

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080445.D
 Acq On : 12 Dec 2023 18:14
 Operator : JC\MD
 Sample : 05672-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 02:35:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	230871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	423961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	455529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	179991	61.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.080%
35) Dibromofluoromethane	8.165	113	155162	57.722	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.440%
50) Toluene-d8	10.571	98	560463	55.906	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.820%
62) 4-Bromofluorobenzene	12.847	95	233196	61.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.520%

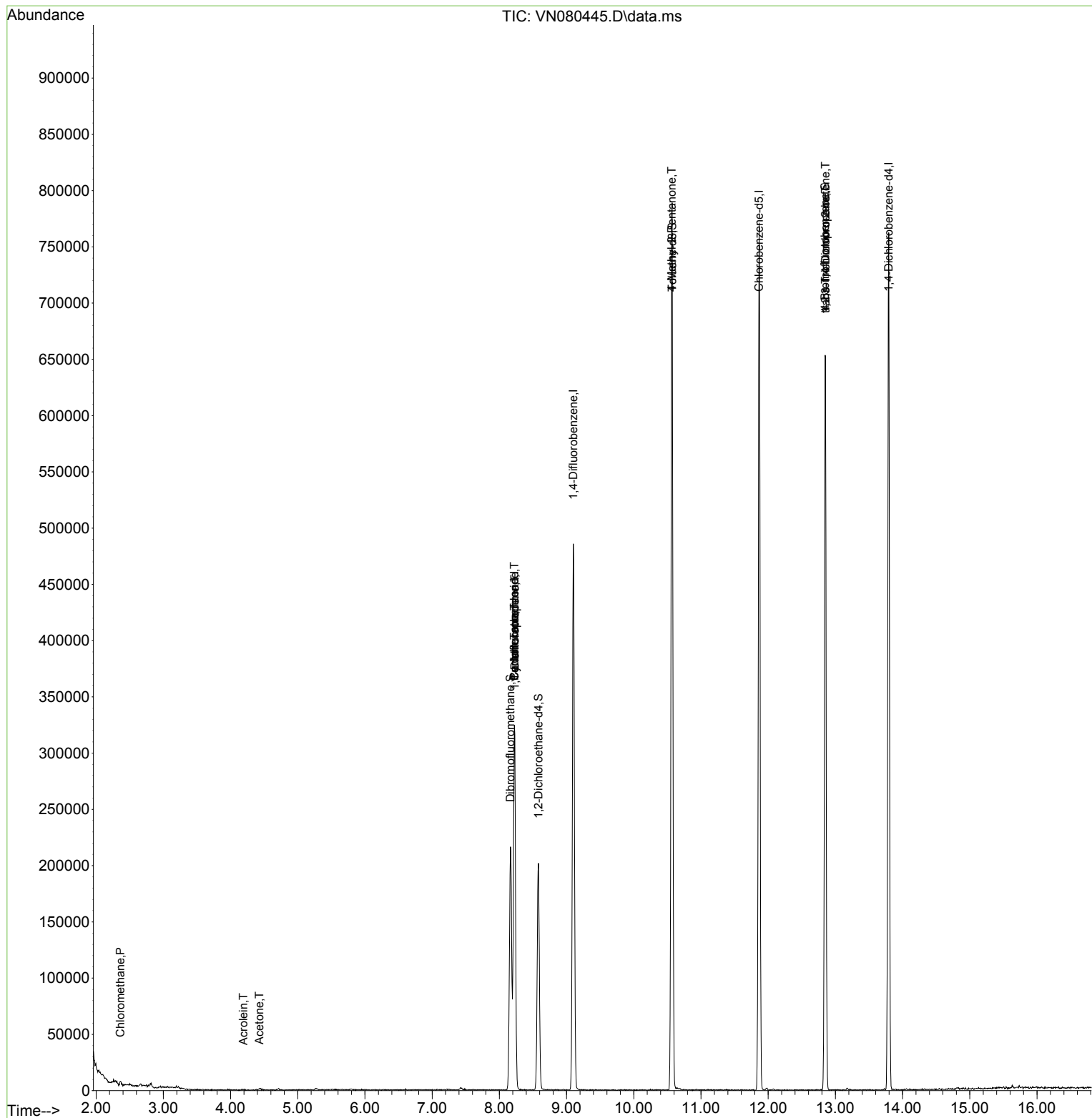
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	3641	0.783	ug/l #	83
13) Acrolein	4.189	56	648	1.704	ug/l #	60
16) Acetone	4.430	43	1364	2.609	ug/l #	88
31) Cyclohexane	8.224	56	4819	1.202	ug/l #	22
36) 1,1-Dichloropropene	8.230	75	17191	3.911	ug/l #	50
38) Carbon Tetrachloride	8.224	117	26006	4.952	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	1887	0.692	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	126317	30.176	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	126317	79.230	ug/l #	15

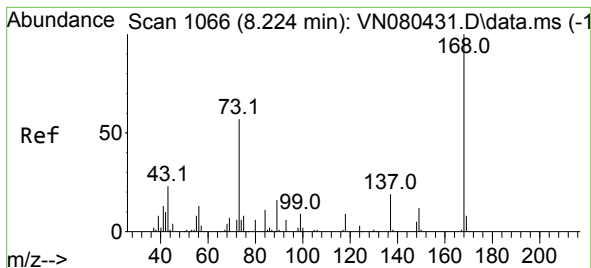
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
Data File : VN080445.D
Acq On : 12 Dec 2023 18:14
Operator : JC\MD
Sample : 05672-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 13 02:35:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080445.D

