

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082491.D
 Acq On : 07 Jun 2024 14:36
 Operator : JC\MD
 Sample : P2772-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 08 00:58:15 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)

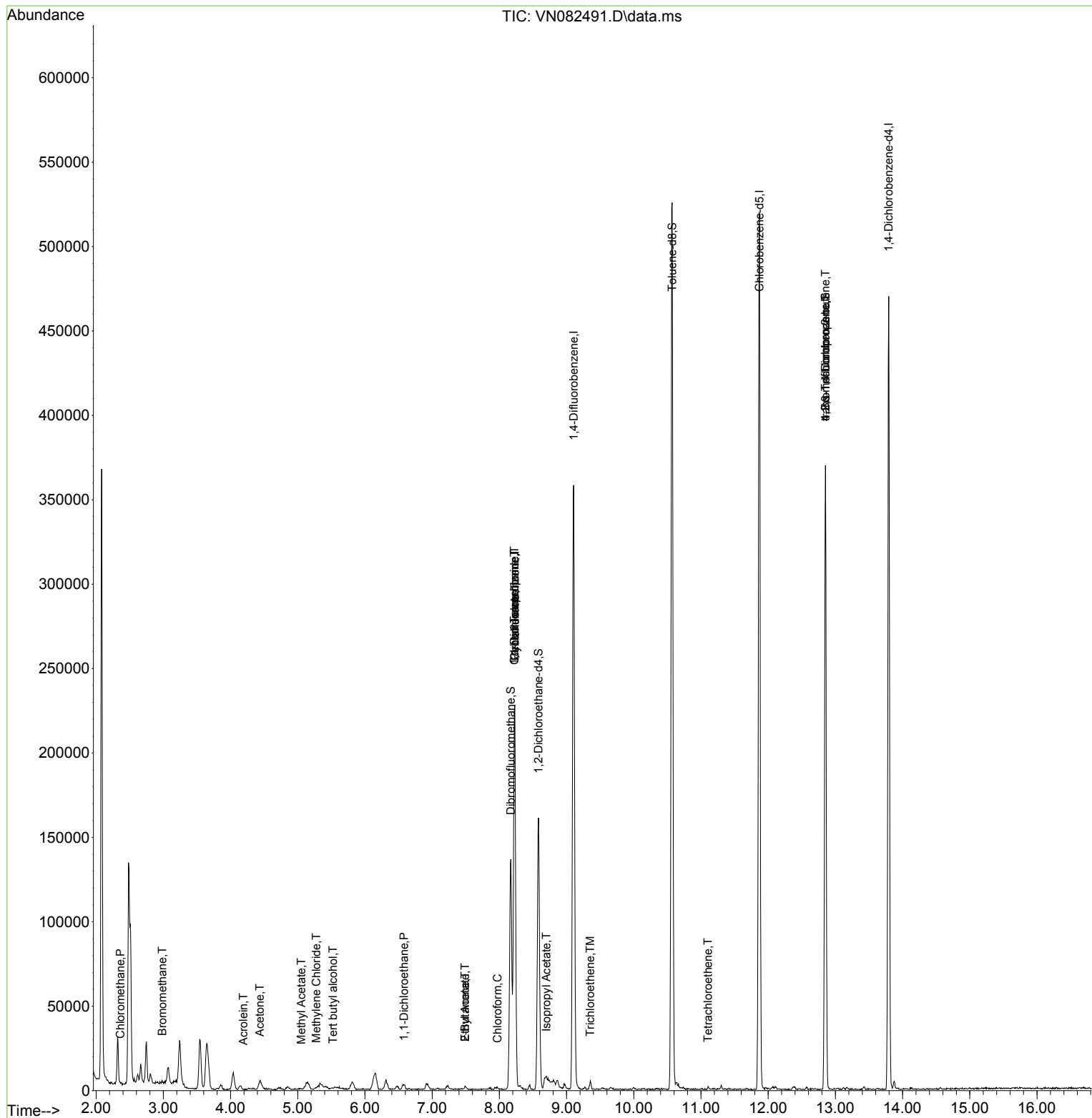
Internal Standards						
1) Pentafluorobenzene	8.229	168	157401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	278846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	131120	52.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.520%	
35) Dibromofluoromethane	8.171	113	94581	53.412	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.820%	
50) Toluene-d8	10.570	98	351761	51.813	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	12.853	95	116766	48.187	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1014	0.394	ug/l	90
5) Bromomethane	2.983	94	362	0.260	ug/l #	29
11) Tert butyl alcohol	5.524	59	522	1.308	ug/l #	71
13) Acrolein	4.189	56	188	0.636	ug/l #	15
16) Acetone	4.436	43	10154	9.959	ug/l #	81
18) Methyl Acetate	5.053	43	510	0.201	ug/l #	47
20) Methylene Chloride	5.277	84	470	0.228	ug/l #	54
24) 1,1-Dichloroethane	6.583	63	2707	0.683	ug/l #	81
25) 2-Butanone	7.488	43	3140	2.031	ug/l #	84
30) Chloroform	7.971	83	862	0.228	ug/l #	75
31) Cyclohexane	8.229	56	4994	1.258	ug/l #	53
36) 1,1-Dichloropropene	8.224	75	14670	4.940	ug/l #	50
37) Ethyl Acetate	7.488	43	3140	0.945	ug/l #	68
38) Carbon Tetrachloride	8.224	117	17118	5.686	ug/l #	19
43) Isopropyl Acetate	8.700	43	9001	1.528	ug/l #	52
44) Trichloroethene	9.353	130	1329	0.661	ug/l	65
64) Tetrachloroethene	11.106	164	460	0.223	ug/l #	58
76) 1,2,3-Trichloropropane	12.853	75	67897	27.606	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	67897	64.569	ug/l #	13

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

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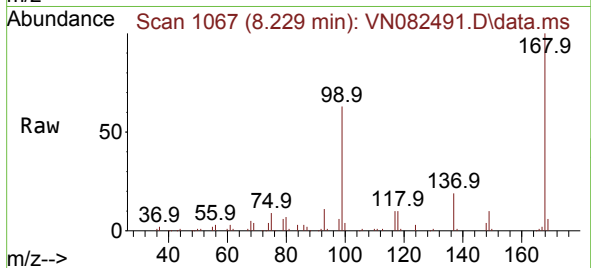
Quant Time: Jun 08 00:58:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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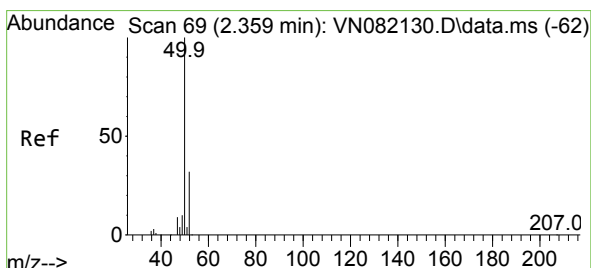
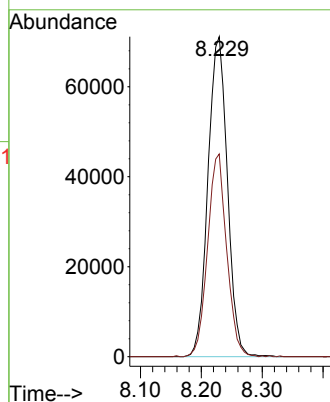
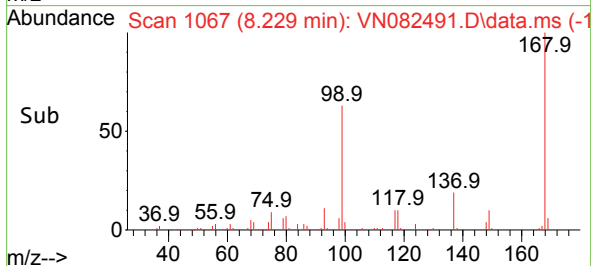


