

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082226.D
 Acq On : 20 May 2024 21:48
 Operator : JC\MD
 Sample : P2537-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 451

Quant Time: May 21 03:55:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

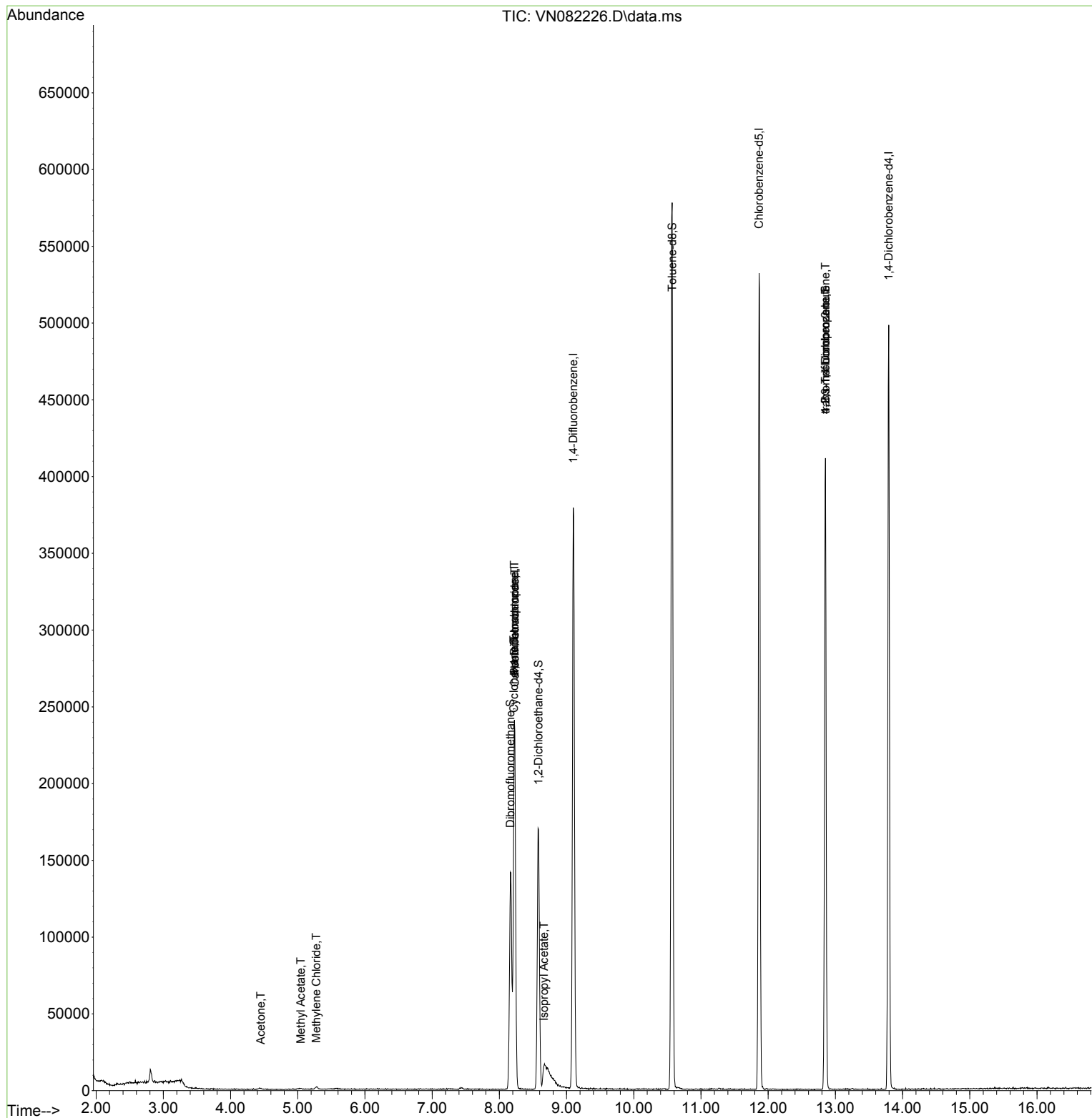
Internal Standards						
1) Pentafluorobenzene	8.224	168	167968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	142244	53.631	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.260%	
35) Dibromofluoromethane	8.165	113	99140	52.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.900%	
50) Toluene-d8	10.570	98	383681	53.450	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.900%	
62) 4-Bromofluorobenzene	12.853	95	129913	50.705	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.420%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	2026	1.862	ug/l #	43
18) Methyl Acetate	5.047	43	1145	0.423	ug/l #	47
20) Methylene Chloride	5.277	84	920	0.419	ug/l #	68
31) Cyclohexane	8.218	56	4937	1.165	ug/l #	46
36) 1,1-Dichloropropene	8.224	75	16010	5.098	ug/l #	48
38) Carbon Tetrachloride	8.229	117	18477	5.804	ug/l #	18
43) Isopropyl Acetate	8.665	43	17596	2.826	ug/l #	52
76) 1,2,3-Trichloropropane	12.853	75	76938	30.073	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	76938	70.339	ug/l #	12

