

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082747.D
 Acq On : 28 Jun 2024 14:58
 Operator : JC\MD
 Sample : PB161828TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 28 23:04:56 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)

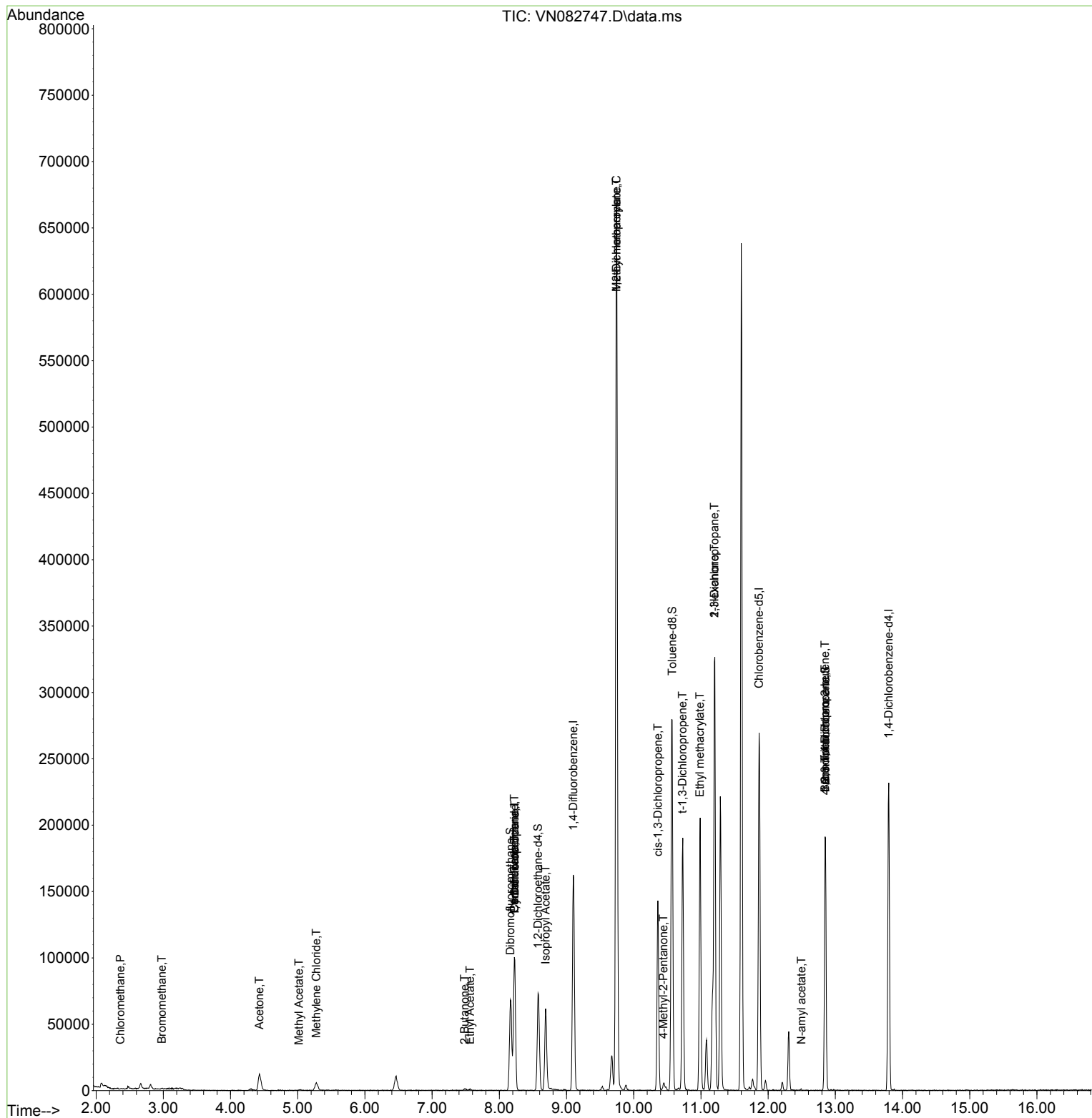
Internal Standards						
1) Pentafluorobenzene	8.224	168	69239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	139065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	150972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	61199	57.315	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.620%			
35) Dibromofluoromethane	8.165	113	48572	53.049	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.100%			
50) Toluene-d8	10.571	98	192863	56.325	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.640%			
62) 4-Bromofluorobenzene	12.853	95	62755	53.367	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 106.740%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	231	0.209	ug/l #	43
5) Bromomethane	2.977	94	275	0.330	ug/l #	1
16) Acetone	4.430	43	23859	58.976	ug/l	91
18) Methyl Acetate	5.018	43	864	0.803	ug/l #	69
20) Methylene Chloride	5.277	84	4498	4.394	ug/l	85
25) 2-Butanone	7.483	43	2415	3.907	ug/l #	53
31) Cyclohexane	8.224	56	1979	1.315	ug/l #	22
36) 1,1-Dichloropropene	8.230	75	6254	4.752	ug/l #	51
37) Ethyl Acetate	7.565	43	2009	1.412	ug/l #	72
38) Carbon Tetrachloride	8.224	117	7776	5.052	ug/l #	18
43) Isopropyl Acetate	8.688	43	67593	27.406	ug/l #	93
45) 1,2-Dichloropropane	9.741	63	739	0.706	ug/l #	44
48) Methyl methacrylate	9.741	41	64356	58.793	ug/l #	52
51) 4-Methyl-2-Pentanone	10.441	43	5872	4.036	ug/l #	83
53) t-1,3-Dichloropropene	10.724	75	405	0.275	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	24134	15.585	ug/l #	62
56) Ethyl methacrylate	10.982	69	778	0.526	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	3343	1.935	ug/l #	43
59) 2-Hexanone	11.200	43	44086	40.868	ug/l #	58
71) Bromoform	12.847	173	691	0.751	ug/l #	1
74) N-amyl acetate	12.494	43	534	0.267	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	36533	27.252	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	36533	71.072	ug/l #	6

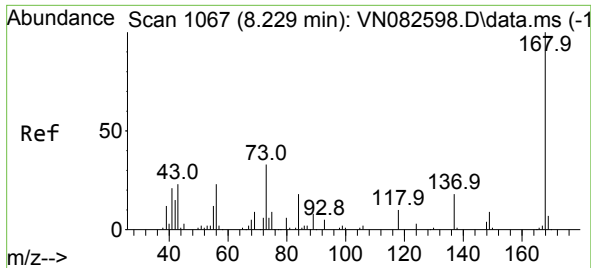
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN082747.D
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Sample : PB161828TB
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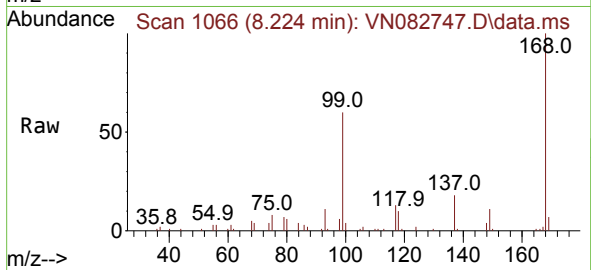
Quant Time: Jun 28 23:04:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



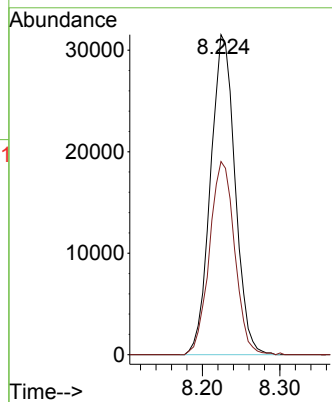
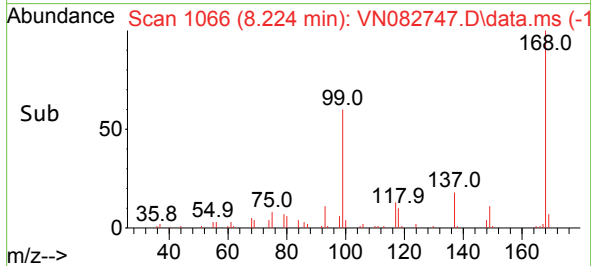


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

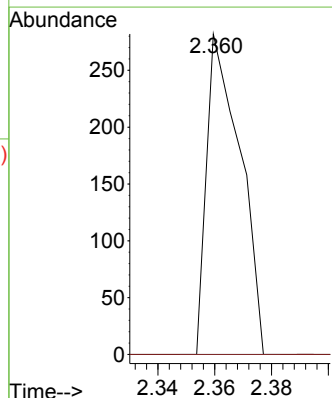
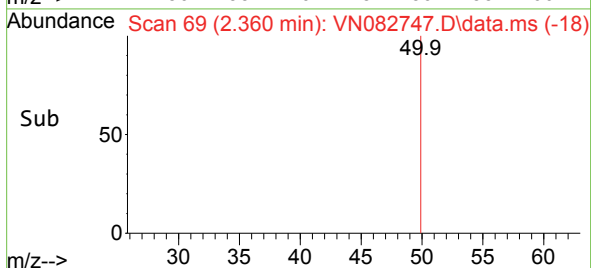
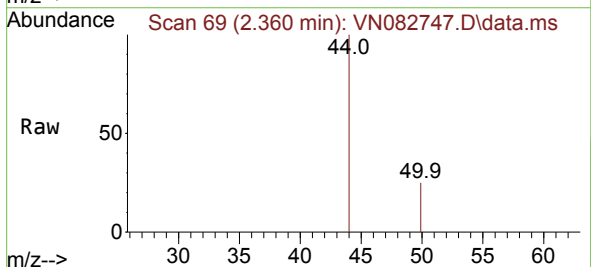


