

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082805.D
 Acq On : 03 Jul 2024 16:03
 Operator : JC\MD
 Sample : P3152-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 04 00:00:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

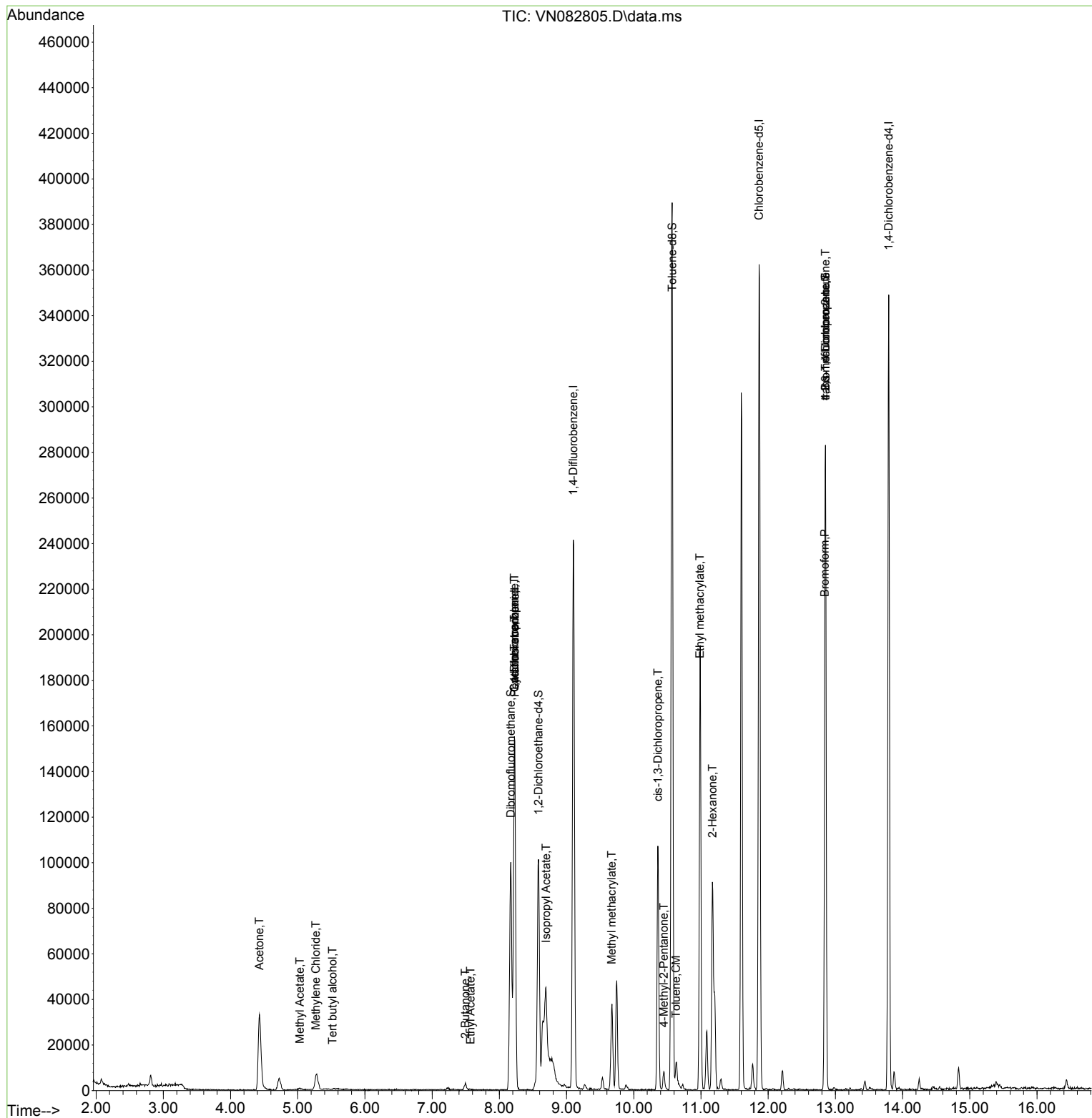
Internal Standards						
1) Pentafluorobenzene	8.230	168	108731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	210067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	205949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	85637	51.072	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.140%	
35) Dibromofluoromethane	8.171	113	70015	50.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.240%	
50) Toluene-d8	10.571	98	265485	51.327	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.853	95	94732	53.331	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 106.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	110	0.411	ug/l #	71
16) Acetone	4.430	43	63463	99.895	ug/l #	89
18) Methyl Acetate	5.030	43	1938	1.147	ug/l #	56
20) Methylene Chloride	5.271	84	5844	3.635	ug/l #	74
25) 2-Butanone	7.494	43	4715	4.858	ug/l #	89
31) Cyclohexane	8.224	56	2588	1.095	ug/l #	8
36) 1,1-Dichloropropene	8.224	75	9750	4.905	ug/l #	51
37) Ethyl Acetate	7.571	43	757	0.352	ug/l #	72
38) Carbon Tetrachloride	8.224	117	11803	5.076	ug/l #	17
43) Isopropyl Acetate	8.694	43	84150	22.569	ug/l #	73
48) Methyl methacrylate	9.671	41	1670	1.010	ug/l #	42
51) 4-Methyl-2-Pentanone	10.447	43	6873	3.127	ug/l	93
52) Toluene	10.629	92	5295	1.383	ug/l	98
54) cis-1,3-Dichloropropene	10.359	75	19621	8.388	ug/l #	56
56) Ethyl methacrylate	10.982	69	600	0.269	ug/l #	1
59) 2-Hexanone	11.171	43	77099	47.315	ug/l #	28
71) Bromoform	12.841	173	385	0.307	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	52764	27.240	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	52764	71.039	ug/l #	6

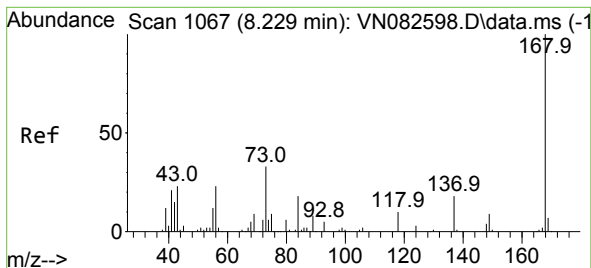
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

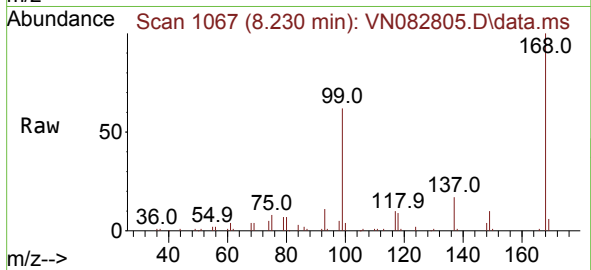
Lab File: VN082805.D

Acq: 03 Jul 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

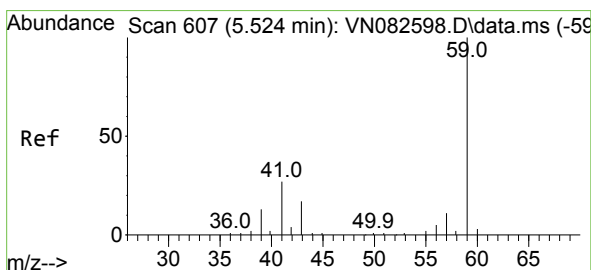
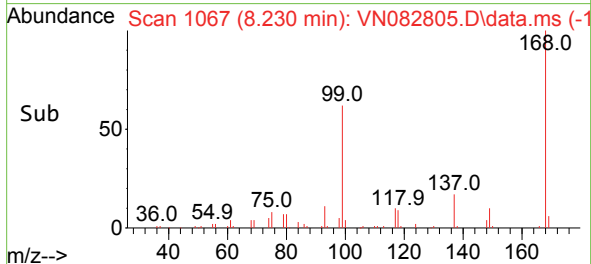
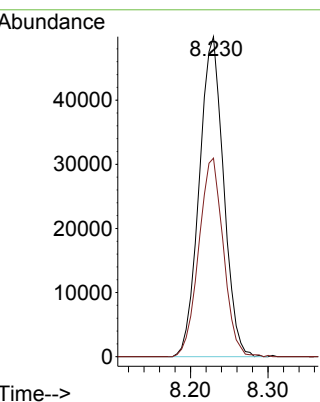