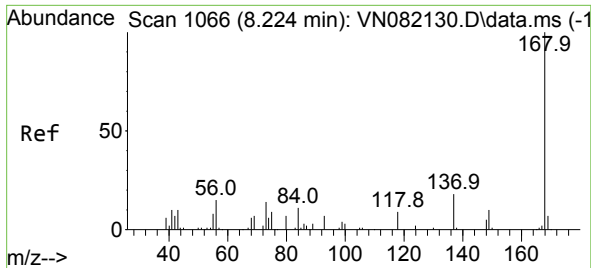
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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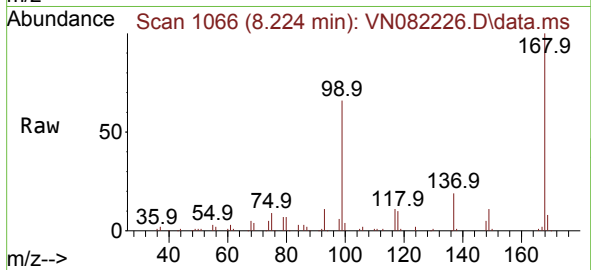
Quant Time: May 21 03:55:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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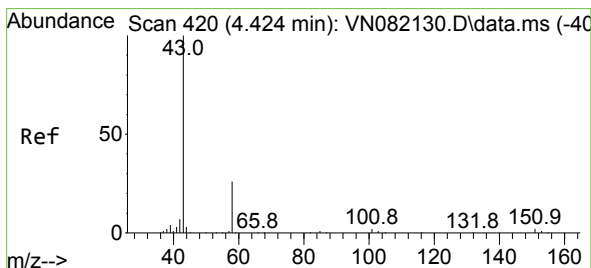
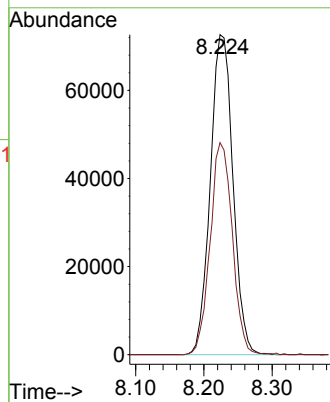
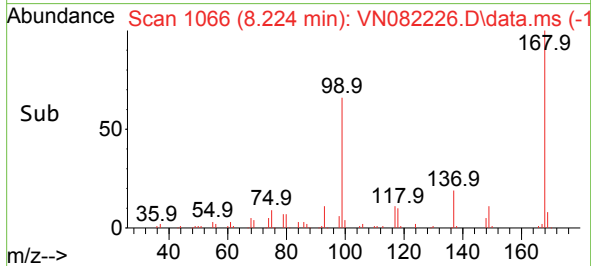


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082226.D
Acq: 20 May 2024 21:48

Instrument :
MSVOA_N
ClientSampleId :
451

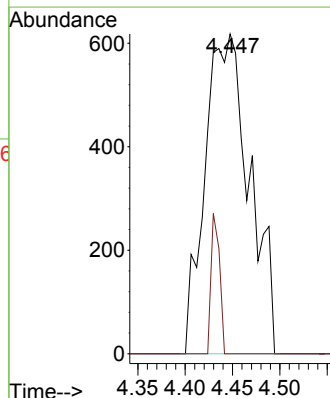
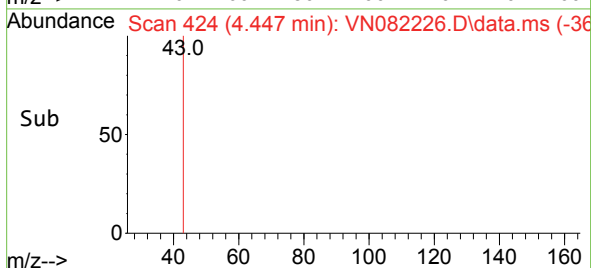
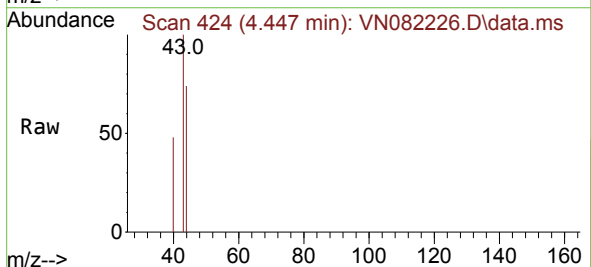


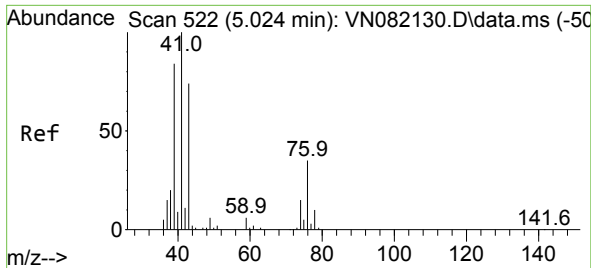
Tgt Ion:168 Resp: 167968
Ion Ratio Lower Upper
168 100
99 66.3 48.2 72.4



#16
Acetone
Concen: 1.862 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN082226.D
Acq: 20 May 2024 21:48

Tgt Ion: 43 Resp: 2026
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#





#18

Methyl Acetate

Concen: 0.423 ug/l

RT: 5.047 min Scan# 51

Delta R.T. 0.023 min

Lab File: VN082226.D

Acq: 20 May 2024 21:48

Instrument :

MSVOA_N

ClientSampleId :

