

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080463.D
 Acq On : 13 Dec 2023 15:41
 Operator : JC\MD
 Sample : 05670-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 14 04:08:25 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)

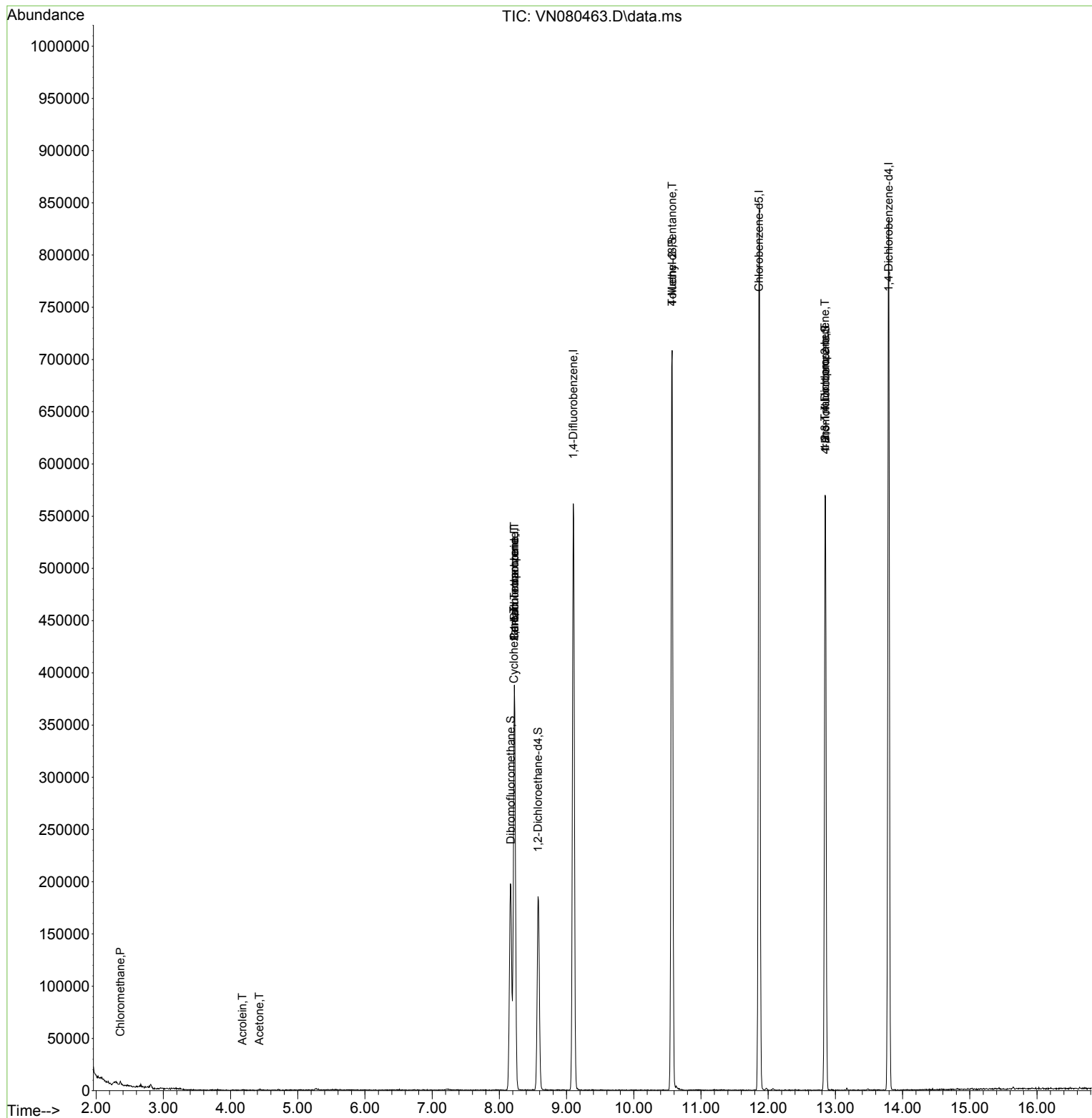
Internal Standards						
1) Pentafluorobenzene	8.224	168	274005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	486785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	490938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169416	48.409	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.820%
35) Dibromofluoromethane	8.171	113	139740	45.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.560%
50) Toluene-d8	10.570	98	505883	43.949	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.900%
62) 4-Bromofluorobenzene	12.853	95	208185	47.630	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	3952	0.681	ug/l	95
13) Acrolein	4.177	56	519	1.150	ug/l #	52
16) Acetone	4.430	43	1263	2.035	ug/l	97
31) Cyclohexane	8.218	56	5735	1.205	ug/l #	28
36) 1,1-Dichloropropene	8.224	75	21296	4.220	ug/l #	50
38) Carbon Tetrachloride	8.224	117	29820	4.945	ug/l #	15
51) 4-Methyl-2-Pentanone	10.570	43	1916	0.612	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	113290	25.372	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	113290	66.617	ug/l #	15

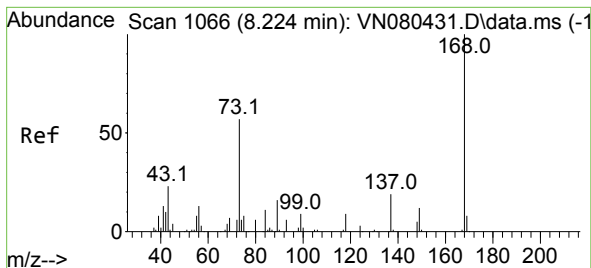
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
Data File : VN080463.D
Acq On : 13 Dec 2023 15:41
Operator : JC\MD
Sample : 05670-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 14 04:08:25 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: VN080463.D