Tgt Ion:168 Resp: 108731

Ion Ratio Lower Upper

168 100

99 62.0 48.2 72.4



#11

Tert butyl alcohol

Concen: 0.411 ug/l

RT: 5.518 min Scan# 606

Delta R.T. -0.006 min

Lab File: VN082805.D

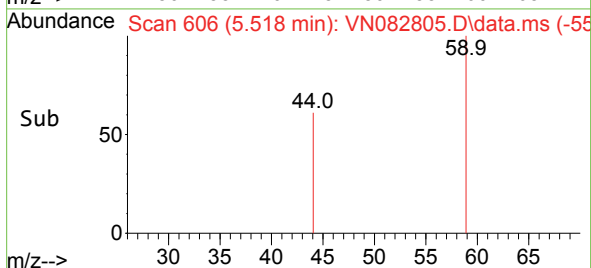
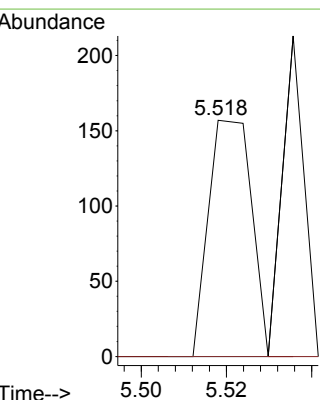
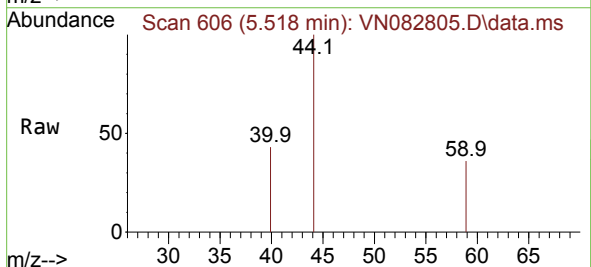
Acq: 03 Jul 2024 16:03

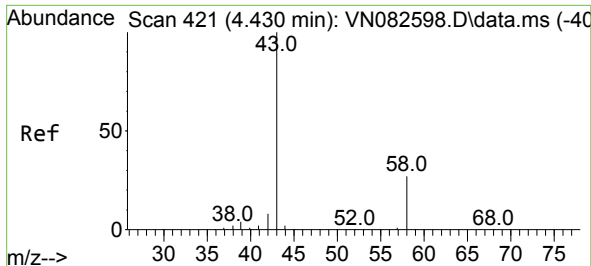
Tgt Ion: 59 Resp: 110

Ion Ratio Lower Upper

59 100

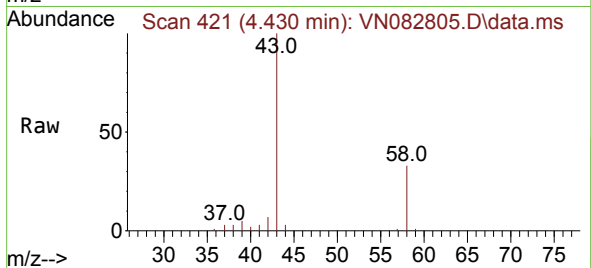
57 0.0 8.9 13.3#



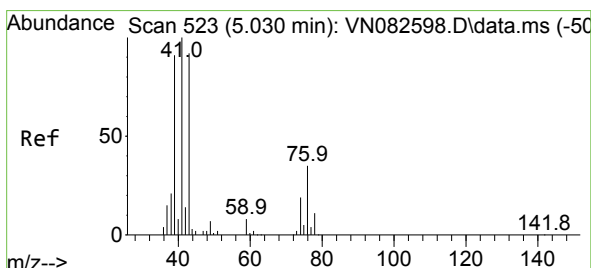
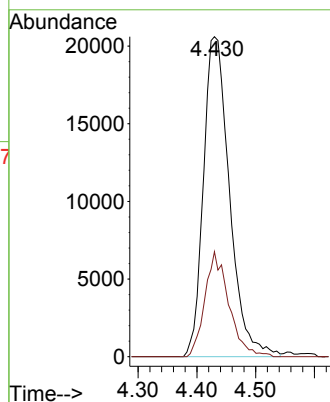
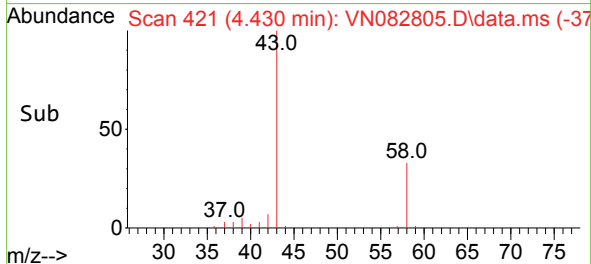


#16
Acetone
Concen: 99.895 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Instrument :
MSVOA_N
ClientSampleId :

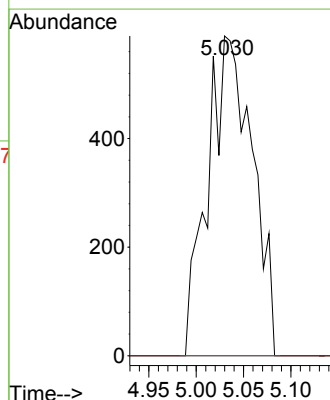
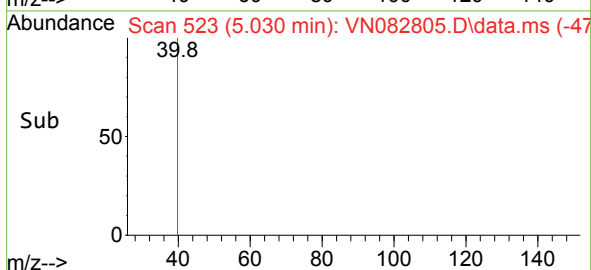
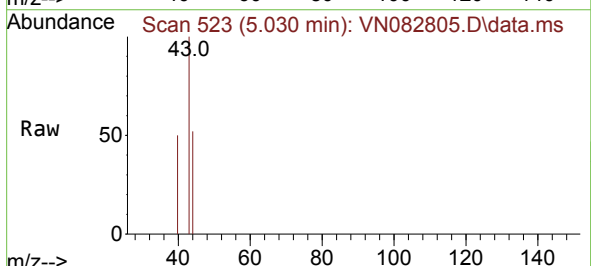


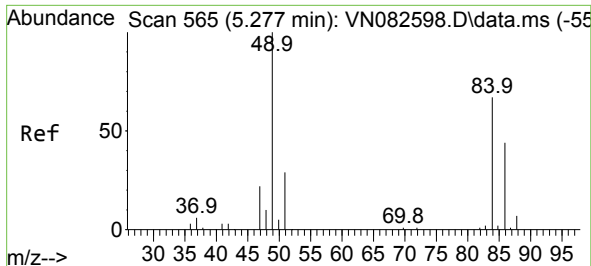
Tgt Ion: 43 Resp: 63463
Ion Ratio Lower Upper
43 100
58 32.8 21.8 32.6#



#18
Methyl Acetate
Concen: 1.147 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

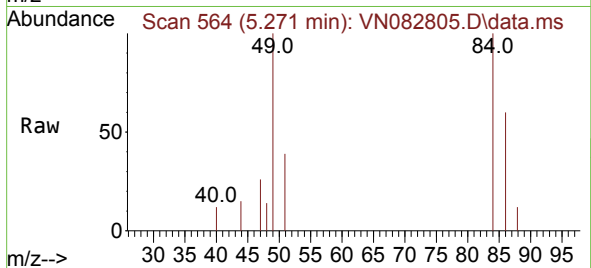
Tgt Ion: 43 Resp: 1938
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



