

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082798.D
 Acq On : 03 Jul 2024 13:14
 Operator : JC\MD
 Sample : PB161888ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 23:57:40 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)

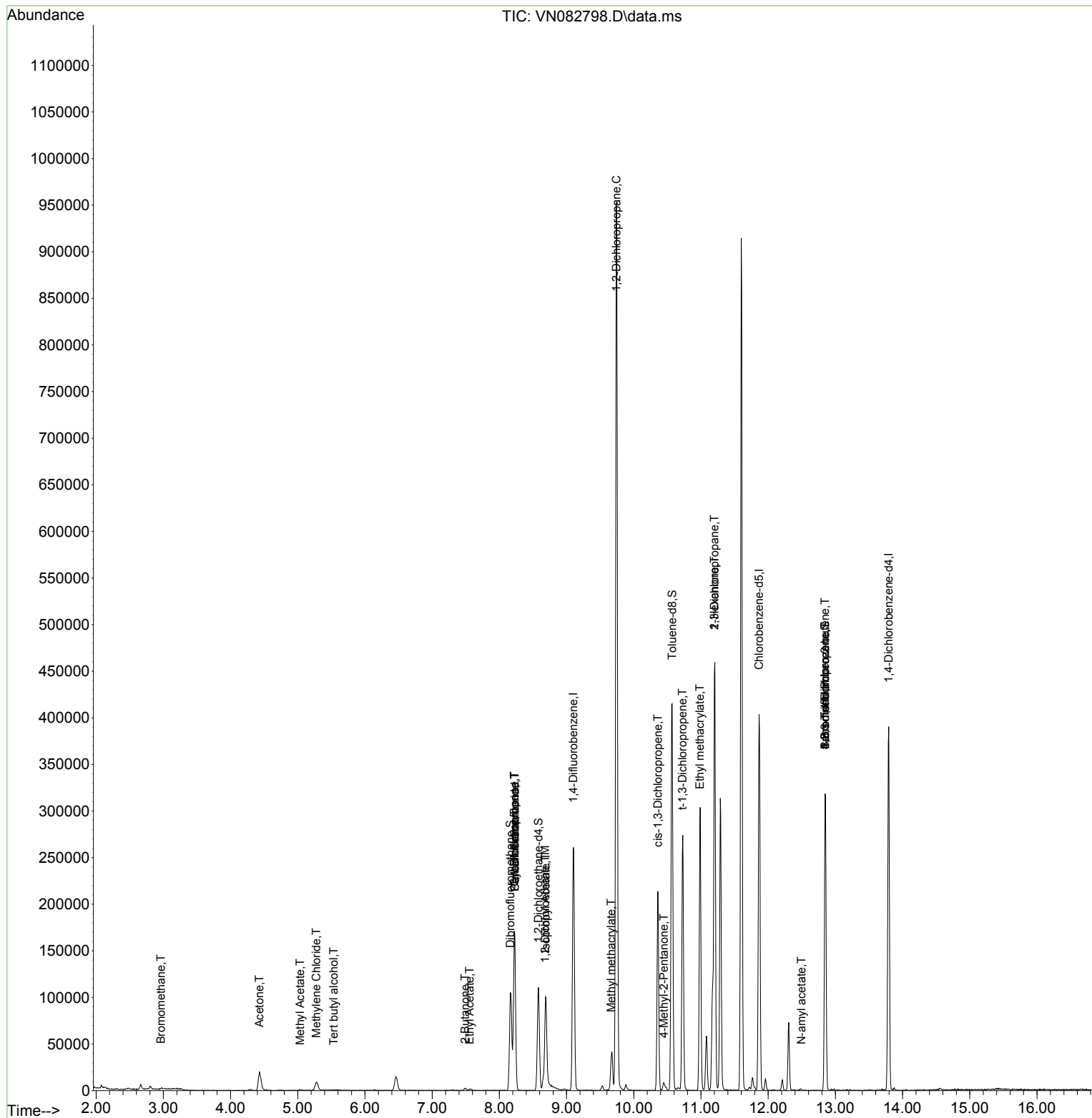
Internal Standards						
1) Pentafluorobenzene	8.230	168	121657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	226301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	91067	48.540	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.080%		
35) Dibromofluoromethane	8.165	113	75832	50.895	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.800%		
50) Toluene-d8	10.571	98	290186	52.078	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.160%		
62) 4-Bromofluorobenzene	12.847	95	107568	56.214	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	112.420%		
Target Compounds						Qvalue
5) Bromomethane	2.965	94	604	0.412	ug/l #	67
11) Tert butyl alcohol	5.536	59	110	0.367	ug/l #	71
16) Acetone	4.430	43	37227	52.372	ug/l #	89
18) Methyl Acetate	5.036	43	1198	0.634	ug/l #	56
20) Methylene Chloride	5.277	84	7201	4.003	ug/l #	78
25) 2-Butanone	7.489	43	3985	3.669	ug/l	97
31) Cyclohexane	8.224	56	3132	1.185	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	10701	4.997	ug/l #	52
37) Ethyl Acetate	7.559	43	739	0.319	ug/l #	88
38) Carbon Tetrachloride	8.230	117	13534	5.403	ug/l #	17
42) 1,2-Dichloroethane	8.683	62	573	0.227	ug/l #	78
43) Isopropyl Acetate	8.688	43	132918	33.094	ug/l #	90
45) 1,2-Dichloropropane	9.741	63	1197	0.703	ug/l #	44
48) Methyl methacrylate	9.665	41	2759	1.549	ug/l #	51
51) 4-Methyl-2-Pentanone	10.447	43	9912	4.187	ug/l #	73
53) t-1,3-Dichloropropene	10.724	75	634	0.265	ug/l #	85
54) cis-1,3-Dichloropropene	10.359	75	37860	15.024	ug/l #	55
56) Ethyl methacrylate	10.982	69	849	0.353	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4923	1.751	ug/l #	43
59) 2-Hexanone	11.200	43	63349	36.088	ug/l #	58
71) Bromoform	12.847	173	501	0.352	ug/l #	1
74) N-amyl acetate	12.494	43	837	0.251	ug/l #	50
76) 1,2,3-Trichloropropane	12.847	75	59788	26.707	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59788	69.649	ug/l #	6