Acq: 13 Dec 2023 15:41

Instrument :

MSVOA_N

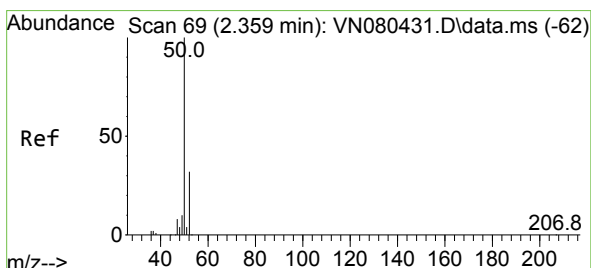
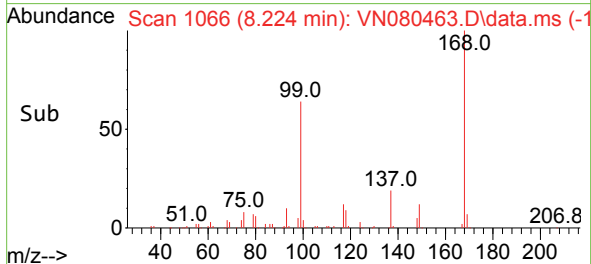
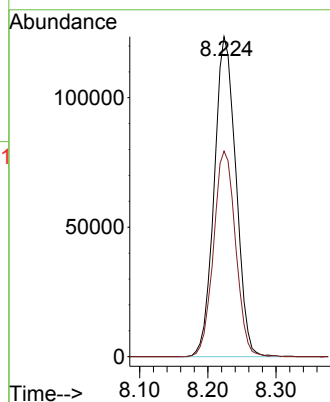
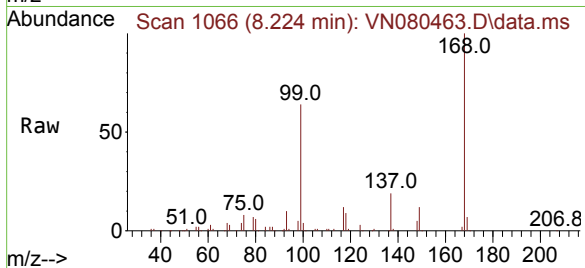
ClientSampleId :

Tgt Ion:168 Resp: 274005

Ion Ratio Lower Upper

168 100

99 64.3 53.0 79.6



#3

Chloromethane

Concen: 0.681 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080463.D

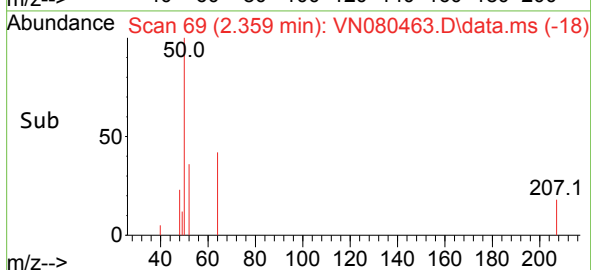
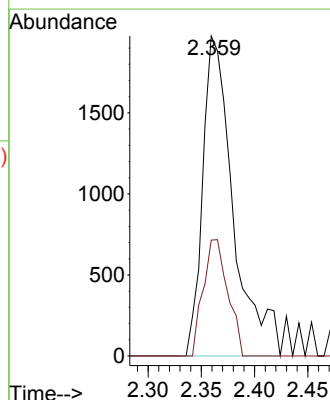
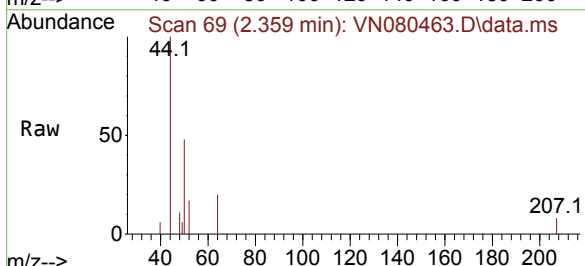
Acq: 13 Dec 2023 15:41