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

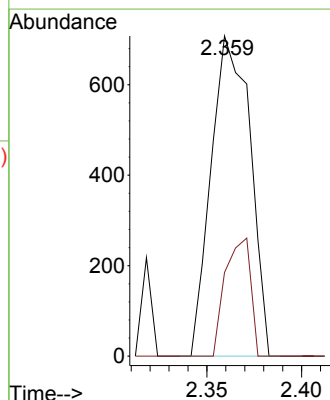
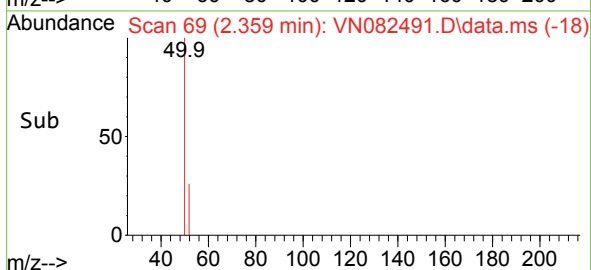
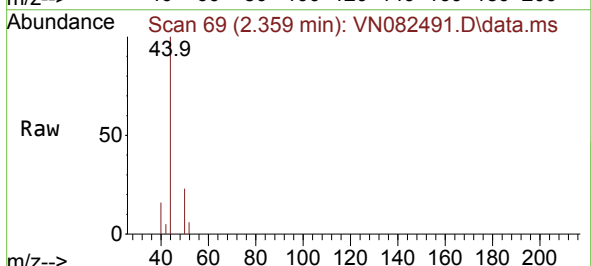


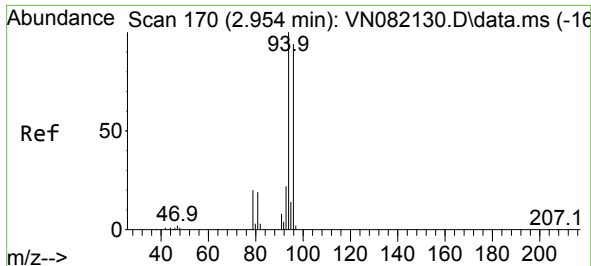
Tgt Ion:168 Resp: 157401
Ion Ratio Lower Upper
168 100
99 63.4 48.2 72.4



#3
Chloromethane
Concen: 0.394 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

Tgt Ion: 50 Resp: 1014
Ion Ratio Lower Upper
50 100
52 26.1 25.5 38.3





#5

Bromomethane

Concen: 0.260 ug/l

RT: 2.983 min Scan# 11

Delta R.T. 0.029 min

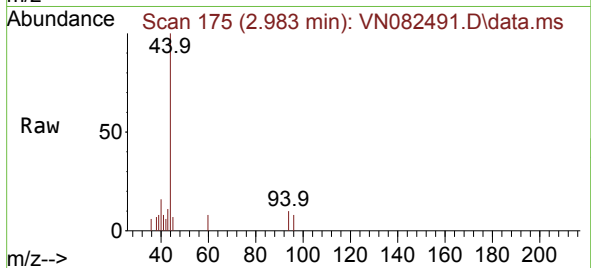
Lab File: VN082491.D

Acq: 07 Jun 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

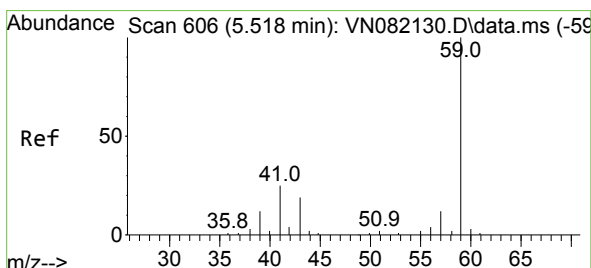
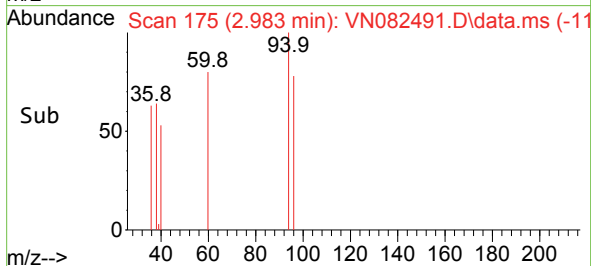
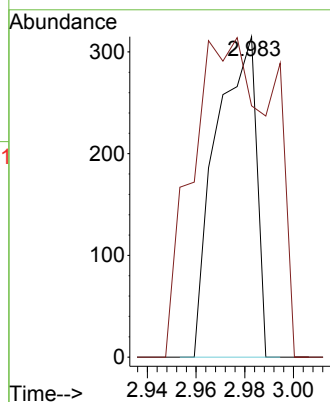


Tgt Ion: 94 Resp: 362

Ion Ratio Lower Upper

94 100

96 25.4 74.8 112.2#



#11

Tert butyl alcohol

Concen: 1.308 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.006 min

Lab File: VN082491.D

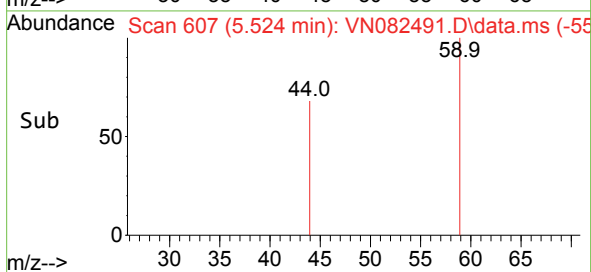
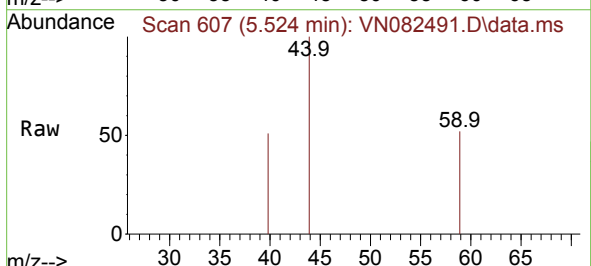
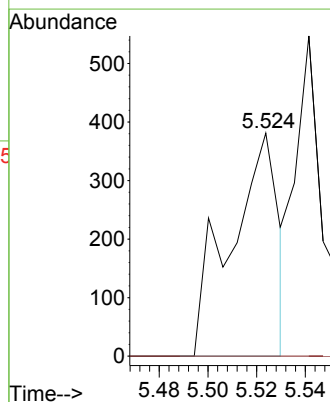
Acq: 07 Jun 2024 14:36

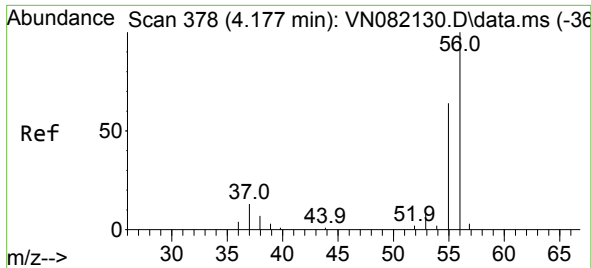
Tgt Ion: 59 Resp: 522

Ion Ratio Lower Upper

59 100

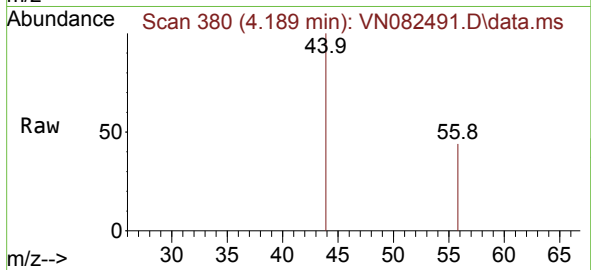
57 0.0 8.9 13.3#



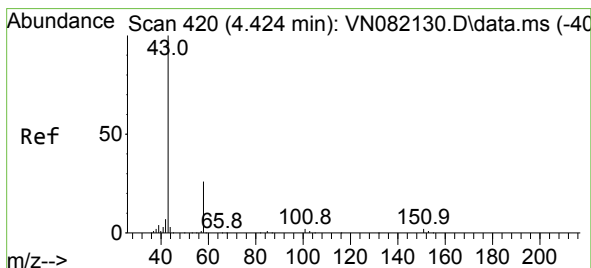
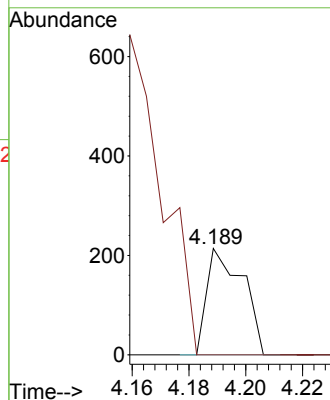