Acq: 12 Dec 2023 18:14

Instrument :

MSVOA_N

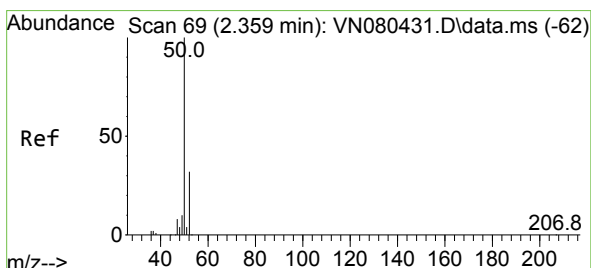
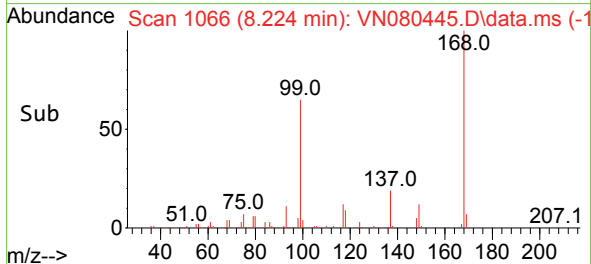
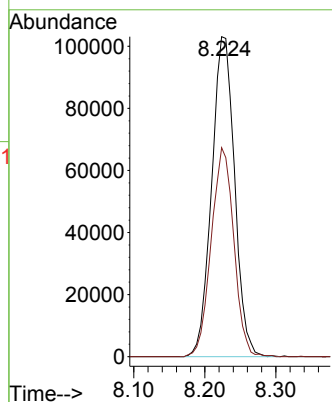
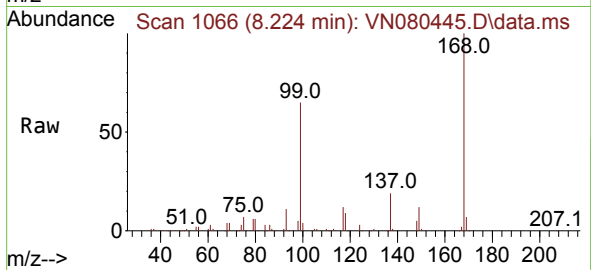
ClientSampleId :

Tgt Ion:168 Resp: 230871

Ion Ratio Lower Upper

168 100

99 65.3 53.0 79.6



#3

Chloromethane

Concen: 0.783 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080445.D

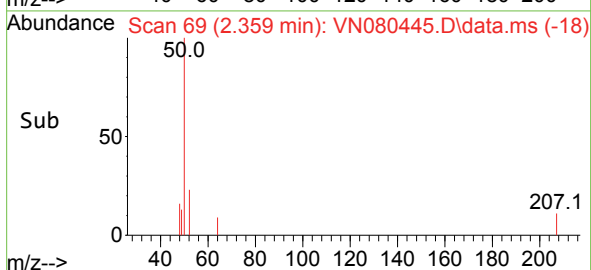
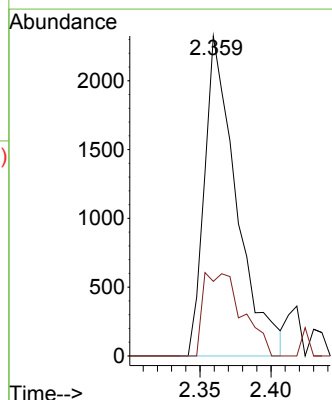
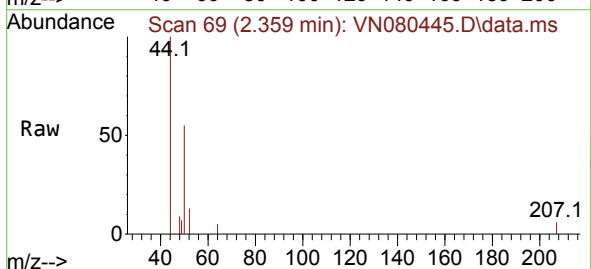
Acq: 12 Dec 2023 18:14