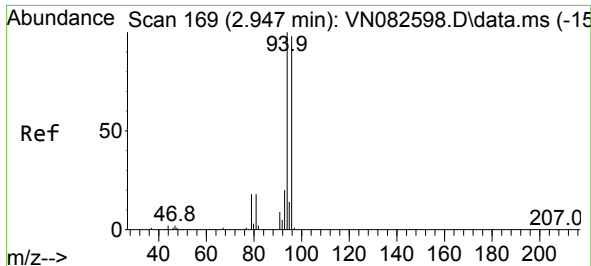
Tgt Ion:168 Resp: 69239
Ion Ratio Lower Upper
168 100
99 60.4 48.2 72.4



#3
Chloromethane
Concen: 0.209 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

Tgt Ion: 50 Resp: 231
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

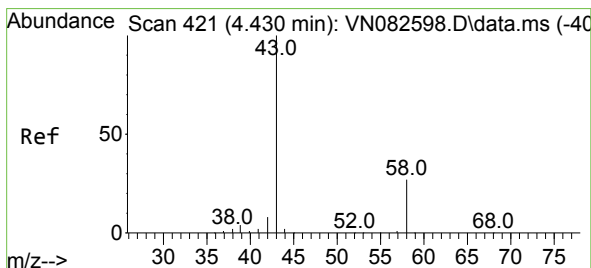
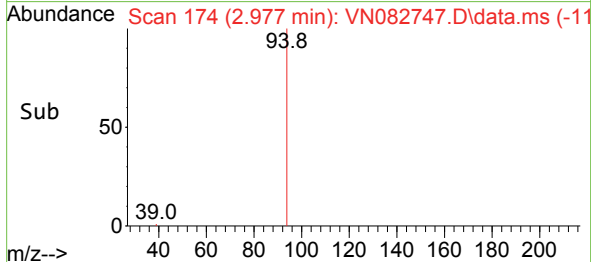
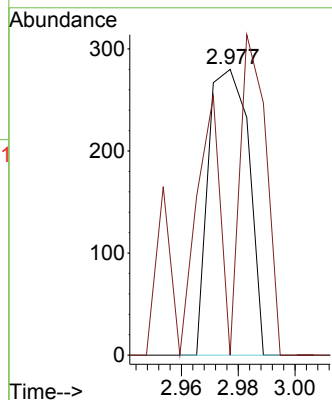
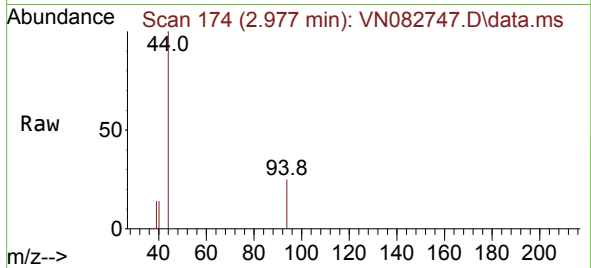




#5
Bromomethane
Concen: 0.330 ug/l
RT: 2.977 min Scan# 1
Delta R.T. 0.030 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

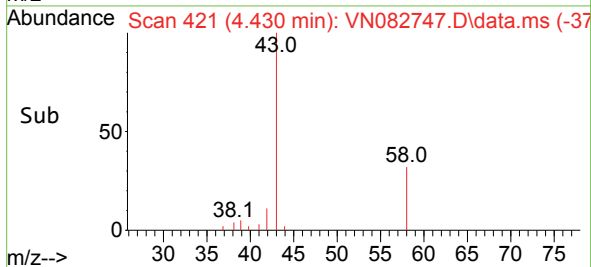
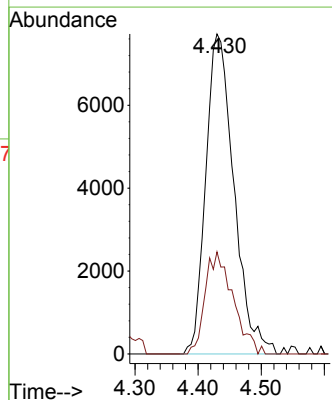
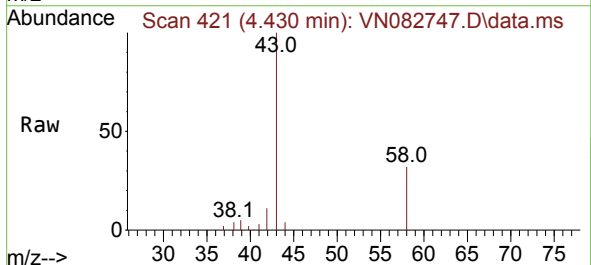
Instrument :
MSVOA_N
ClientSampleId :

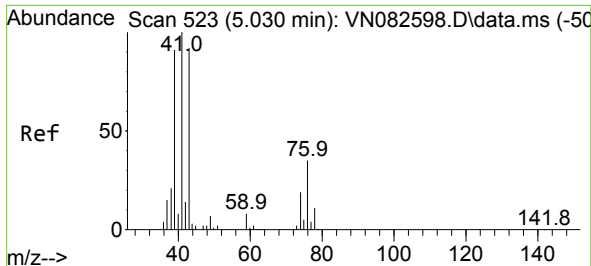
Tgt Ion: 94 Resp: 275
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#16
Acetone
Concen: 58.976 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

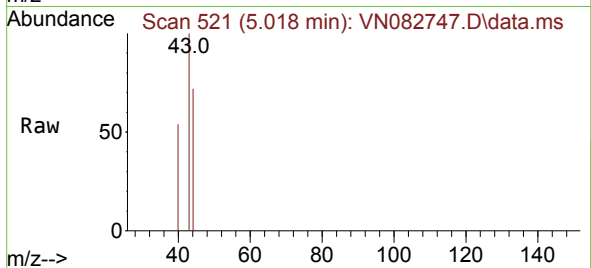
Tgt Ion: 43 Resp: 23859
Ion Ratio Lower Upper
43 100
58 31.9 21.8 32.6



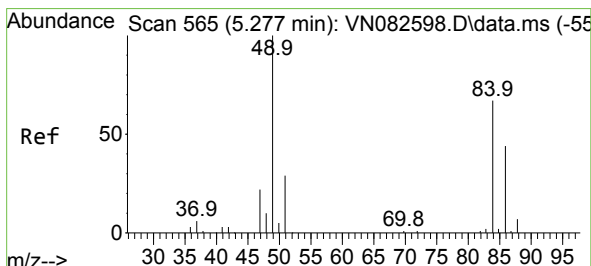
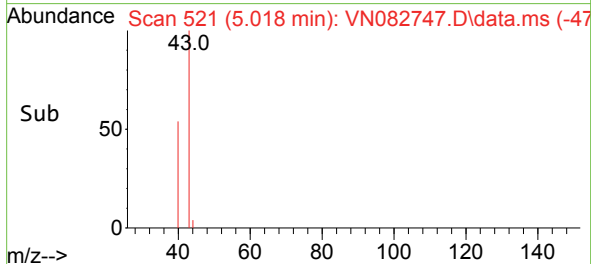
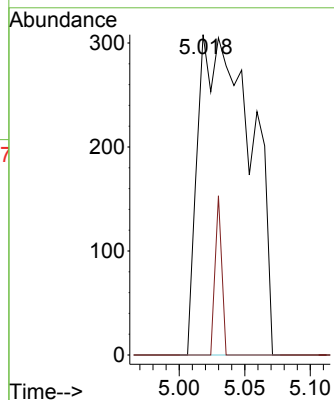


#18
Methyl Acetate
Concen: 0.803 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

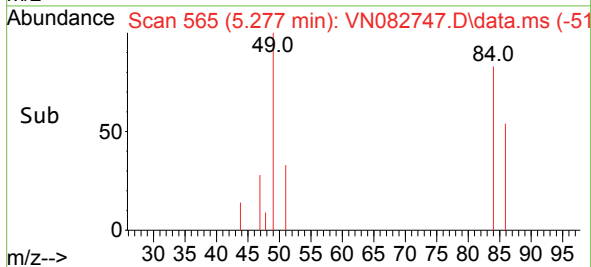
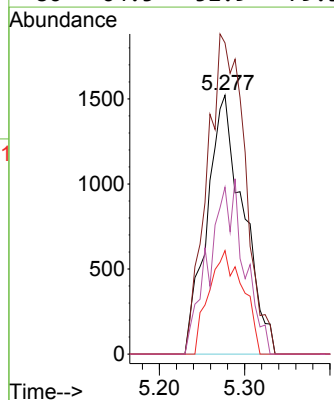
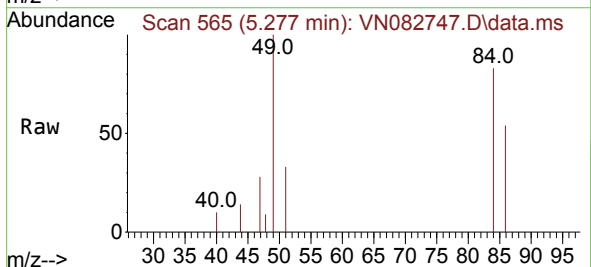