#13
Acrolein
Concen: 0.636 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

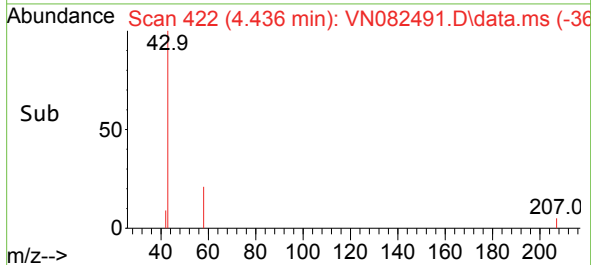
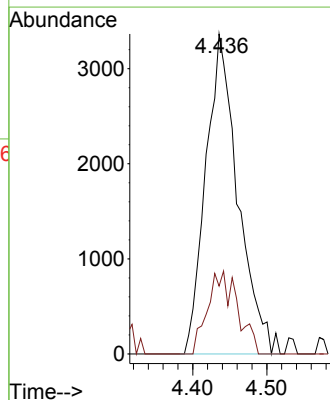
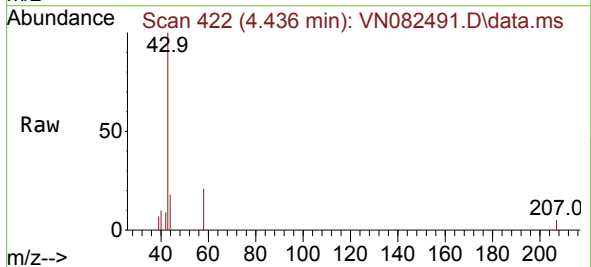


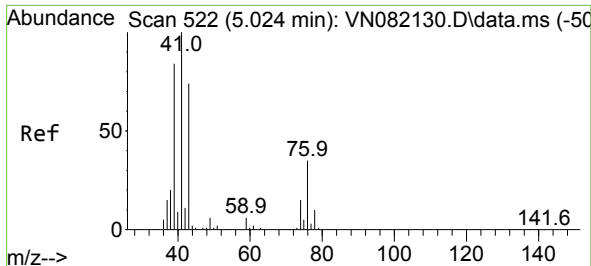
Tgt Ion: 56 Resp: 188
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: 9.959 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

Tgt Ion: 43 Resp: 10154
Ion Ratio Lower Upper
43 100
58 21.2 25.2 37.8#

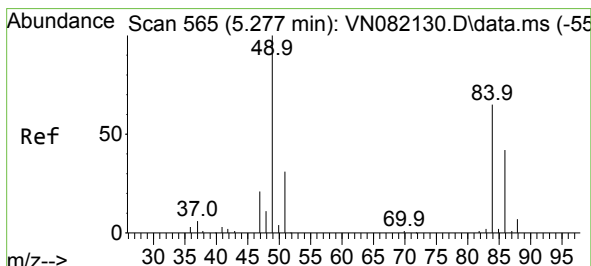
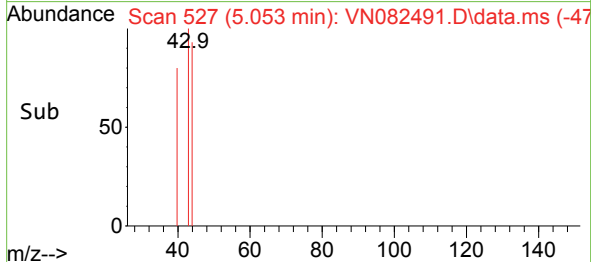
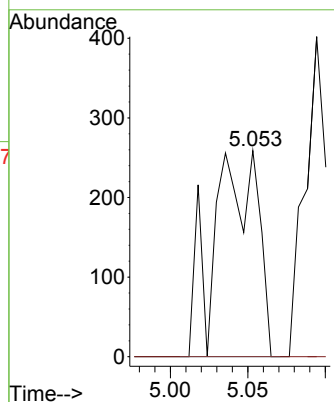
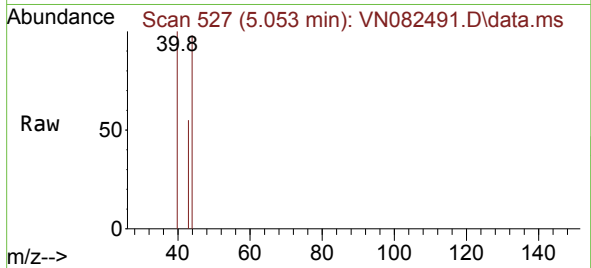




#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.029 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

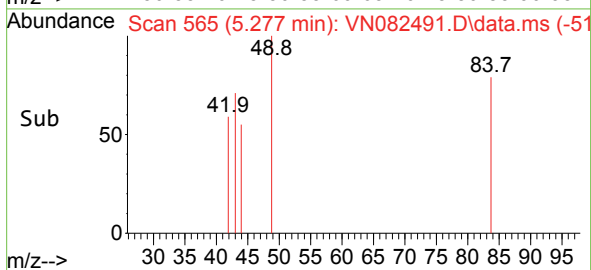
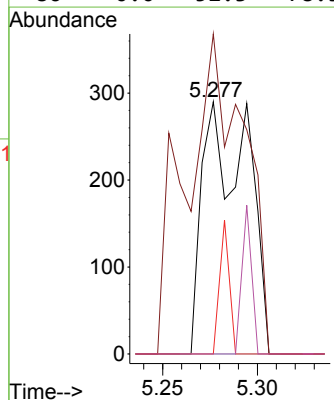
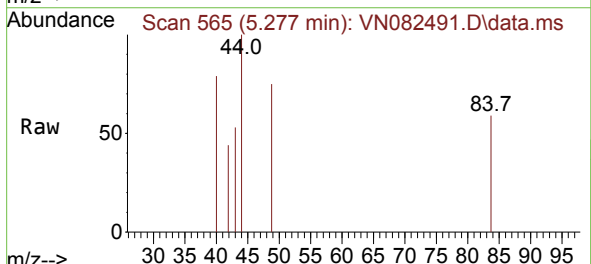
Instrument :
MSVOA_N
ClientSampleId :

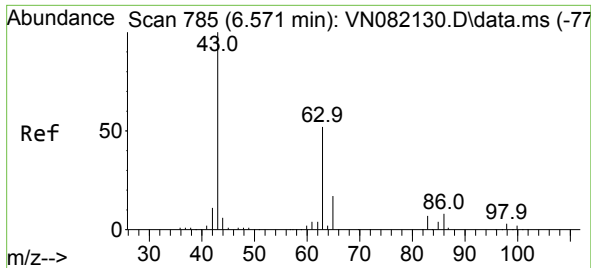
Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#20
Methylene Chloride
Concen: 0.228 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

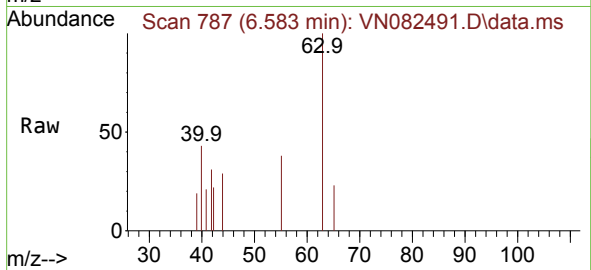
Tgt Ion: 84 Resp: 470
Ion Ratio Lower Upper
84 100
49 126.9 84.9 127.3
51 0.0 27.0 40.6#
86 0.0 52.3 78.5#



