

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082726.D
 Acq On : 25 Jun 2024 18:38
 Operator : JC\MD
 Sample : P3021-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 26 01:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

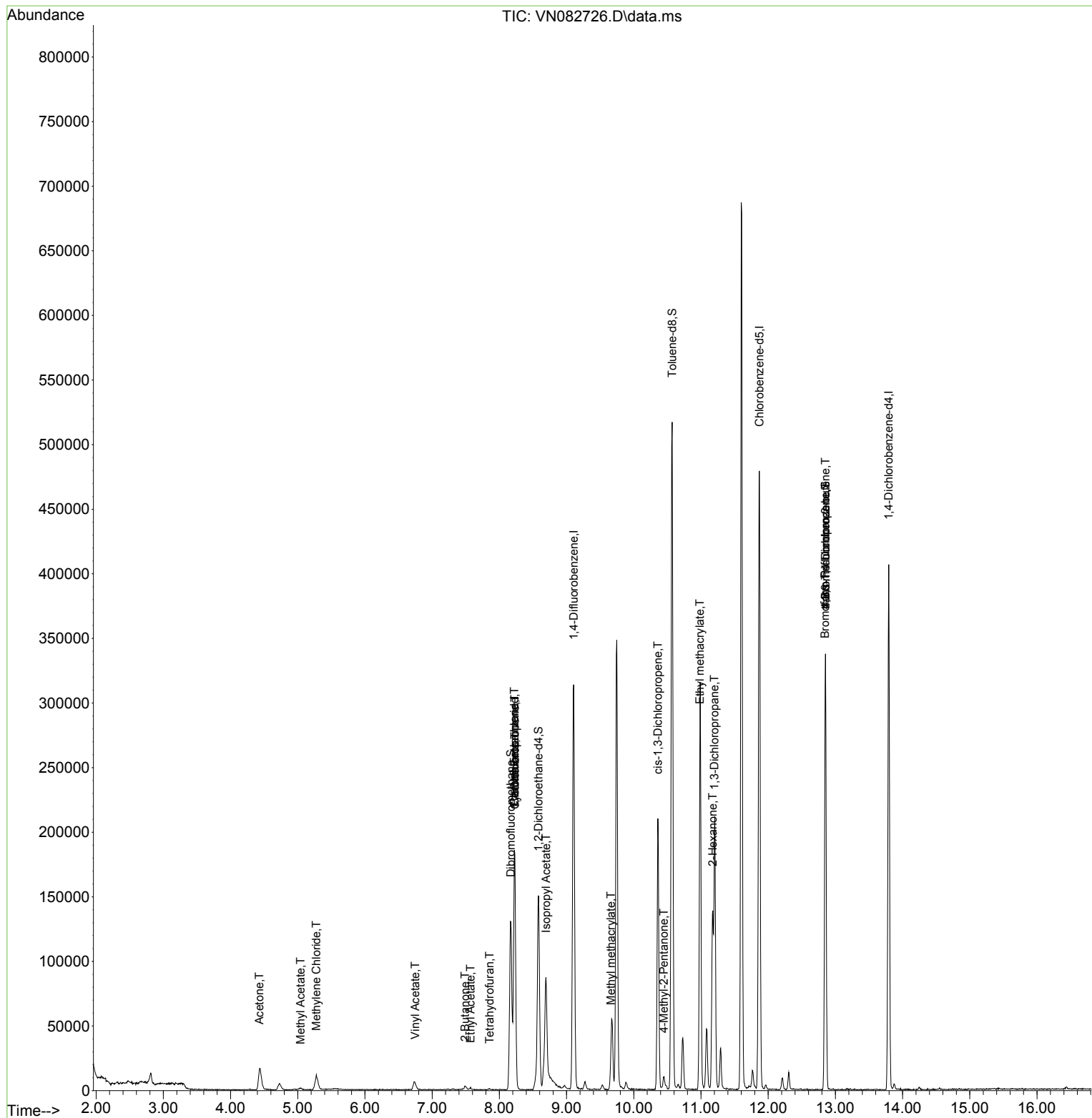
Internal Standards						
1) Pentafluorobenzene	8.224	168	128052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	259470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	123174	59.983	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.960%			
35) Dibromofluoromethane	8.171	113	91610	54.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.160%			
50) Toluene-d8	10.570	98	341949	53.874	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.740%			
62) 4-Bromofluorobenzene	12.853	95	103574	47.331	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.660%			
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	33805	36.198	ug/l	93
18) Methyl Acetate	5.041	43	2737	1.198	ug/l #	65
20) Methylene Chloride	5.277	84	7641	4.654	ug/l #	80
23) Vinyl Acetate	6.747	43	1439	0.310	ug/l #	75
25) 2-Butanone	7.488	43	4806	3.621	ug/l	96
29) Tetrahydrofuran	7.853	42	651	0.801	ug/l #	53
31) Cyclohexane	8.229	56	3771	1.272	ug/l #	61
36) 1,1-Dichloropropene	8.229	75	11913	4.748	ug/l #	49
37) Ethyl Acetate	7.571	43	2484	0.777	ug/l #	72
38) Carbon Tetrachloride	8.224	117	14370	5.082	ug/l #	18
43) Isopropyl Acetate	8.694	43	126047	21.103	ug/l #	82
48) Methyl methacrylate	9.659	41	3827	1.554	ug/l #	54
51) 4-Methyl-2-Pentanone	10.447	43	10546	3.442	ug/l #	78
54) cis-1,3-Dichloropropene	10.359	75	31047	10.184	ug/l #	70
56) Ethyl methacrylate	10.982	69	1842	0.654	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	1975	0.628	ug/l #	43
59) 2-Hexanone	11.176	43	139210	59.786	ug/l #	28
71) Bromoform	12.847	173	1146	0.683	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	59600	24.163	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	59600	57.808	ug/l #	6

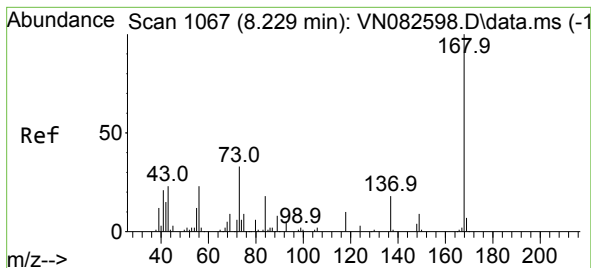
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082726.D

Acq: 25 Jun 2024 18:38

Instrument :

MSVOA_N

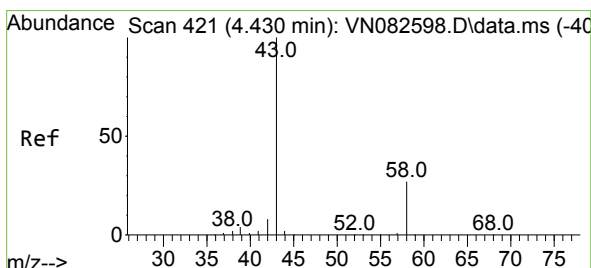
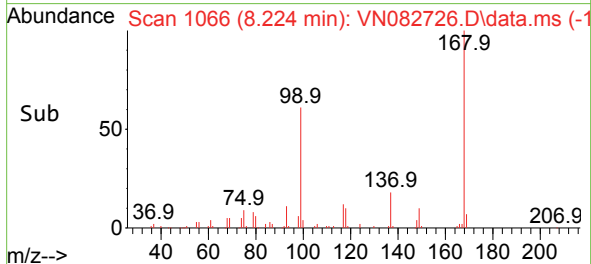
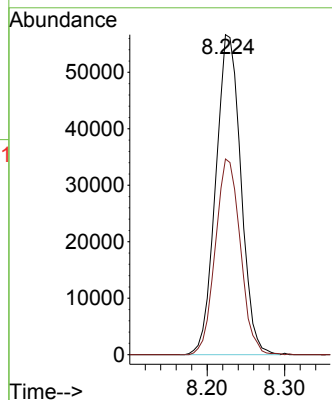
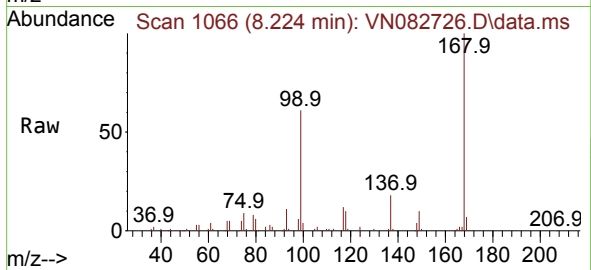
ClientSampleId :