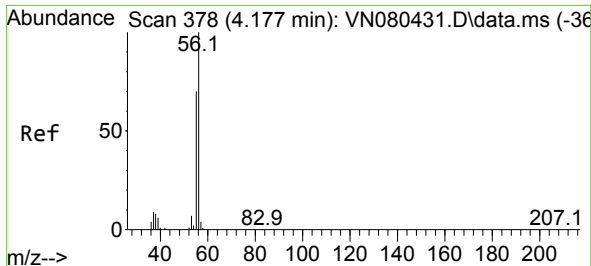
Tgt Ion: 50 Resp: 3952

Ion Ratio Lower Upper

50 100

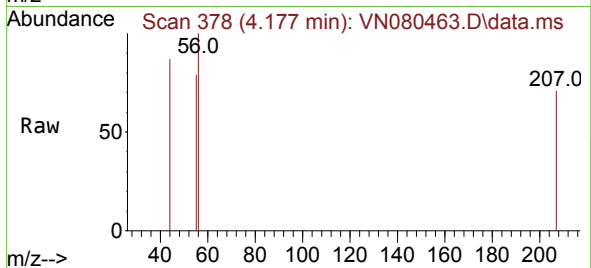
52 36.2 26.5 39.7



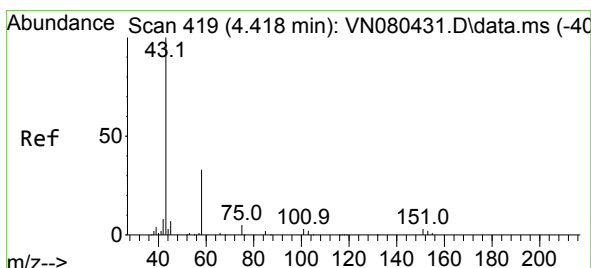
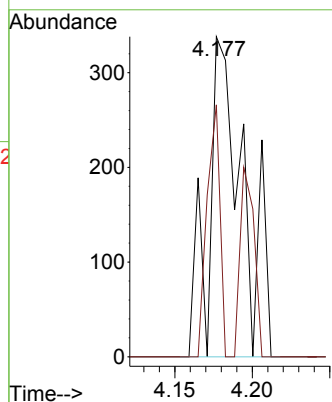
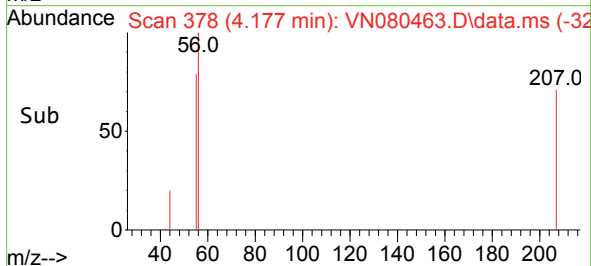


#13
Acrolein
Concen: 1.150 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080463.D
Acq: 13 Dec 2023 15:41

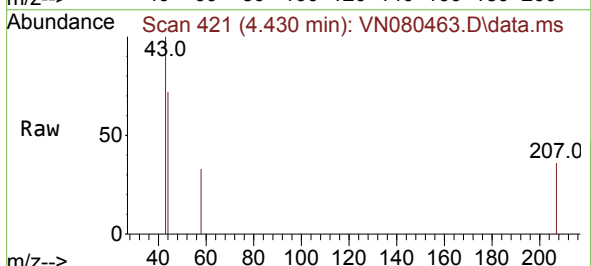
Instrument :
MSVOA_N
ClientSampleId :



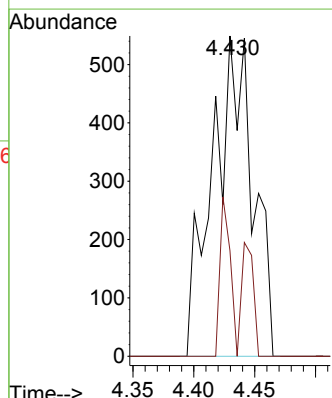
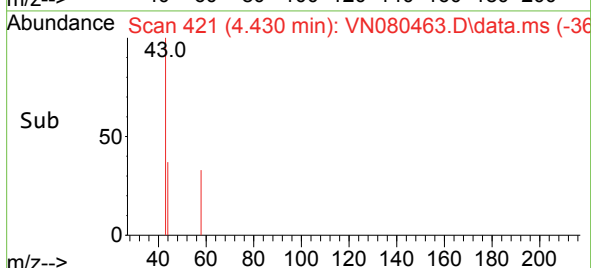
Tgt Ion: 56 Resp: 519
Ion Ratio Lower Upper
56 100
55 29.7 54.5 81.7#

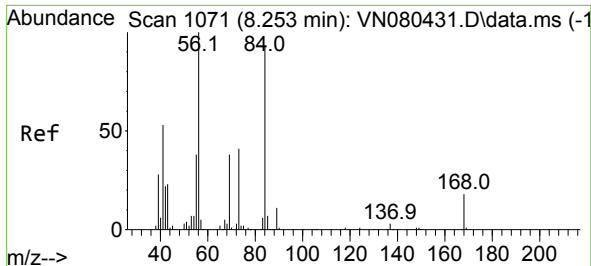


#16
Acetone
Concen: 2.035 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080463.D
Acq: 13 Dec 2023 15:41



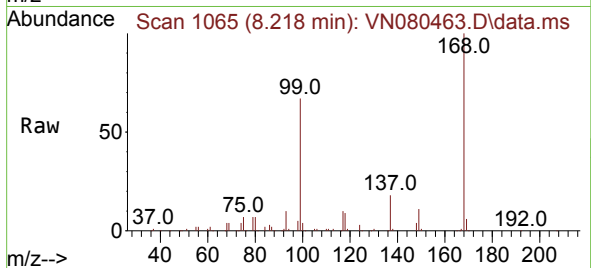
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0



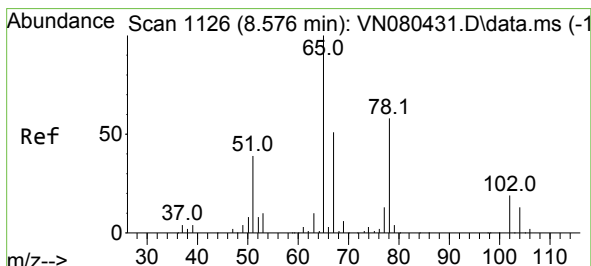
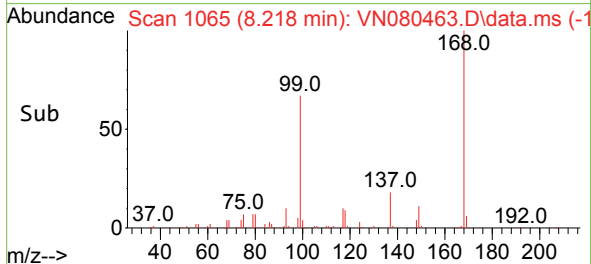
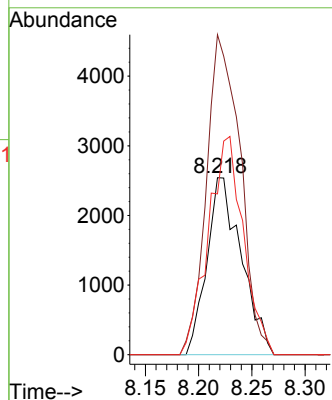