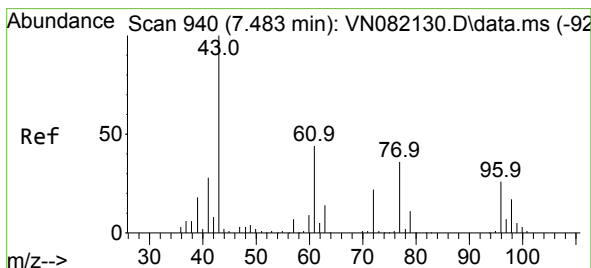
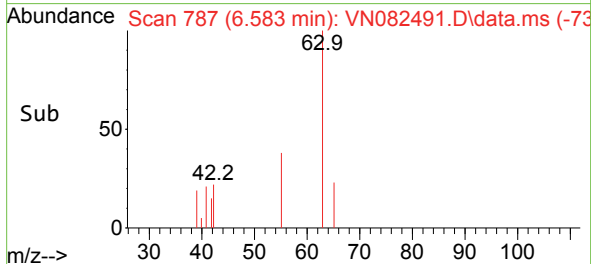
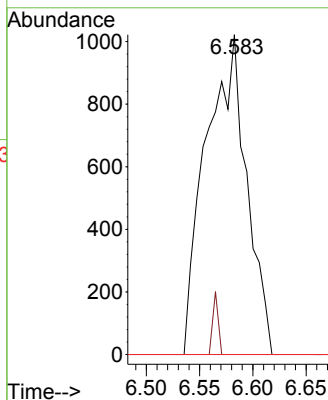


#24
1,1-Dichloroethane
Concen: 0.683 ug/l
RT: 6.583 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

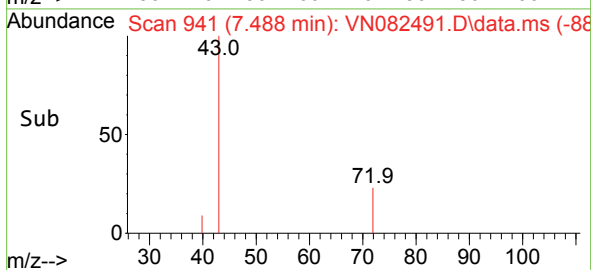
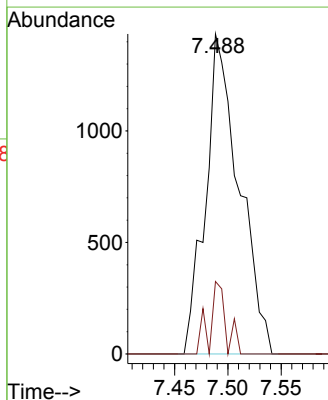
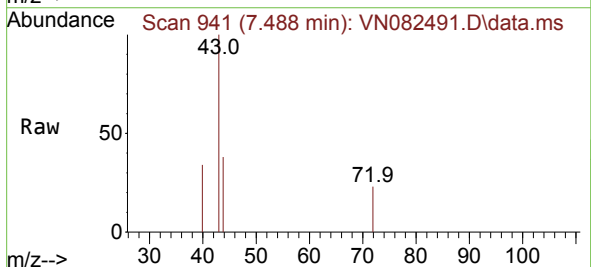


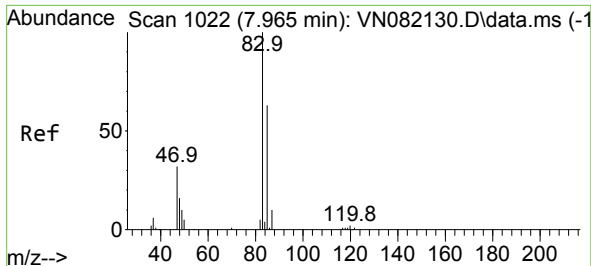
Tgt Ion: 63 Resp: 2707
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.9#
100 0.0 2.6 7.8#



#25
2-Butanone
Concen: 2.031 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

Tgt Ion: 43 Resp: 3140
Ion Ratio Lower Upper
43 100
72 22.6 25.3 37.9#





#30

Chloroform

Concen: 0.228 ug/l

RT: 7.971 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN082491.D

Acq: 07 Jun 2024 14:36

Instrument :

MSVOA_N

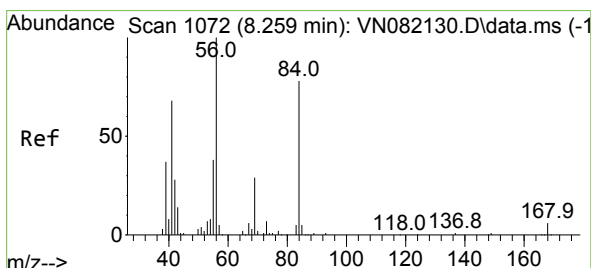
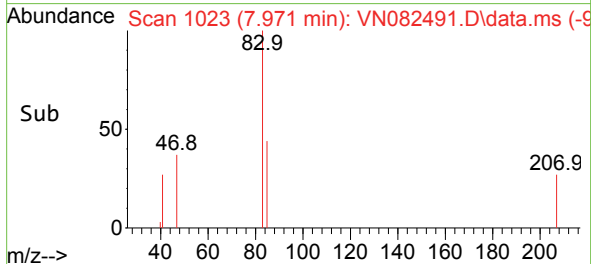
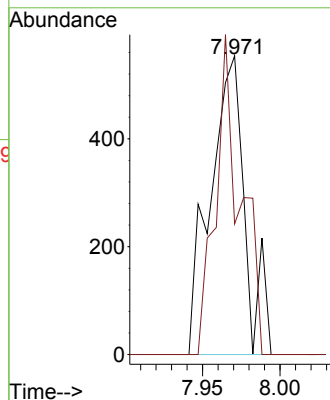
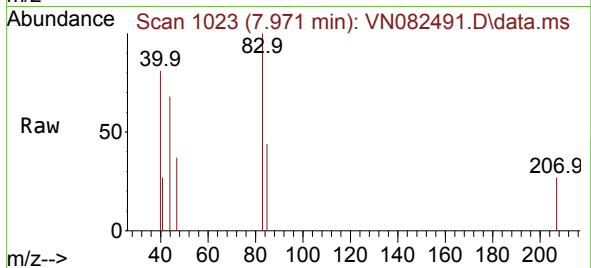
ClientSampleId :

Tgt Ion: 83 Resp: 862

Ion Ratio Lower Upper

83 100

85 43.7 50.7 76.1#



#31

Cyclohexane

Concen: 1.258 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.030 min

Lab File: VN082491.D

Acq: 07 Jun 2024 14:36

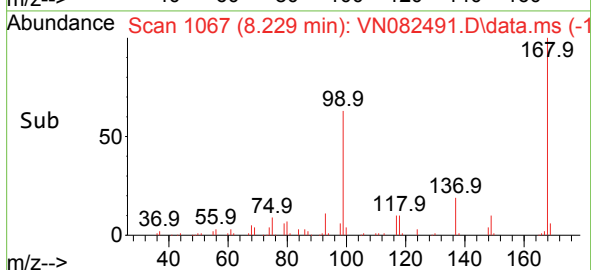
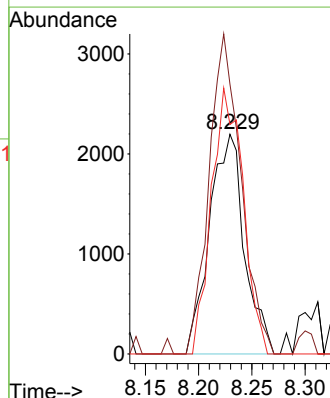
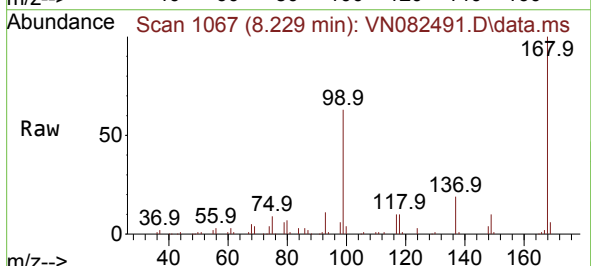
Tgt Ion: 56 Resp: 4994

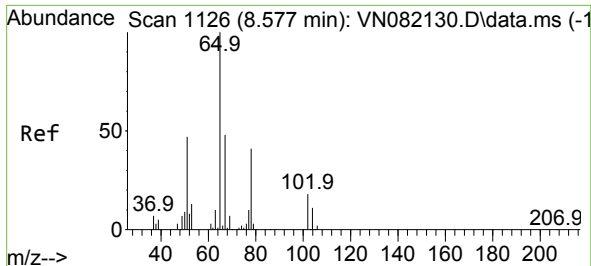
Ion Ratio Lower Upper

56 100

69 122.8 24.4 36.6#

84 104.5 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 52.756 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082491.D