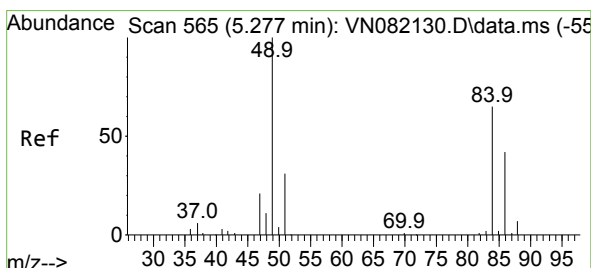
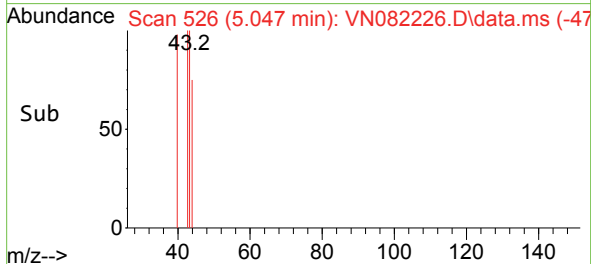
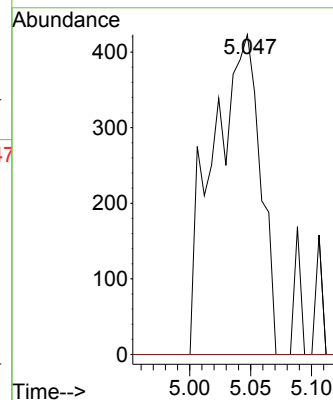
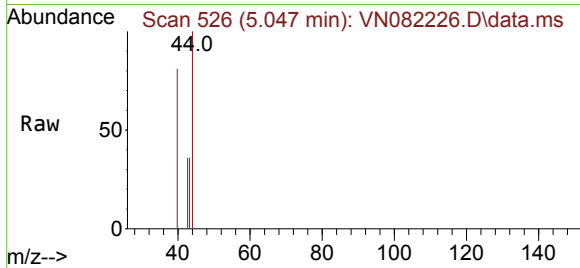
451

Tgt Ion: 43 Resp: 1145

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.2#



#20

Methylene Chloride

Concen: 0.419 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN082226.D

Acq: 20 May 2024 21:48

Tgt Ion: 84 Resp: 920

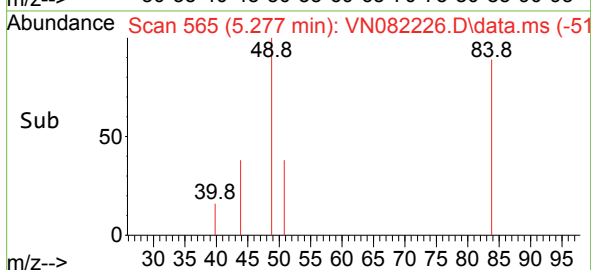
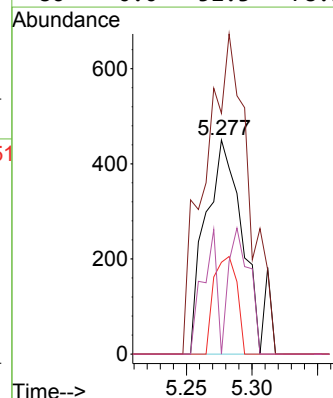
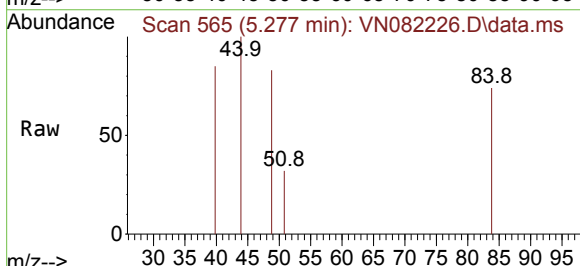
Ion Ratio Lower Upper

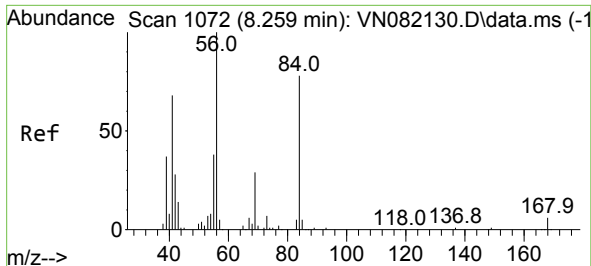
84 100

49 112.4 84.9 127.3

51 42.9 27.0 40.6#

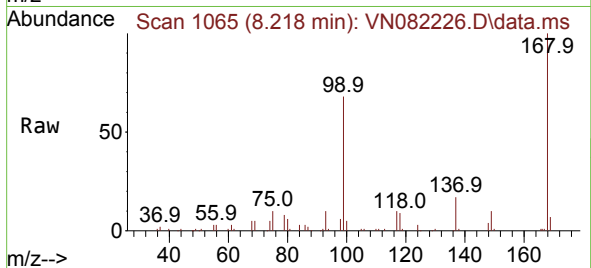
86 0.0 52.3 78.5#



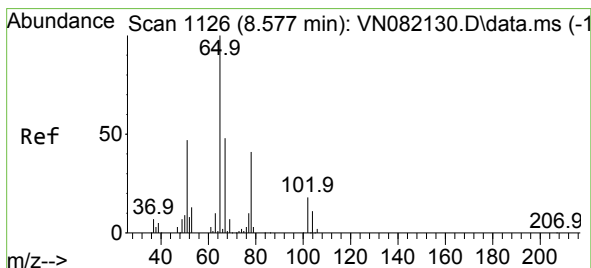
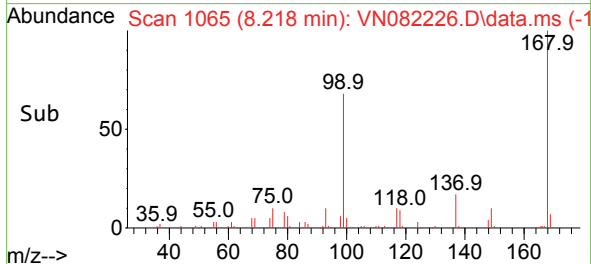
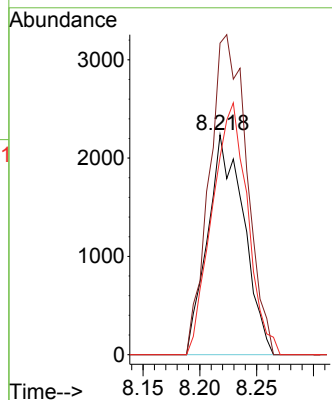