Tgt Ion:168 Resp: 128052

Ion Ratio Lower Upper

168 100

99 61.2 48.2 72.4



#16

Acetone

Concen: 36.198 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.000 min

Lab File: VN082726.D

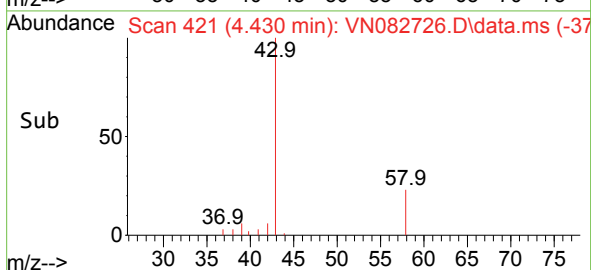
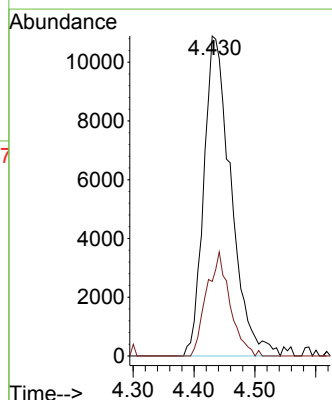
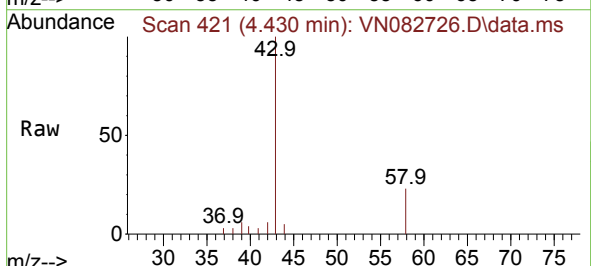
Acq: 25 Jun 2024 18:38

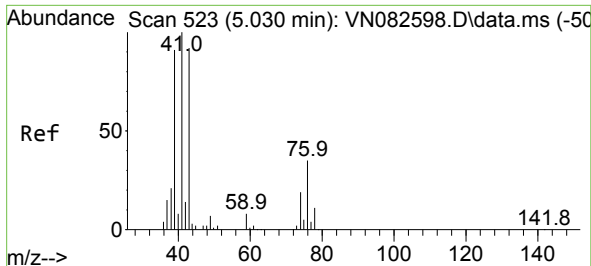
Tgt Ion: 43 Resp: 33805

Ion Ratio Lower Upper

43 100

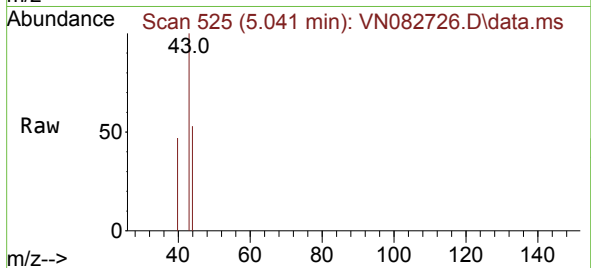
58 23.3 21.8 32.6



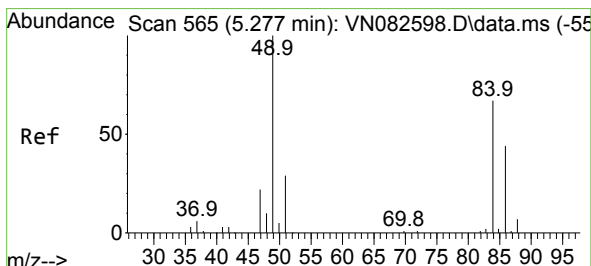
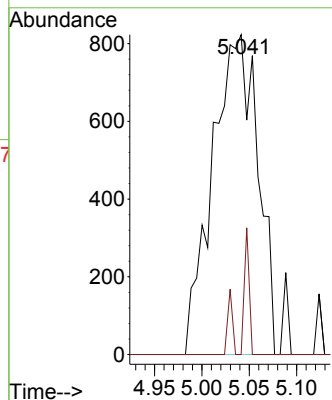
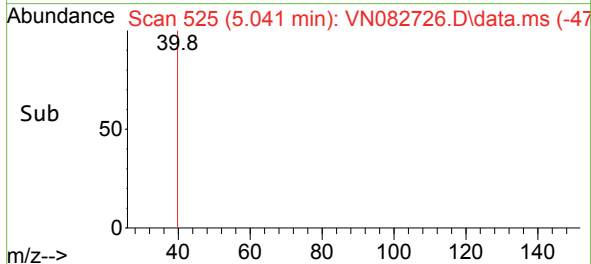


#18
Methyl Acetate
Concen: 1.198 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082726.D
Acq: 25 Jun 2024 18:38

Instrument :
MSVOA_N
ClientSampleId :

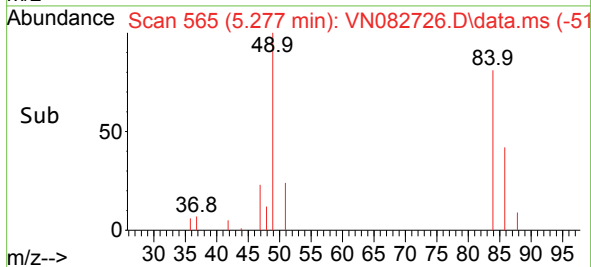
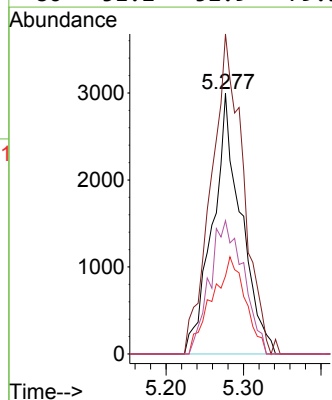
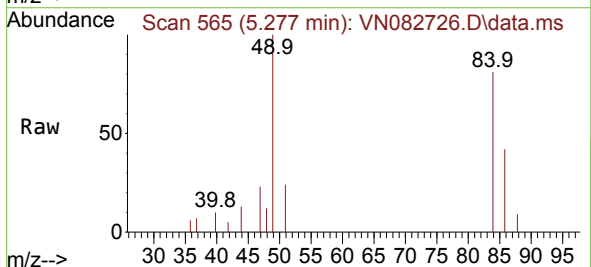


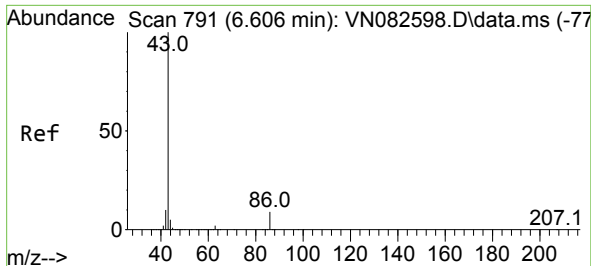
Tgt Ion: 43 Resp: 2737
Ion Ratio Lower Upper
43 100
74 4.2 16.3 24.5#



#20
Methylene Chloride
Concen: 4.654 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082726.D
Acq: 25 Jun 2024 18:38

Tgt Ion: 84 Resp: 7641
Ion Ratio Lower Upper
84 100
49 122.8 119.6 179.4
51 29.9 34.8 52.2#
86 51.2 52.9 79.3#

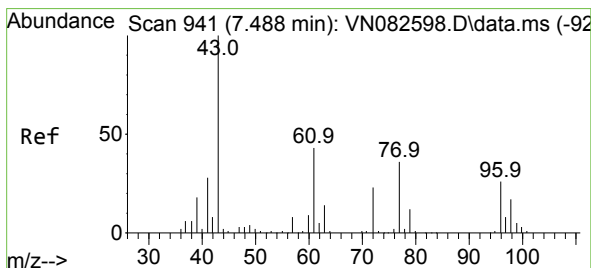
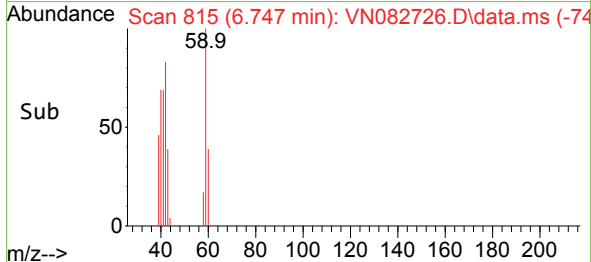
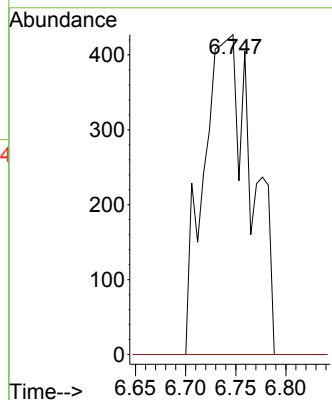
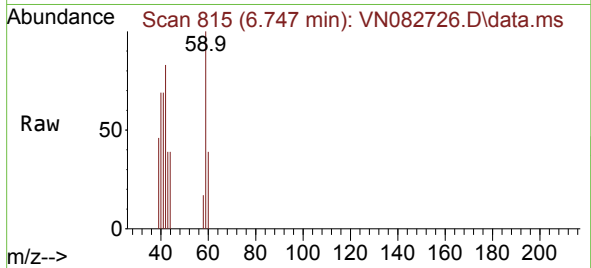