Acq: 07 Jun 2024 14:36

Instrument :

MSVOA_N

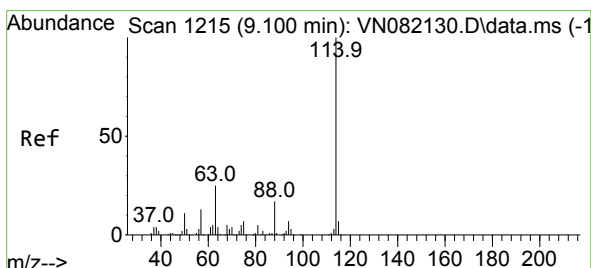
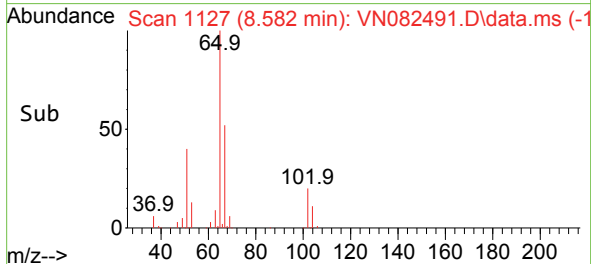
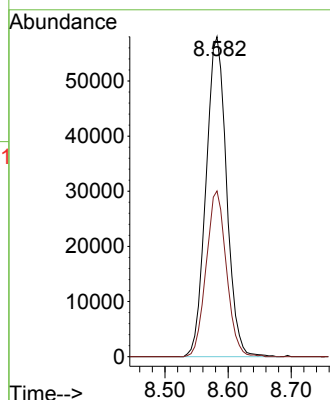
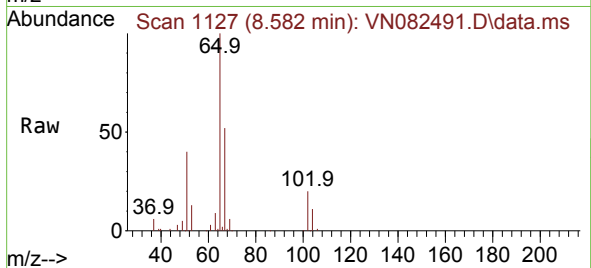
ClientSampleId :

Tgt Ion: 65 Resp: 131120

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082491.D

Acq: 07 Jun 2024 14:36

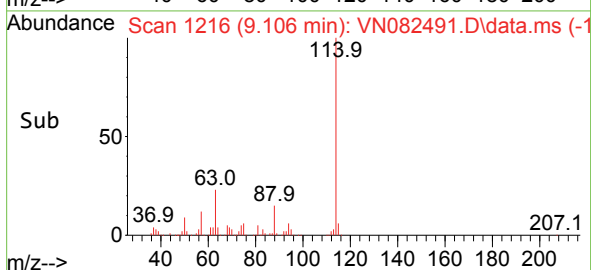
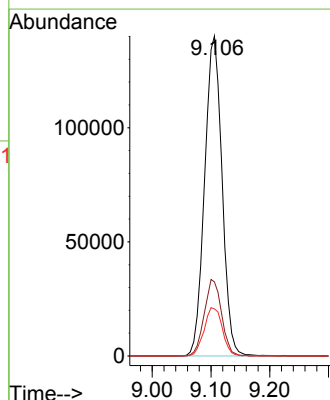
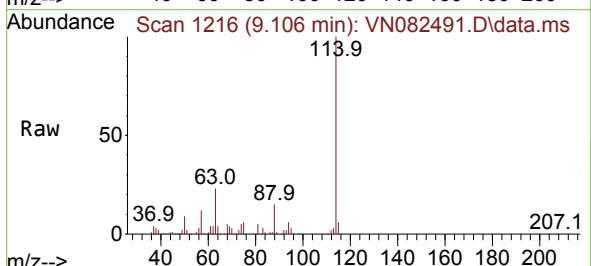
Tgt Ion: 114 Resp: 287862

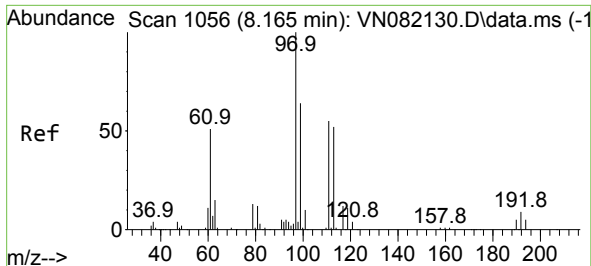
Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.0

88 14.7 0.0 31.4

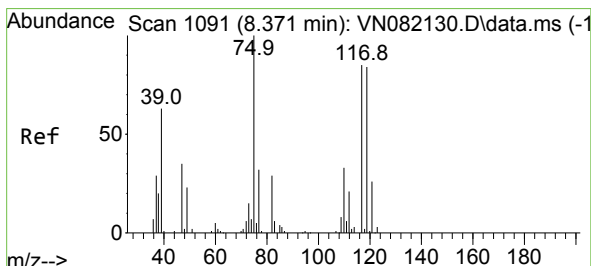
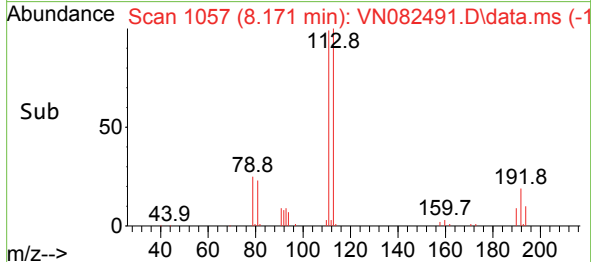
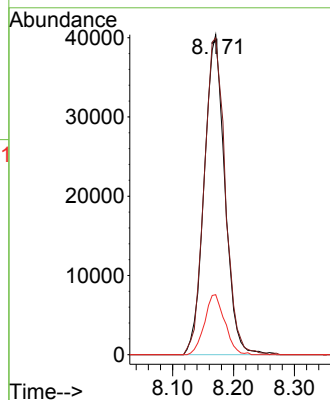
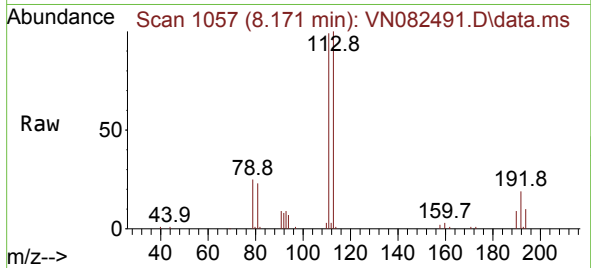




#35
Dibromofluoromethane
Concen: 53.412 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

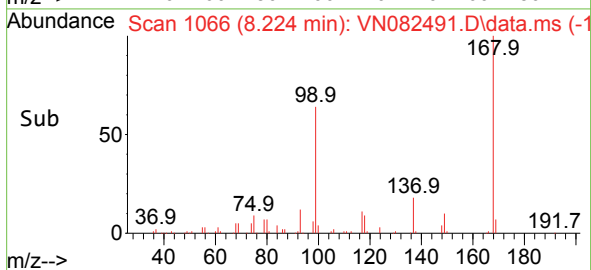
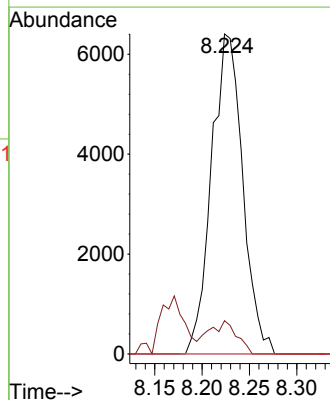
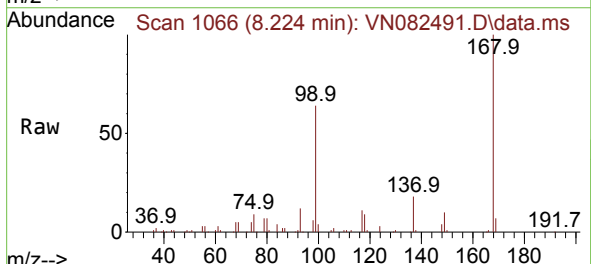
Instrument :
MSVOA_N
ClientSampleId :