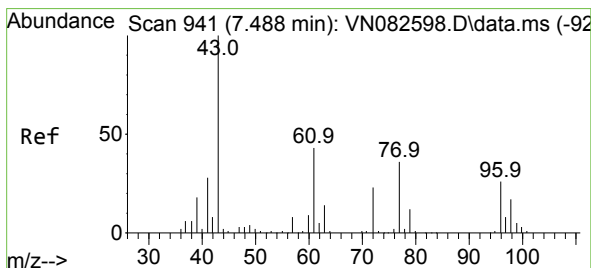
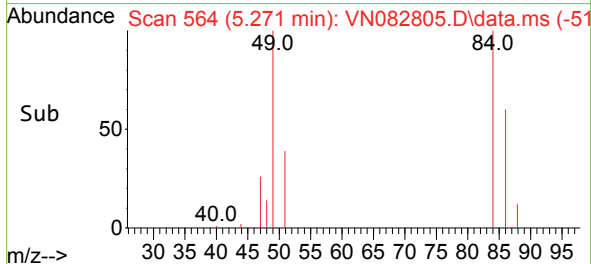
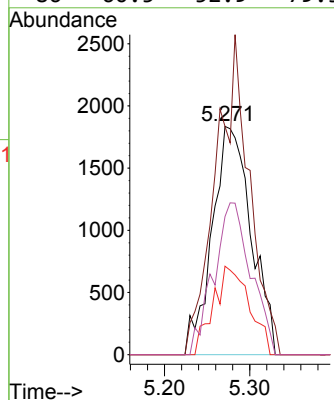


#20
Methylene Chloride
Concen: 3.635 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Instrument :
MSVOA_N
ClientSampleId :

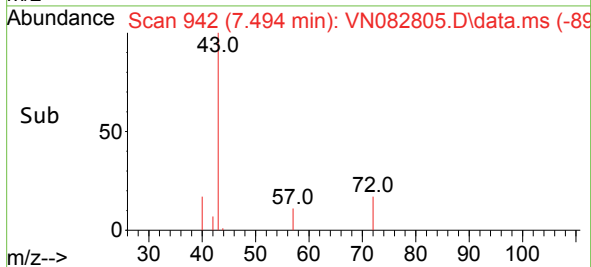
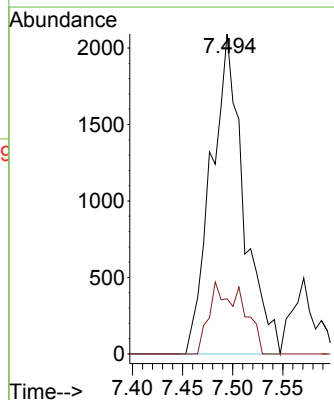
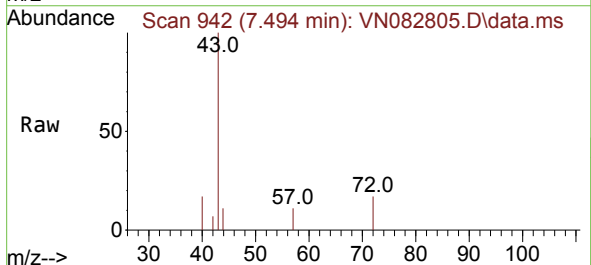


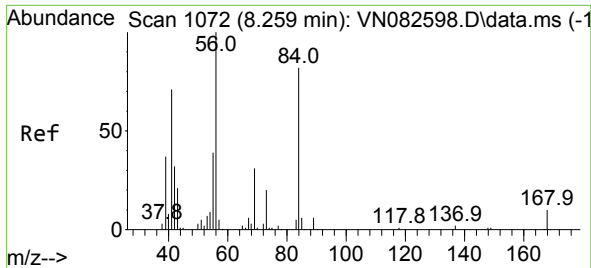
Tgt Ion:	84	Resp:	5844
Ion	Ratio	Lower	Upper
84	100		
49	100.0	119.6	179.4#
51	38.7	34.8	52.2
86	60.5	52.9	79.3



#25
2-Butanone
Concen: 4.858 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

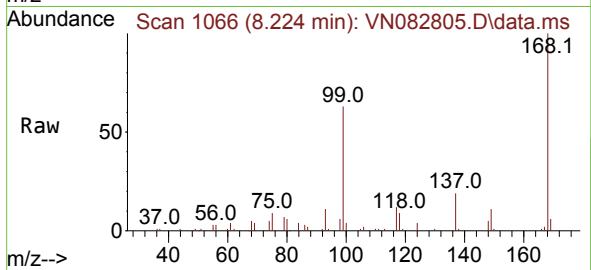
Tgt Ion:	43	Resp:	4715
Ion	Ratio	Lower	Upper
43	100		
72	17.3	18.2	27.2#



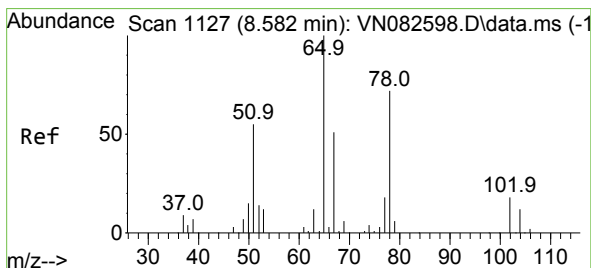
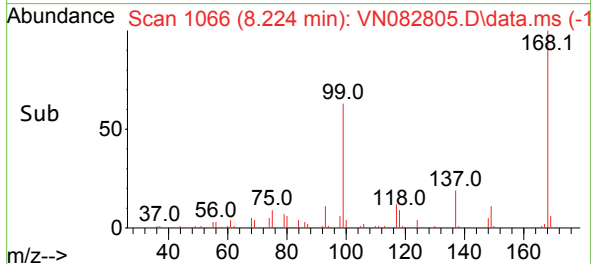
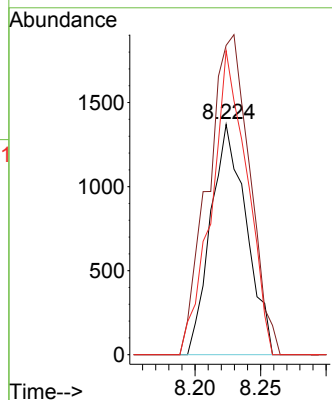


#31
Cyclohexane
Concen: 1.095 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Instrument :
MSVOA_N
ClientSampleId :

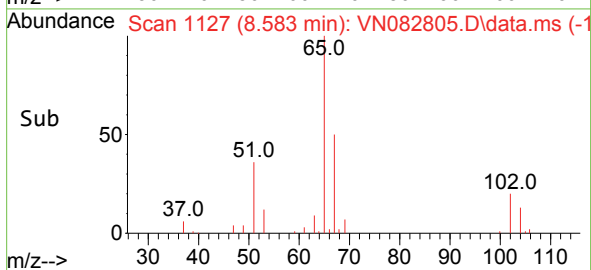
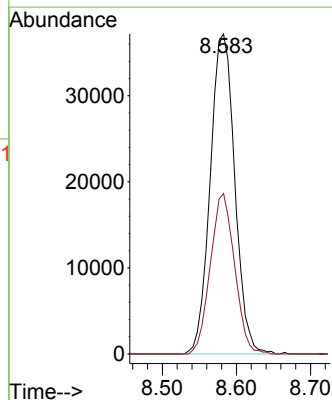
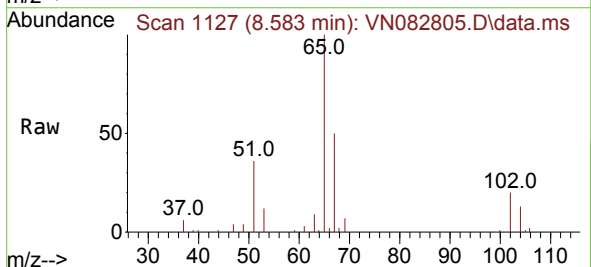


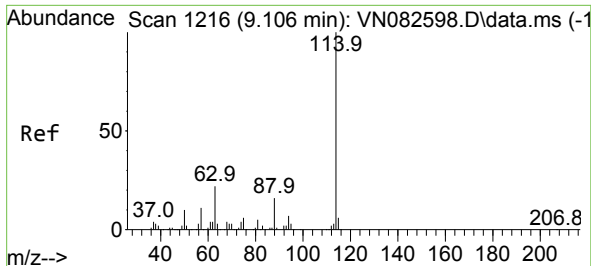
Tgt Ion: 56 Resp: 2588
Ion Ratio Lower Upper
56 100
69 134.3 24.5 36.7#
84 132.0 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 51.072 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Tgt Ion: 65 Resp: 85637
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