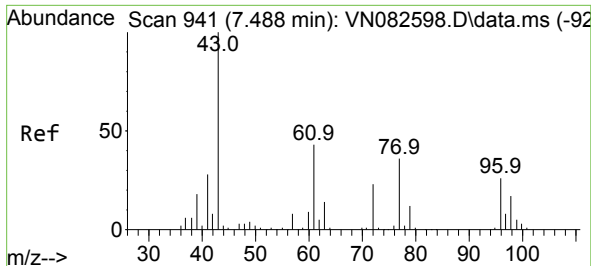
Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
74 6.3 16.3 24.5#



#20
Methylene Chloride
Concen: 4.394 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

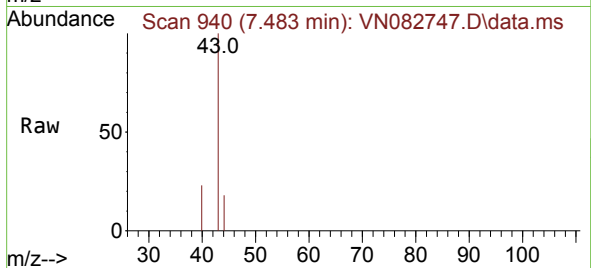
Tgt Ion: 84 Resp: 4498
Ion Ratio Lower Upper
84 100
49 120.2 119.6 179.4
51 39.9 34.8 52.2
86 64.5 52.9 79.3



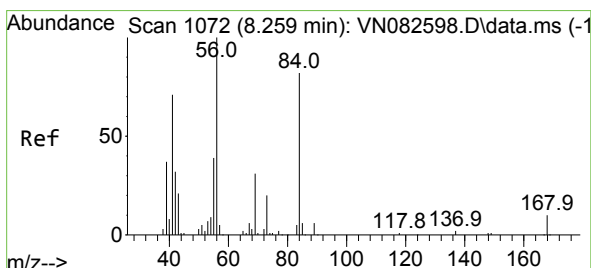
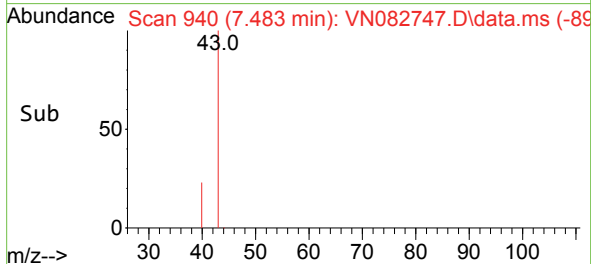
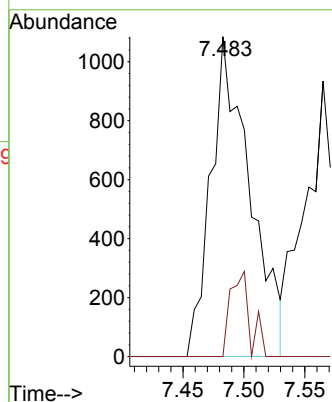


#25
2-Butanone
Concen: 3.907 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

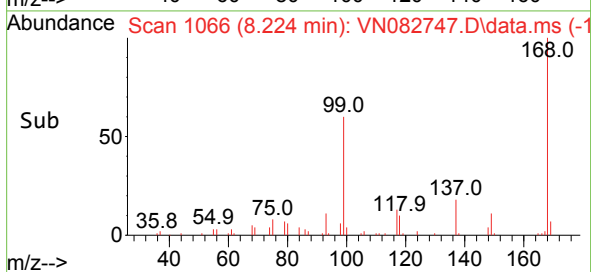
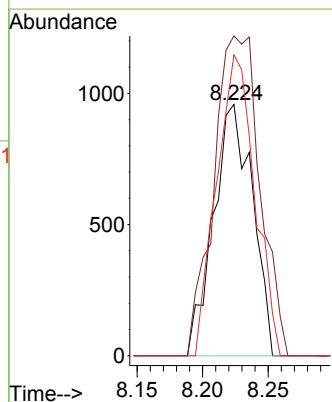
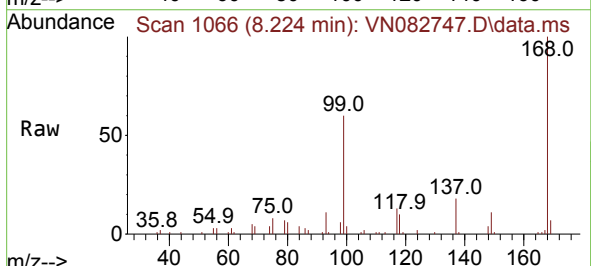


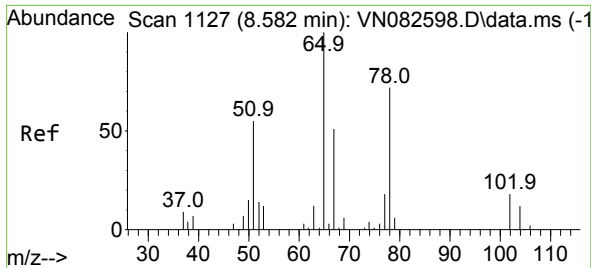
Tgt Ion: 43 Resp: 2415
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#31
Cyclohexane
Concen: 1.315 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

Tgt Ion: 56 Resp: 1979
Ion Ratio Lower Upper
56 100
69 127.2 24.5 36.7#
84 119.7 66.0 99.0#

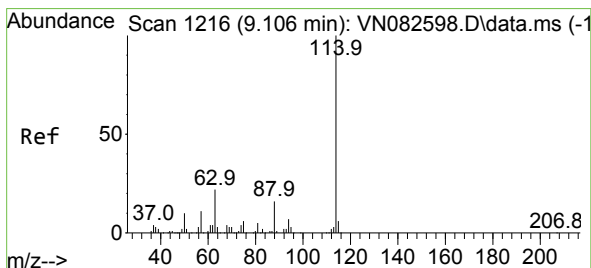
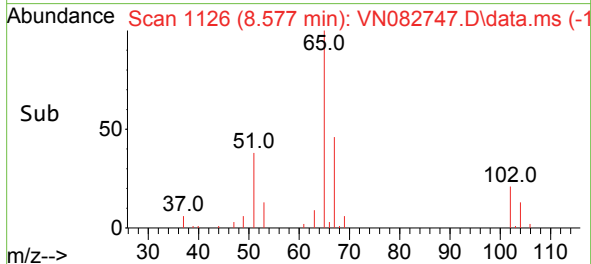
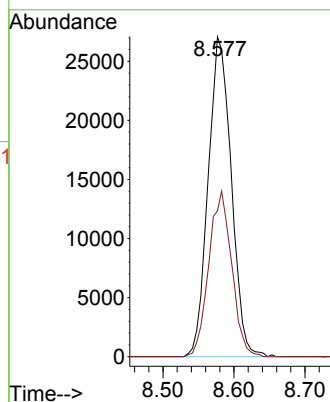
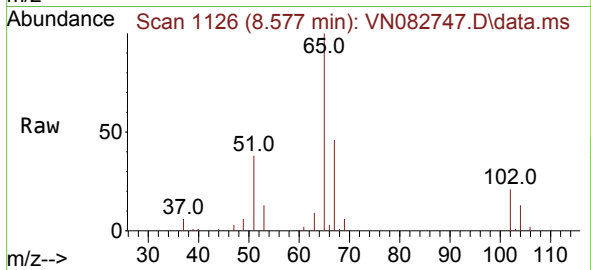




#33
 1,2-Dichloroethane-d4
 Concen: 57.315 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.005 min
 Lab File: VN082747.D
 Acq: 28 Jun 2024 14:58

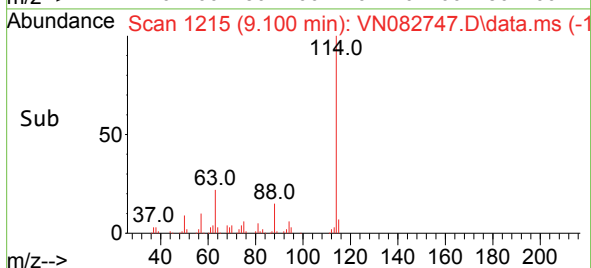
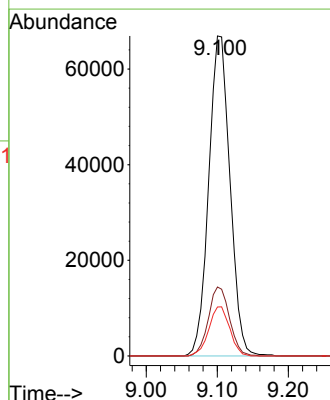
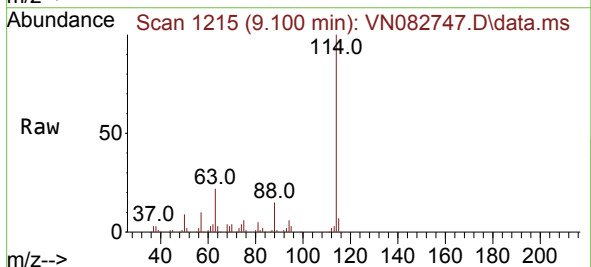
Instrument :
 MSVOA_N
 ClientSampleId :

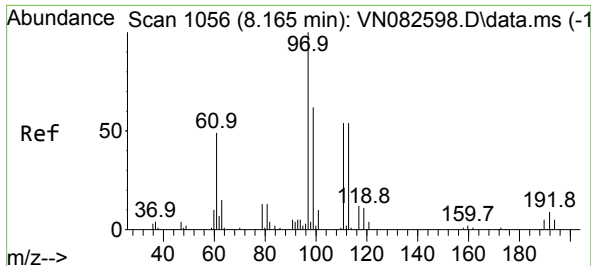
Tgt Ion: 65 Resp: 61199
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN082747.D
 Acq: 28 Jun 2024 14:58