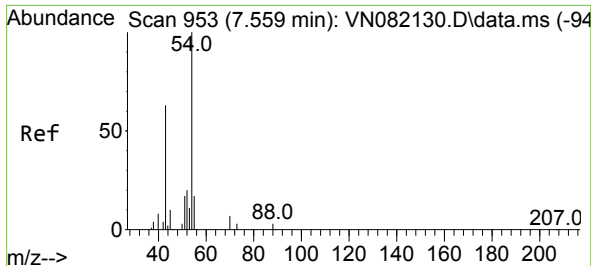
Tgt Ion:113 Resp: 94581
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.2
192 18.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.940 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

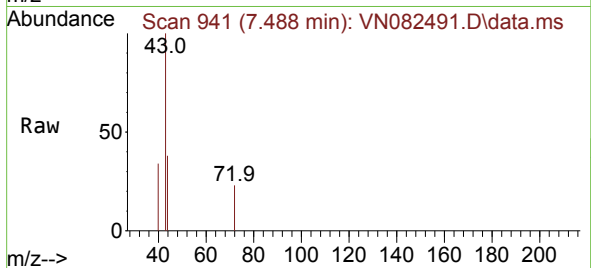
Tgt Ion: 75 Resp: 14670
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 25.0 37.4#



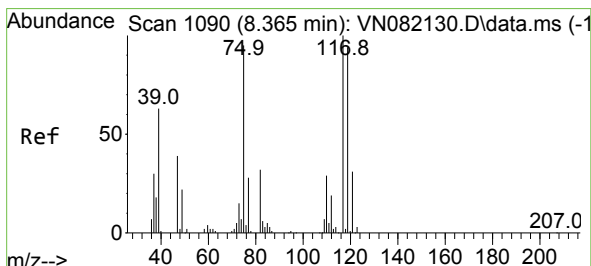
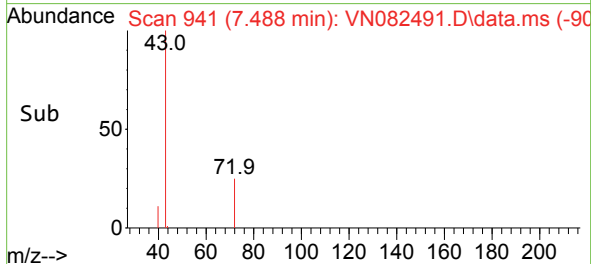
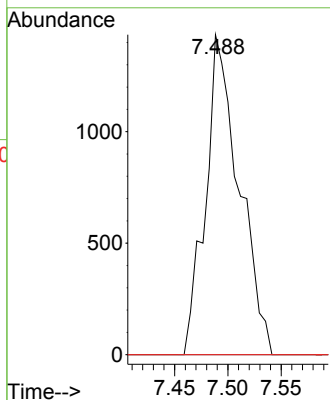


#37
Ethyl Acetate
Concen: 0.945 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

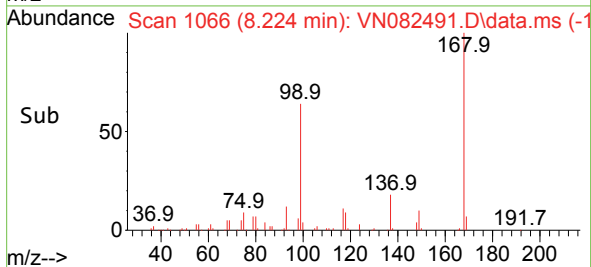
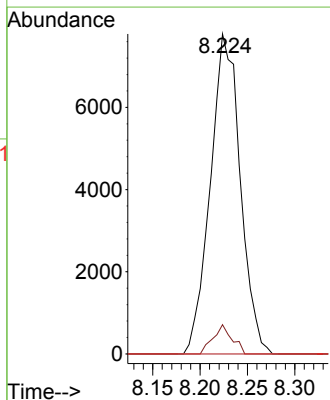
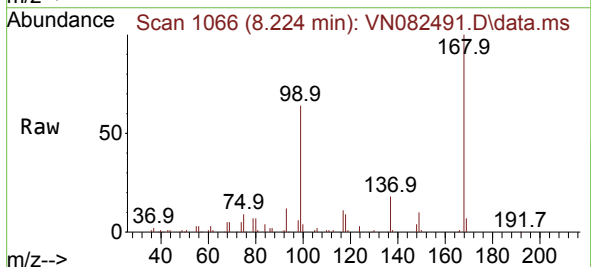


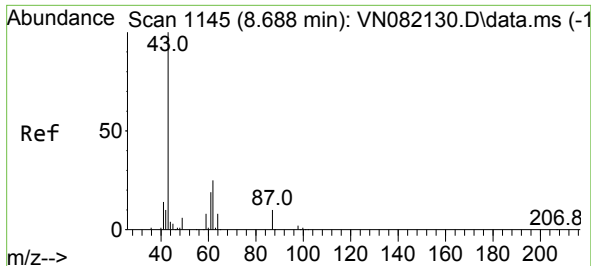
Tgt Ion: 43 Resp: 3140
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.686 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

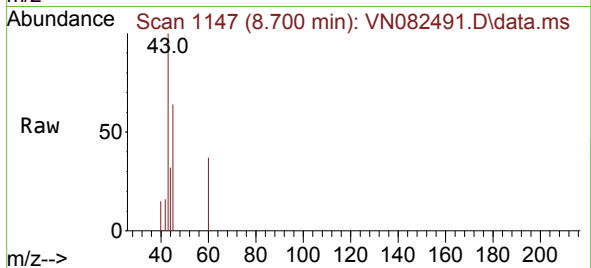
Tgt Ion: 117 Resp: 17118
Ion Ratio Lower Upper
117 100
119 9.2 76.5 114.7#
121 0.0 23.9 35.9#



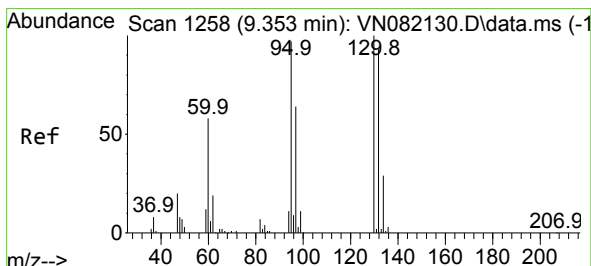
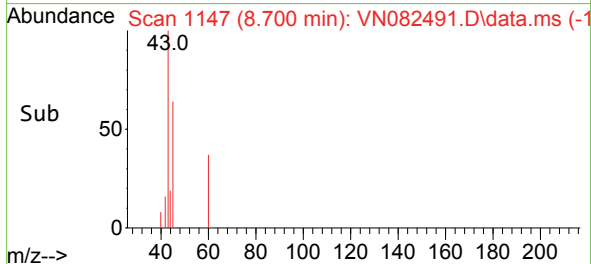
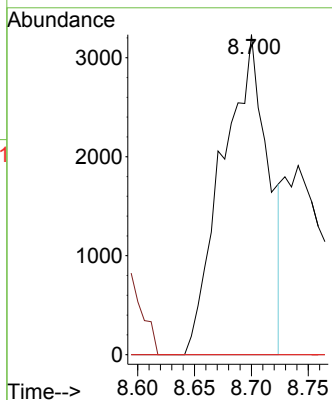


#43
Isopropyl Acetate
Concen: 1.528 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