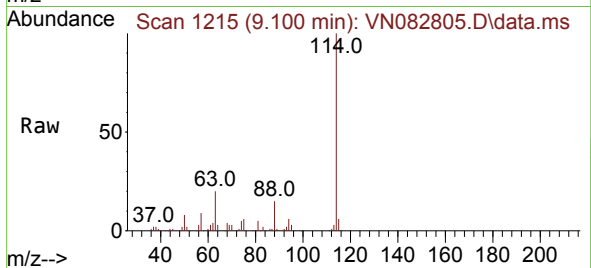
Lab File: VN082805.D

Acq: 03 Jul 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :



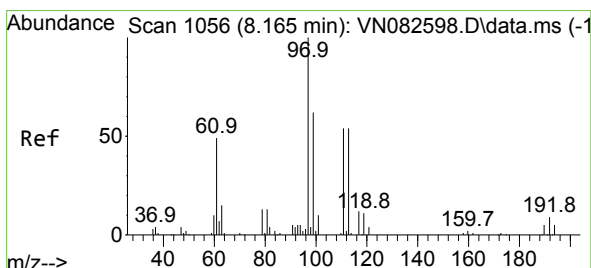
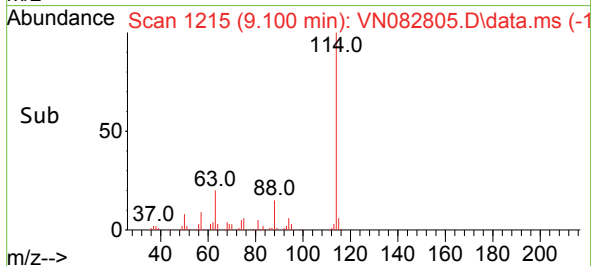
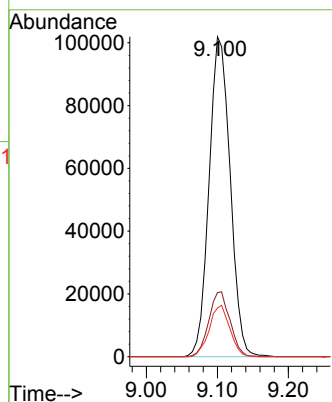
Tgt Ion:114 Resp: 210067

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.6

88 15.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.623 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082805.D

Acq: 03 Jul 2024 16:03

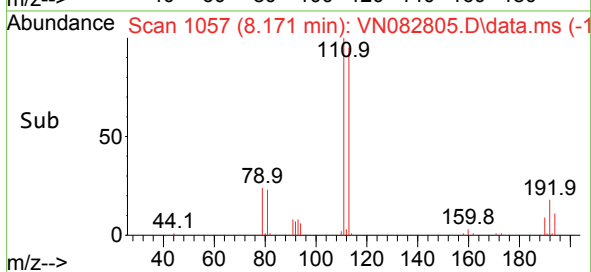
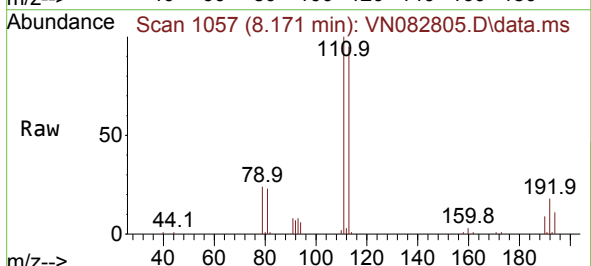
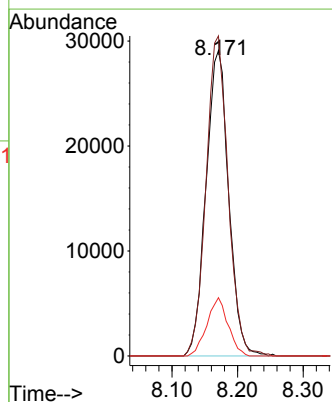
Tgt Ion:113 Resp: 70015

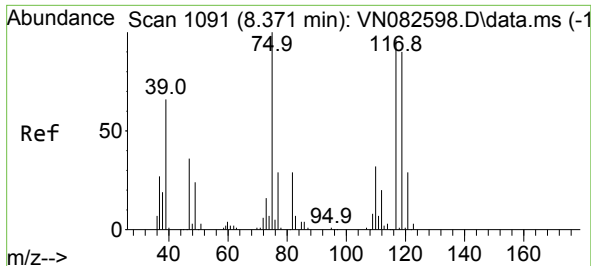
Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

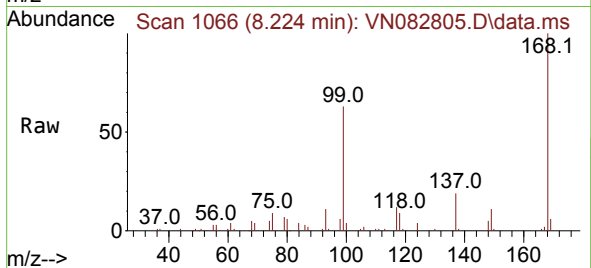
192 17.8 14.9 22.3



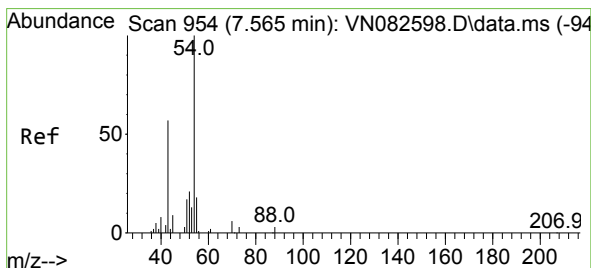
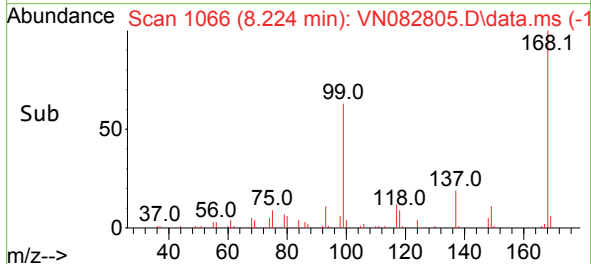
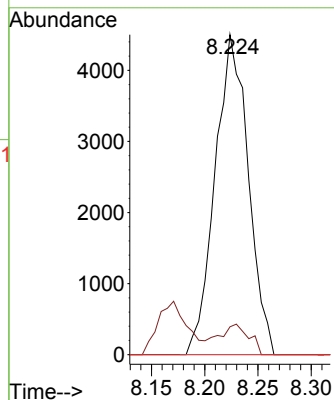


#36
1,1-Dichloropropene
Concen: 4.905 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Instrument :
MSVOA_N
ClientSampleId :

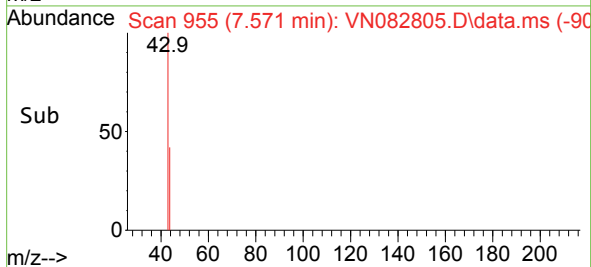
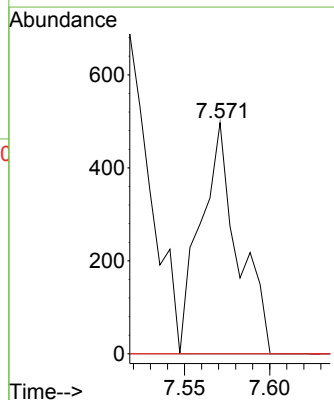
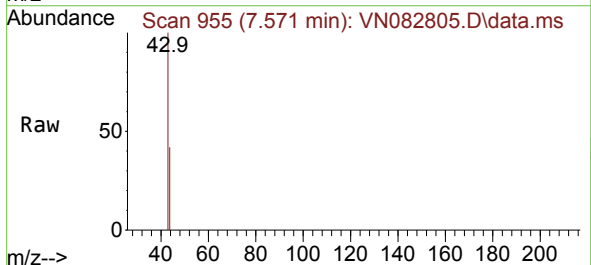