#23
 Vinyl Acetate
 Concen: 0.310 ug/l
 RT: 6.747 min Scan# 815
 Delta R.T. 0.141 min
 Lab File: VN082726.D
 Acq: 25 Jun 2024 18:38

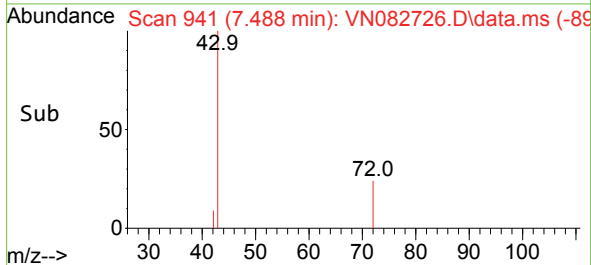
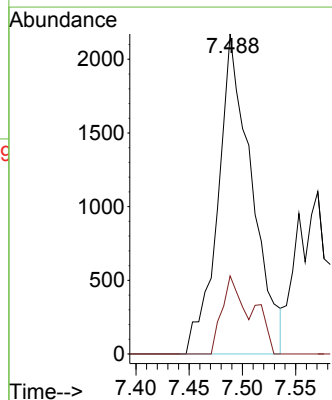
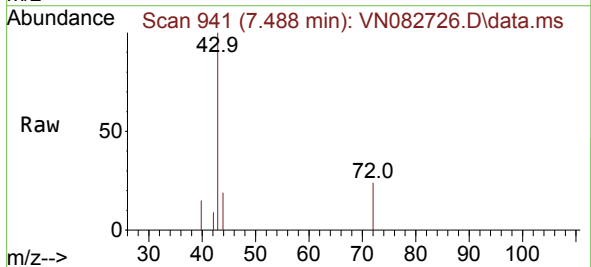
Instrument :
 MSVOA_N
 ClientSampleId :

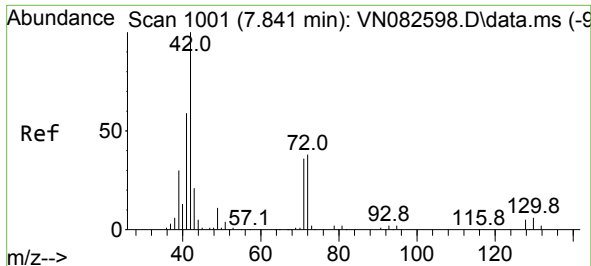
Tgt Ion: 43 Resp: 1439
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.3 10.9#



#25
 2-Butanone
 Concen: 3.621 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082726.D
 Acq: 25 Jun 2024 18:38

Tgt Ion: 43 Resp: 4806
 Ion Ratio Lower Upper
 43 100
 72 24.4 18.2 27.2





#29

Tetrahydrofuran

Concen: 0.801 ug/l

RT: 7.853 min Scan# 10

Delta R.T. 0.012 min

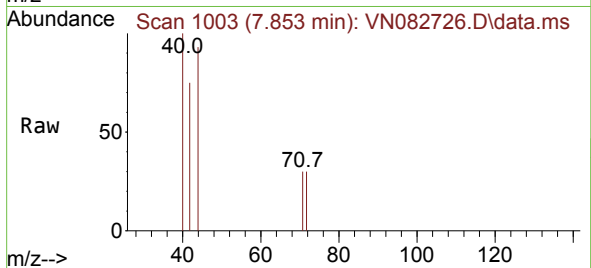
Lab File: VN082726.D

Acq: 25 Jun 2024 18:38

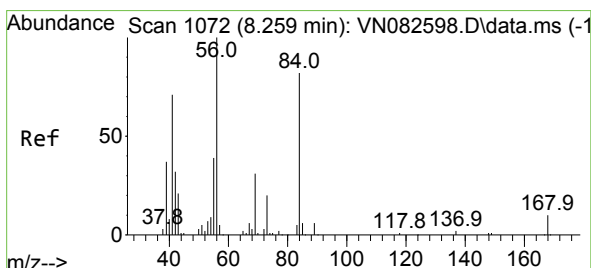
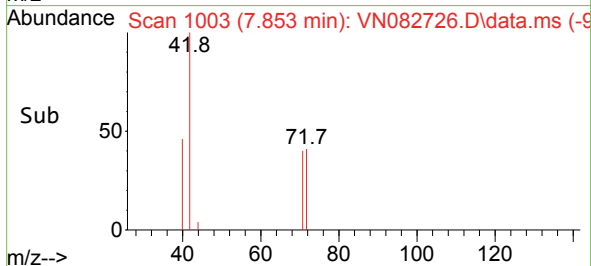
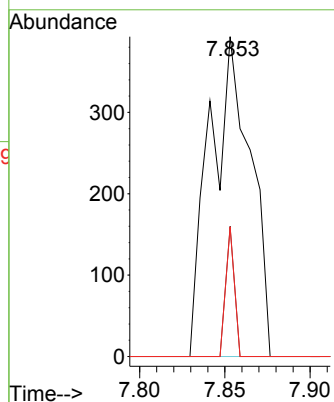
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	651
Ion	Ratio	Lower	Upper
42	100		
72	8.6	30.0	45.0#
71	8.6	28.3	42.5#



#31

Cyclohexane

Concen: 1.272 ug/l

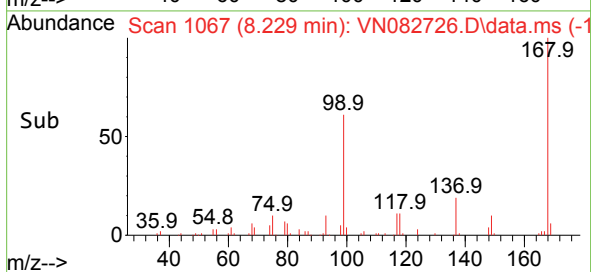
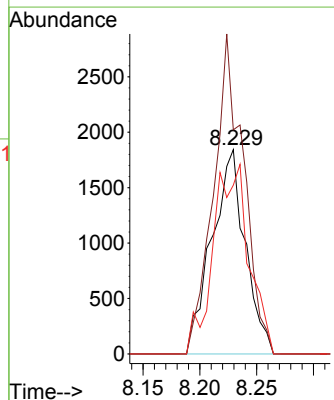
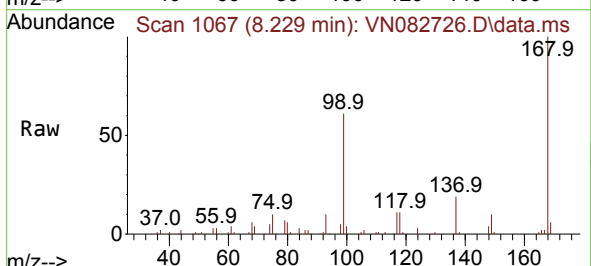
RT: 8.229 min Scan# 1067

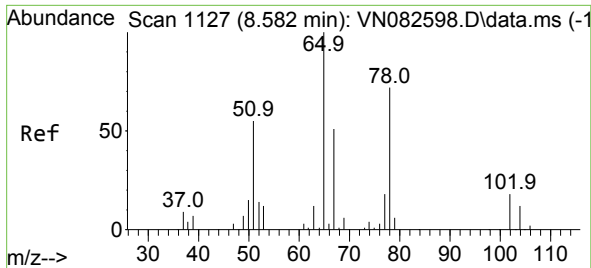
Delta R.T. -0.029 min

Lab File: VN082726.D

Acq: 25 Jun 2024 18:38

Tgt Ion:	56	Resp:	3771
Ion	Ratio	Lower	Upper
56	100		
69	109.7	24.5	36.7#
84	82.6	66.0	99.0