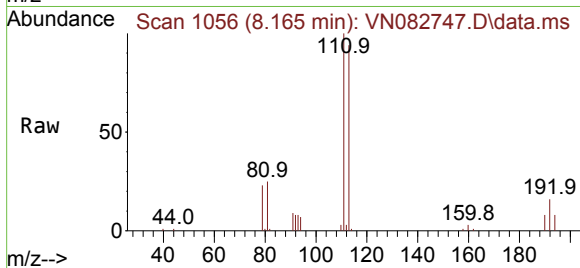
Tgt Ion: 114 Resp: 139065
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.6
 88 15.3 0.0 31.4



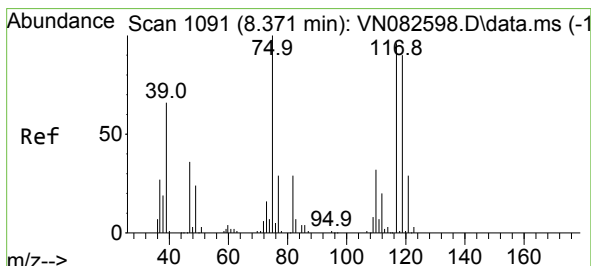
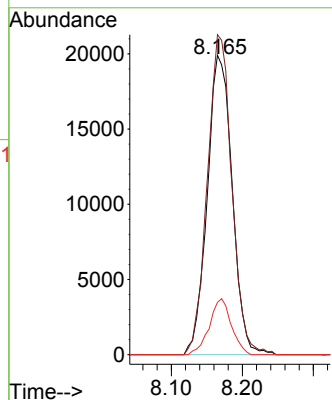
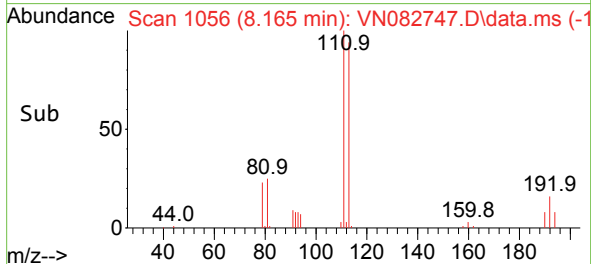


#35
Dibromofluoromethane
Concen: 53.049 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

Instrument :
MSVOA_N
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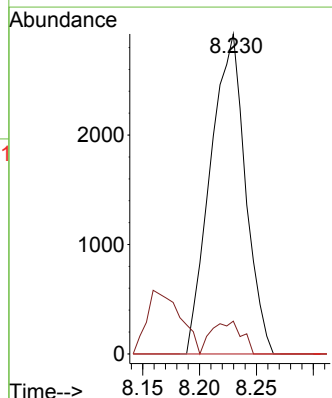
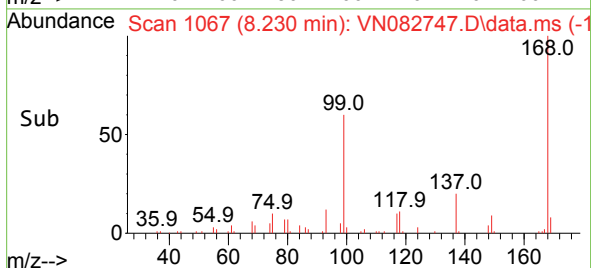
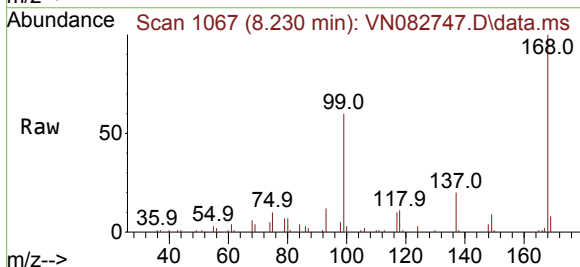


Tgt Ion:113 Resp: 48572
Ion Ratio Lower Upper
113 100
111 104.8 82.4 123.6
192 16.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.752 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

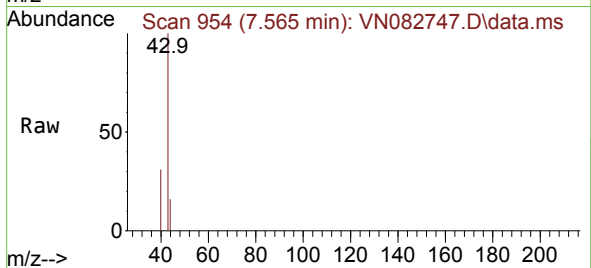
Tgt Ion: 75 Resp: 6254
Ion Ratio Lower Upper
75 100
110 8.9 16.3 48.9#
77 0.0 24.6 37.0#



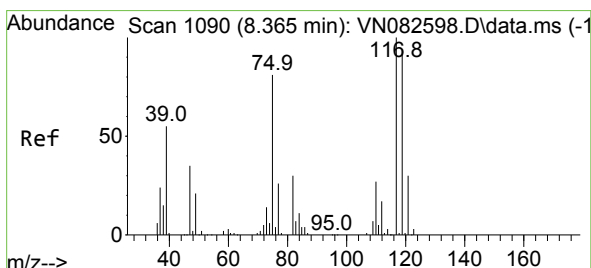
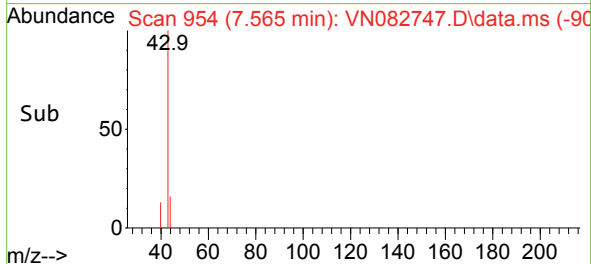
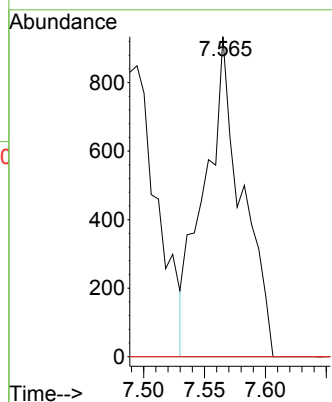


#37
Ethyl Acetate
Concen: 1.412 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

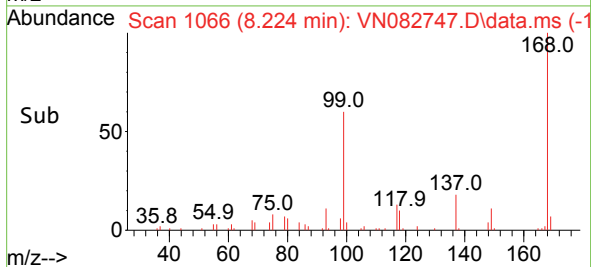
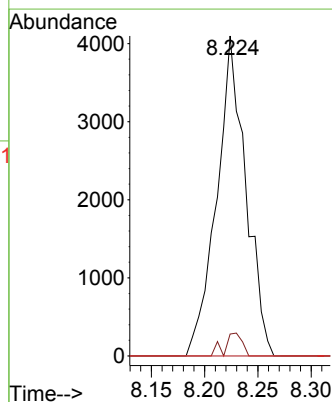
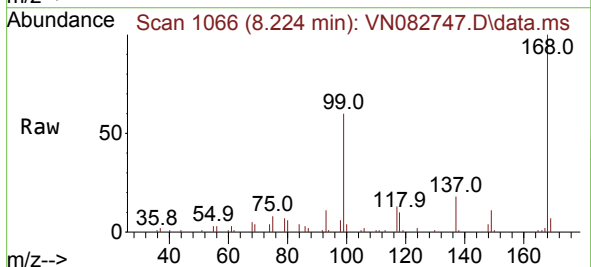


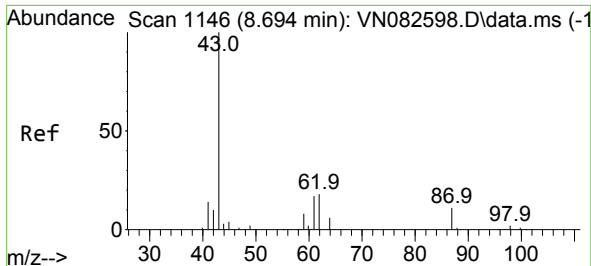
Tgt Ion: 43 Resp: 2009
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.0 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 5.052 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

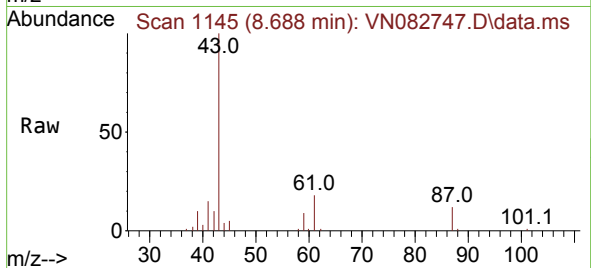
Tgt Ion: 117 Resp: 7776
Ion Ratio Lower Upper
117 100
119 6.9 74.9 112.3#
121 0.0 24.3 36.5#