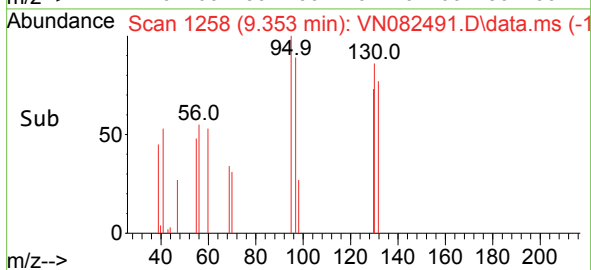
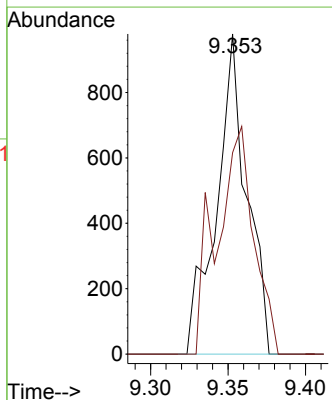
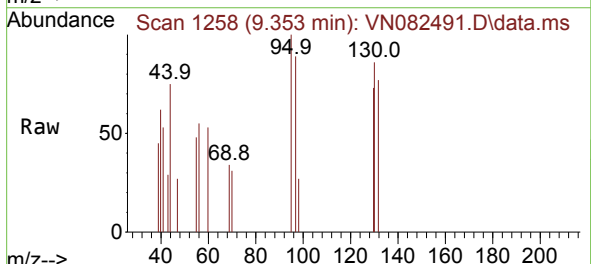


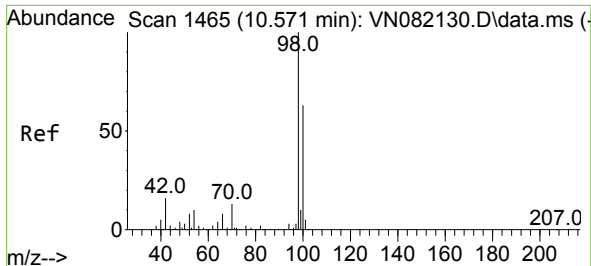
Tgt Ion: 43 Resp: 9001
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 0.661 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

Tgt Ion:130 Resp: 1329
Ion Ratio Lower Upper
130 100
95 62.9 0.0 195.4

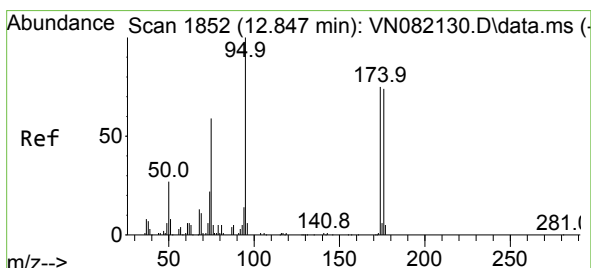
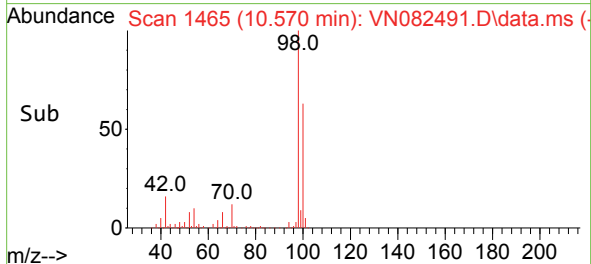
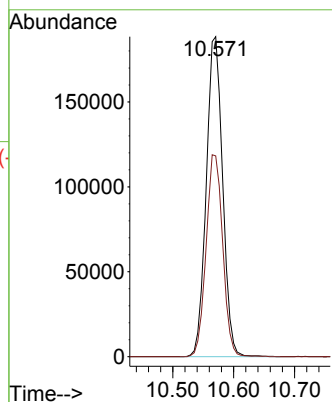
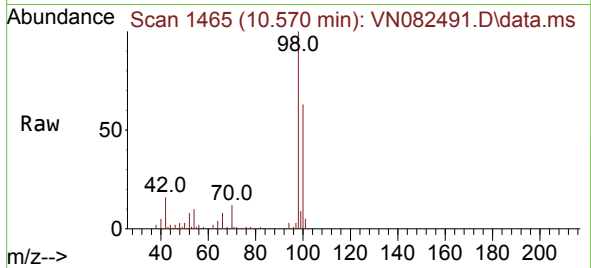




#50
Toluene-d8
Concen: 51.813 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

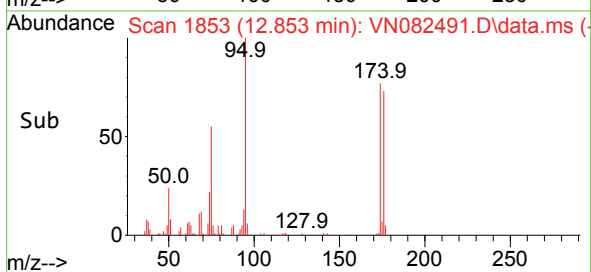
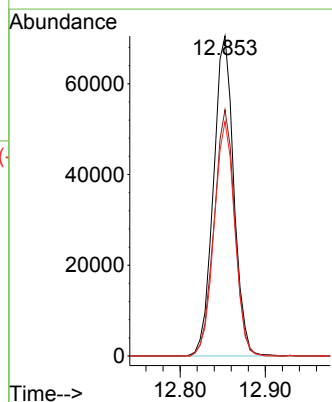
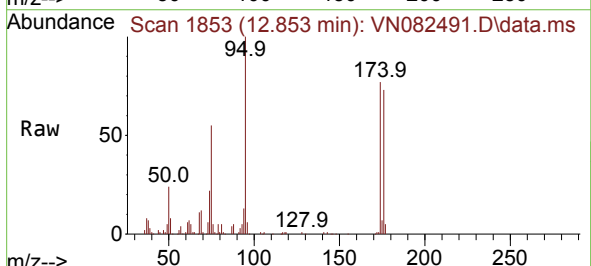
Instrument :
MSVOA_N
ClientSampleId :

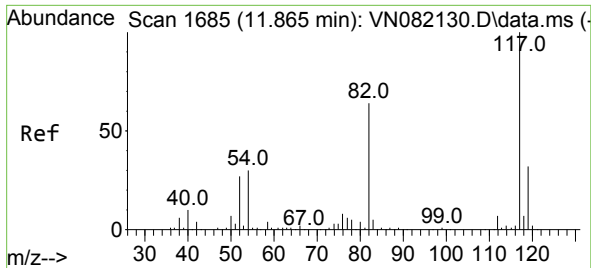
Tgt Ion: 98 Resp: 351761
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.187 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

Tgt Ion: 95 Resp: 116766
Ion Ratio Lower Upper
95 100
174 78.2 0.0 160.6
176 74.2 0.0 152.8

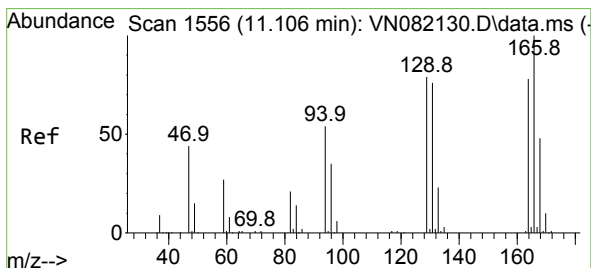
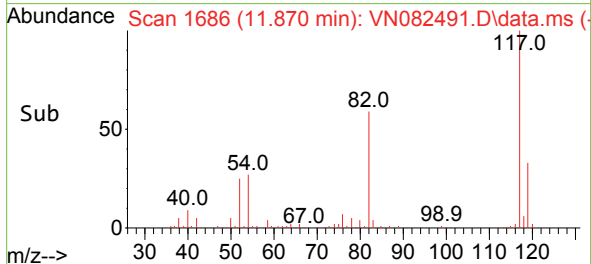
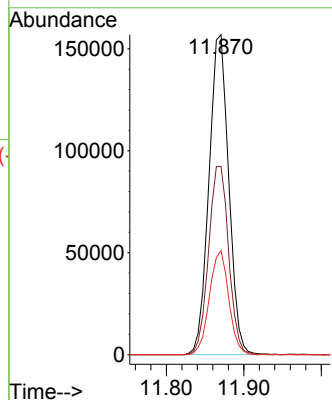
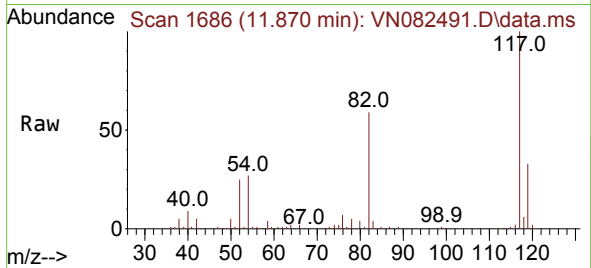