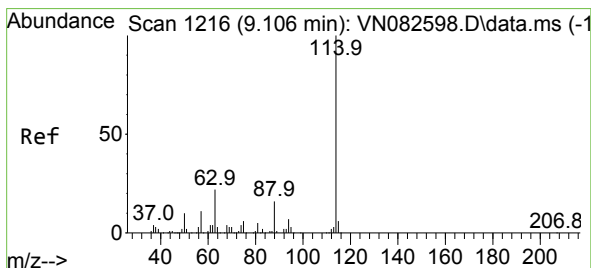
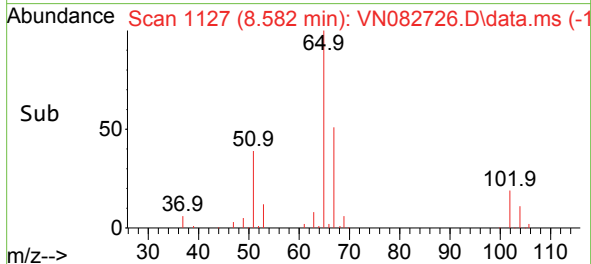
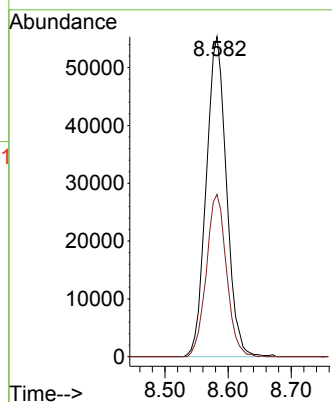
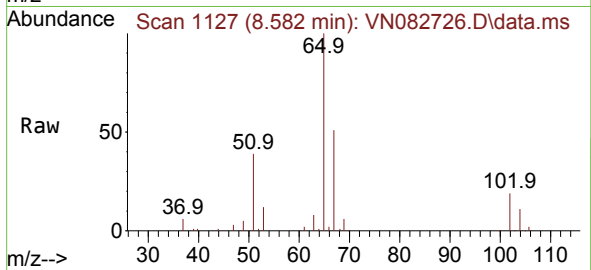




#33
 1,2-Dichloroethane-d4
 Concen: 59.983 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082726.D
 Acq: 25 Jun 2024 18:38

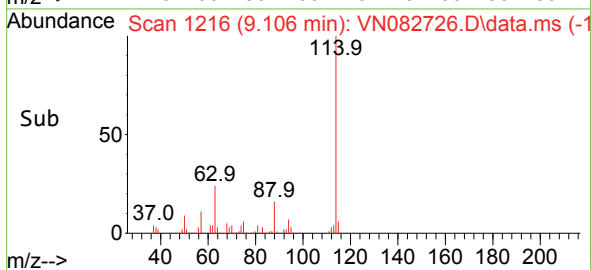
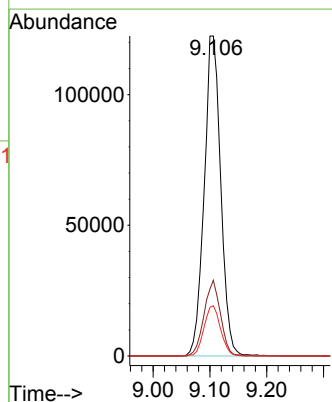
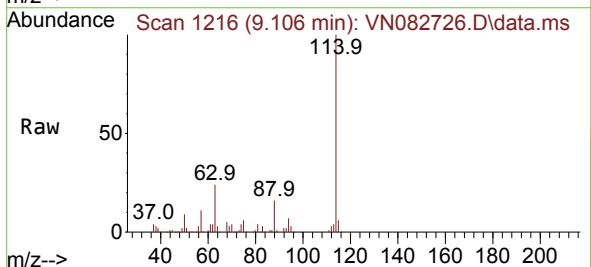
Instrument :
 MSVOA_N
 ClientSampleId :

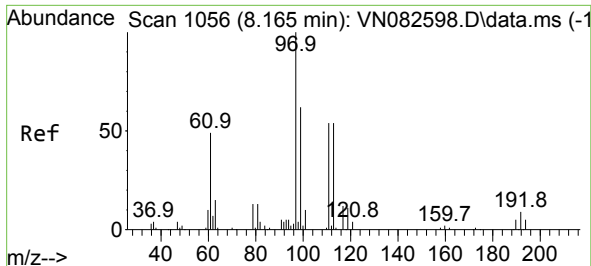
Tgt Ion: 65 Resp: 123174
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082726.D
 Acq: 25 Jun 2024 18:38

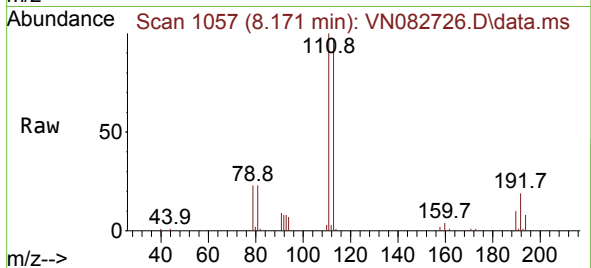
Tgt Ion: 114 Resp: 247412
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 44.6
 88 15.7 0.0 31.4



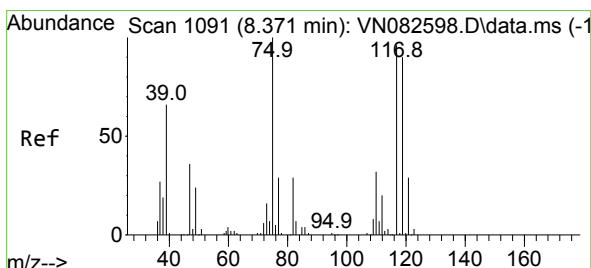
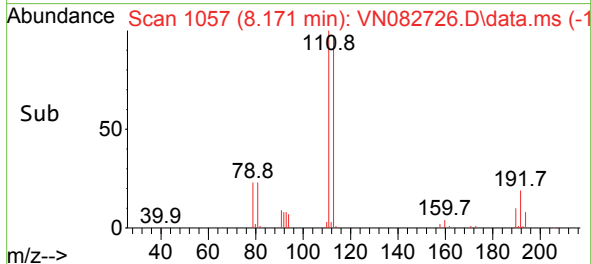
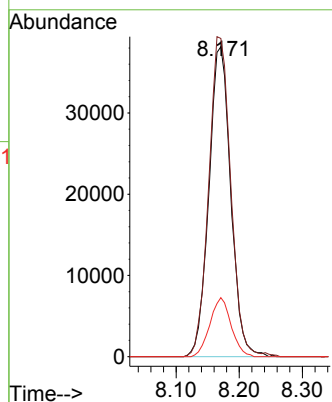


#35
 Dibromofluoromethane
 Concen: 54.581 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN082726.D
 Acq: 25 Jun 2024 18:38

Instrument :
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 ClientSampleId :

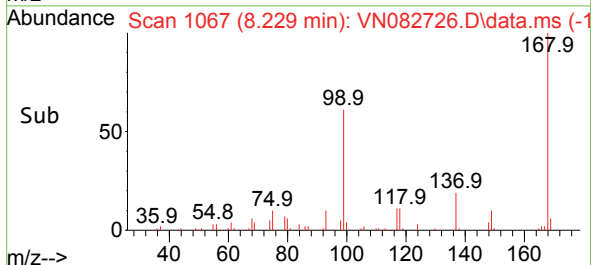
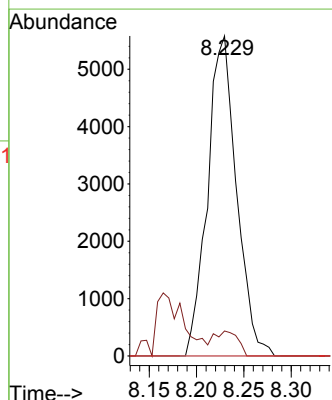
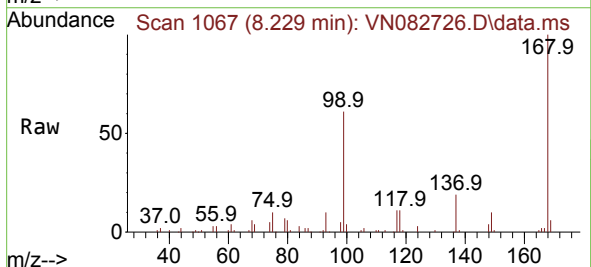


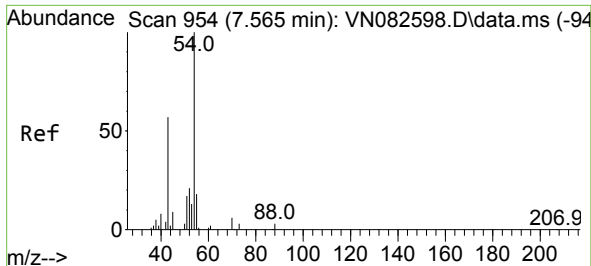
Tgt Ion:113 Resp: 91610
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.4 123.6
 192 18.5 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 4.748 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.141 min
 Lab File: VN082726.D
 Acq: 25 Jun 2024 18:38

Tgt Ion: 75 Resp: 11913
 Ion Ratio Lower Upper
 75 100
 110 6.3 16.3 48.9#
 77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.777 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