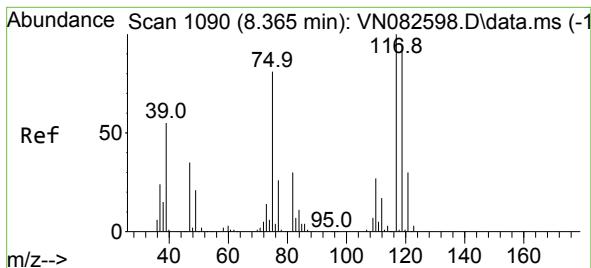
Tgt Ion: 75 Resp: 9750
Ion Ratio Lower Upper
75 100
110 8.7 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 0.352 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.006 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.0 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 5.076 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

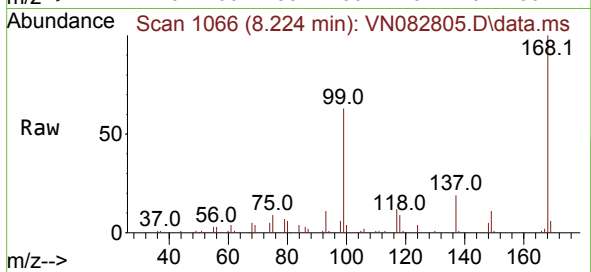
Lab File: VN082805.D

Acq: 03 Jul 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :



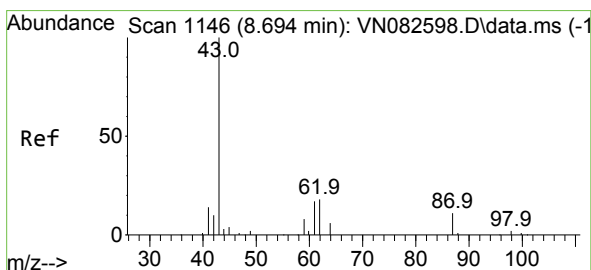
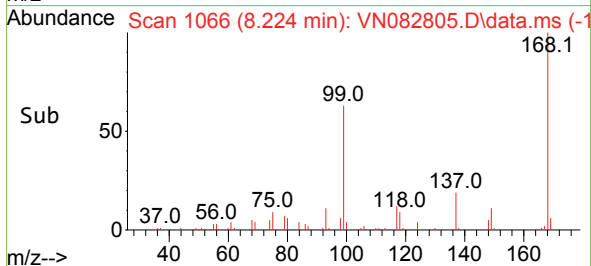
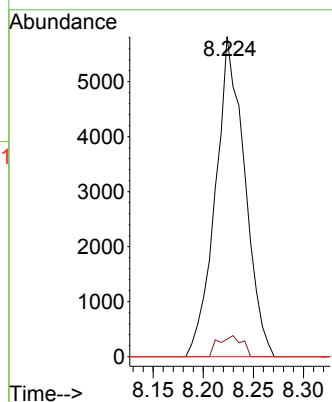
Tgt Ion:117 Resp: 11803

Ion Ratio Lower Upper

117 100

119 5.5 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 22.569 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082805.D

Acq: 03 Jul 2024 16:03

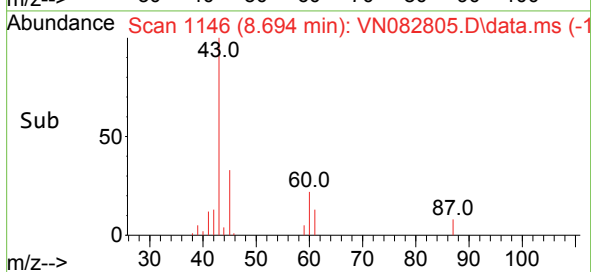
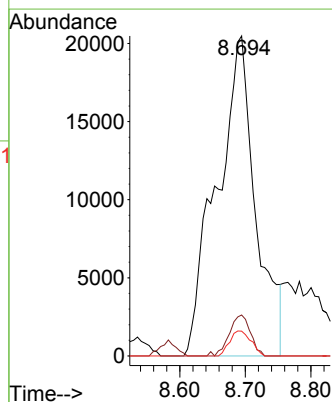
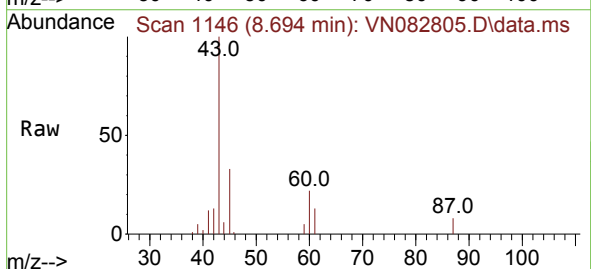
Tgt Ion: 43 Resp: 84150

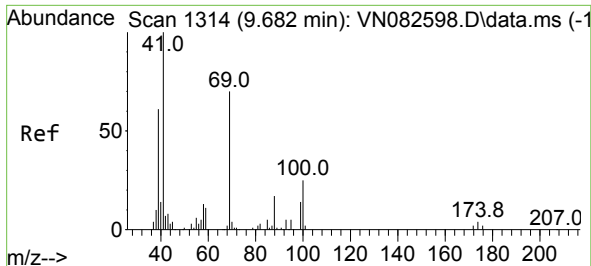
Ion Ratio Lower Upper

43 100

61 7.0 17.8 26.6#

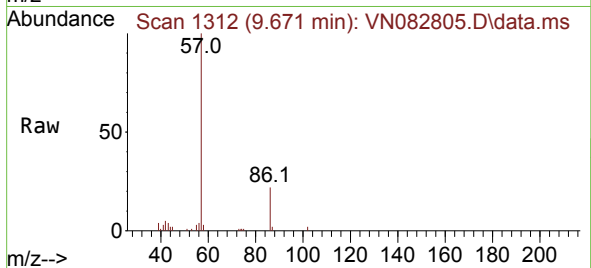
87 4.3 8.2 12.2#



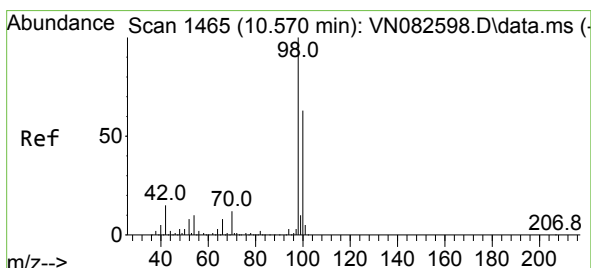
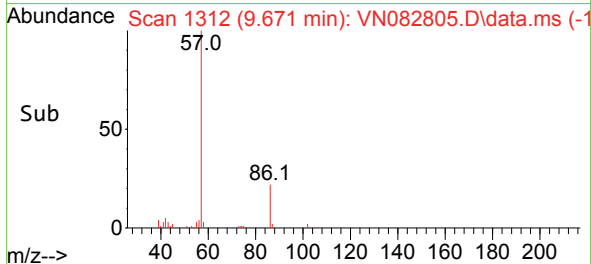
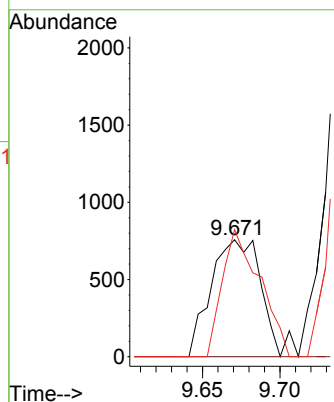


#48
Methyl methacrylate
Concen: 1.010 ug/l
RT: 9.671 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Instrument :
MSVOA_N
ClientSampleId :

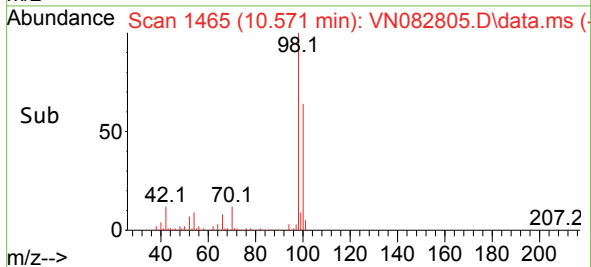
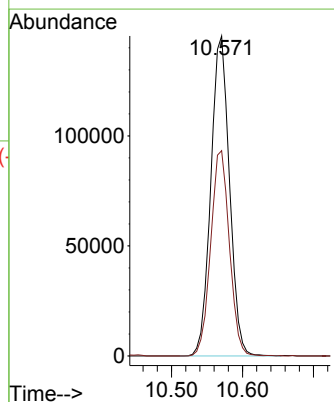
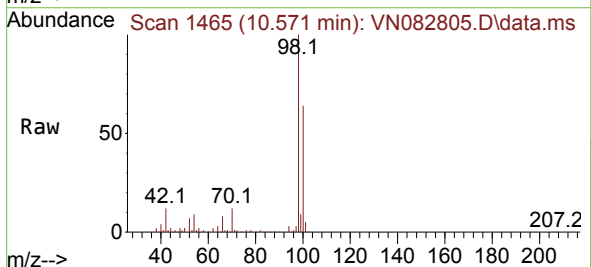