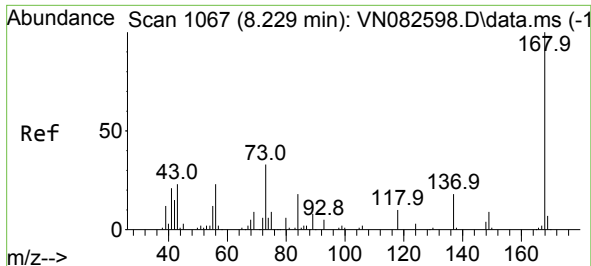
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
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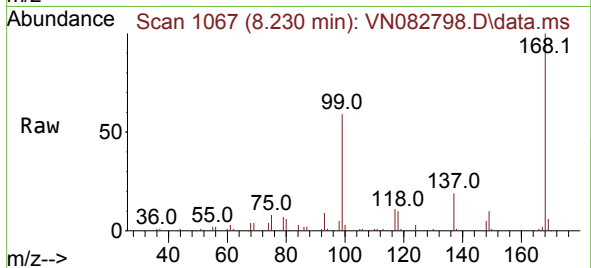
Quant Time: Jul 03 23:57:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



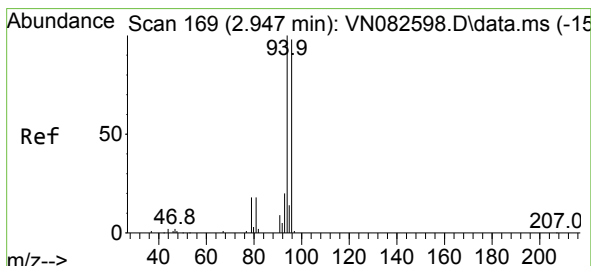
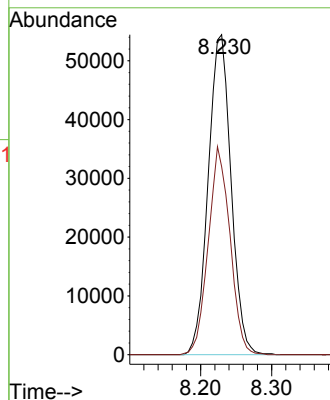
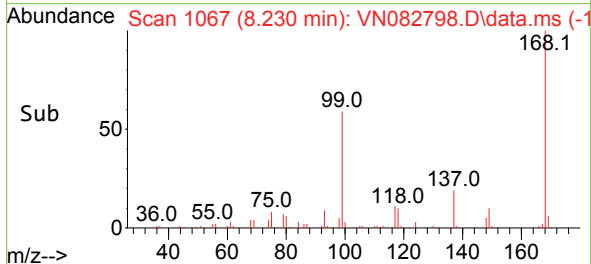


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :

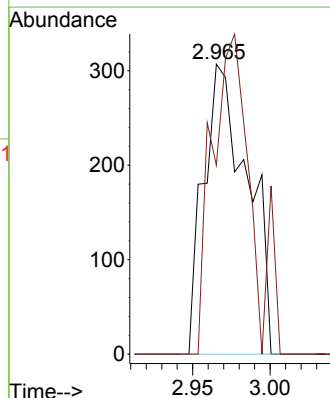
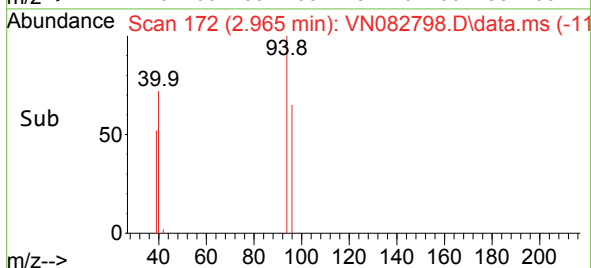
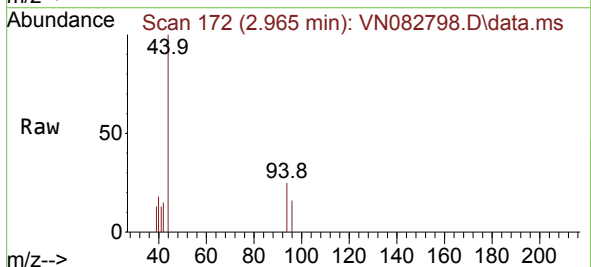


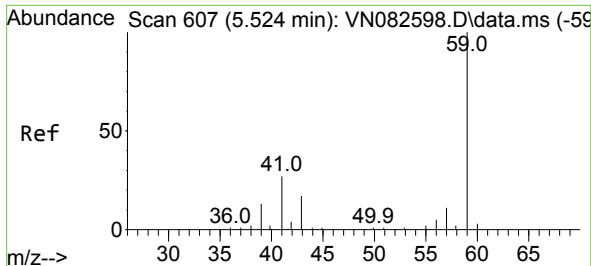
Tgt Ion:168 Resp: 121657
Ion Ratio Lower Upper
168 100
99 58.7 48.2 72.4



#5
Bromomethane
Concen: 0.412 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