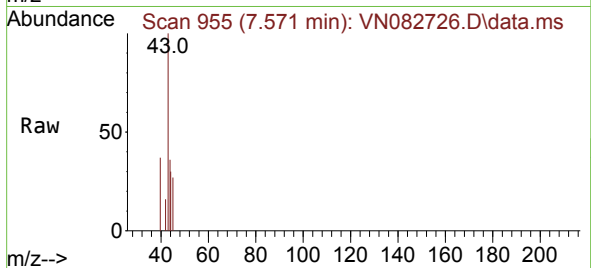
Lab File: VN082726.D

Acq: 25 Jun 2024 18:38

Instrument :

MSVOA_N

ClientSampleId :



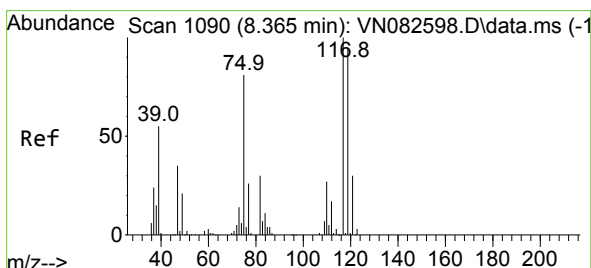
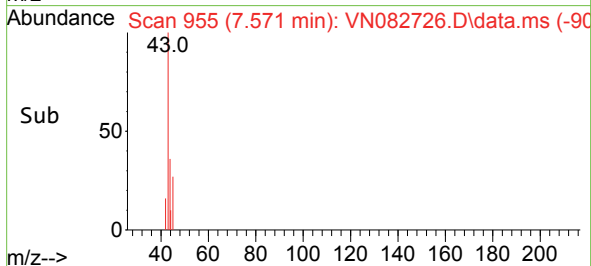
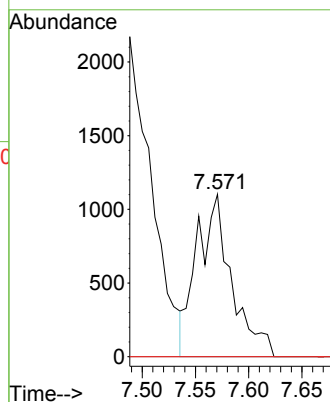
Tgt Ion: 43 Resp: 2484

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.082 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082726.D

Acq: 25 Jun 2024 18:38

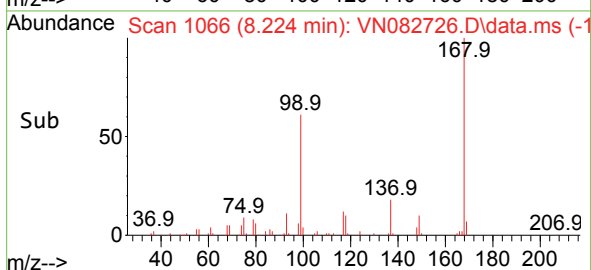
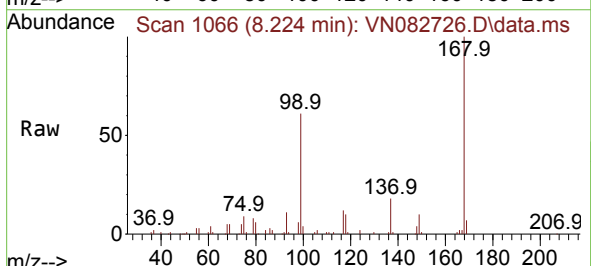
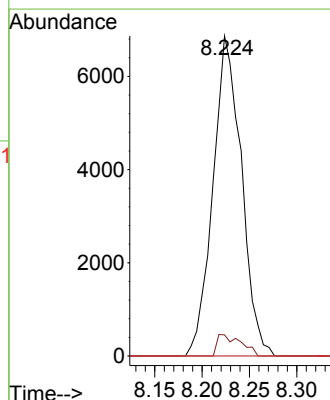
Tgt Ion: 117 Resp: 14370

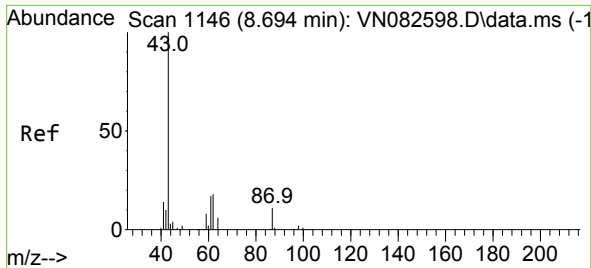
Ion Ratio Lower Upper

117 100

119 6.6 74.9 112.3#

121 0.0 24.3 36.5#

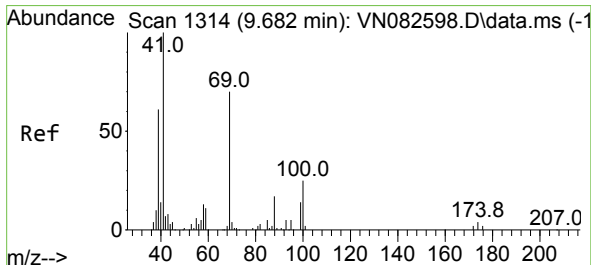
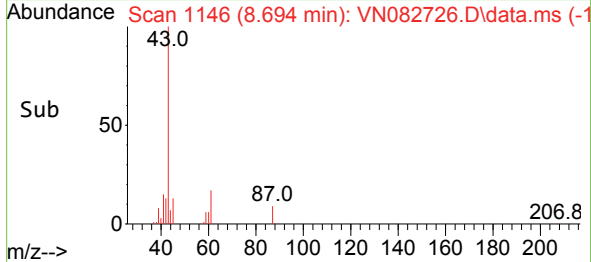
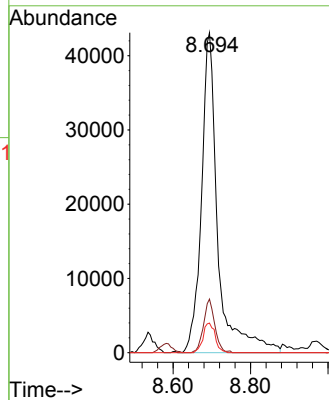
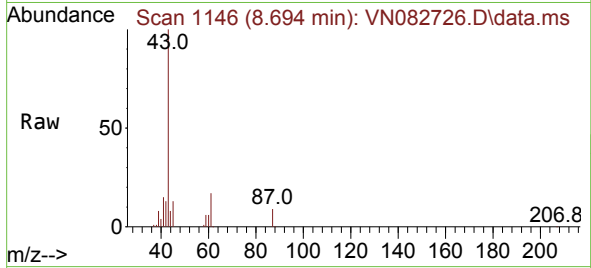




#43
Isopropyl Acetate
Concen: 21.103 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082726.D
Acq: 25 Jun 2024 18:38

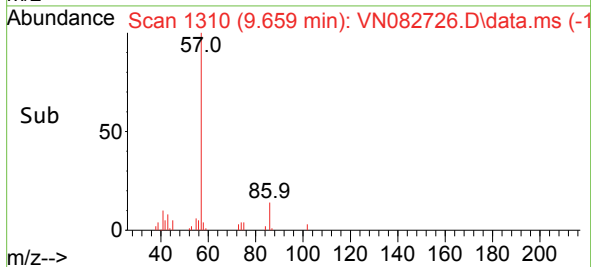
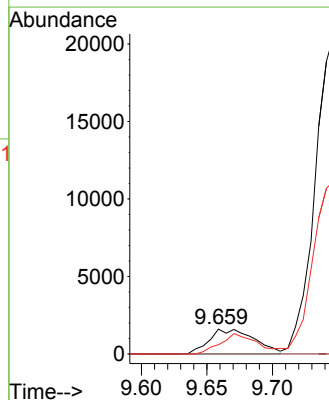
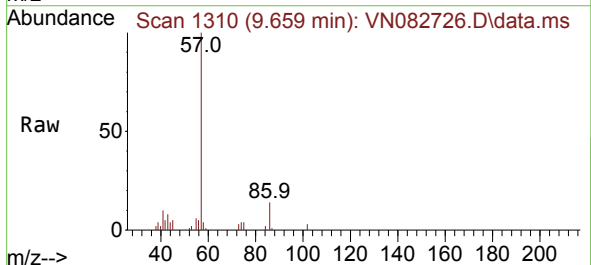
Instrument :
MSVOA_N
ClientSampleId :

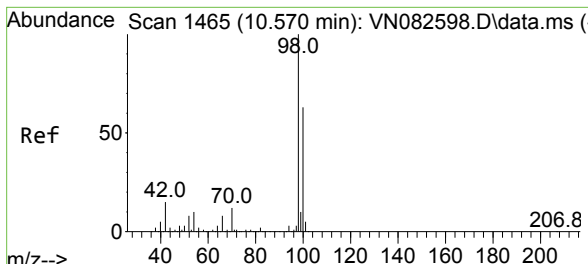
Tgt Ion: 43 Resp: 126047
Ion Ratio Lower Upper
43 100
61 11.5 17.8 26.6#
87 6.8 8.2 12.2#