#31
Cyclohexane
Concen: 1.205 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN080463.D
Acq: 13 Dec 2023 15:41

Instrument :
MSVOA_N
ClientSampleId :

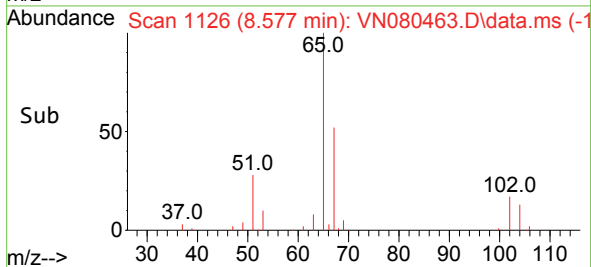
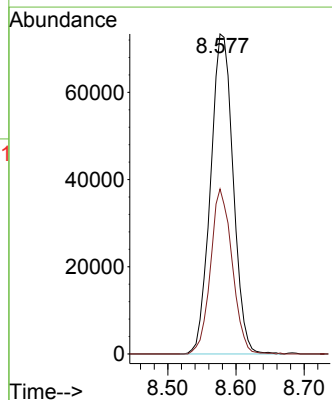
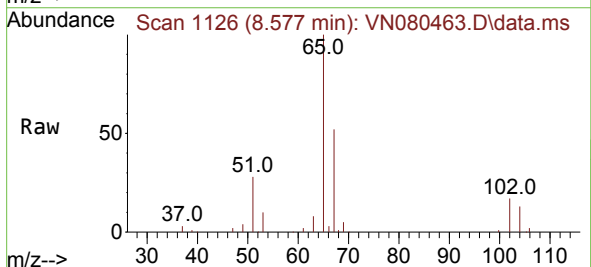


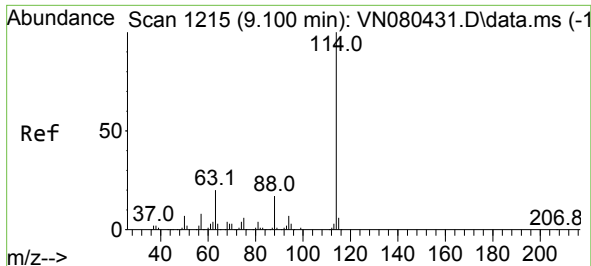
Tgt Ion: 56 Resp: 5735
Ion Ratio Lower Upper
56 100
69 180.8 26.8 40.2#
84 90.8 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 48.409 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080463.D
Acq: 13 Dec 2023 15:41

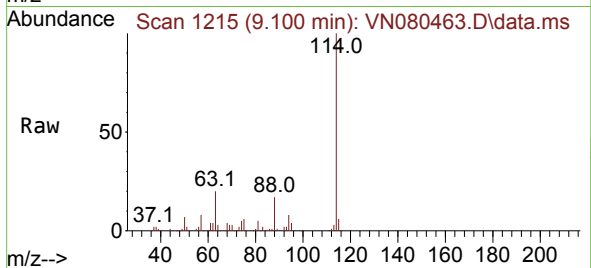
Tgt Ion: 65 Resp: 169416
Ion Ratio Lower Upper
65 100
67 49.3 0.0 106.6



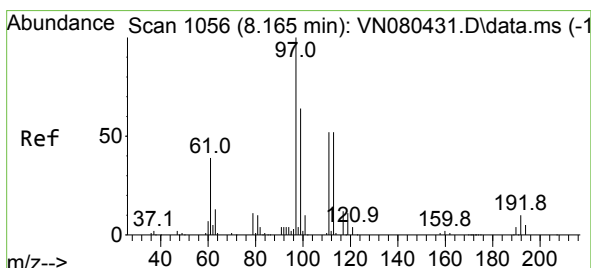
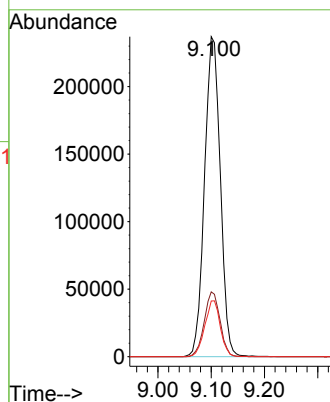
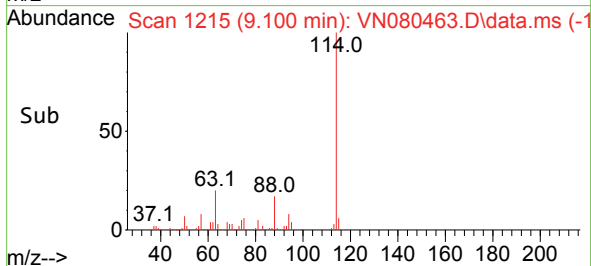