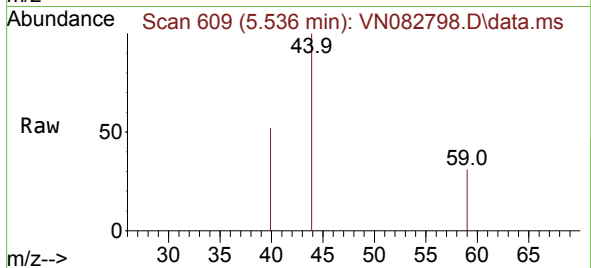
Tgt Ion: 94 Resp: 604
Ion Ratio Lower Upper
94 100
96 65.1 78.0 117.0#



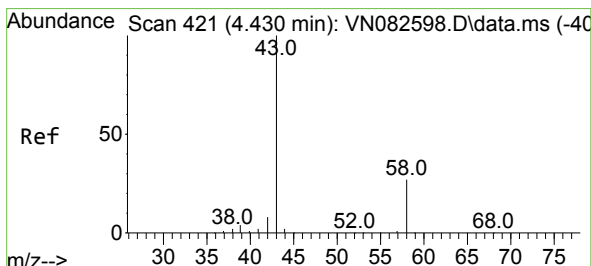
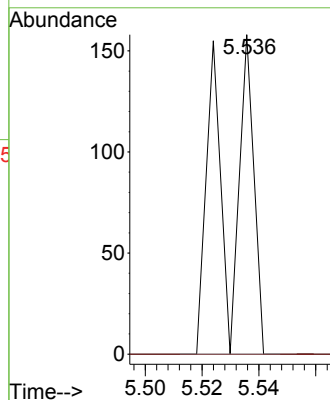
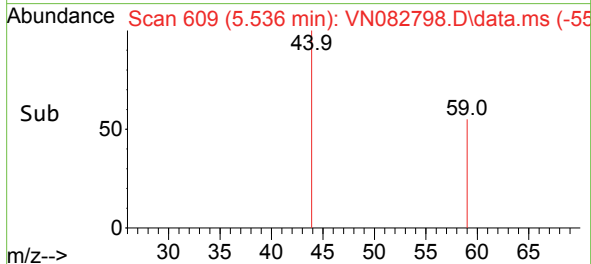


#11
Tert butyl alcohol
Concen: 0.367 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :

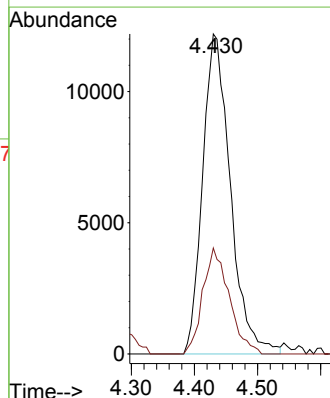
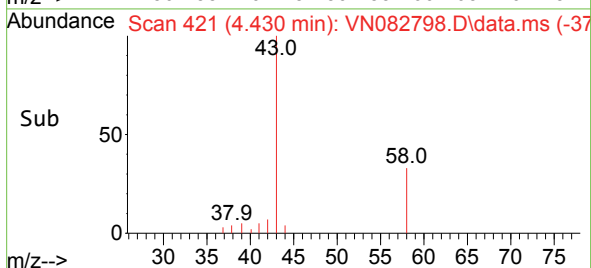
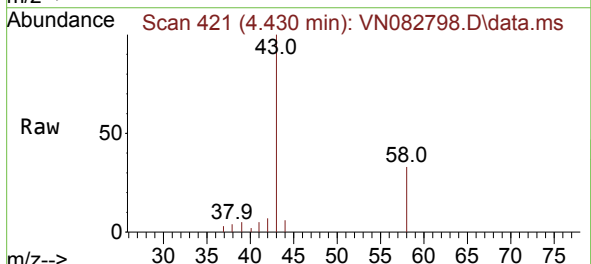


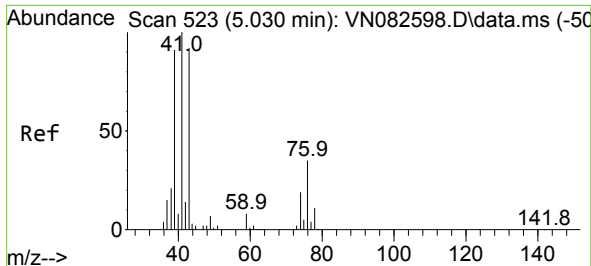
Tgt Ion: 59 Resp: 110
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 52.372 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Tgt Ion: 43 Resp: 37227
Ion Ratio Lower Upper
43 100
58 33.1 21.8 32.6#

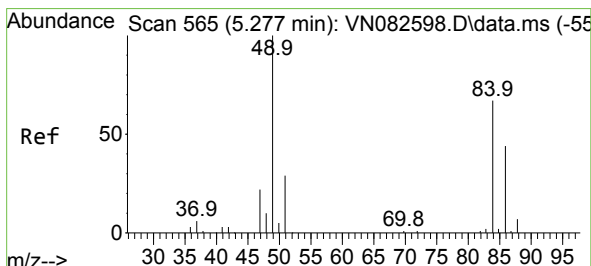
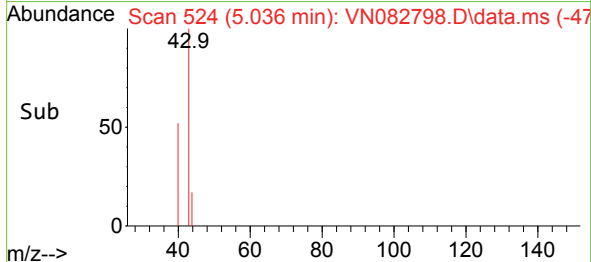
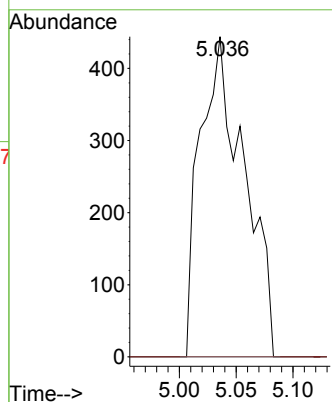
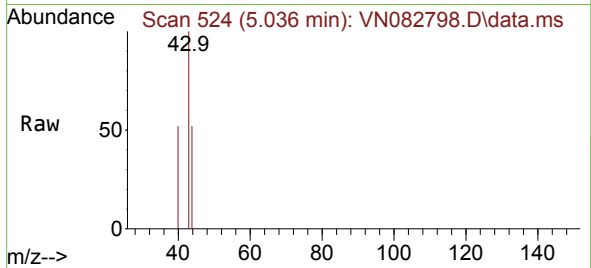