#48
Methyl methacrylate
Concen: 1.554 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.023 min
Lab File: VN082726.D
Acq: 25 Jun 2024 18:38

Tgt Ion: 41 Resp: 3827
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 64.3 50.3 75.5

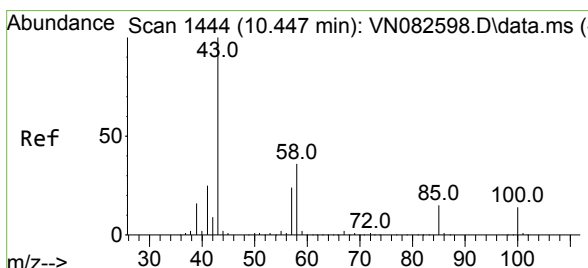
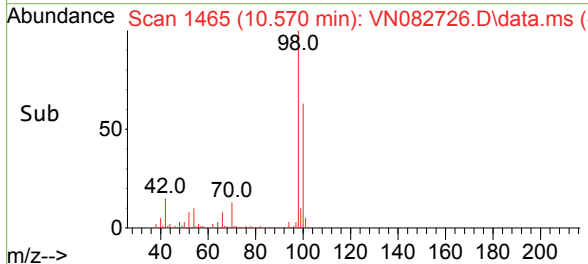
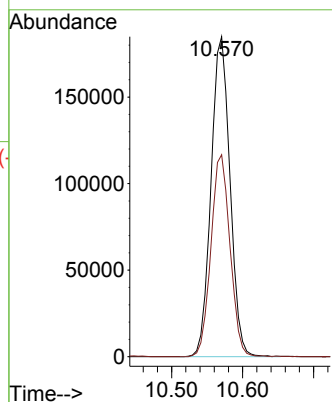
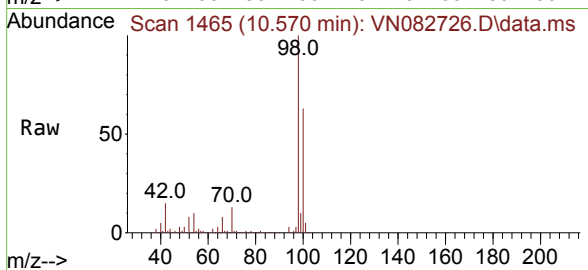




#50
Toluene-d8
Concen: 53.874 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082726.D
Acq: 25 Jun 2024 18:38

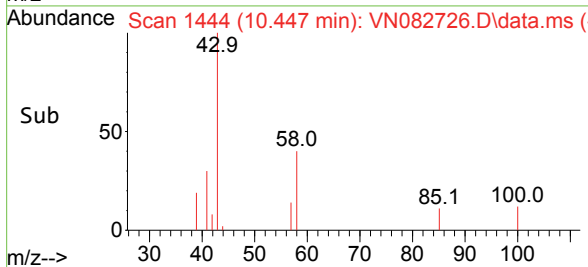
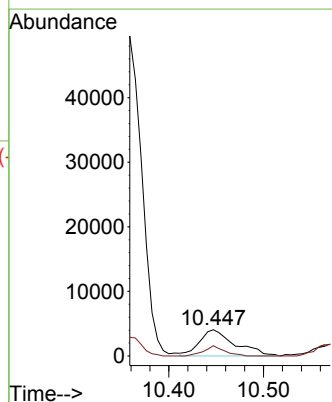
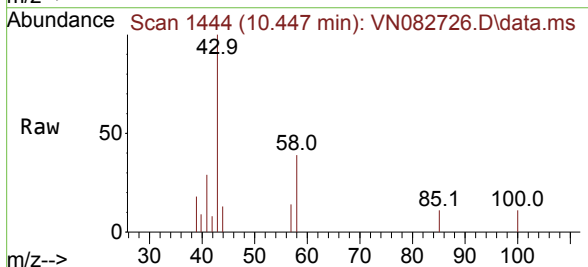
Instrument :
MSVOA_N
ClientSampleId :

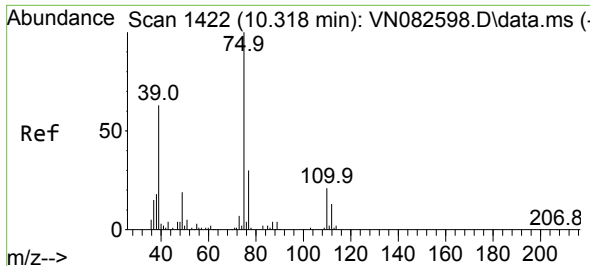
Tgt Ion: 98 Resp: 341949
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 3.442 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082726.D
Acq: 25 Jun 2024 18:38

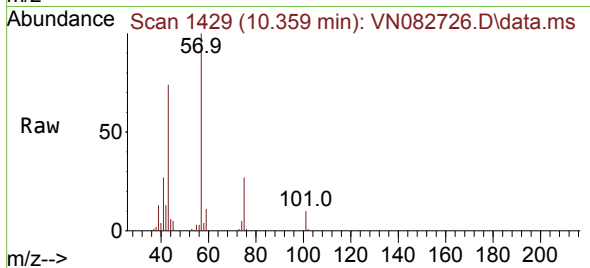
Tgt Ion: 43 Resp: 10546
Ion Ratio Lower Upper
43 100
58 22.3 28.2 42.4#



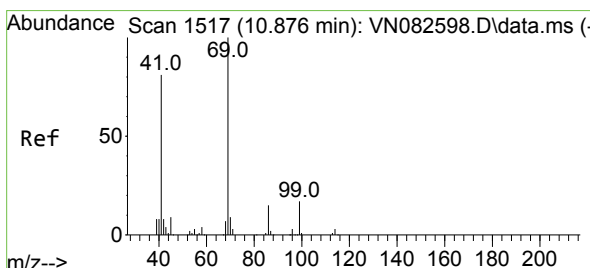
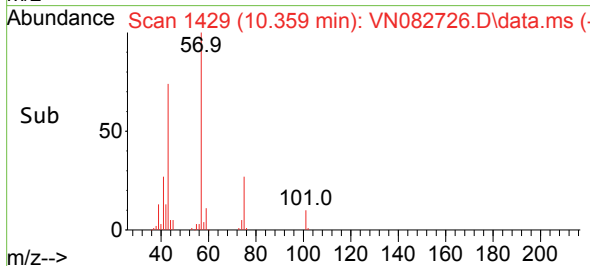
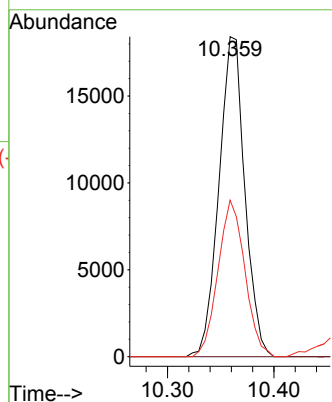


#54
cis-1,3-Dichloropropene
Concen: 10.184 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082726.D
Acq: 25 Jun 2024 18:38

Instrument :
MSVOA_N
ClientSampleId :

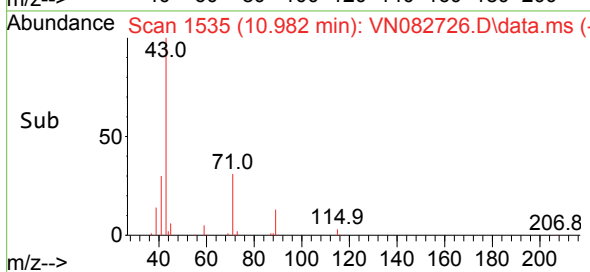
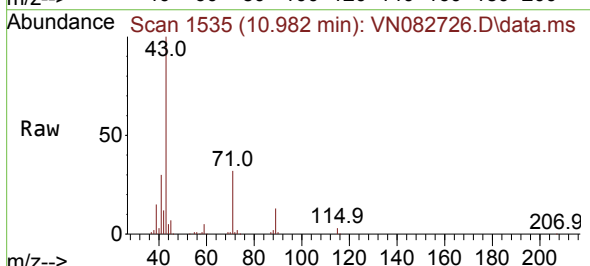
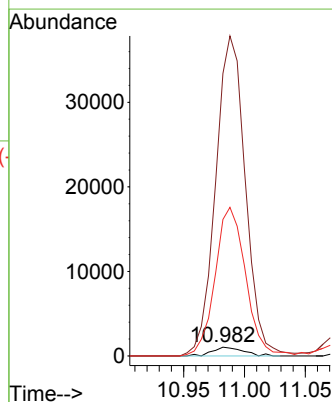