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080463.D
Acq: 13 Dec 2023 15:41

Instrument :
MSVOA_N
ClientSampleId :

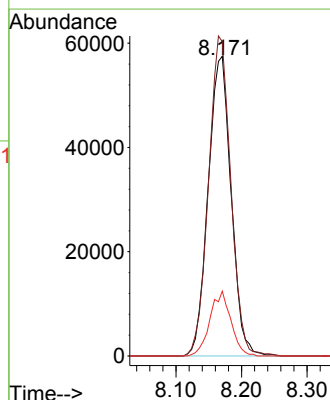
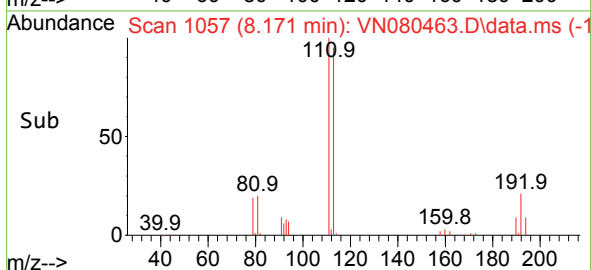
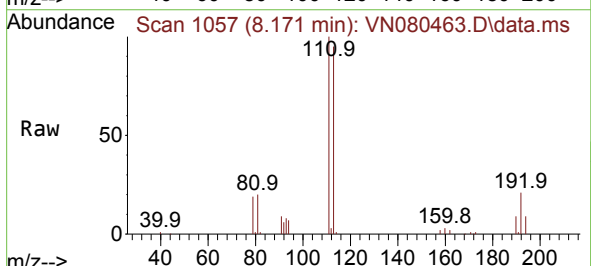


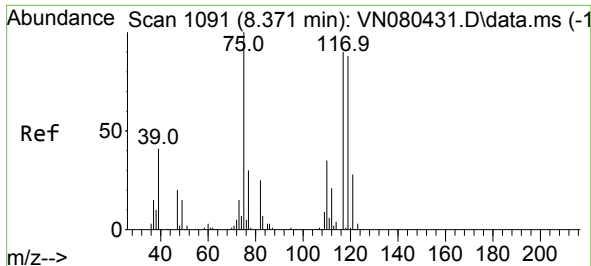
Tgt Ion:114 Resp: 486785
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.4
88 17.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.276 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080463.D
Acq: 13 Dec 2023 15:41

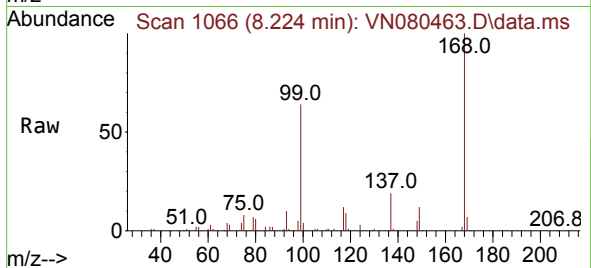
Tgt Ion:113 Resp: 139740
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.8 12.7 19.1#



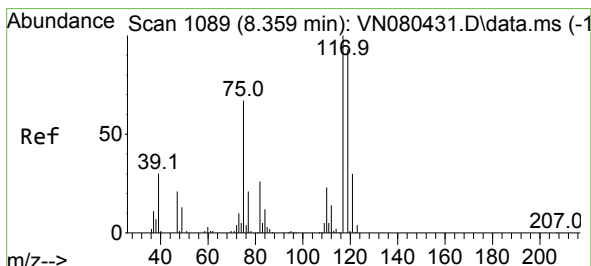
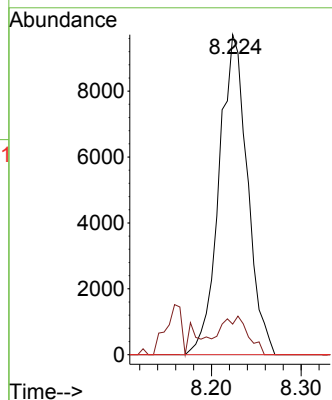
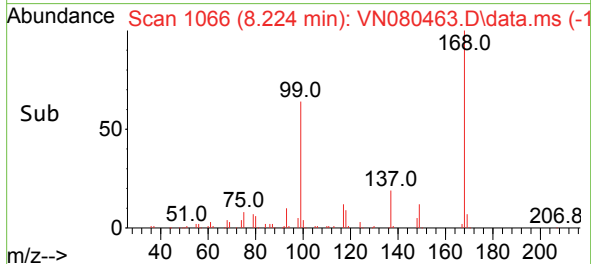


#36
1,1-Dichloropropene
Concen: 4.220 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080463.D
Acq: 13 Dec 2023 15:41

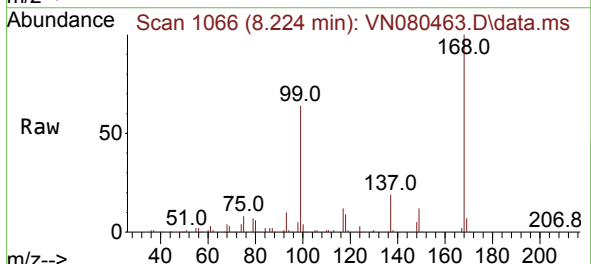
Instrument :
MSVOA_N
ClientSampleId :