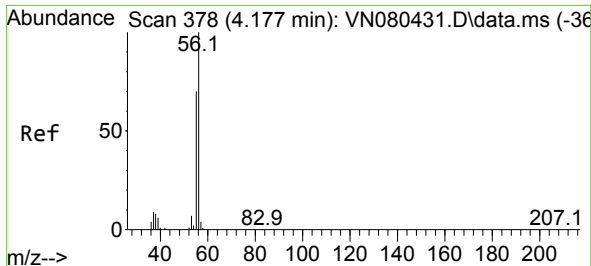
Tgt Ion: 50 Resp: 3641

Ion Ratio Lower Upper

50 100

52 23.3 26.5 39.7#

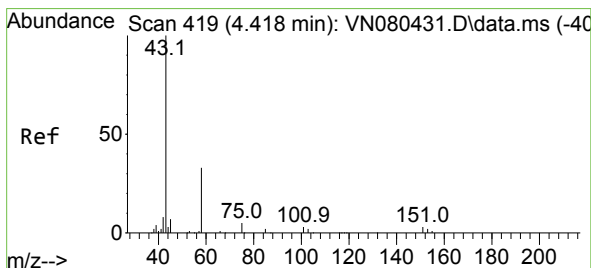
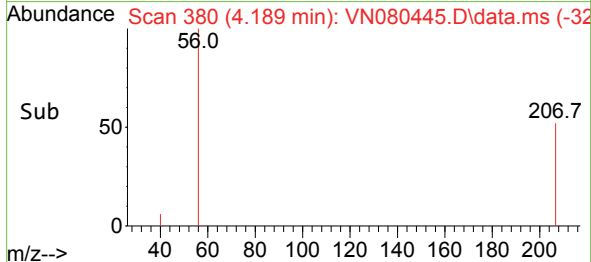
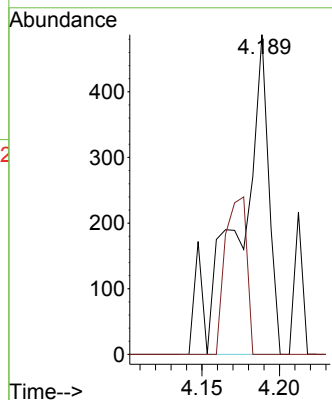
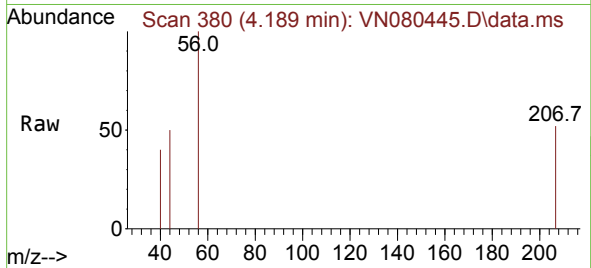




#13
Acrolein
Concen: 1.704 ug/l
RT: 4.189 min Scan# 378
Delta R.T. 0.012 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

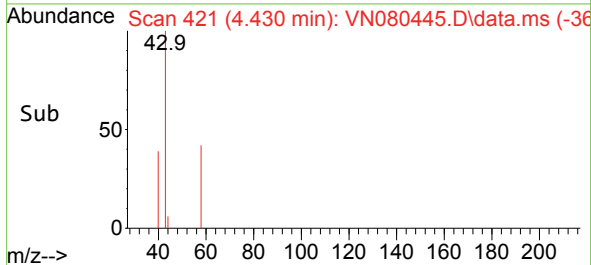
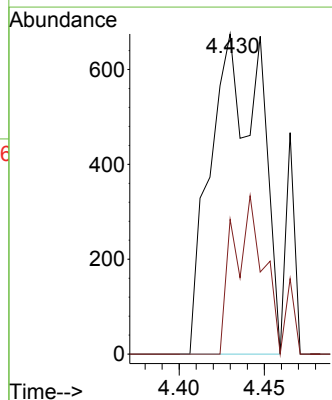
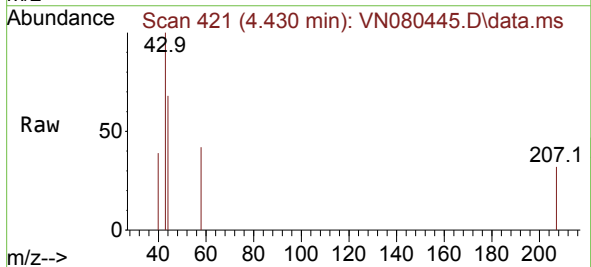
Instrument :
MSVOA_N
ClientSampleId :

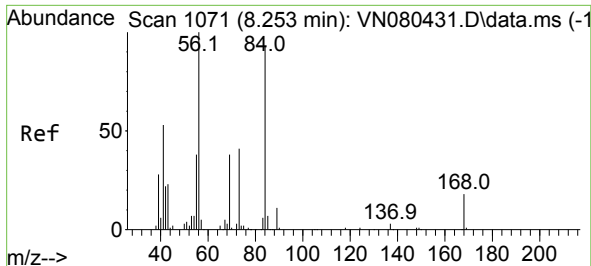
Tgt Ion: 56 Resp: 648
Ion Ratio Lower Upper
56 100
55 35.6 54.5 81.7#



#16
Acetone
Concen: 2.609 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

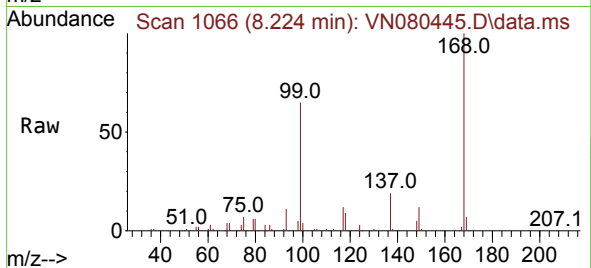
Tgt Ion: 43 Resp: 1364
Ion Ratio Lower Upper
43 100
58 42.1 28.0 42.0#