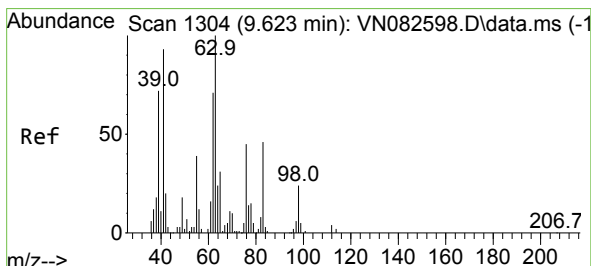
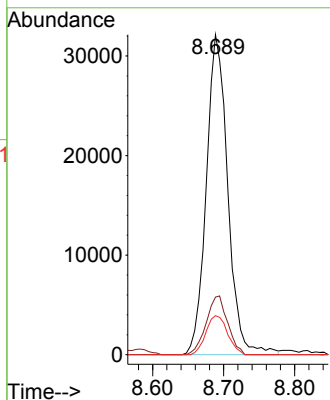
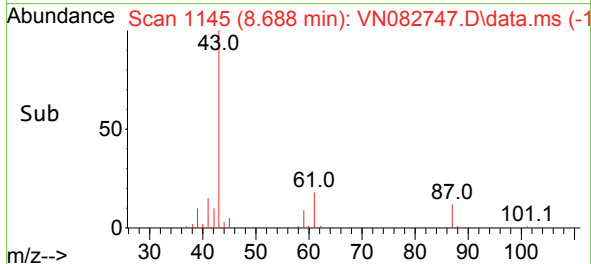


#43
Isopropyl Acetate
Concen: 27.406 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

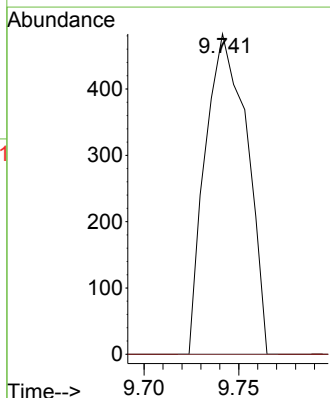
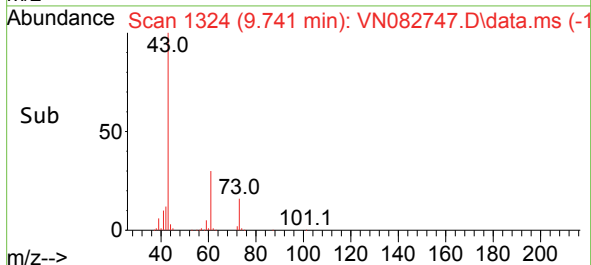
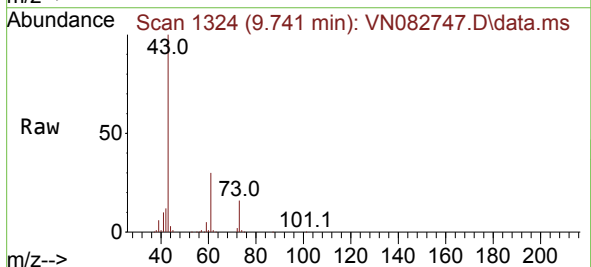


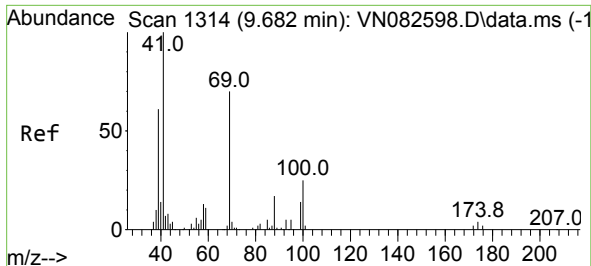
Tgt Ion: 43 Resp: 67593
Ion Ratio Lower Upper
43 100
61 18.3 17.8 26.6
87 12.2 8.2 12.2#



#45
1,2-Dichloropropane
Concen: 0.706 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

Tgt Ion: 63 Resp: 739
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#

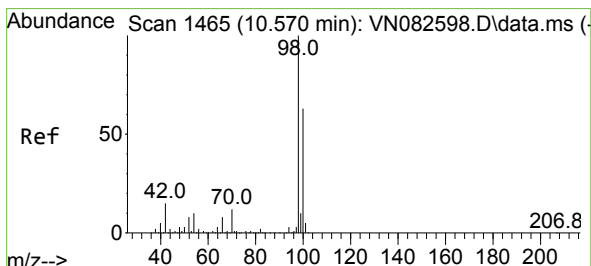
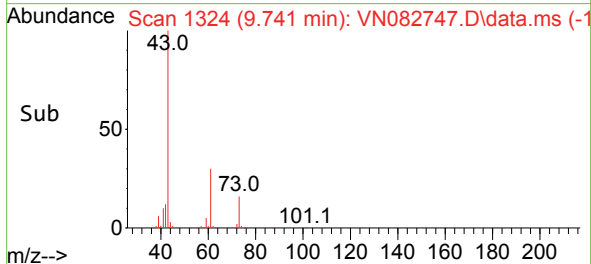
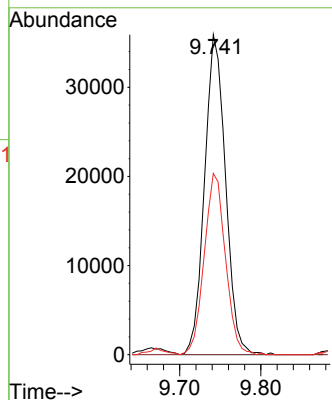
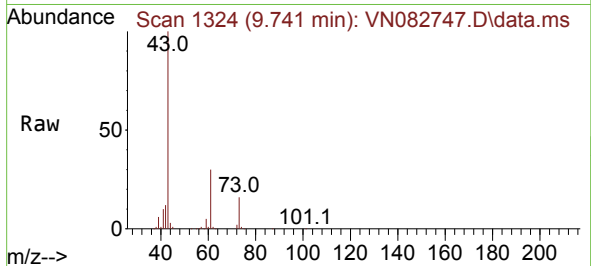




#48
Methyl methacrylate
Concen: 58.793 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

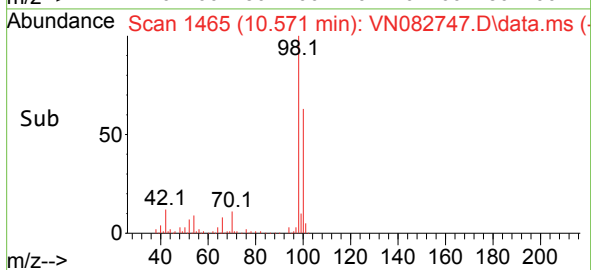
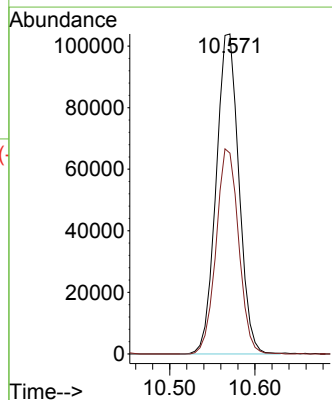
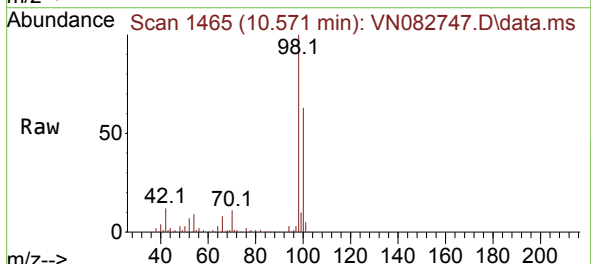
Instrument :
MSVOA_N
ClientSampleId :

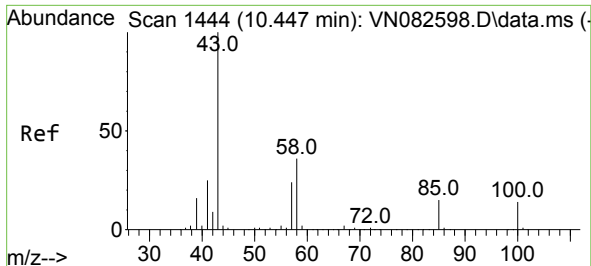
Tgt Ion:	41	Resp:	64356
Ion Ratio	Lower	Upper	
41	100		
69	0.0	56.3	84.5#
39	57.4	50.3	75.5



#50
Toluene-d8
Concen: 56.325 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

Tgt Ion:	98	Resp:	192863
Ion Ratio	Lower	Upper	
98	100		
100	63.6	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 4.036 ug/l

RT: 10.441 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN082747.D

Acq: 28 Jun 2024 14:58

Instrument :