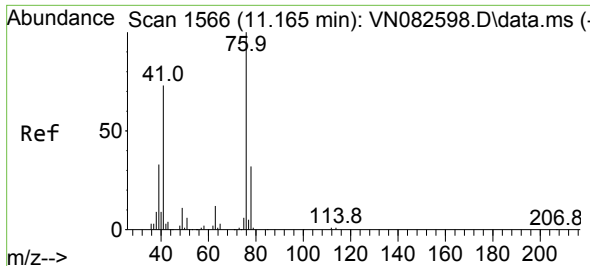
Tgt Ion: 75 Resp: 31047
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 48.9 50.5 75.7#



#56
Ethyl methacrylate
Concen: 0.654 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.106 min
Lab File: VN082726.D
Acq: 25 Jun 2024 18:38

Tgt Ion: 69 Resp: 1842
Ion Ratio Lower Upper
69 100
41 3497.1 63.4 95.2#
39 1669.4 37.4 56.0#





#57

1,3-Dichloropropane

Concen: 0.628 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.035 min

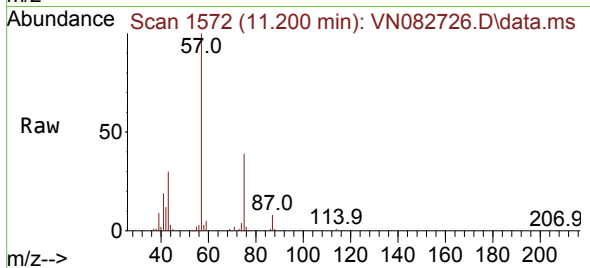
Lab File: VN082726.D

Acq: 25 Jun 2024 18:38

Instrument :

MSVOA_N

ClientSampleId :

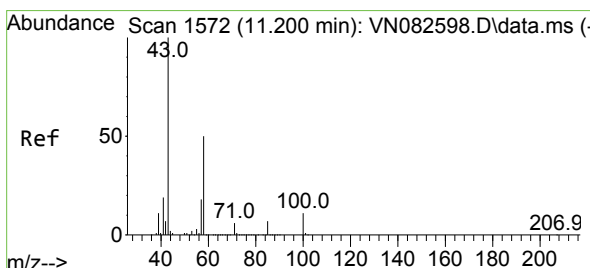
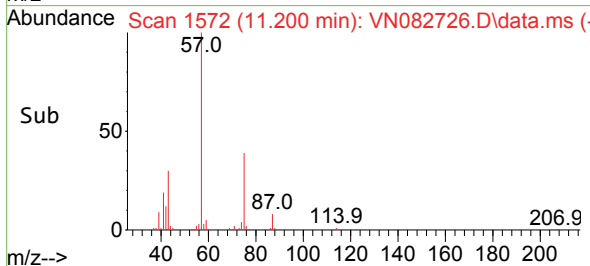
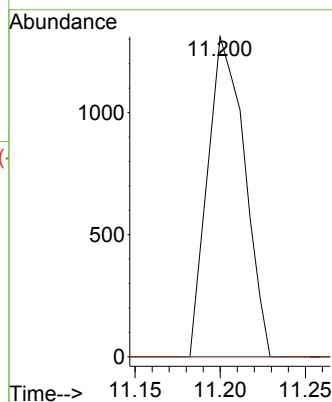


Tgt Ion: 76 Resp: 1975

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 59.786 ug/l

RT: 11.176 min Scan# 1568

Delta R.T. -0.024 min

Lab File: VN082726.D

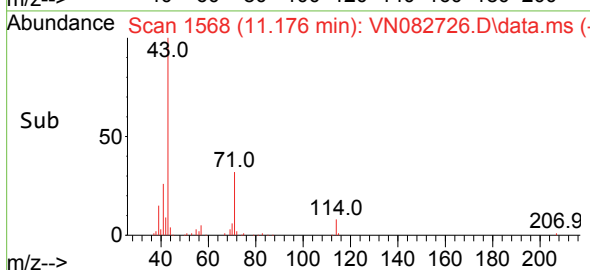
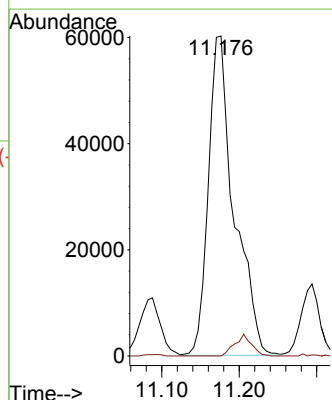
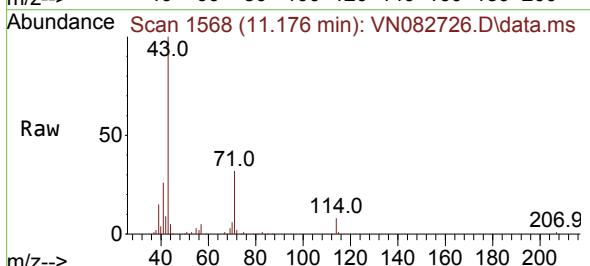
Acq: 25 Jun 2024 18:38

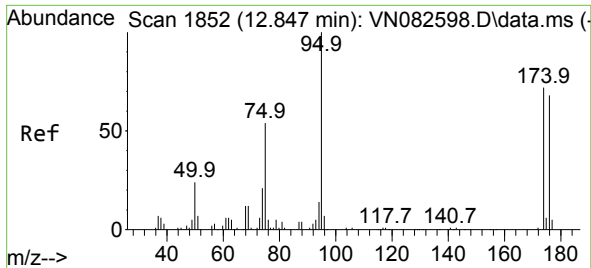
Tgt Ion: 43 Resp: 139210

Ion Ratio Lower Upper

43 100

58 0.0 24.6 73.8#

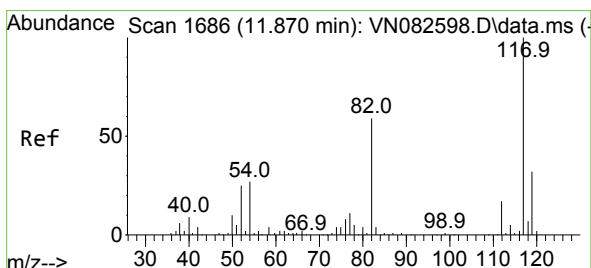
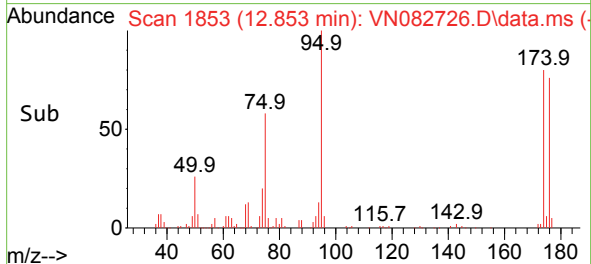
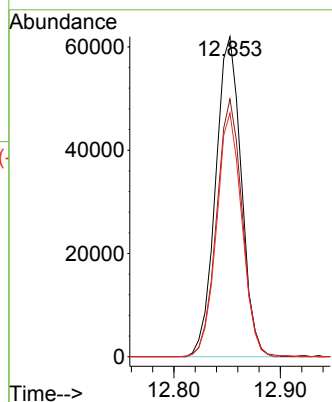
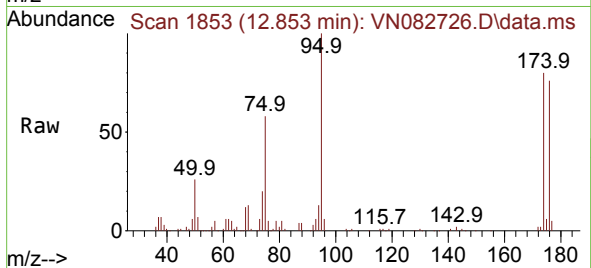




#62
4-Bromofluorobenzene
Concen: 47.331 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082726.D
Acq: 25 Jun 2024 18:38

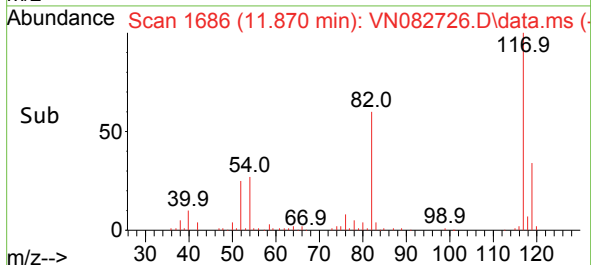
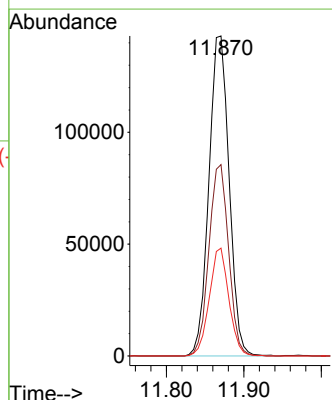
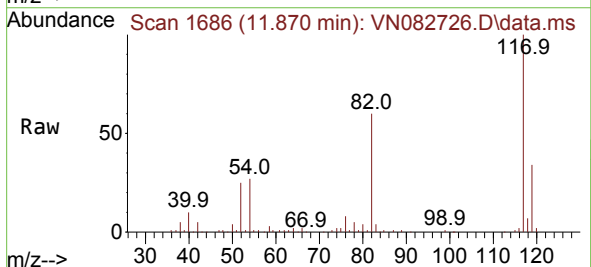
Instrument :
MSVOA_N
ClientSampleId :