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082226.D
Acq: 20 May 2024 21:48

Instrument :
MSVOA_N
ClientSampleId :
451

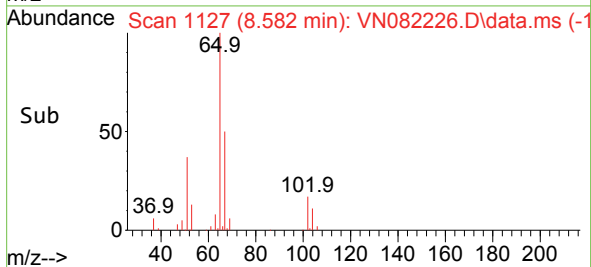
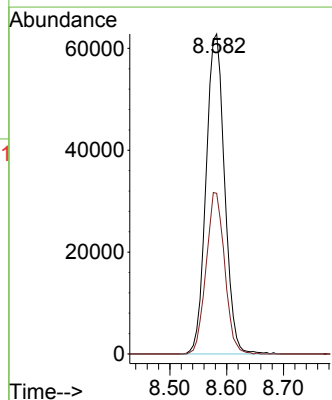
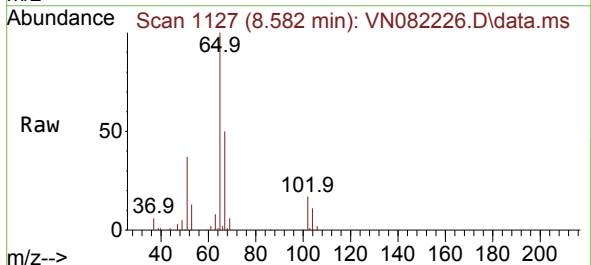


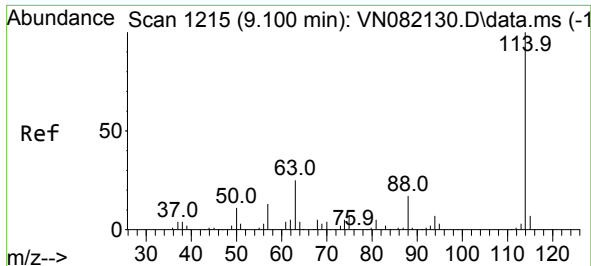
Tgt Ion: 56 Resp: 4937
Ion Ratio Lower Upper
56 100
69 141.7 24.4 36.6#
84 89.9 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 53.631 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082226.D
Acq: 20 May 2024 21:48

Tgt Ion: 65 Resp: 142244
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082226.D

Acq: 20 May 2024 21:48

Instrument :

MSVOA_N

ClientSampleId :

451

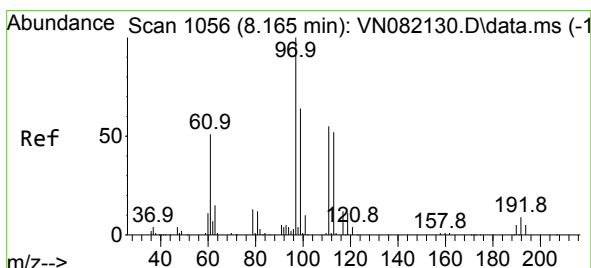
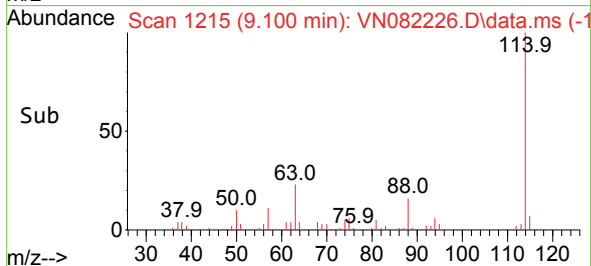
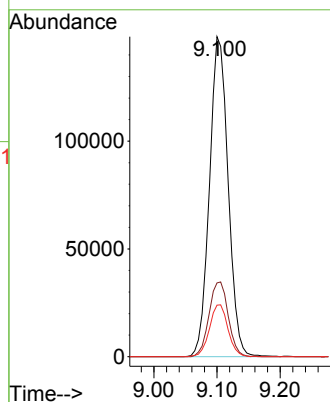
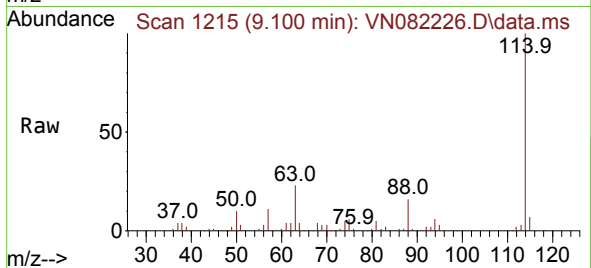
Tgt Ion:114 Resp: 304367

Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.950 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082226.D

Acq: 20 May 2024 21:48

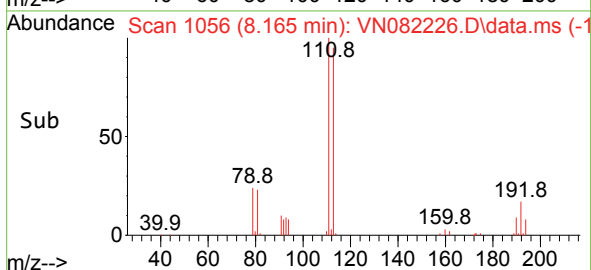
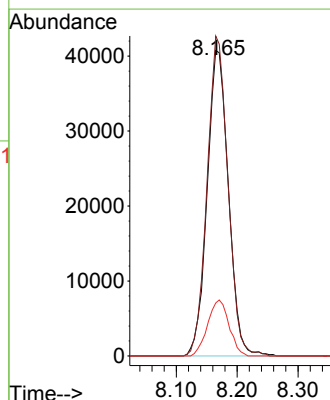
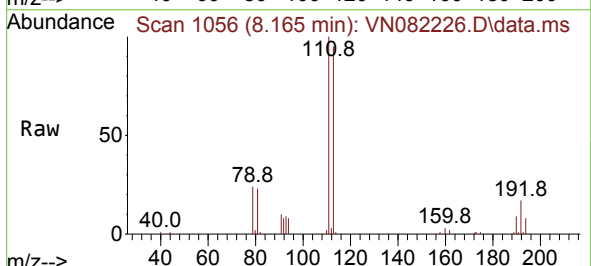
Tgt Ion:113 Resp: 99140

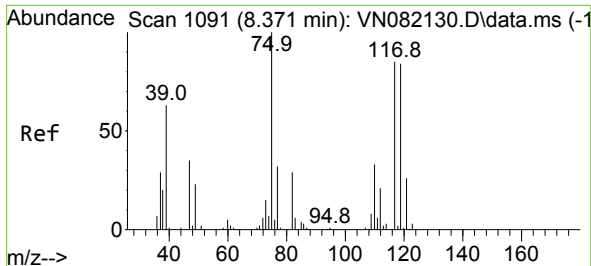
Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 18.3 14.0 21.0

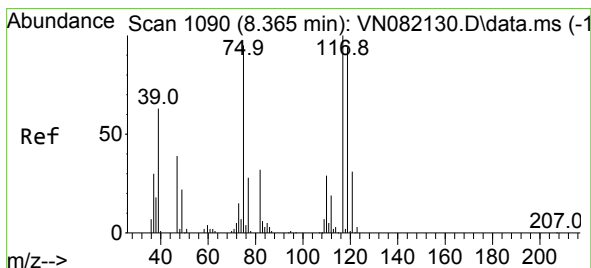
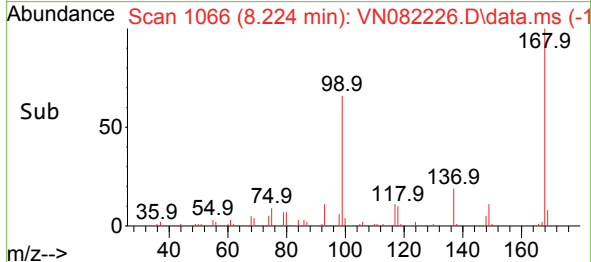
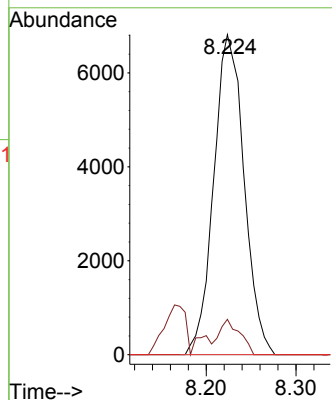
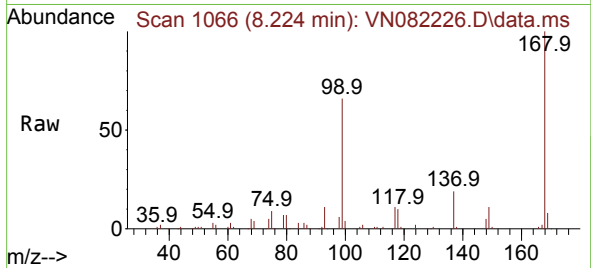




#36
1,1-Dichloropropene
Concen: 5.098 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082226.D
Acq: 20 May 2024 21:48

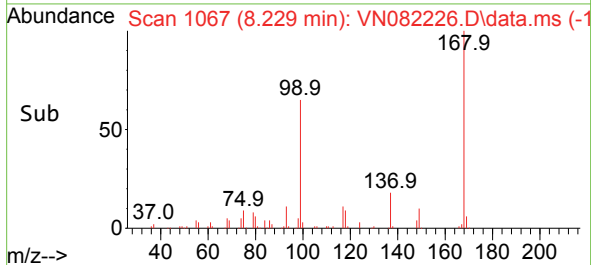
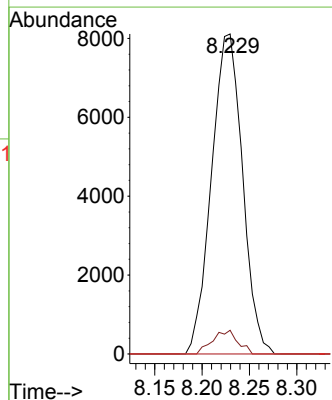
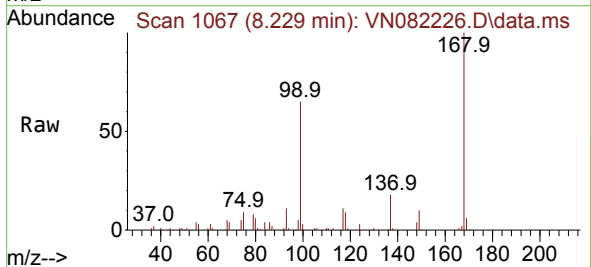
Instrument :
MSVOA_N
ClientSampleId :
451