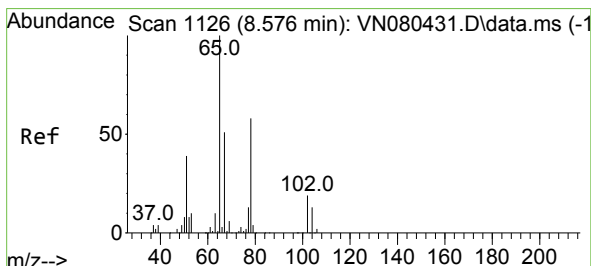
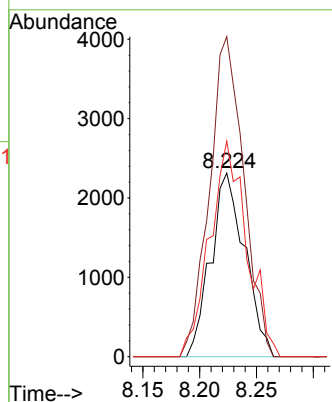
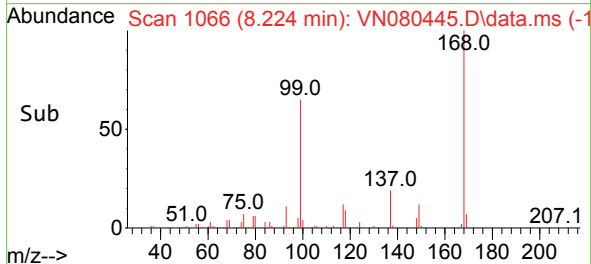


#31
Cyclohexane
Concen: 1.202 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :

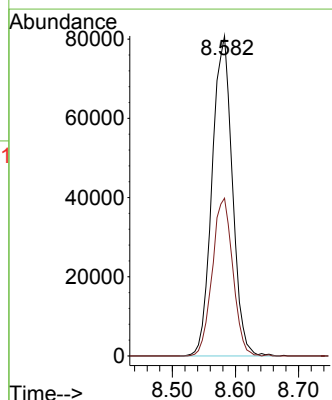
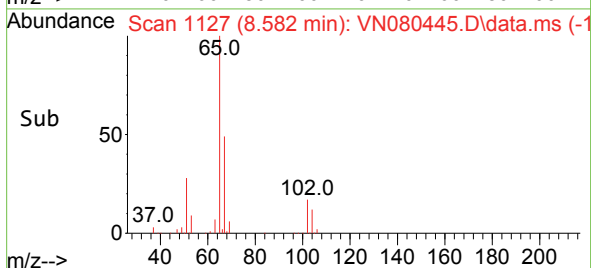
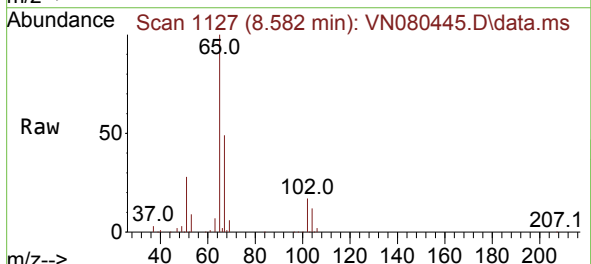


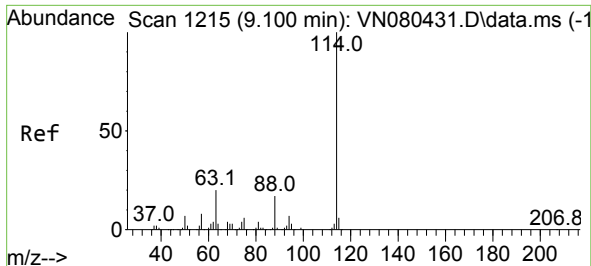
Tgt Ion: 56 Resp: 4819
Ion Ratio Lower Upper
56 100
69 174.3 26.8 40.2#
84 124.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 61.040 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

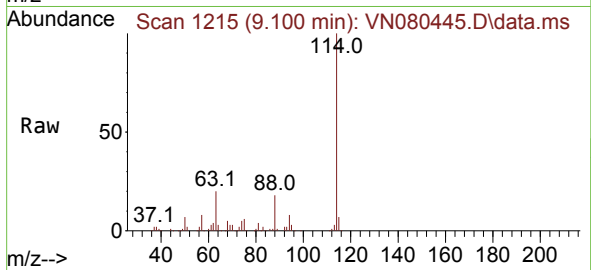
Tgt Ion: 65 Resp: 179991
Ion Ratio Lower Upper
65 100
67 50.0 0.0 106.6



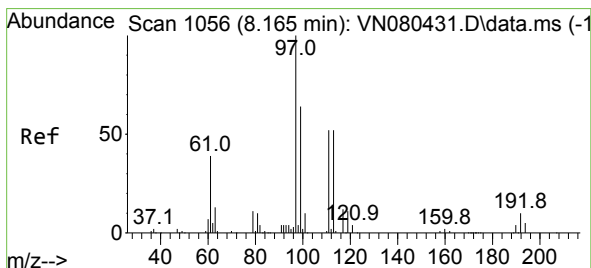
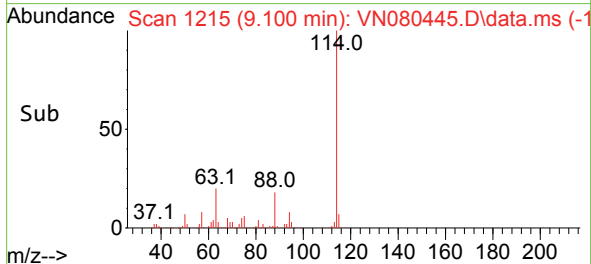
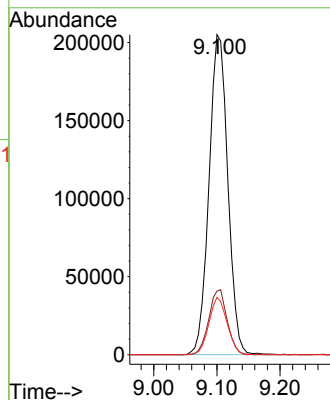