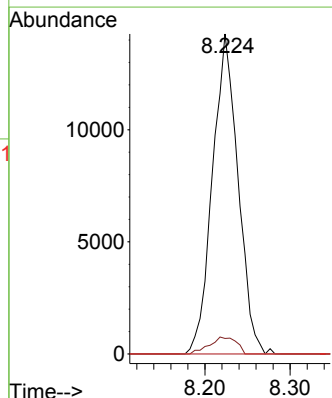
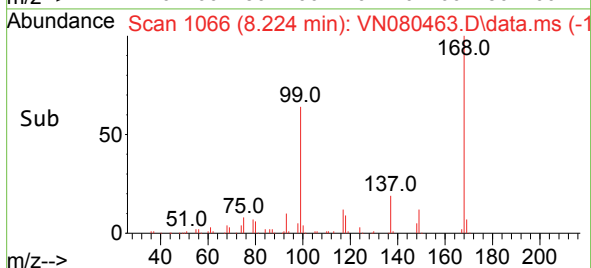
Tgt Ion: 75 Resp: 21296
Ion Ratio Lower Upper
75 100
110 11.4 19.1 57.3#
77 0.0 25.0 37.4#

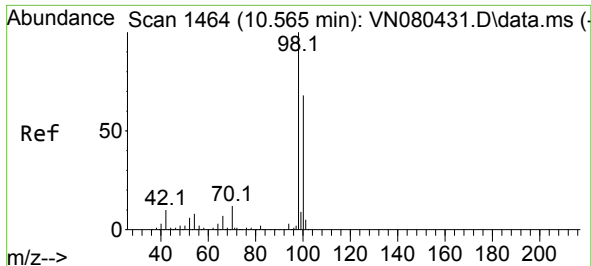


#38
Carbon Tetrachloride
Concen: 4.945 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080463.D
Acq: 13 Dec 2023 15:41



Tgt Ion: 117 Resp: 29820
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 23.3 34.9#

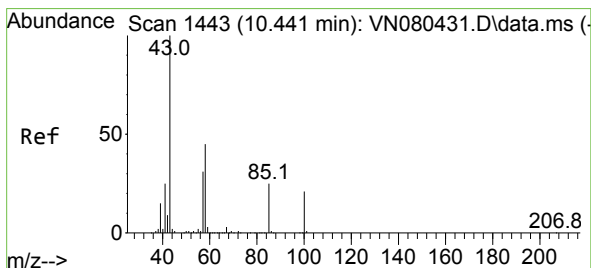
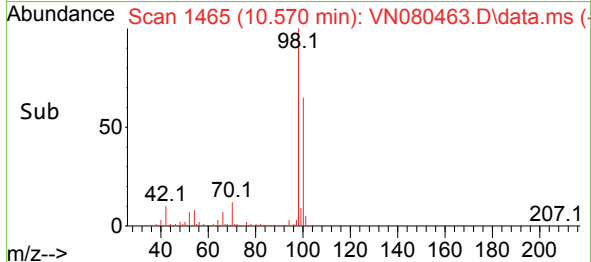
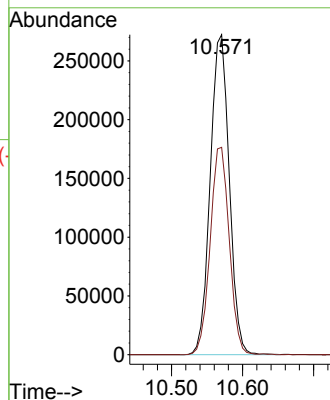
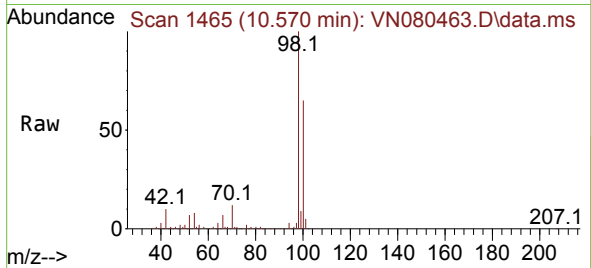




#50
Toluene-d8
Concen: 43.949 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080463.D
Acq: 13 Dec 2023 15:41

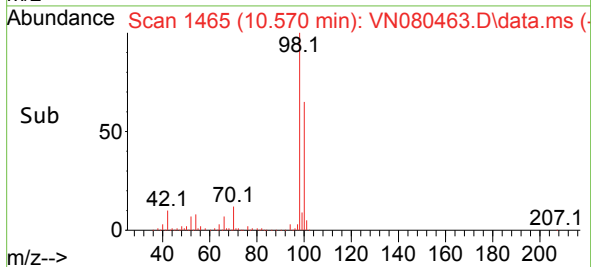
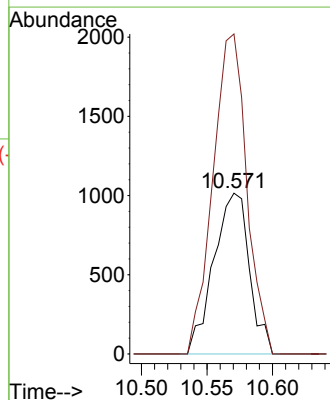
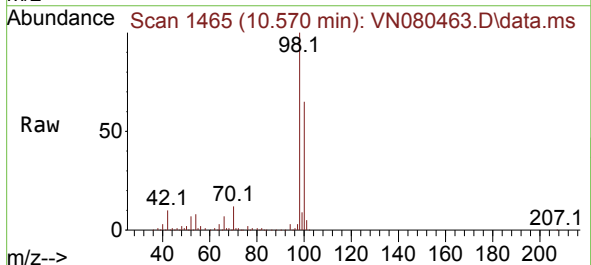
Instrument :
MSVOA_N
ClientSampleId :