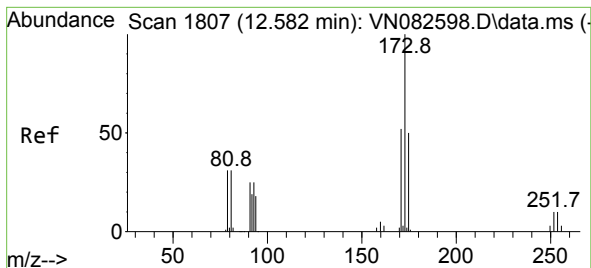
Tgt Ion: 95 Resp: 103574
Ion Ratio Lower Upper
95 100
174 80.3 0.0 159.2
176 75.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082726.D
Acq: 25 Jun 2024 18:38

Tgt Ion: 117 Resp: 259470
Ion Ratio Lower Upper
117 100
82 59.8 47.5 71.3
119 33.7 25.6 38.4





#71

Bromoform

Concen: 0.683 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

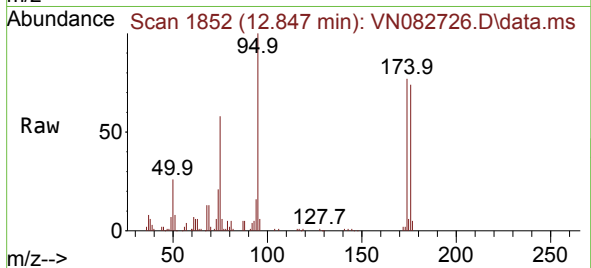
Lab File: VN082726.D

Acq: 25 Jun 2024 18:38

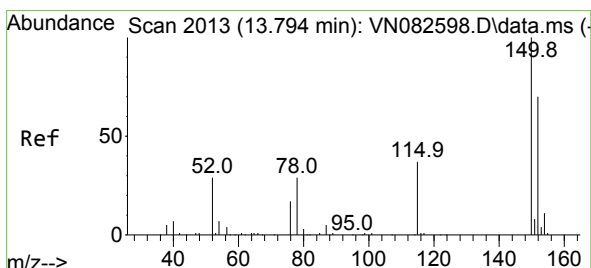
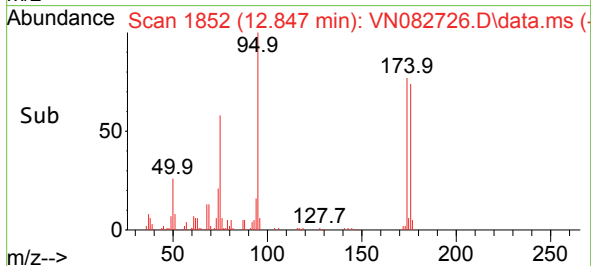
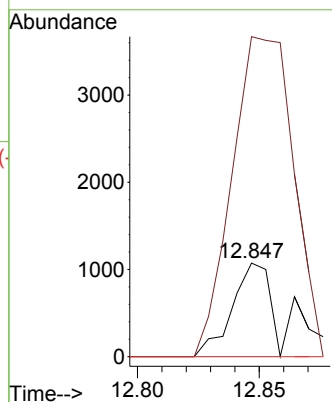
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	1146
Ion Ratio	Lower	Upper	
173	100		
175	468.3	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

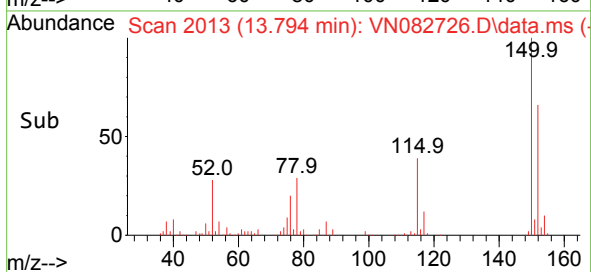
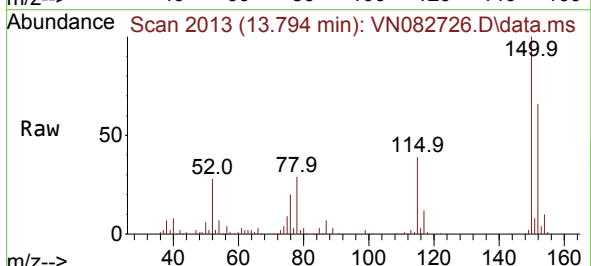
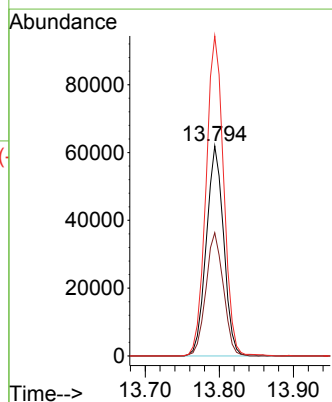
RT: 13.794 min Scan# 2013

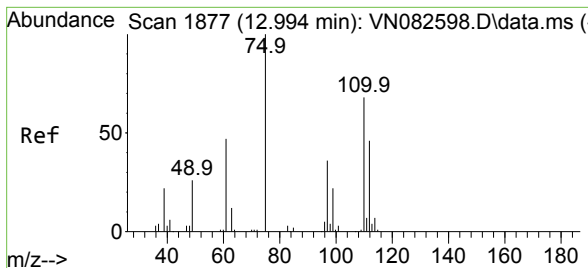
Delta R.T. 0.000 min

Lab File: VN082726.D

Acq: 25 Jun 2024 18:38

Tgt Ion:	152	Resp:	100848
Ion Ratio	Lower	Upper	
152	100		
115	59.1	30.6	91.6
150	154.6	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 24.163 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082726.D

Acq: 25 Jun 2024 18:38

Instrument :

MSVOA_N

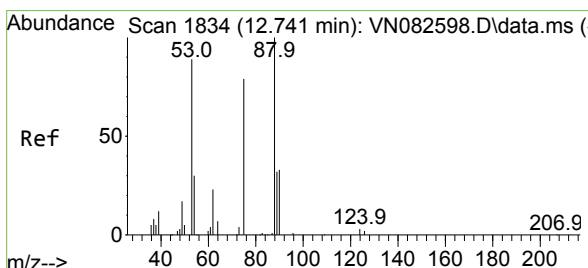
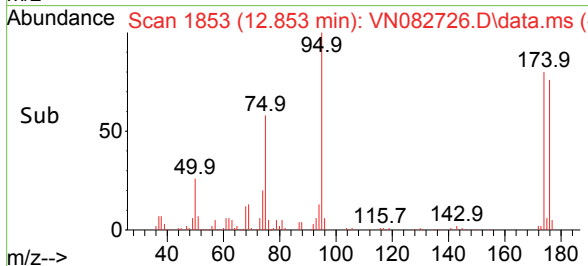
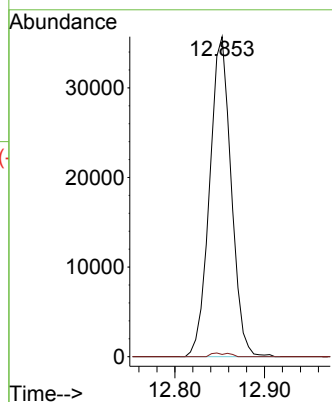
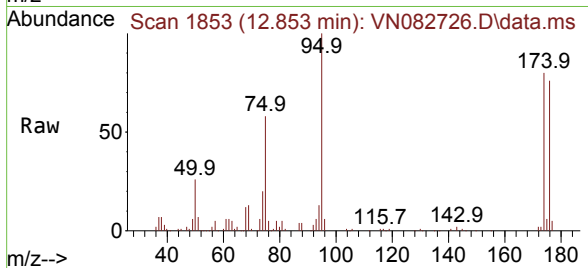
ClientSampleId :

Tgt Ion: 75 Resp: 59600

Ion Ratio Lower Upper

75 100

77 1.0 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.808 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082726.D

Acq: 25 Jun 2024 18:38

Tgt Ion: 75 Resp: 59600

Ion Ratio Lower Upper

75 100

53 0.1 88.4 132.6#

89 0.0 36.3 54.5#