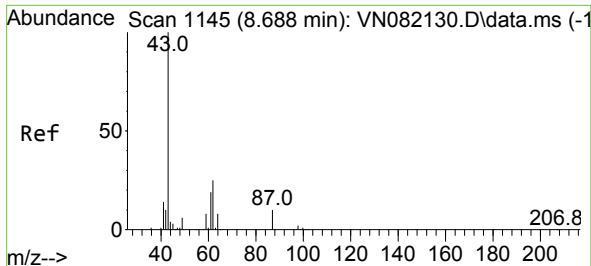
Tgt Ion: 75 Resp: 16010
Ion Ratio Lower Upper
75 100
110 7.5 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082226.D
Acq: 20 May 2024 21:48

Tgt Ion: 117 Resp: 18477
Ion Ratio Lower Upper
117 100
119 7.4 76.5 114.7#
121 0.0 23.9 35.9#

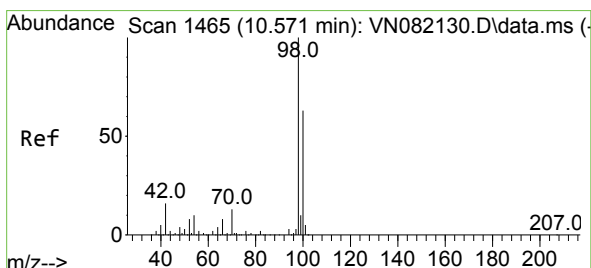
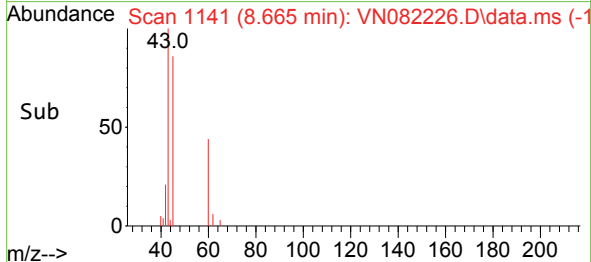
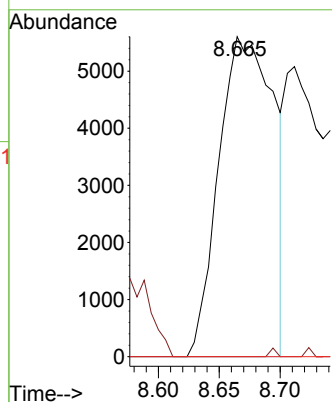
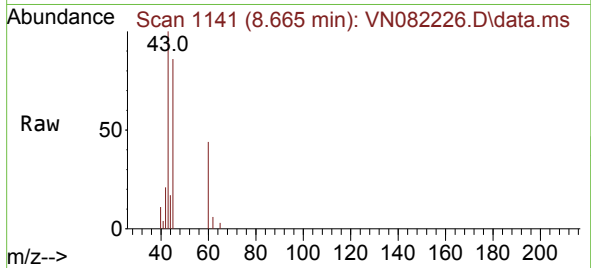




#43
Isopropyl Acetate
Concen: 2.826 ug/l
RT: 8.665 min Scan# 1145
Delta R.T. -0.024 min
Lab File: VN082226.D
Acq: 20 May 2024 21:48

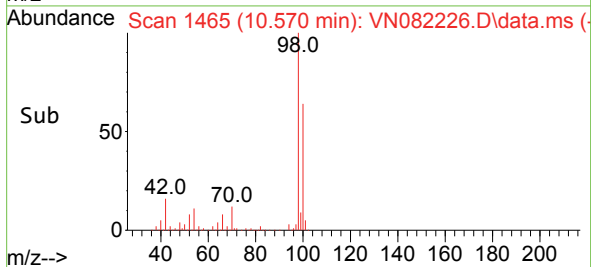
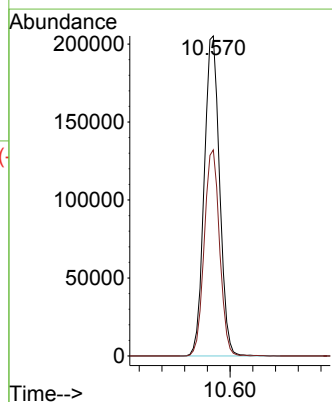
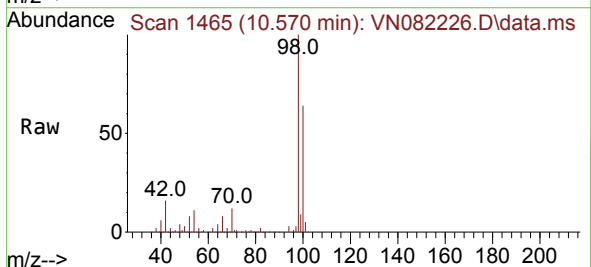
Instrument :
MSVOA_N
ClientSampleId :
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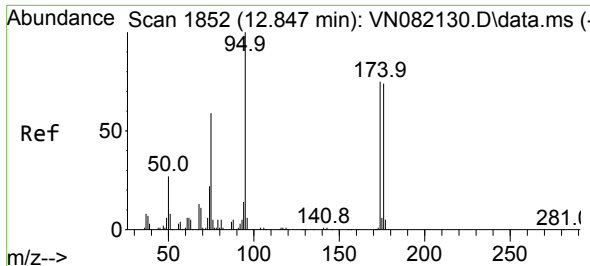
Tgt Ion: 43 Resp: 17596
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 53.450 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082226.D
Acq: 20 May 2024 21:48