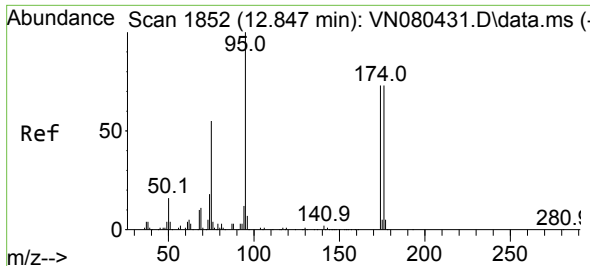
Tgt Ion: 98 Resp: 505883
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.612 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN080463.D
Acq: 13 Dec 2023 15:41

Tgt Ion: 43 Resp: 1916
Ion Ratio Lower Upper
43 100
58 189.2 36.6 54.8#

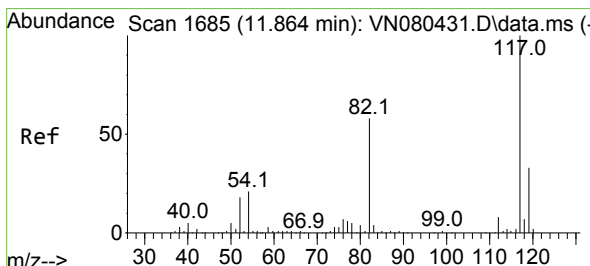
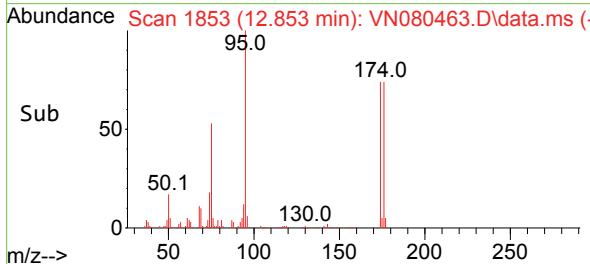
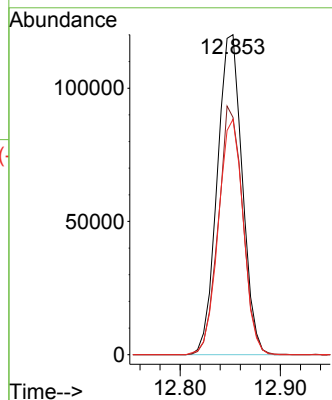
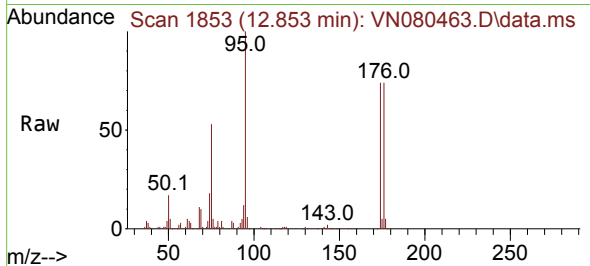




#62
4-Bromofluorobenzene
Concen: 47.630 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080463.D
Acq: 13 Dec 2023 15:41

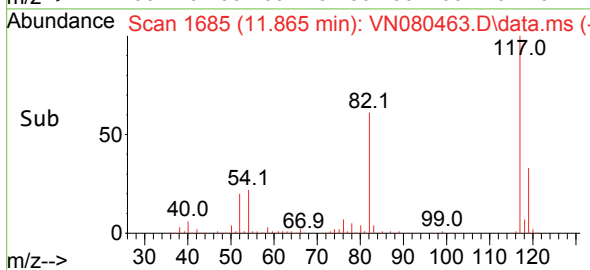
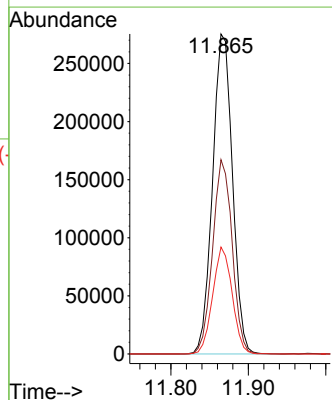
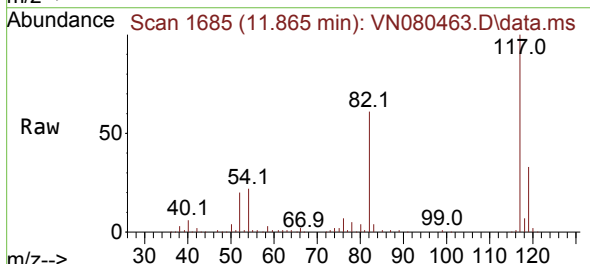
Instrument :
MSVOA_N
ClientSampleId :

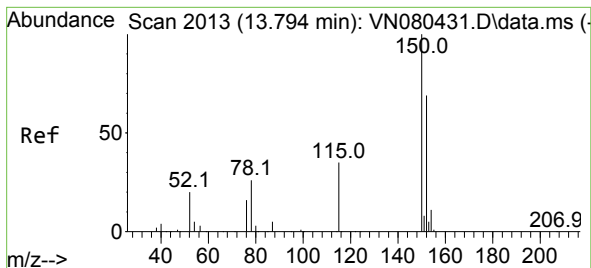
Tgt Ion: 95 Resp: 208185
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 73.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080463.D
Acq: 13 Dec 2023 15:41