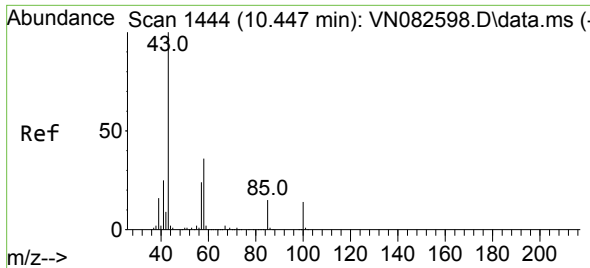
Tgt Ion: 41 Resp: 1670
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 83.3 50.3 75.5#



#50
Toluene-d8
Concen: 51.327 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Tgt Ion: 98 Resp: 265485
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

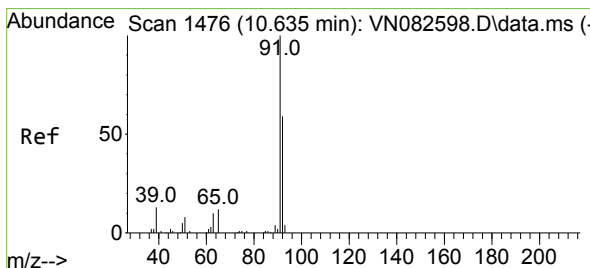
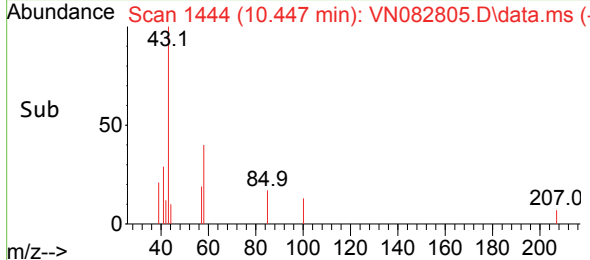
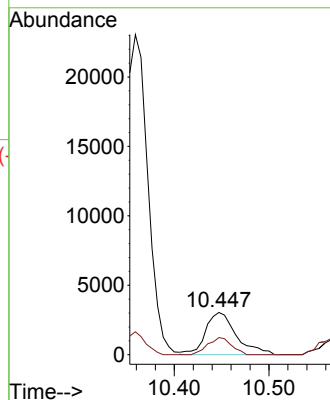
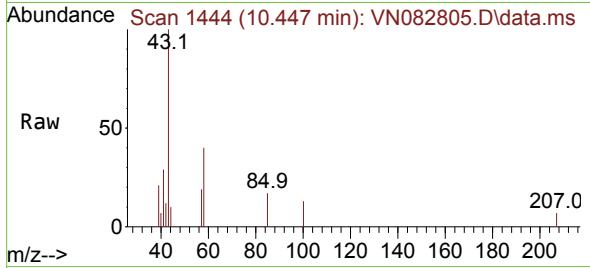




#51
4-Methyl-2-Pentanone
Concen: 3.127 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

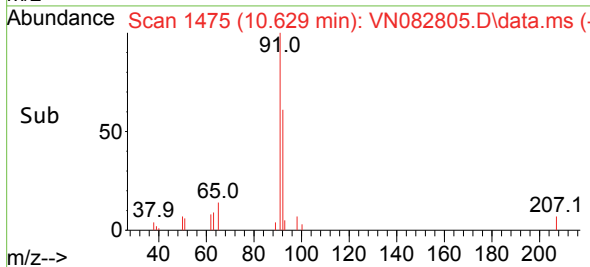
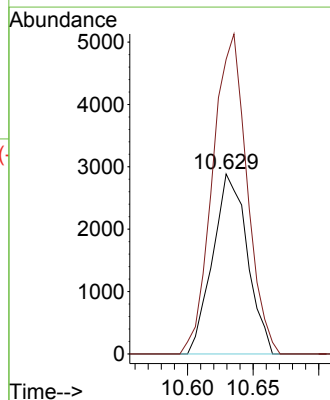
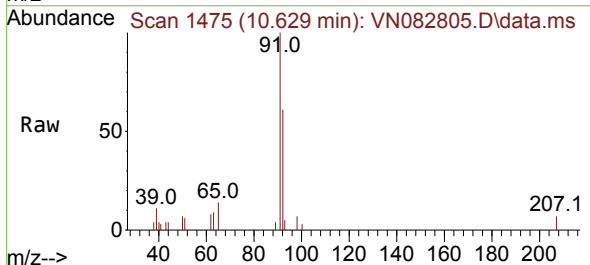
Instrument :
MSVOA_N
ClientSampleId :

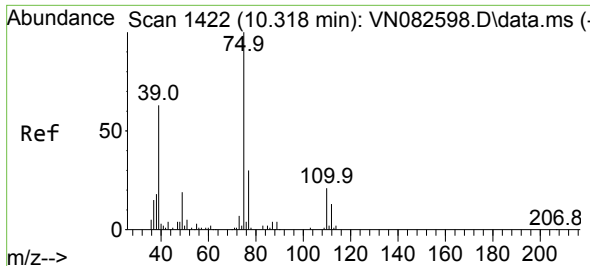
Tgt Ion: 43 Resp: 6873
Ion Ratio Lower Upper
43 100
58 31.1 28.2 42.4



#52
Toluene
Concen: 1.383 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

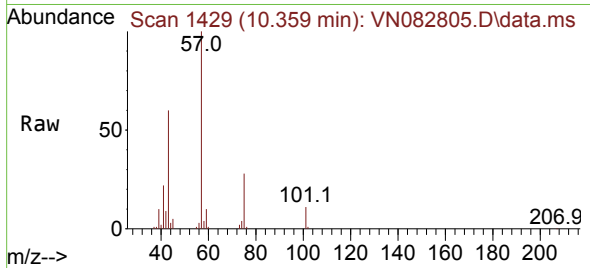
Tgt Ion: 92 Resp: 5295
Ion Ratio Lower Upper
92 100
91 176.6 139.4 209.0



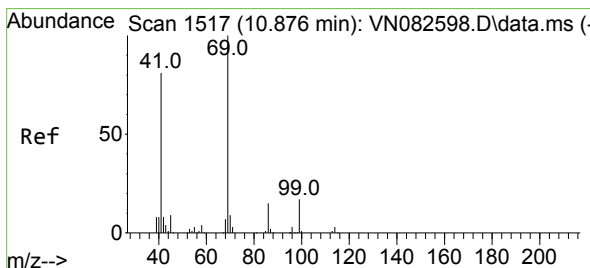
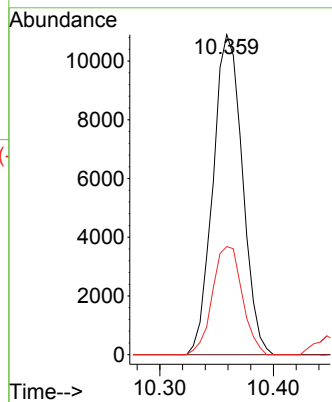
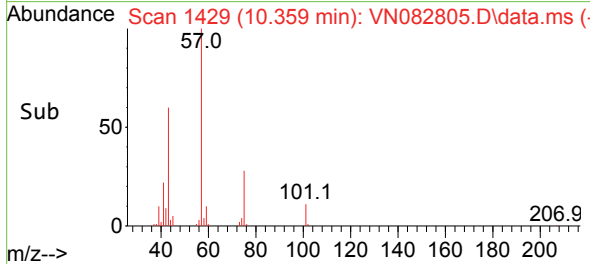


#54
 cis-1,3-Dichloropropene
 Concen: 8.388 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN082805.D
 Acq: 03 Jul 2024 16:03