Tgt Ion: 98 Resp: 383681
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

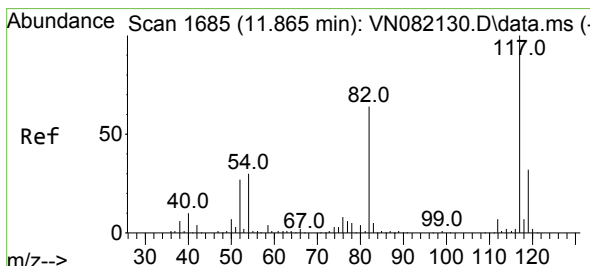
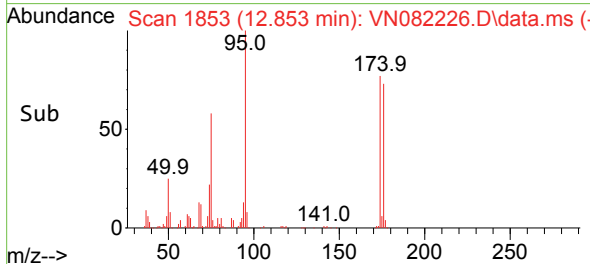
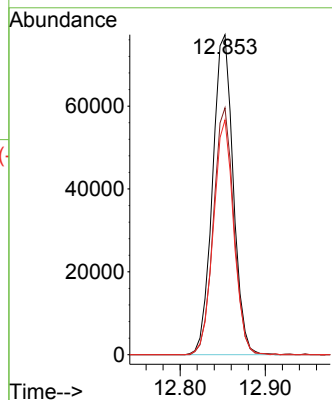
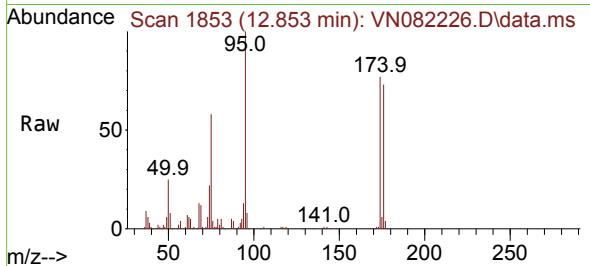




#62
4-Bromofluorobenzene
Concen: 50.705 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082226.D
Acq: 20 May 2024 21:48

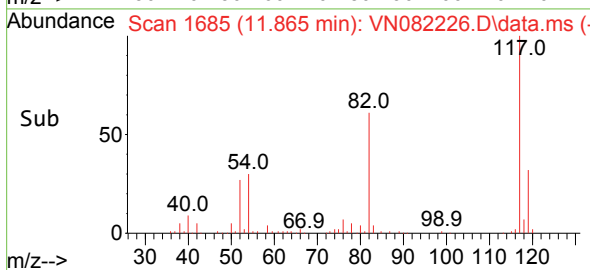
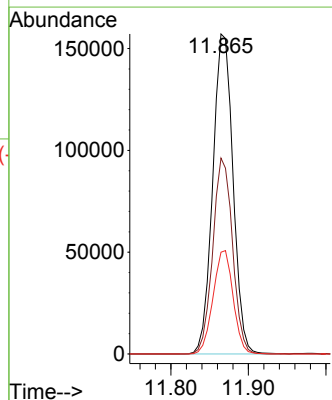
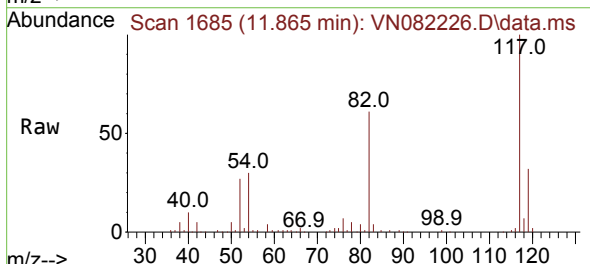
Instrument :
MSVOA_N
ClientSampleId :
451

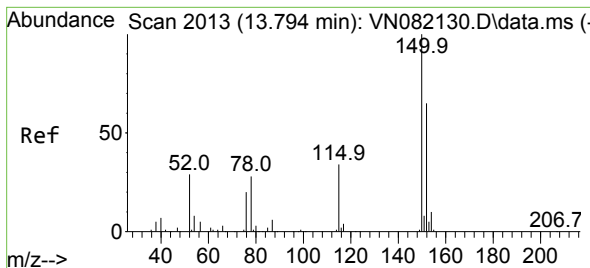
Tgt Ion: 95 Resp: 129913
Ion Ratio Lower Upper
95 100
174 76.2 0.0 160.6
176 72.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082226.D
Acq: 20 May 2024 21:48

Tgt Ion: 117 Resp: 285362
Ion Ratio Lower Upper
117 100
82 61.2 44.6 66.8
119 31.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082226.D