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :

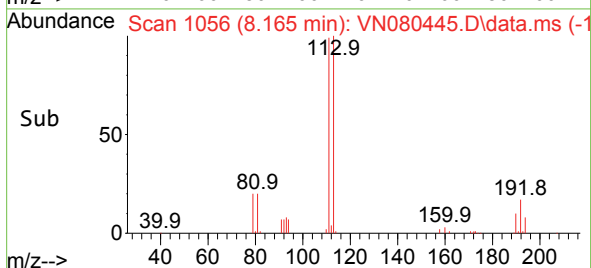
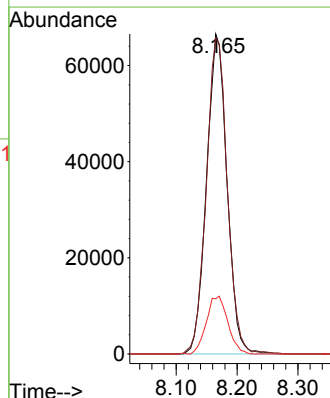
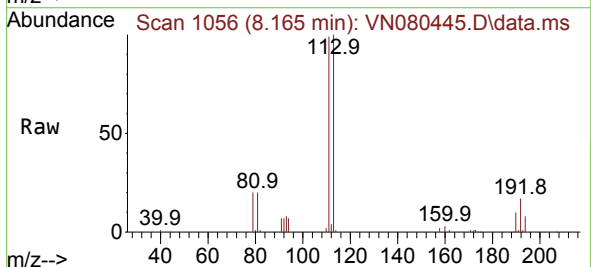


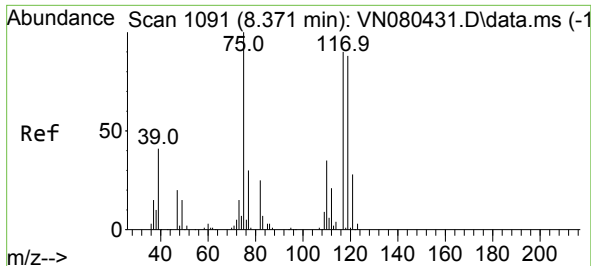
Tgt Ion:114 Resp: 423961
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 17.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.722 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

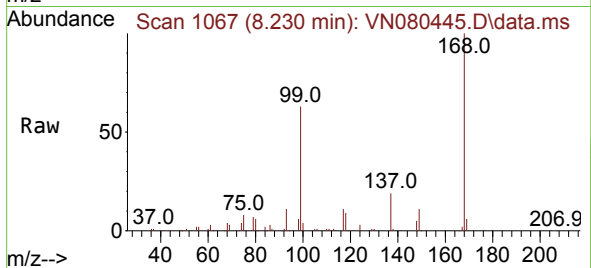
Tgt Ion:113 Resp: 155162
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 18.9 12.7 19.1



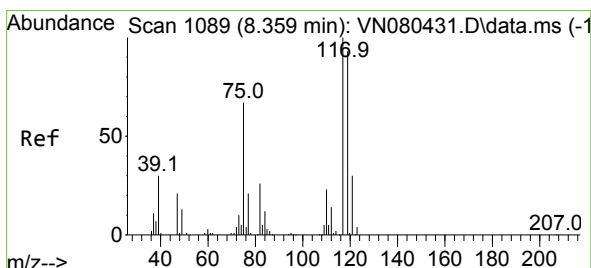
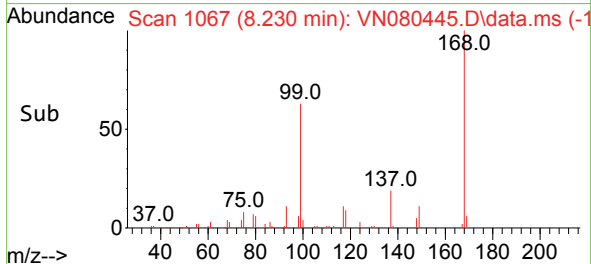
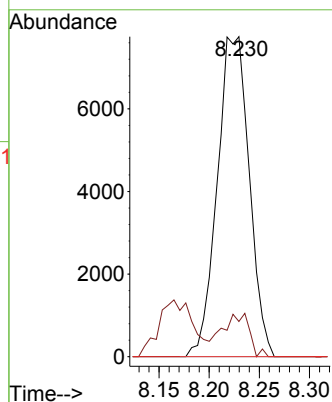


#36
1,1-Dichloropropene
Concen: 3.911 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :

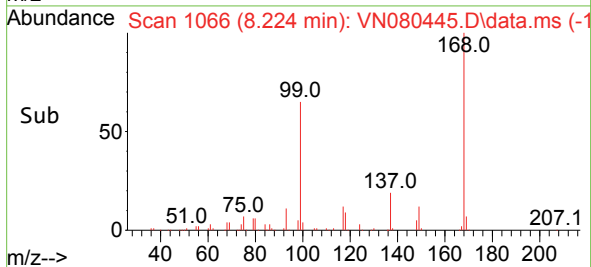
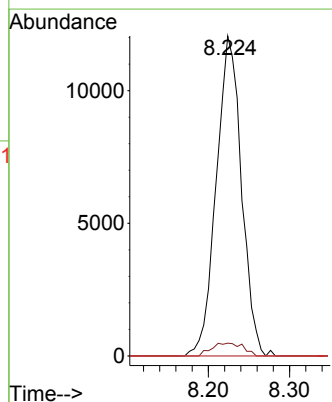
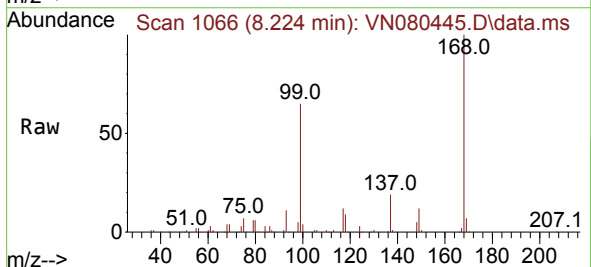


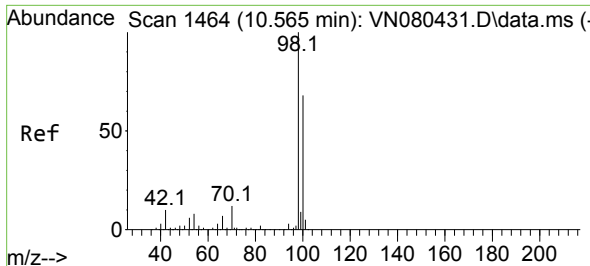
Tgt Ion: 75 Resp: 17191
Ion Ratio Lower Upper
75 100
110 11.4 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.952 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

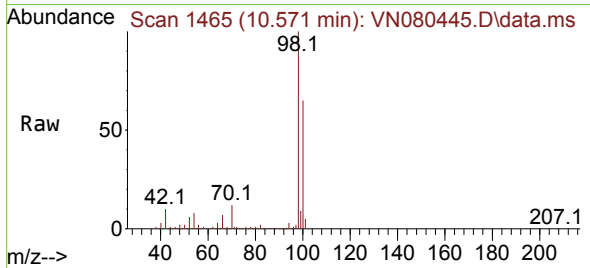
Tgt Ion: 117 Resp: 26006
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 23.3 34.9#



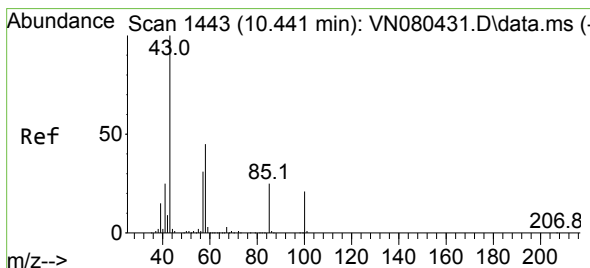
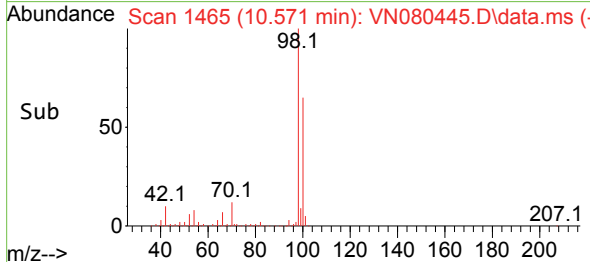
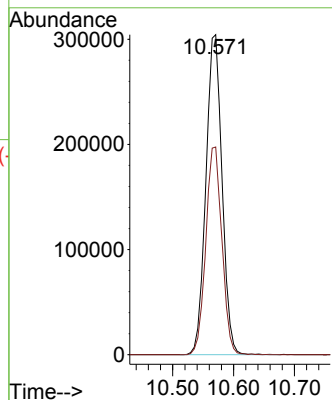


#50
Toluene-d8
Concen: 55.906 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :

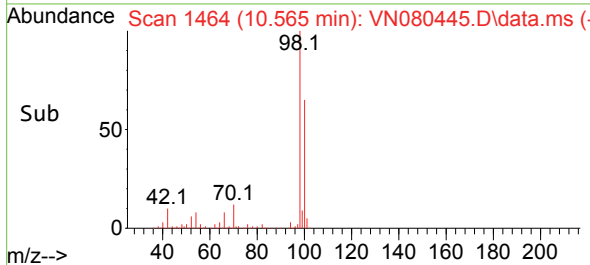
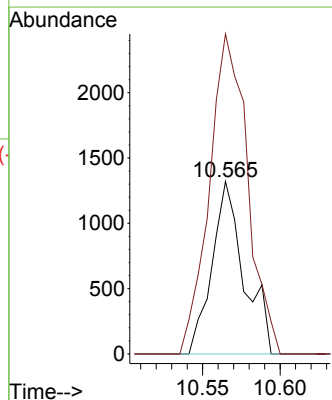
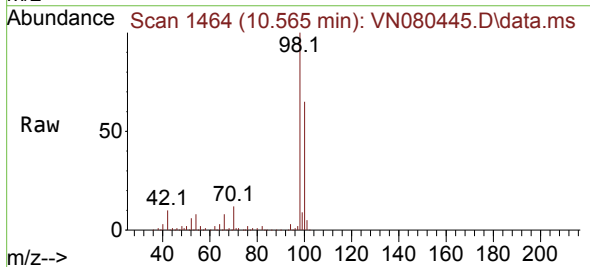