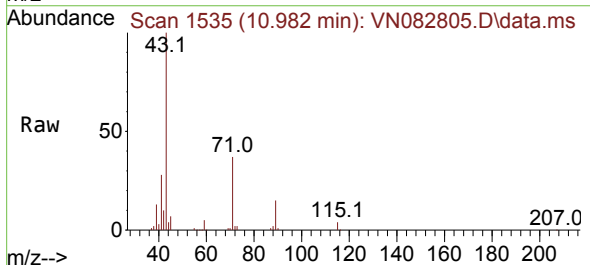
Instrument :
 MSVOA_N
 ClientSampleId :



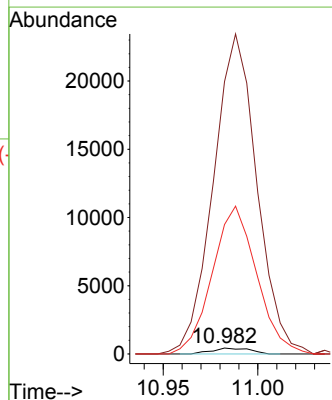
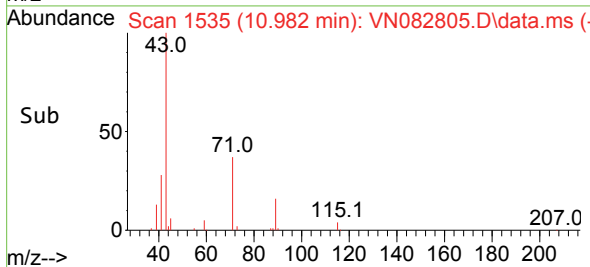
Tgt Ion: 75 Resp: 19621
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 33.8 50.5 75.7#

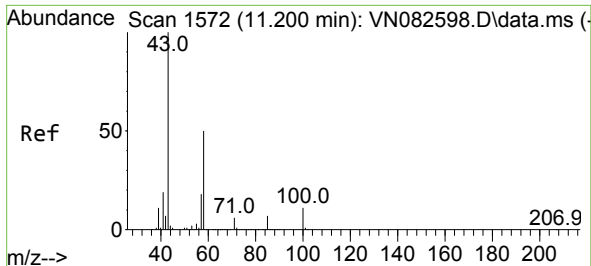


#56
 Ethyl methacrylate
 Concen: 0.269 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. 0.106 min
 Lab File: VN082805.D
 Acq: 03 Jul 2024 16:03



Tgt Ion: 69 Resp: 600
 Ion Ratio Lower Upper
 69 100
 41 6276.5 63.4 95.2#
 39 2945.5 37.4 56.0#

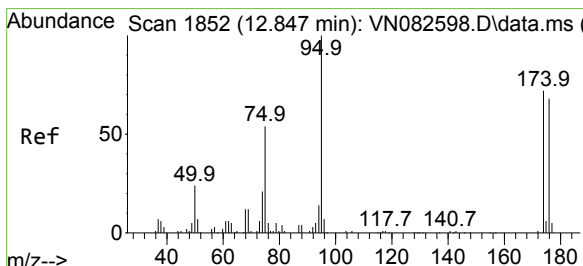
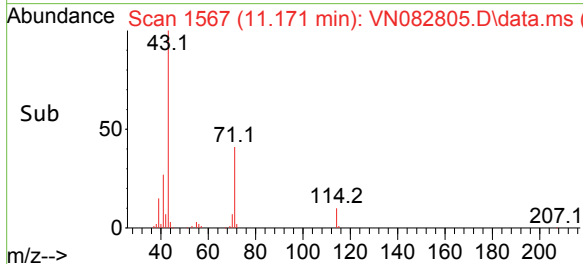
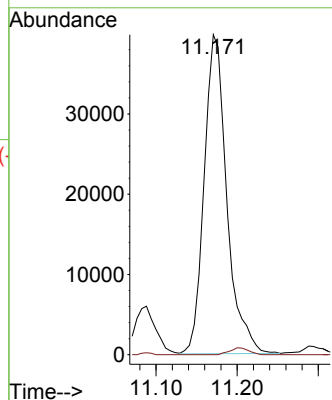
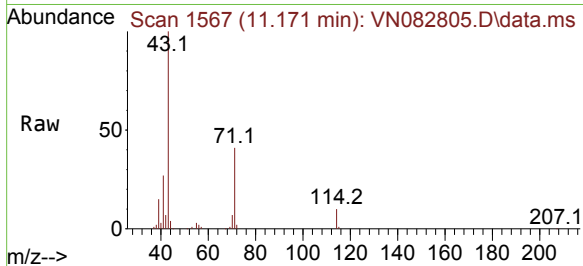




#59
2-Hexanone
Concen: 47.315 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

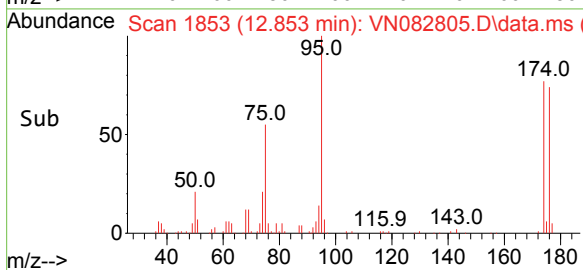
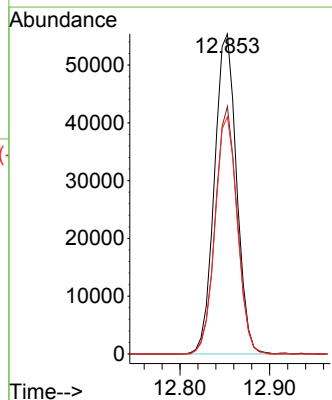
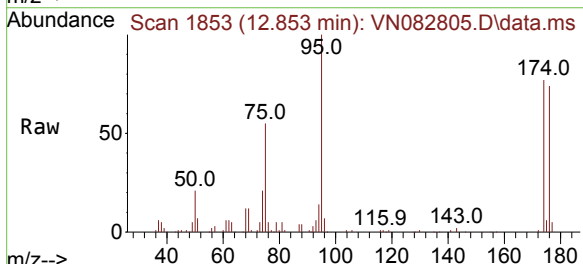
Instrument :
MSVOA_N
ClientSampleId :

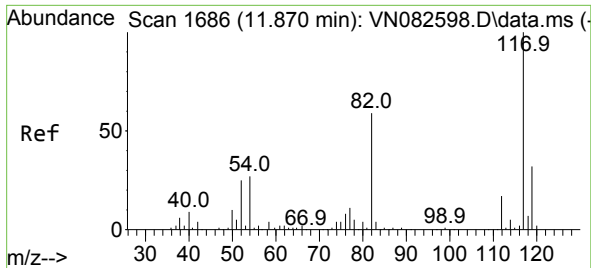
Tgt Ion: 43 Resp: 77099
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 53.331 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Tgt Ion: 95 Resp: 94732
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.2
176 74.6 0.0 147.6

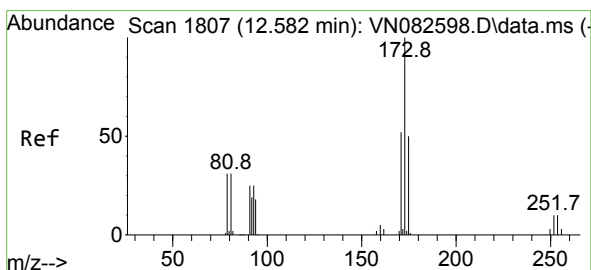
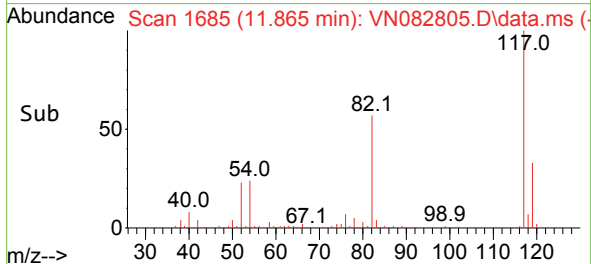
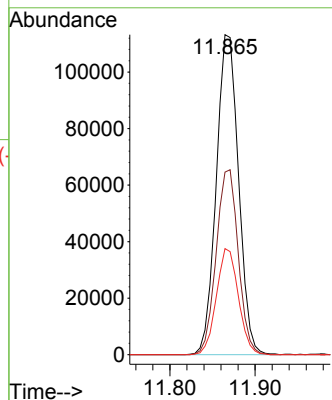
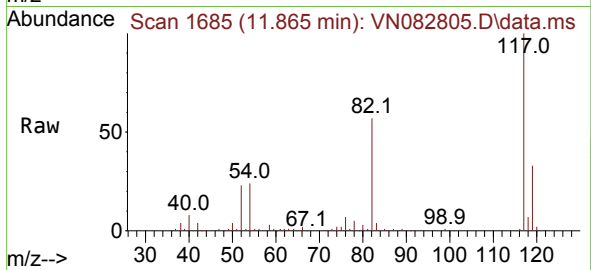