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

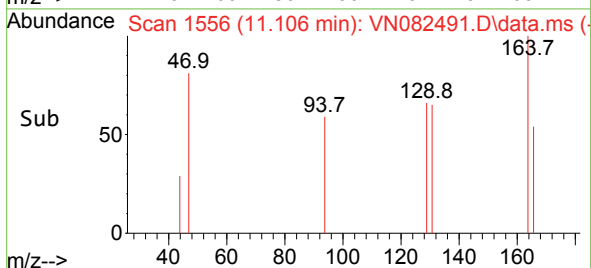
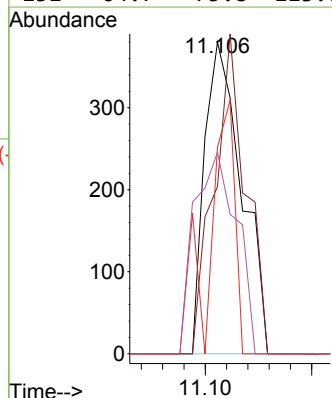
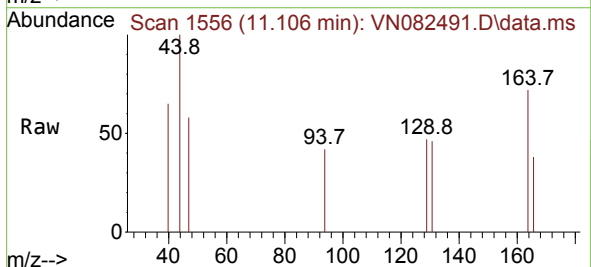
Instrument :
MSVOA_N
ClientSampleId :

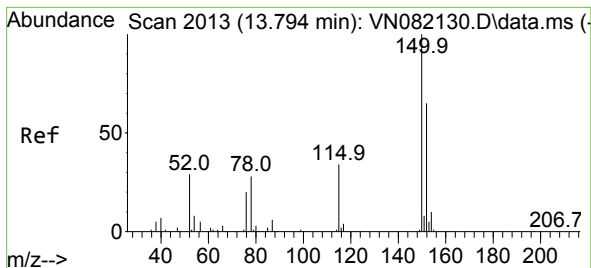
Tgt Ion:117 Resp: 278846
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 32.5 25.9 38.9



#64
Tetrachloroethene
Concen: 0.223 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082491.D
Acq: 07 Jun 2024 14:36

Tgt Ion:164 Resp: 460
Ion Ratio Lower Upper
164 100
166 53.7 97.6 146.4#
129 66.3 73.7 110.5#
131 64.7 75.8 113.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

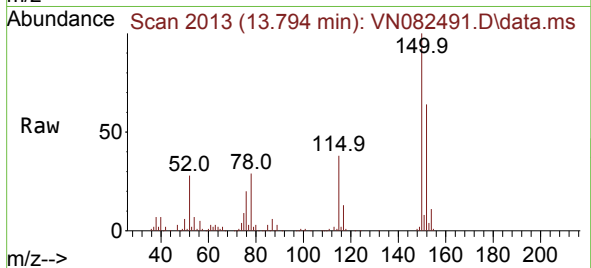
Lab File: VN082491.D

Acq: 07 Jun 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :



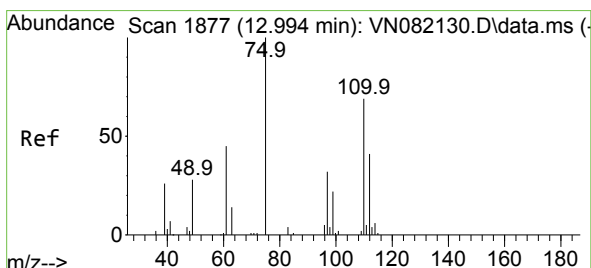
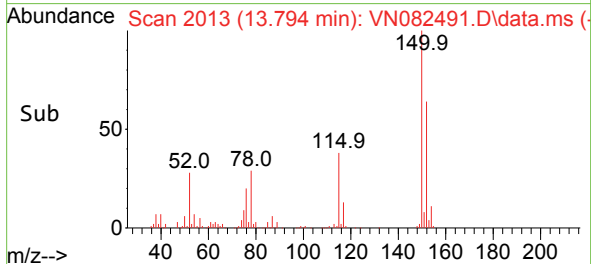
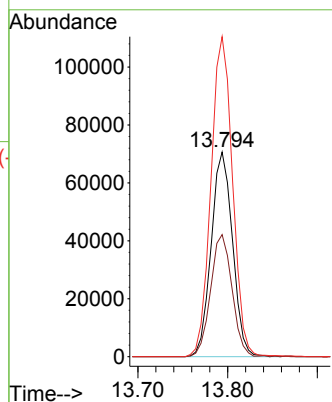
Tgt Ion:152 Resp: 116854

Ion Ratio Lower Upper

152 100

115 59.8 30.4 91.3

150 158.2 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 27.606 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082491.D

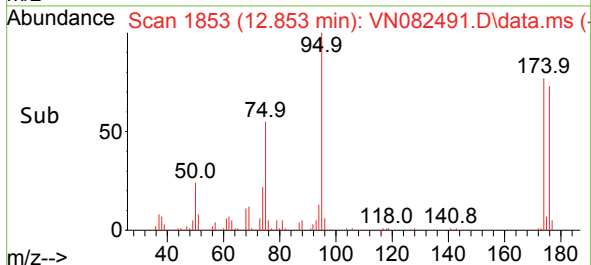
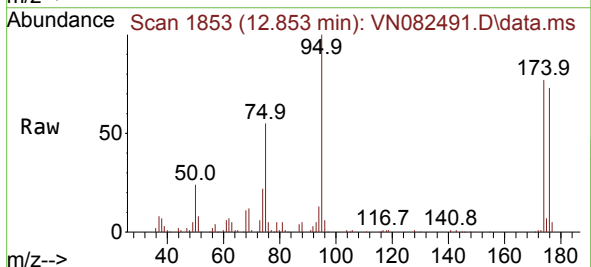
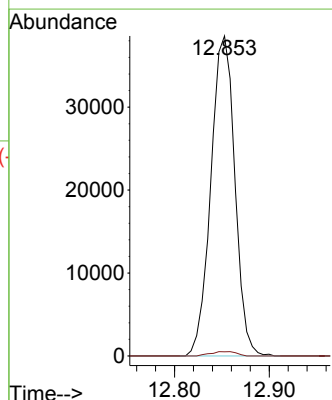
Acq: 07 Jun 2024 14:36

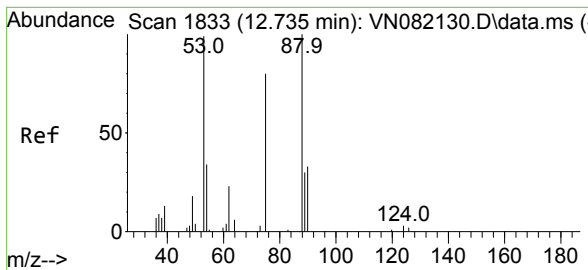
Tgt Ion: 75 Resp: 67897

Ion Ratio Lower Upper

75 100

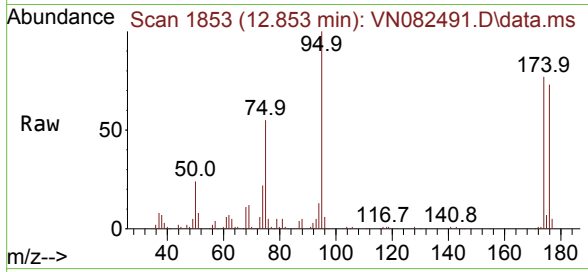
77 1.5 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.569 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.117 min
 Lab File: VN082491.D
 Acq: 07 Jun 2024 14:36

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 67897

Ion	Ratio	Lower	Upper
75	100		
53	0.3	72.9	109.3#
89	0.1	39.1	58.7#