#18
Methyl Acetate
Concen: 0.634 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

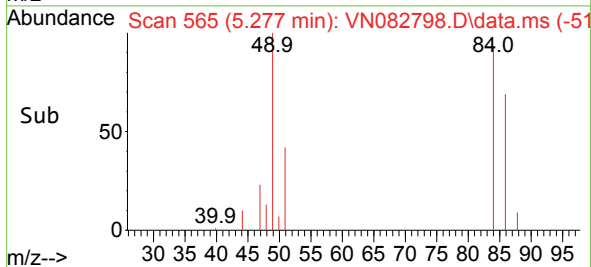
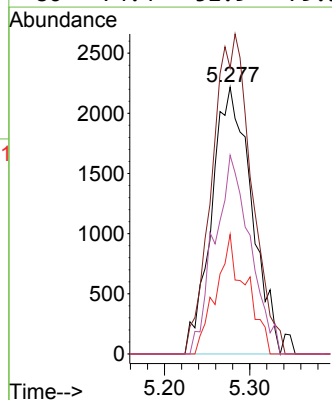
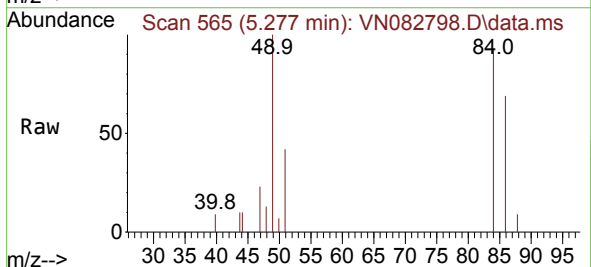
Instrument :
MSVOA_N
ClientSampleId :

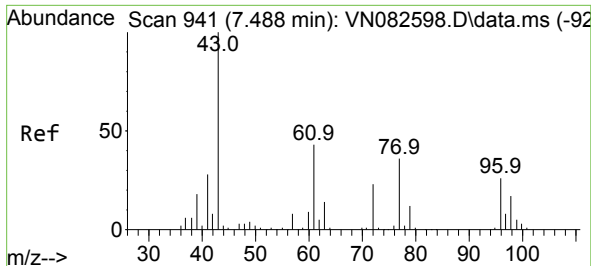
Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 4.003 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

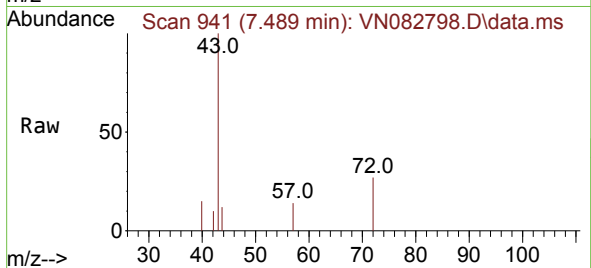
Tgt Ion: 84 Resp: 7201
Ion Ratio Lower Upper
84 100
49 107.1 119.6 179.4#
51 44.8 34.8 52.2
86 74.4 52.9 79.3



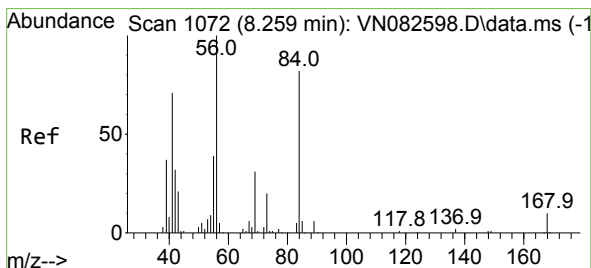
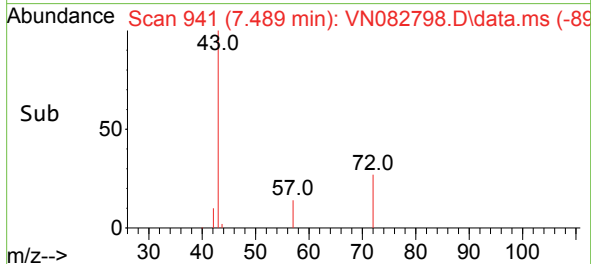
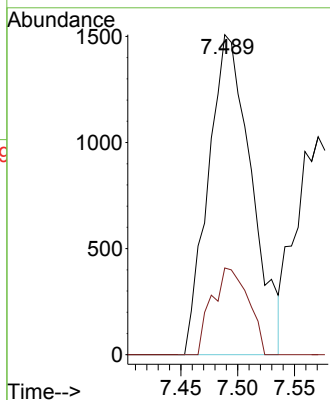


#25
2-Butanone
Concen: 3.669 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :

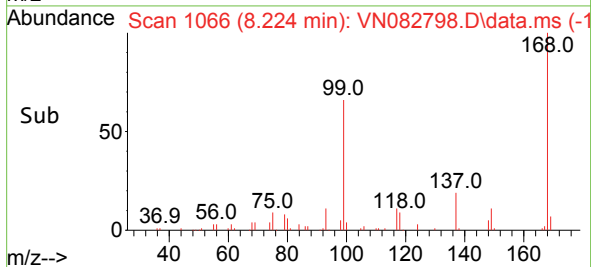
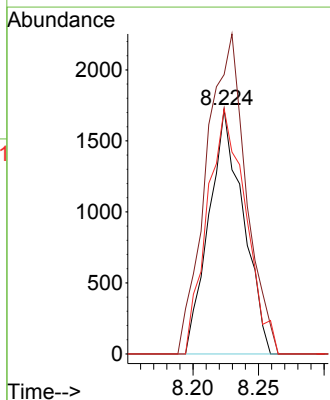
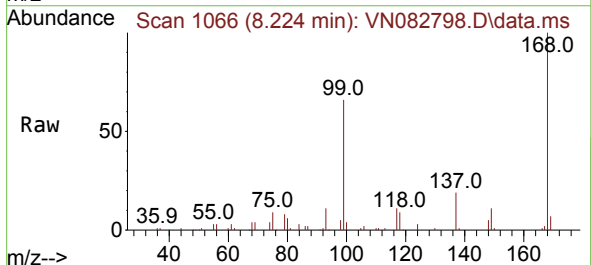


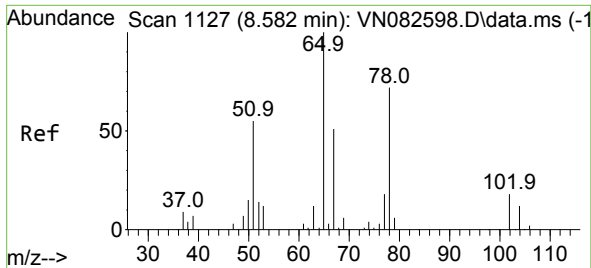
Tgt Ion: 43 Resp: 3985
Ion Ratio Lower Upper
43 100
72 24.2 18.2 27.2



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Tgt Ion: 56 Resp: 3132
Ion Ratio Lower Upper
56 100
69 114.2 24.5 36.7#
84 100.3 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 48.540 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082798.D

Acq: 03 Jul 2024 13:14

Instrument :

MSVOA_N

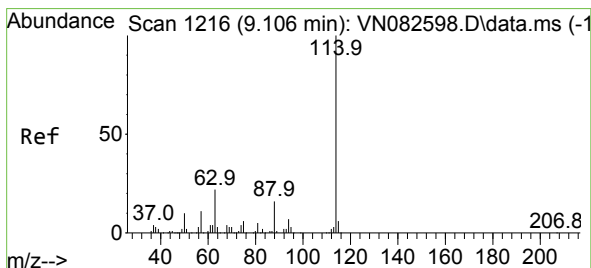
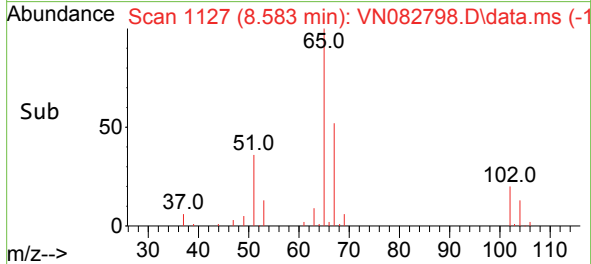
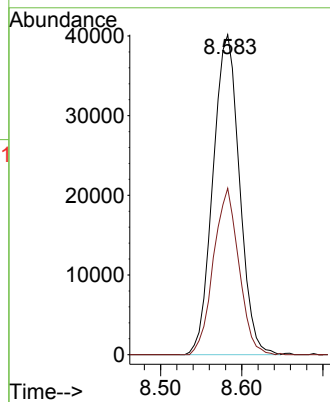
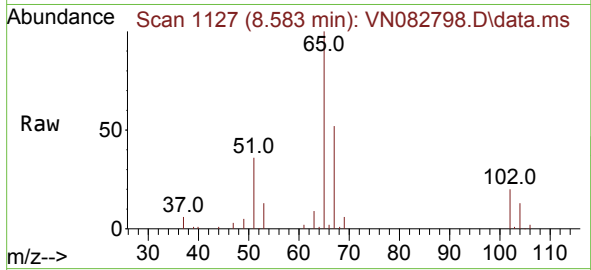
ClientSampleId :

Tgt Ion: 65 Resp: 91067

Ion Ratio Lower Upper

65 100

67 50.0 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: VN082798.D

Acq: 03 Jul 2024 13:14

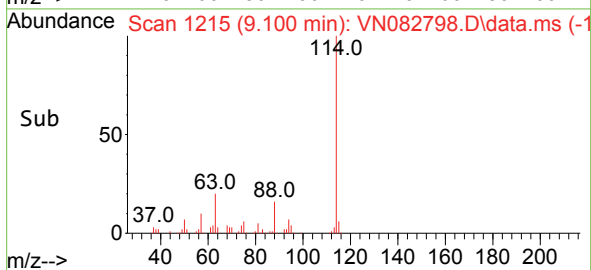
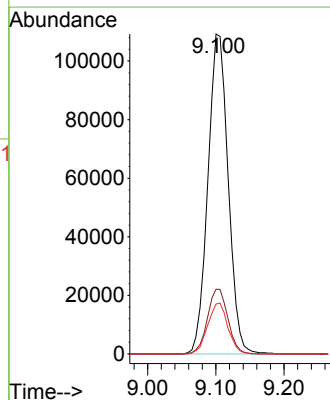
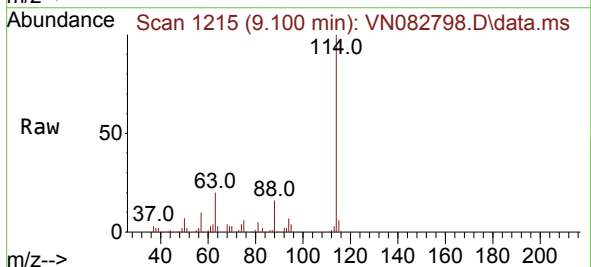
Tgt Ion: 114 Resp: 226301