Tgt Ion: 117 Resp: 490938
Ion Ratio Lower Upper
117 100
82 60.7 44.0 66.0
119 33.4 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

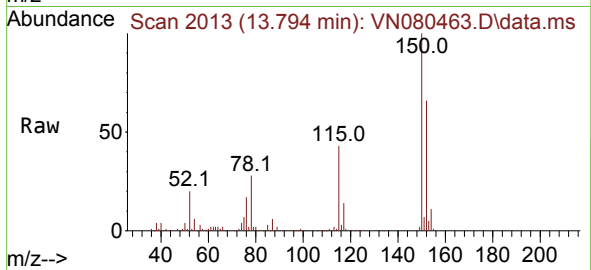
Lab File: VN080463.D

Acq: 13 Dec 2023 15:41

Instrument :

MSVOA_N

ClientSampleId :



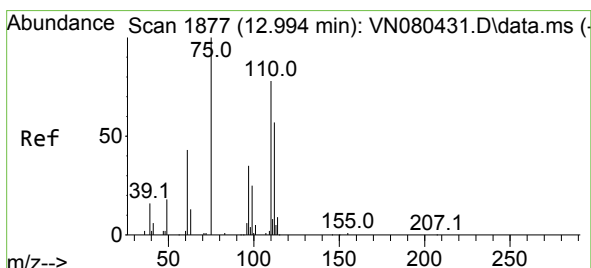
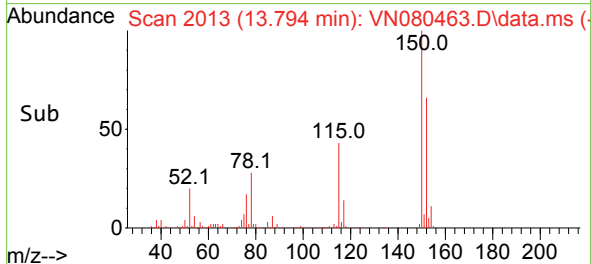
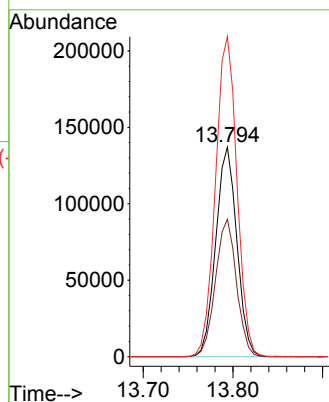
Tgt Ion:152 Resp: 223819

Ion Ratio Lower Upper

152 100

115 65.4 32.3 96.8

150 155.1 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 25.372 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080463.D

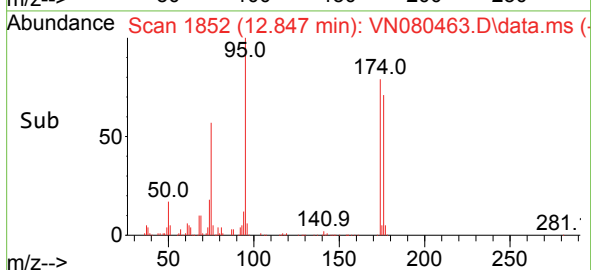
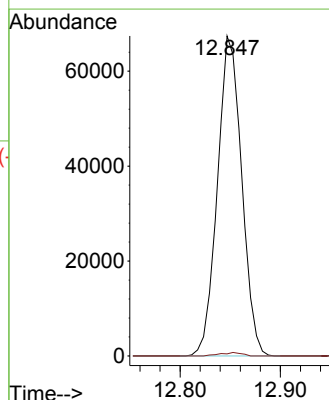
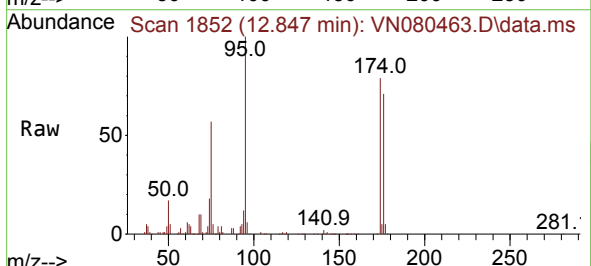
Acq: 13 Dec 2023 15:41

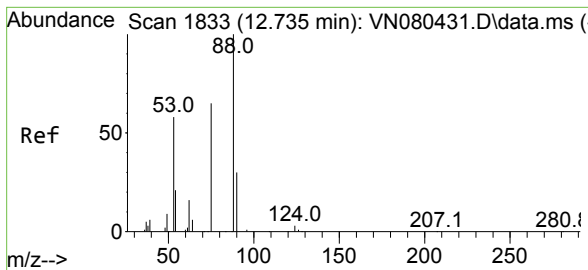
Tgt Ion: 75 Resp: 113290

Ion Ratio Lower Upper

75 100

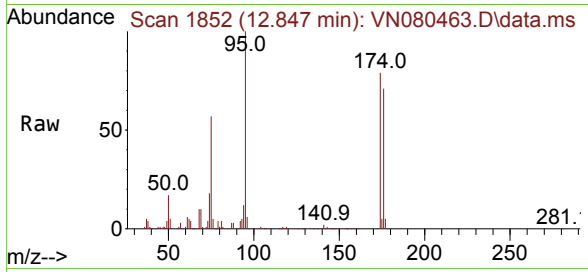
77 1.0 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.617 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080463.D
 Acq: 13 Dec 2023 15:41

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 113290
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