Acq: 20 May 2024 21:48

Instrument :

MSVOA_N

ClientSampleId :

451

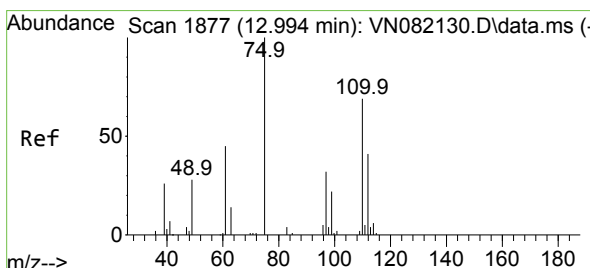
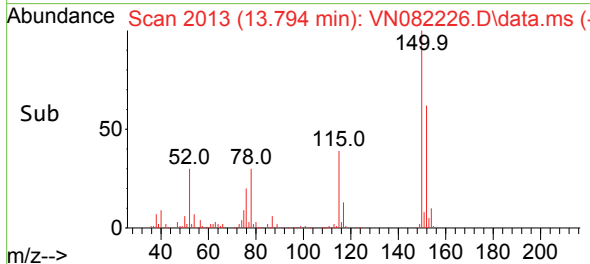
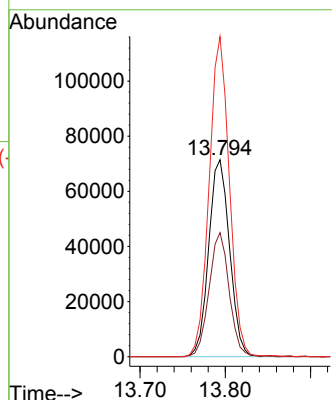
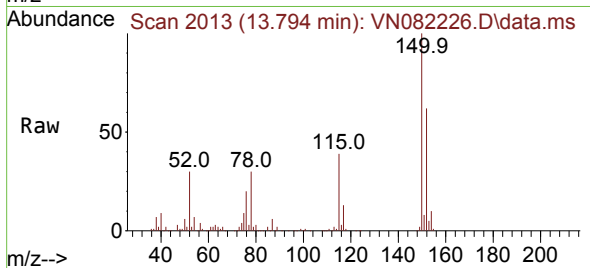
Tgt Ion:152 Resp: 121553

Ion Ratio Lower Upper

152 100

115 60.5 30.4 91.3

150 157.5 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 30.073 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082226.D

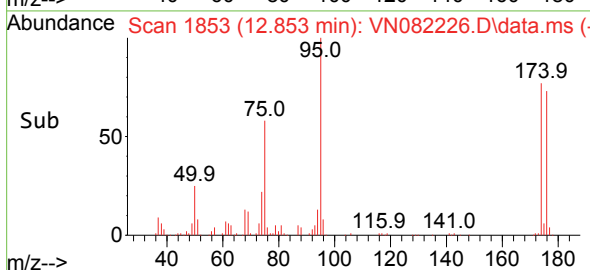
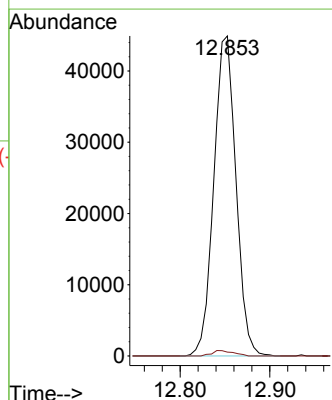
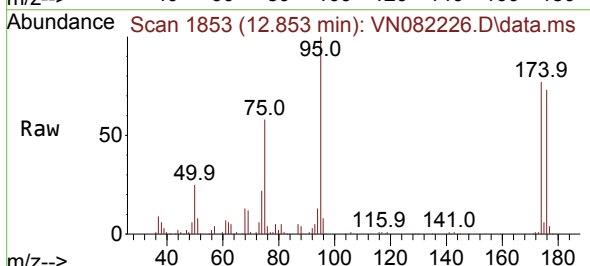
Acq: 20 May 2024 21:48

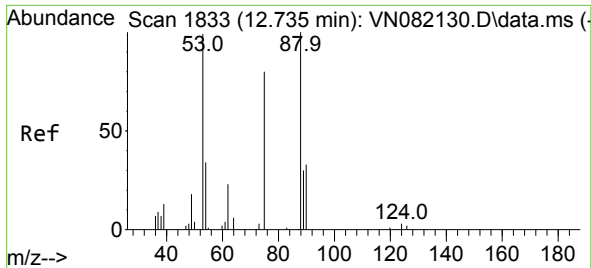
Tgt Ion: 75 Resp: 76938

Ion Ratio Lower Upper

75 100

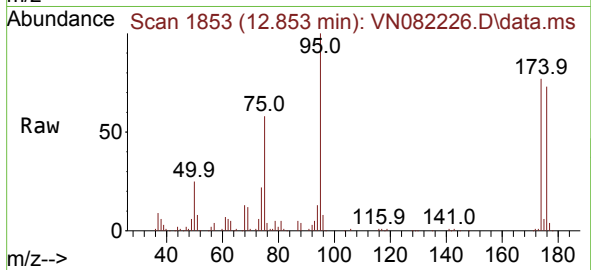
77 1.6 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.339 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.117 min
 Lab File: VN082226.D
 Acq: 20 May 2024 21:48

Instrument :
 MSVOA_N
 ClientSampleId :
 451



Tgt Ion: 75 Resp: 76938
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