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

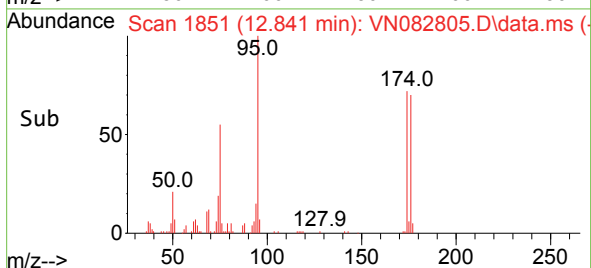
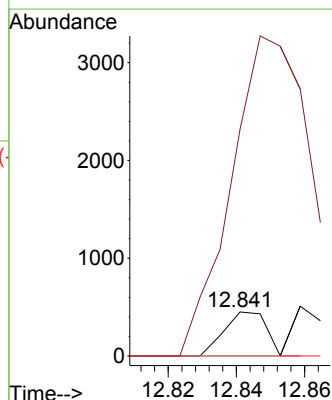
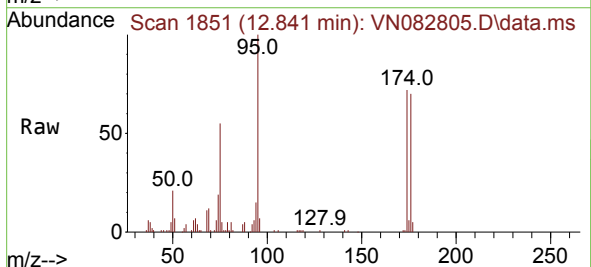
Instrument :
MSVOA_N
ClientSampleId :

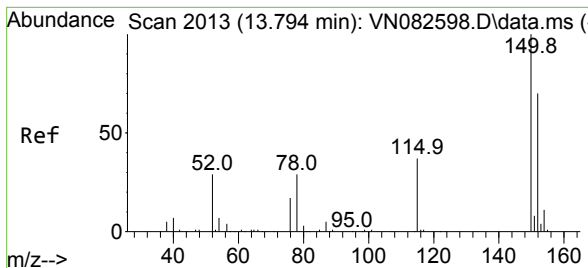
Tgt Ion:117 Resp: 205949
Ion Ratio Lower Upper
117 100
82 57.0 47.5 71.3
119 33.1 25.6 38.4



#71
Bromoform
Concen: 0.307 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Tgt Ion:173 Resp: 385
Ion Ratio Lower Upper
173 100
175 1208.8 24.0 72.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN082805.D

Acq: 03 Jul 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

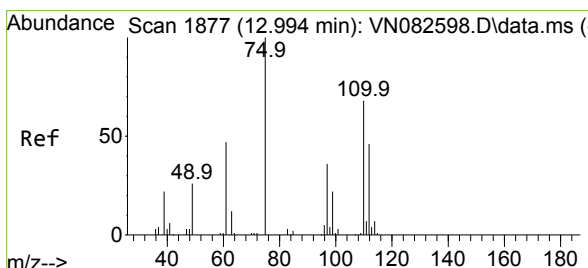
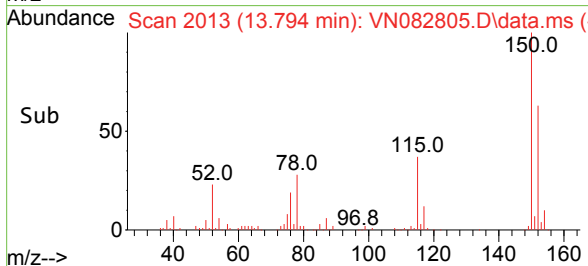
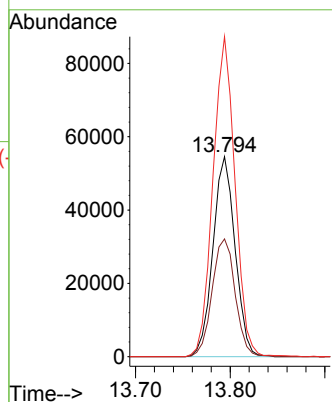
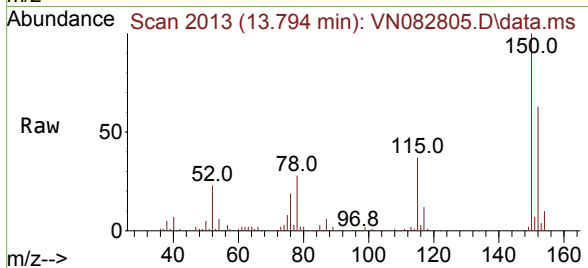
Tgt Ion:152 Resp: 88804

Ion Ratio Lower Upper

152 100

115 61.2 30.6 91.6

150 158.9 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 27.240 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082805.D

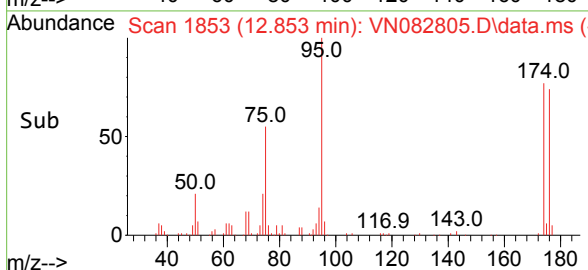
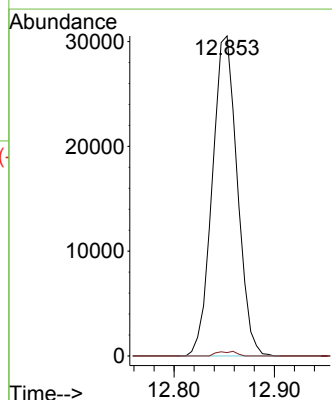
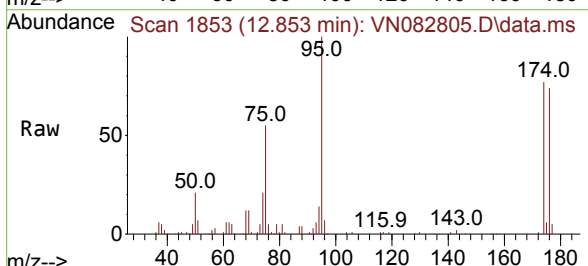
Acq: 03 Jul 2024 16:03

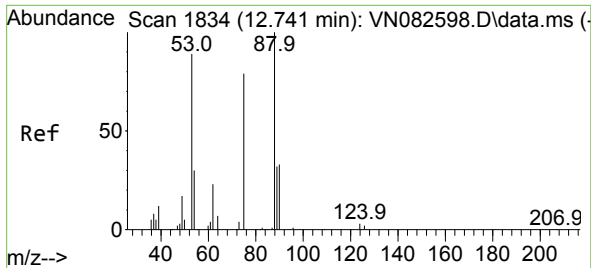
Tgt Ion: 75 Resp: 52764

Ion Ratio Lower Upper

75 100

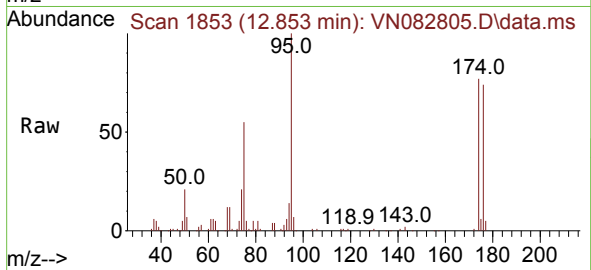
77 1.1 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.039 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082805.D
 Acq: 03 Jul 2024 16:03

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