MSVOA_N

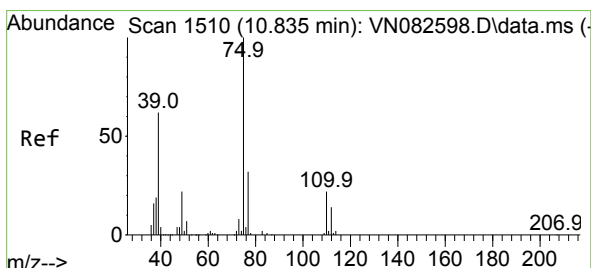
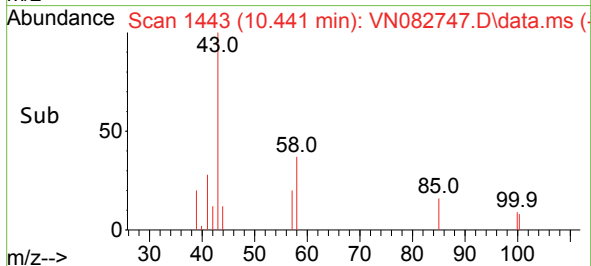
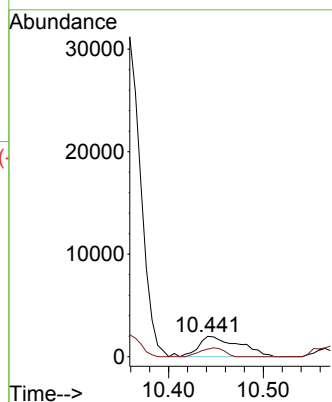
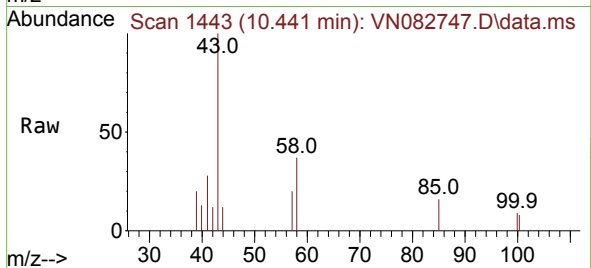
ClientSampleId :

Tgt Ion: 43 Resp: 5872

Ion Ratio Lower Upper

43 100

58 25.4 28.2 42.4#



#53

t-1,3-Dichloropropene

Concen: 0.275 ug/l

RT: 10.724 min Scan# 1491

Delta R.T. -0.111 min

Lab File: VN082747.D

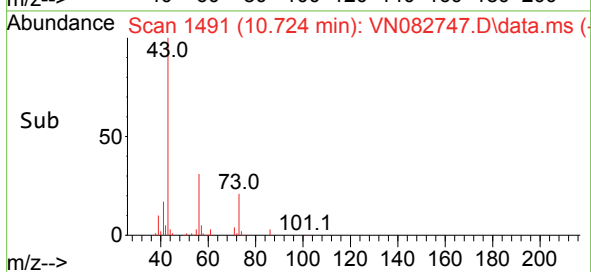
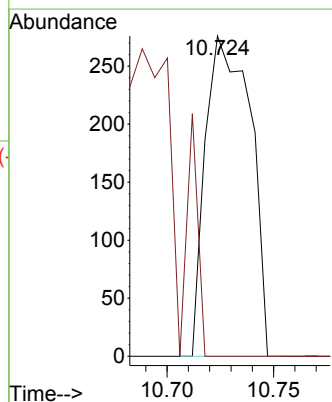
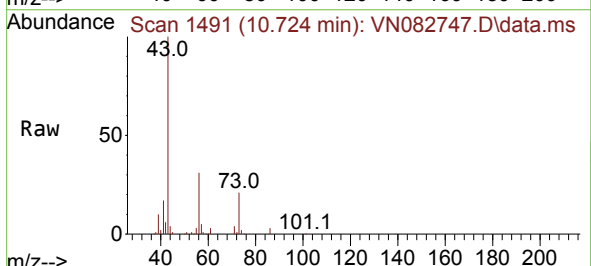
Acq: 28 Jun 2024 14:58

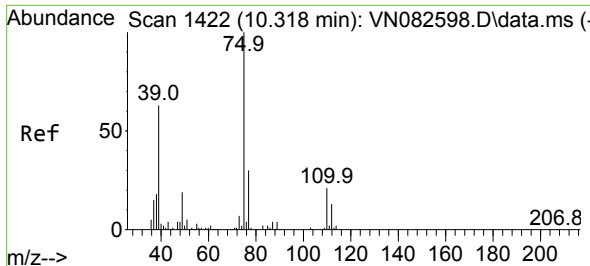
Tgt Ion: 75 Resp: 405

Ion Ratio Lower Upper

75 100

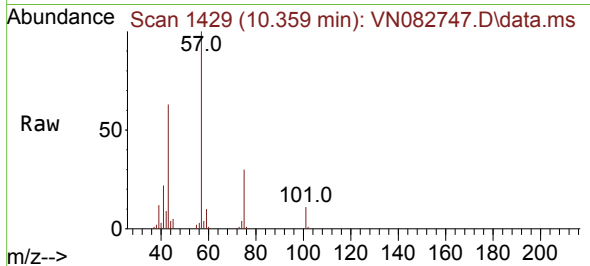
77 0.0 25.7 38.5#



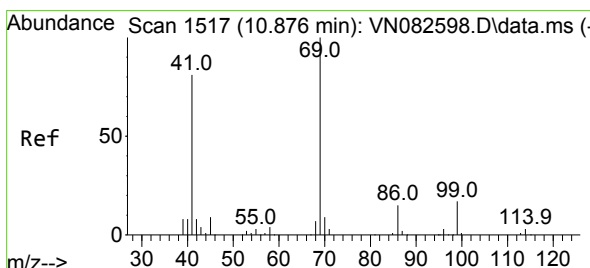
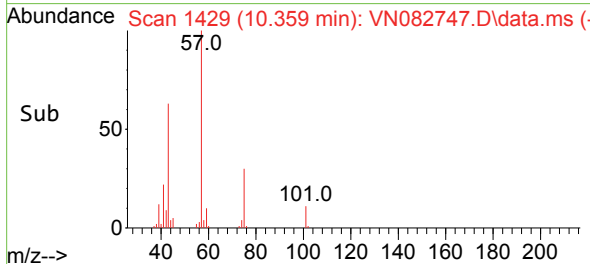
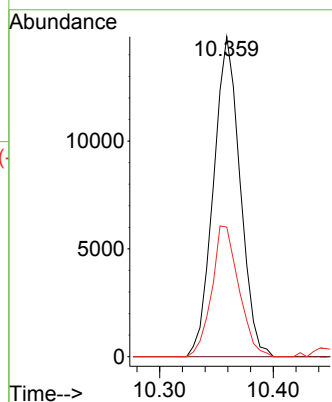


#54
 cis-1,3-Dichloropropene
 Concen: 15.585 ug/l
 RT: 10.359 min Scan# 14
 Delta R.T. 0.041 min
 Lab File: VN082747.D
 Acq: 28 Jun 2024 14:58

Instrument :
 MSVOA_N
 ClientSampleId :

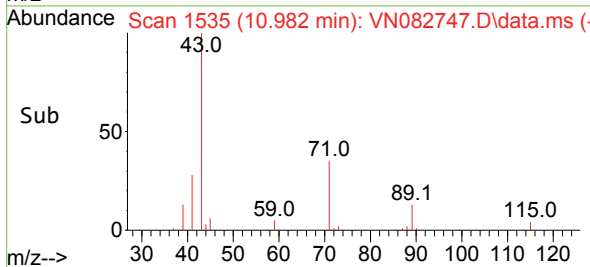
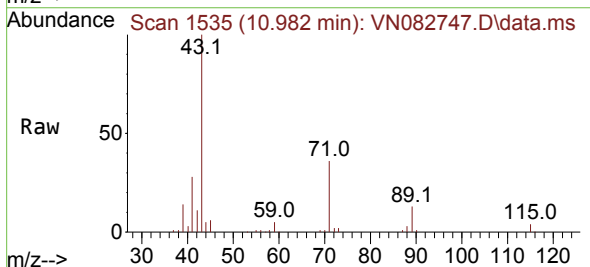
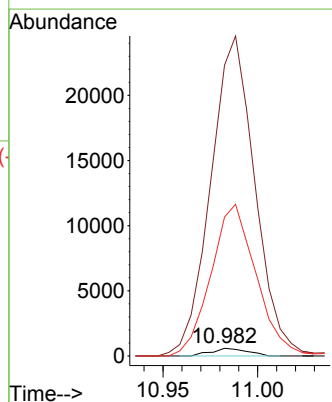


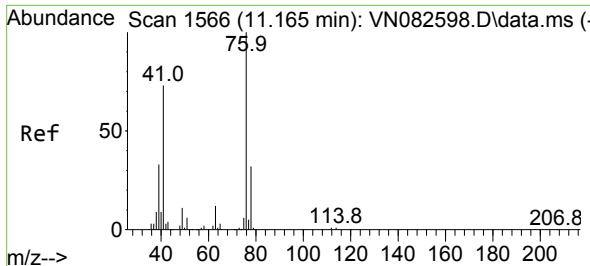
Tgt Ion: 75 Resp: 24134
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 40.5 50.5 75.7#



#56
 Ethyl methacrylate
 Concen: 0.526 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. 0.106 min
 Lab File: VN082747.D
 Acq: 28 Jun 2024 14:58

Tgt Ion: 69 Resp: 778
 Ion Ratio Lower Upper
 69 100
 41 5133.2 63.4 95.2#
 39 2492.7 37.4 56.0#





#57

1,3-Dichloropropane

Concen: 1.935 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.035 min

Lab File: VN082747.D

Acq: 28 Jun 2024 14:58

Instrument :