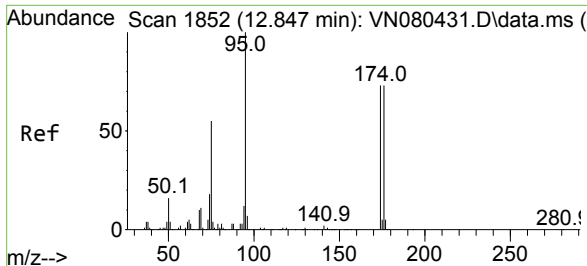
Tgt Ion: 98 Resp: 560463
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.692 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

Tgt Ion: 43 Resp: 1887
Ion Ratio Lower Upper
43 100
58 222.3 36.6 54.8#

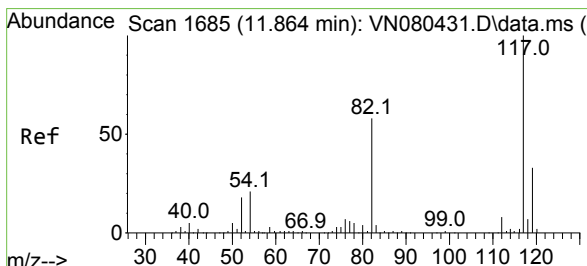
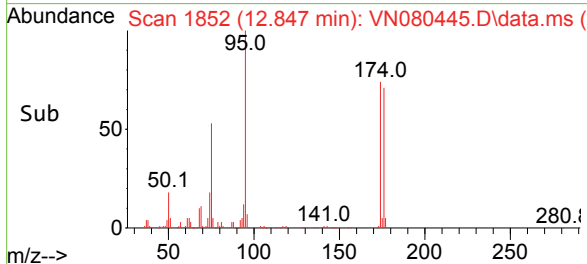
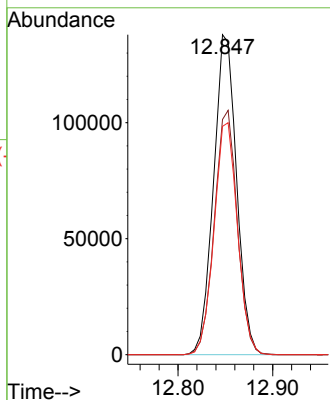
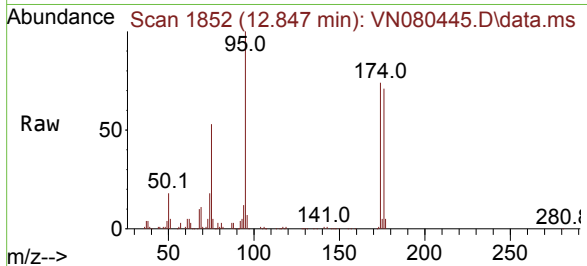




#62
4-Bromofluorobenzene
Concen: 61.258 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

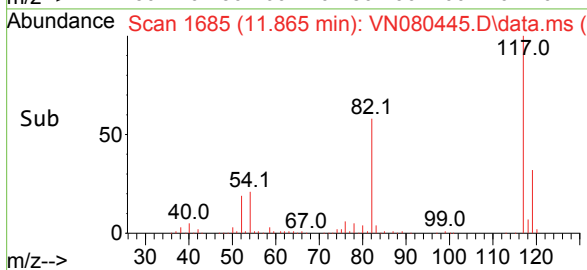
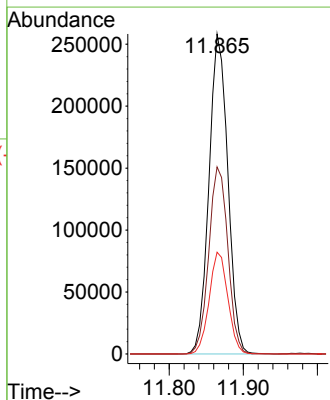
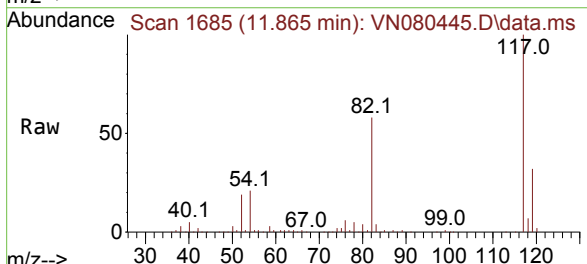
Instrument :
MSVOA_N
ClientSampleId :

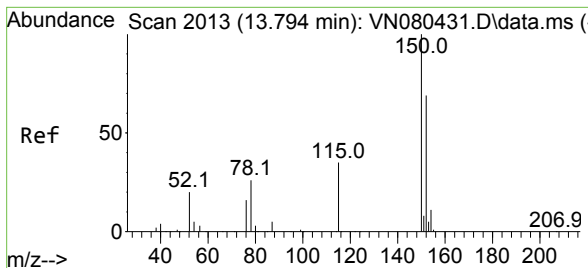
Tgt Ion: 95 Resp: 233196
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 73.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