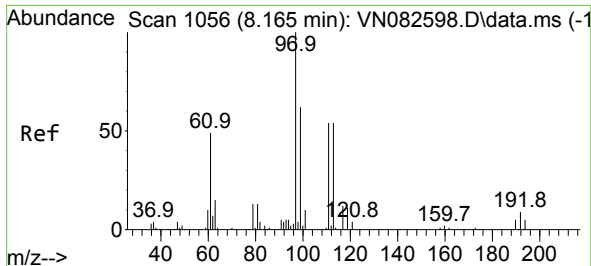
Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.6

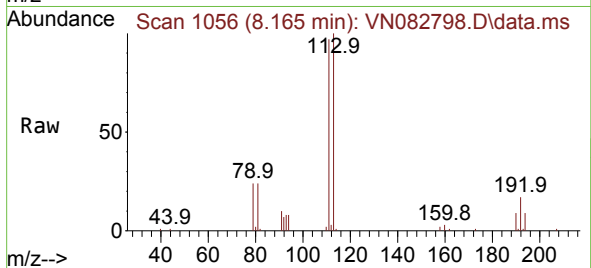
88 15.6 0.0 31.4



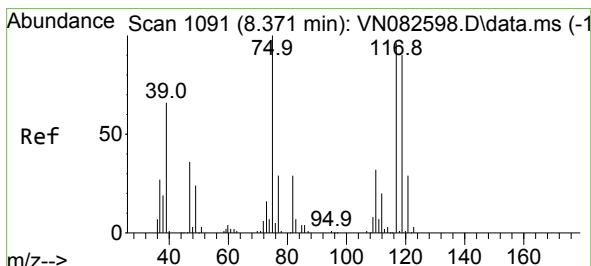
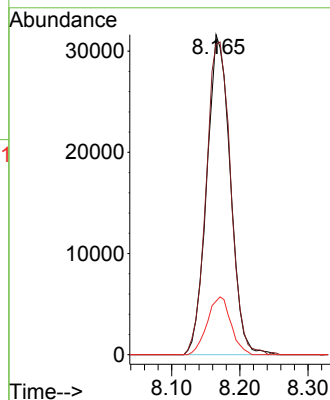
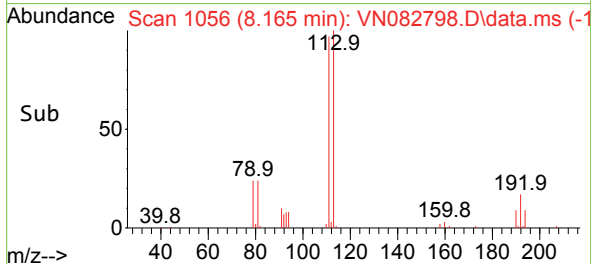


#35
Dibromofluoromethane
Concen: 50.895 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :

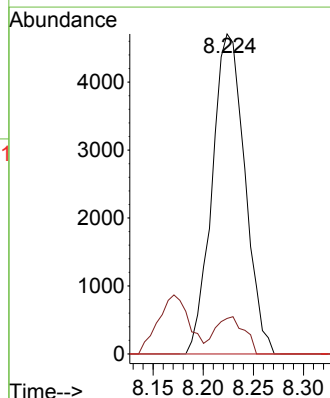
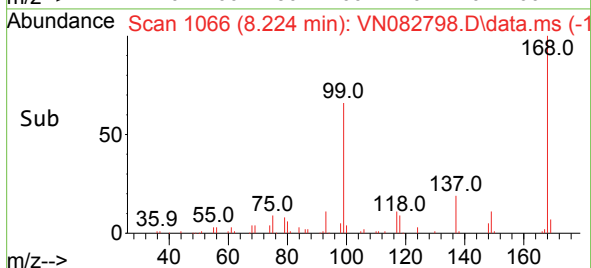
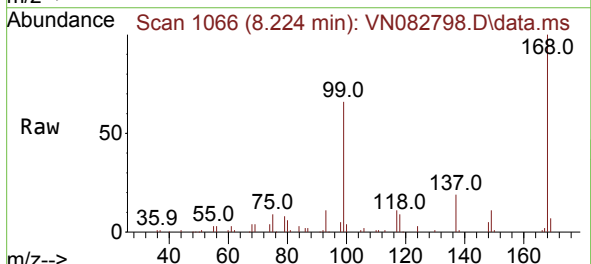


Tgt Ion:113 Resp: 75832
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 18.1 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.997 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Tgt Ion: 75 Resp: 10701
Ion Ratio Lower Upper
75 100
110 10.4 16.3 48.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.319 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

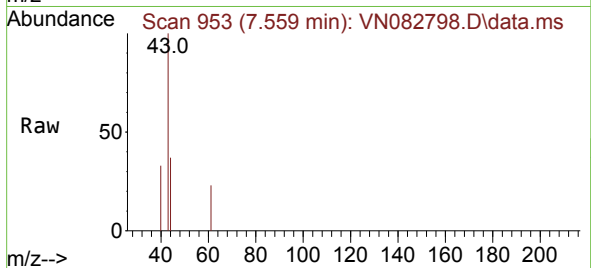
Lab File: VN082798.D

Acq: 03 Jul 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :



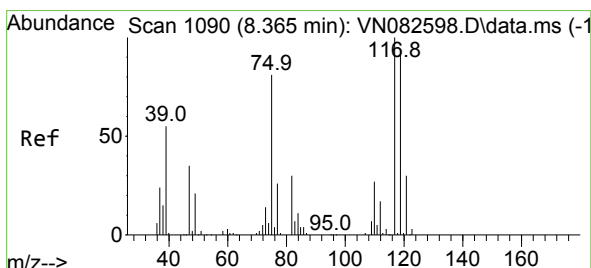
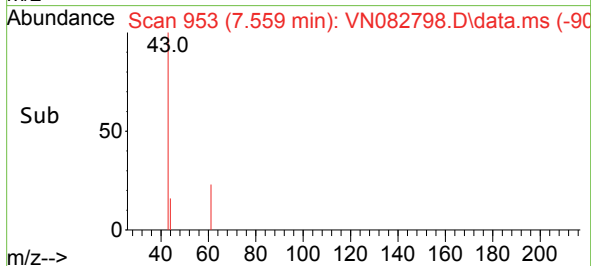
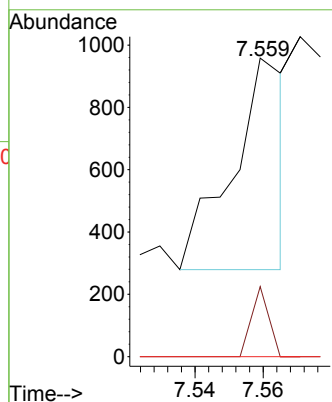
Tgt Ion: 43 Resp: 739

Ion Ratio Lower Upper

43 100

61 10.7 9.3 13.9

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.403 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082798.D

Acq: 03 Jul 2024 13:14

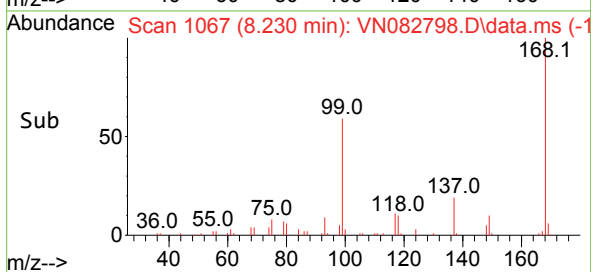
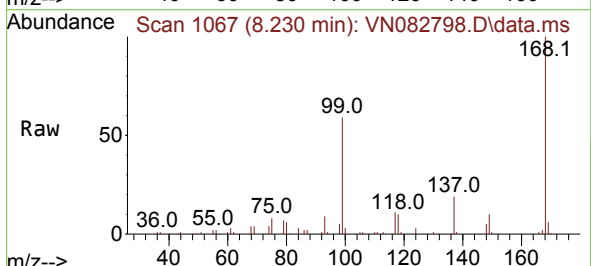
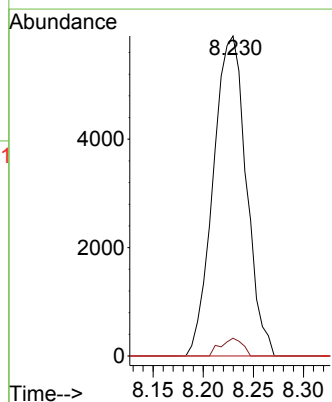
Tgt Ion: 117 Resp: 13534

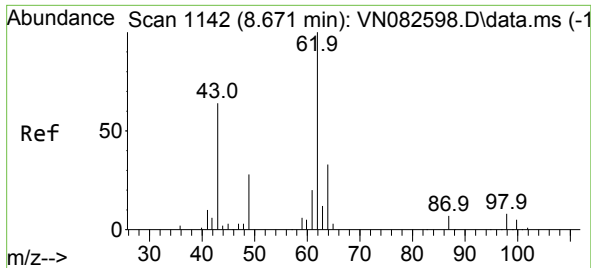
Ion Ratio Lower Upper

117 100

119 5.6 74.9 112.3#

121 0.0 24.3 36.5#





#42

1,2-Dichloroethane

Concen: 0.227 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN082798.D

Acq: 03 Jul 2024 13:14

Instrument :

MSVOA_N

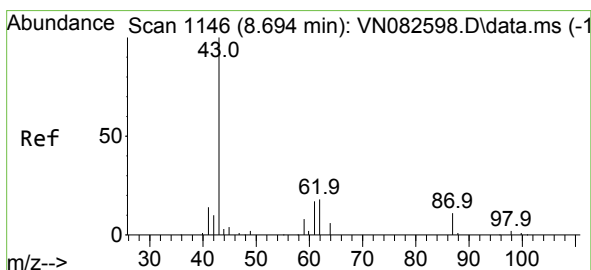
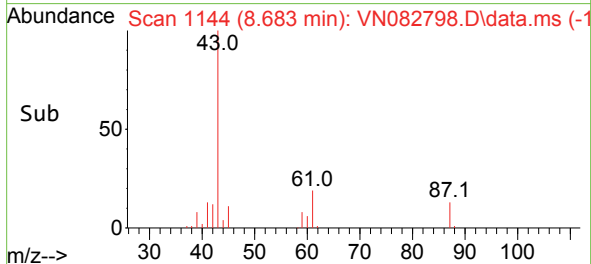
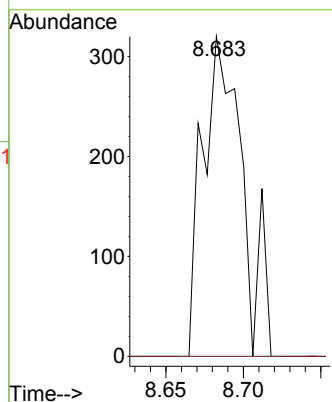
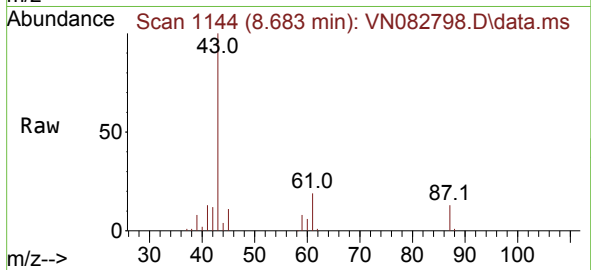
ClientSampleId :