MSVOA_N

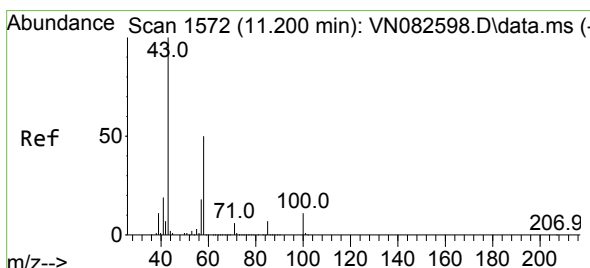
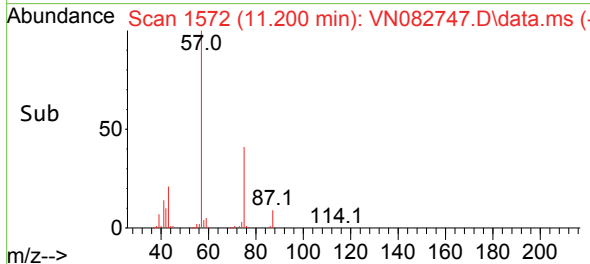
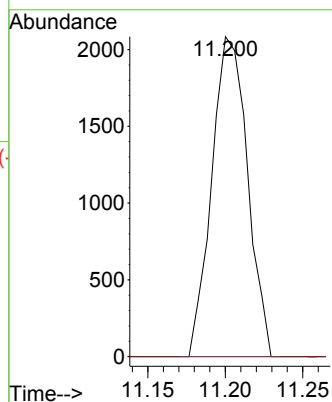
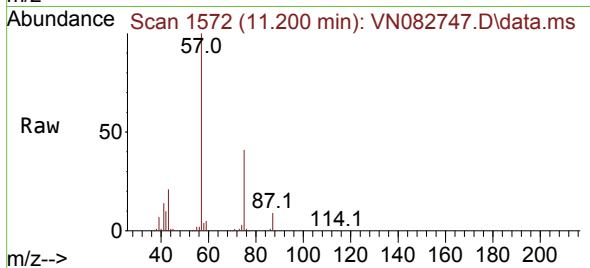
ClientSampleId :

Tgt Ion: 76 Resp: 3343

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 40.868 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.000 min

Lab File: VN082747.D

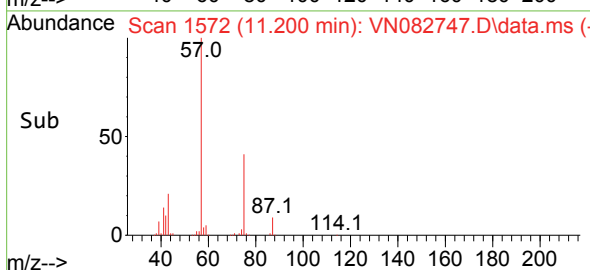
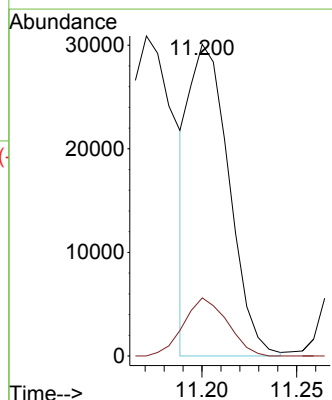
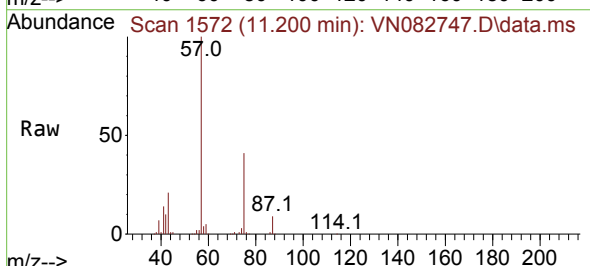
Acq: 28 Jun 2024 14:58

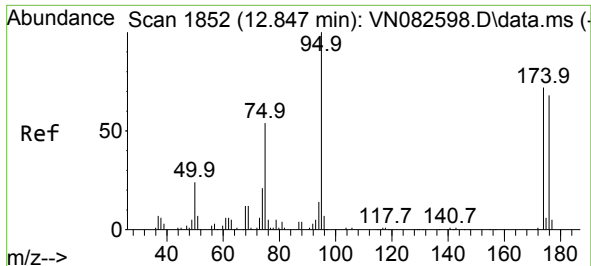
Tgt Ion: 43 Resp: 44086

Ion Ratio Lower Upper

43 100

58 20.4 24.6 73.8#

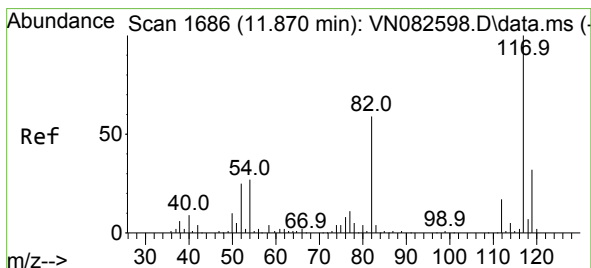
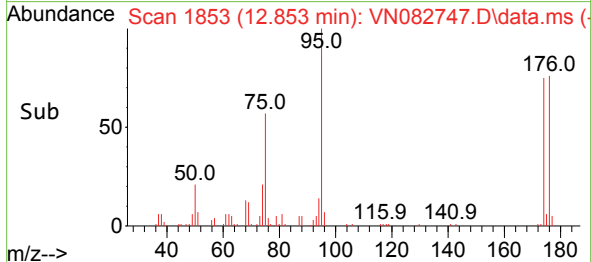
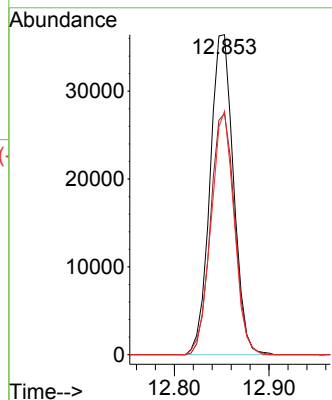
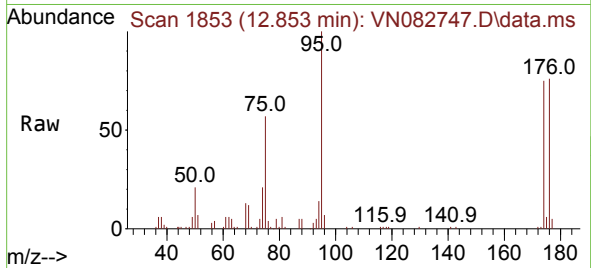




#62
4-Bromofluorobenzene
Concen: 53.367 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

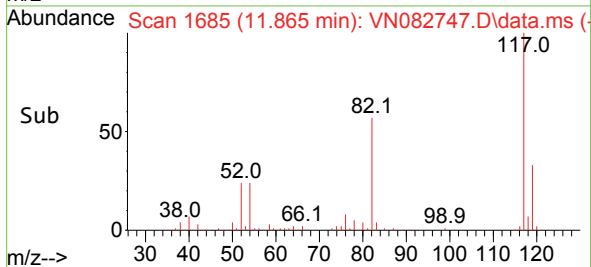
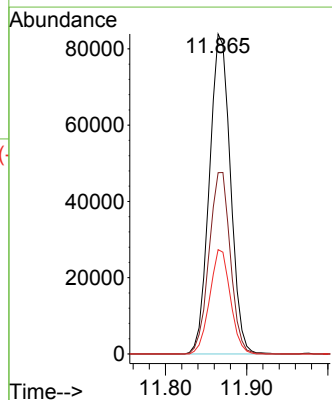
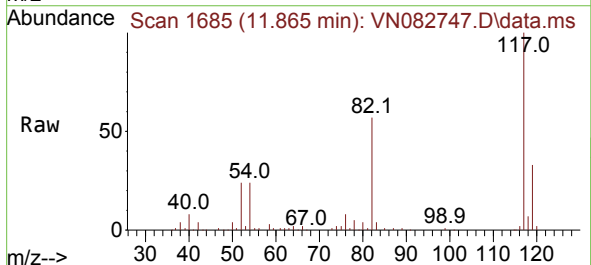
Instrument :
MSVOA_N
ClientSampleId :

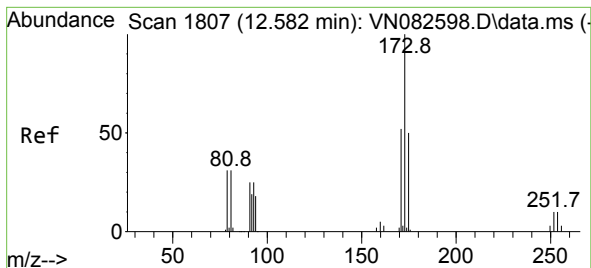
Tgt Ion: 95 Resp: 62755
Ion Ratio Lower Upper
95 100
174 77.5 0.0 159.2
176 74.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082747.D
Acq: 28 Jun 2024 14:58

Tgt Ion: 117 Resp: 150972
Ion Ratio Lower Upper
117 100
82 56.6 47.5 71.3
119 32.6 25.6 38.4