Tgt Ion: 117 Resp: 455529
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 31.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

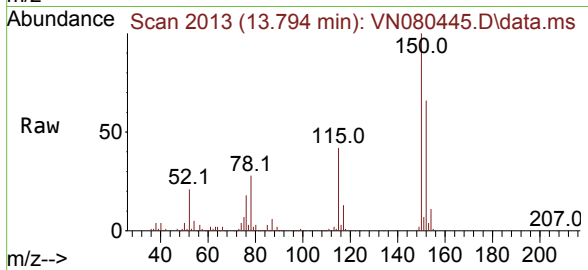
Lab File: VN080445.D

Acq: 12 Dec 2023 18:14

Instrument :

MSVOA_N

ClientSampleId :



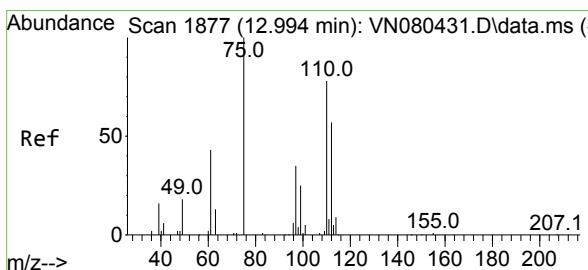
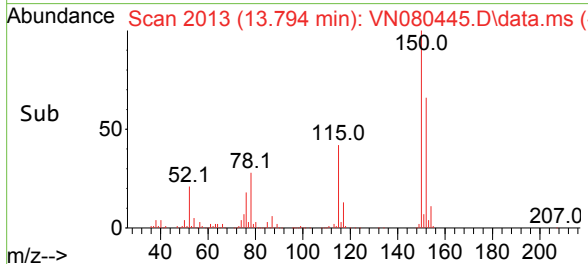
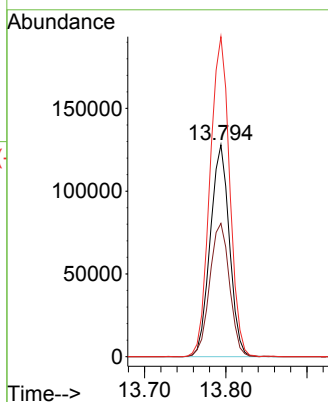
Tgt Ion:152 Resp: 209828

Ion Ratio Lower Upper

152 100

115 65.1 32.3 96.8

150 154.8 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 30.176 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080445.D

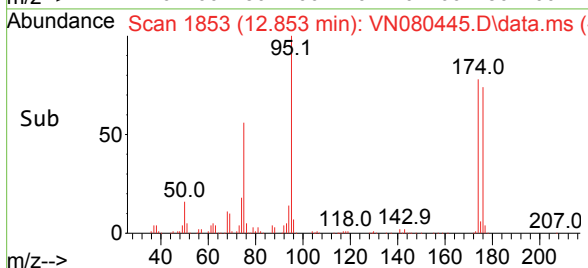
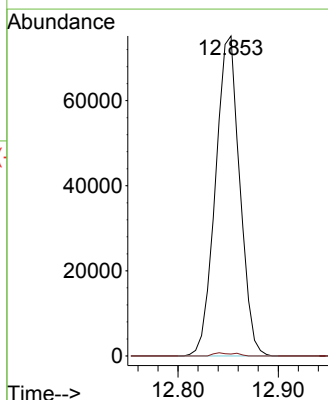
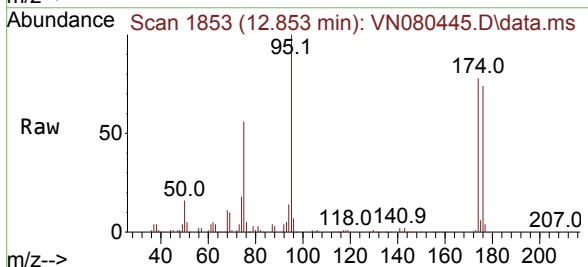
Acq: 12 Dec 2023 18:14

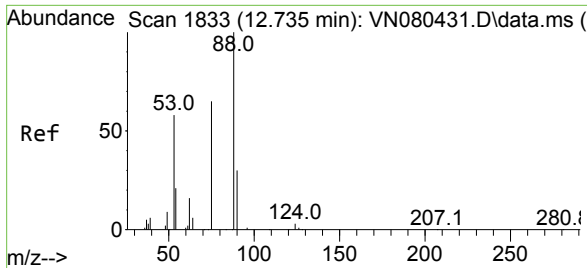
Tgt Ion: 75 Resp: 126317

Ion Ratio Lower Upper

75 100

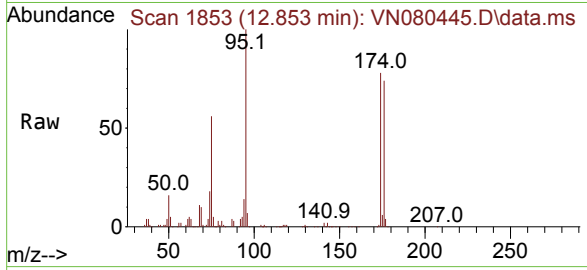
77 0.9 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.230 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN080445.D
 Acq: 12 Dec 2023 18:14

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 126317
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.1 38.8 58.2#

