
 53 0.0 45.9 137.7#
 89 0.0 25.9 77.7#