#71

Bromoform

Concen: 0.751 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

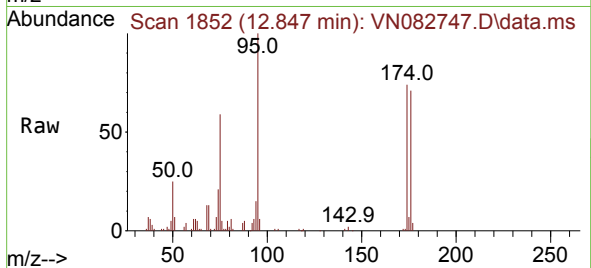
Lab File: VN082747.D

Acq: 28 Jun 2024 14:58

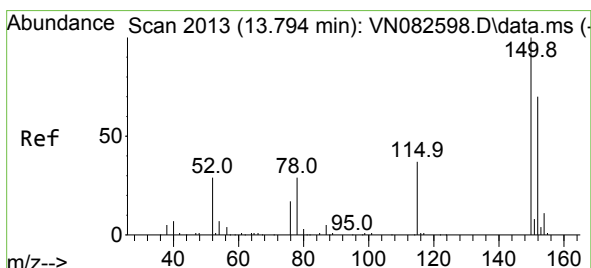
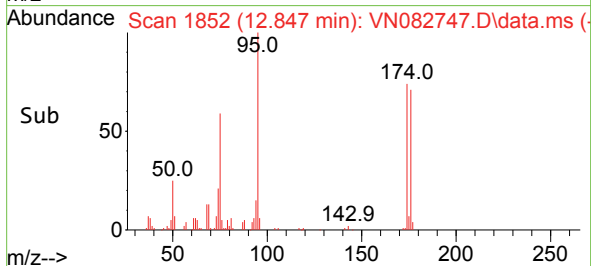
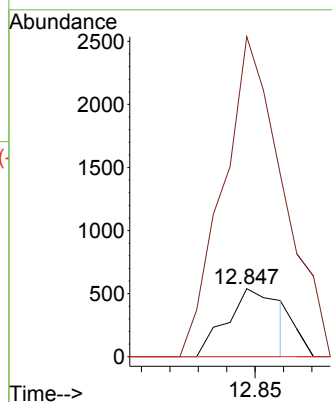
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	691
Ion Ratio	Lower	Upper	
173	100		
175	465.3	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

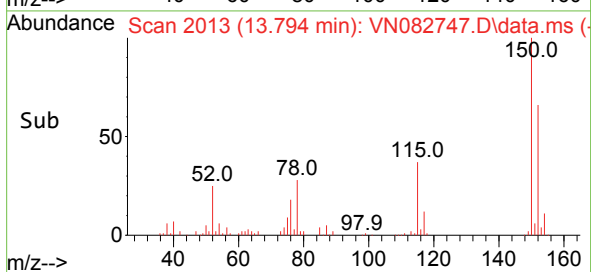
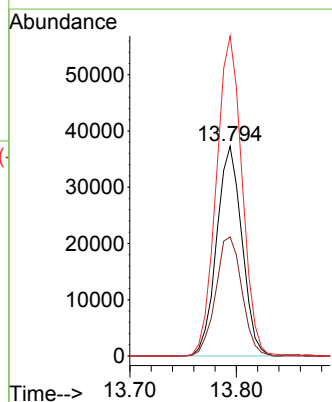
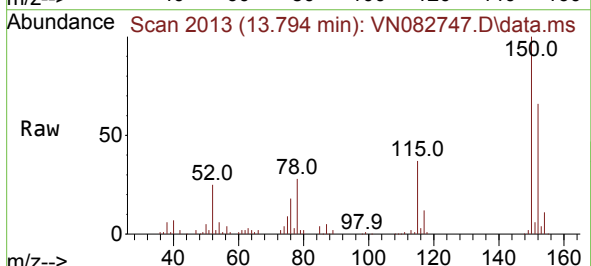
RT: 13.794 min Scan# 2013

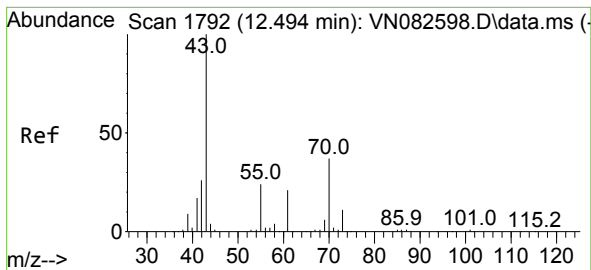
Delta R.T. 0.000 min

Lab File: VN082747.D

Acq: 28 Jun 2024 14:58

Tgt Ion:	152	Resp:	61458
Ion Ratio	Lower	Upper	
152	100		
115	58.9	30.6	91.6
150	155.6	0.0	348.6





#74

N-amy1 acetate

Concen: 0.267 ug/l

RT: 12.494 min Scan# 1

Delta R.T. 0.000 min

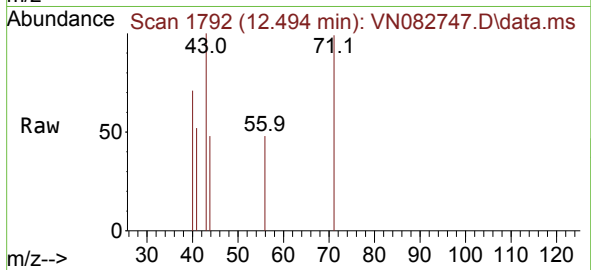
Lab File: VN082747.D

Acq: 28 Jun 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 534

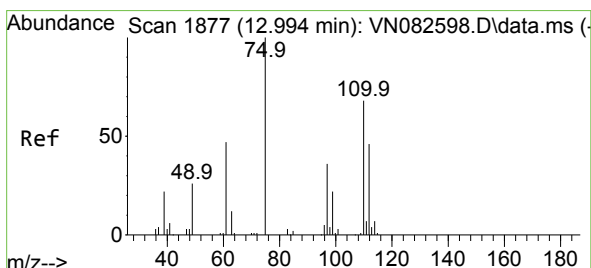
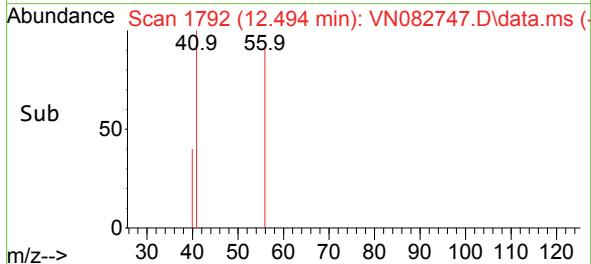
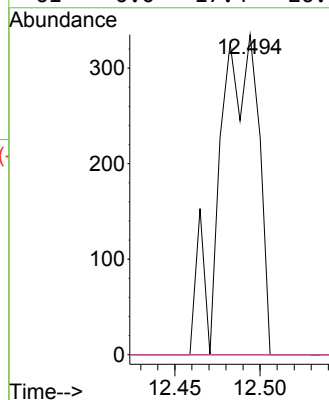
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.6#

55 0.0 18.7 28.1#

61 0.0 17.4 26.0#



#76

1,2,3-Trichloropropane

Concen: 27.252 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082747.D

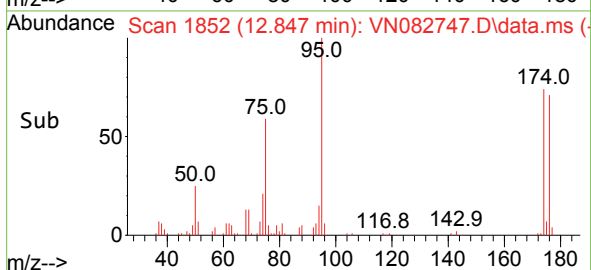
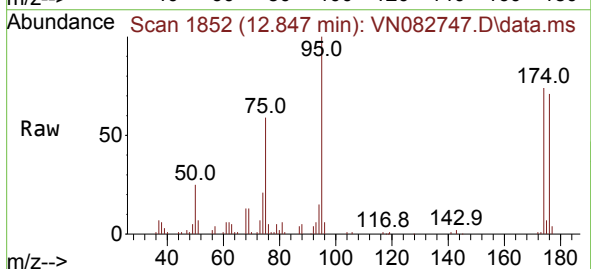
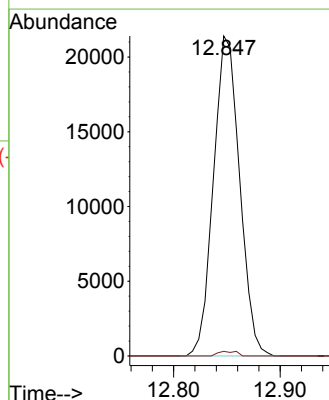
Acq: 28 Jun 2024 14:58

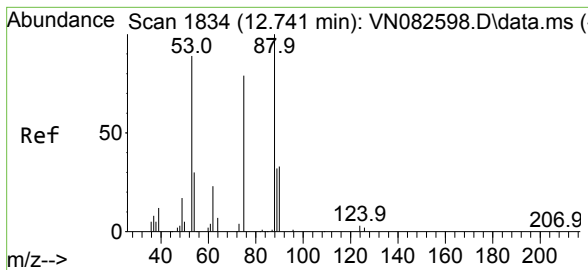
Tgt Ion: 75 Resp: 36533

Ion Ratio Lower Upper

75 100

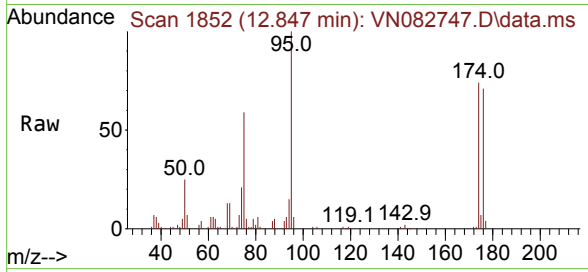
77 1.0 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.072 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN082747.D
 Acq: 28 Jun 2024 14:58

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 36533
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