Tgt Ion: 62 Resp: 573

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 33.094 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082798.D

Acq: 03 Jul 2024 13:14

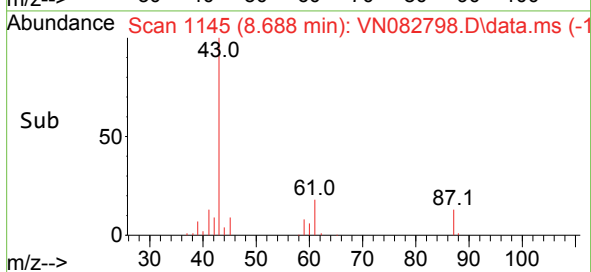
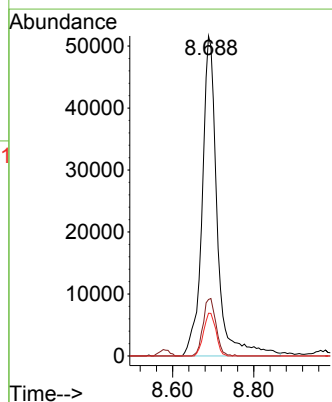
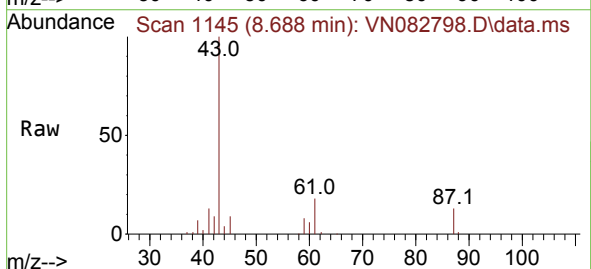
Tgt Ion: 43 Resp: 132918

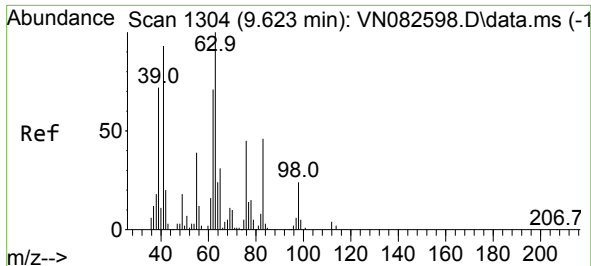
Ion Ratio Lower Upper

43 100

61 15.3 17.8 26.6#

87 10.9 8.2 12.2





#45

1,2-Dichloropropane

Concen: 0.703 ug/l

RT: 9.741 min Scan# 1197

Delta R.T. 0.118 min

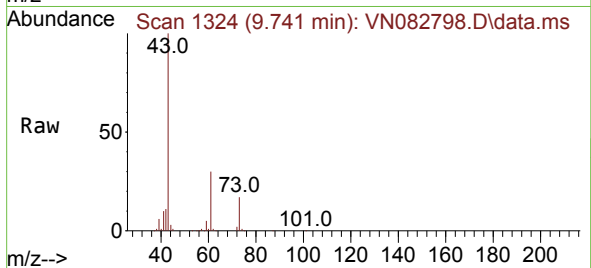
Lab File: VN082798.D

Acq: 03 Jul 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :

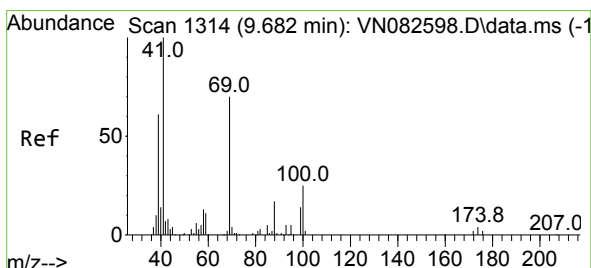
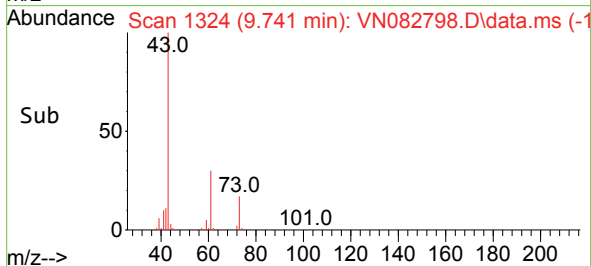
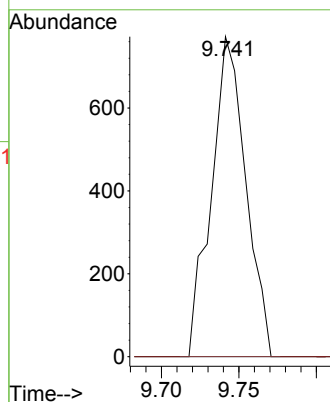


Tgt Ion: 63 Resp: 1197

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 1.549 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.017 min

Lab File: VN082798.D

Acq: 03 Jul 2024 13:14

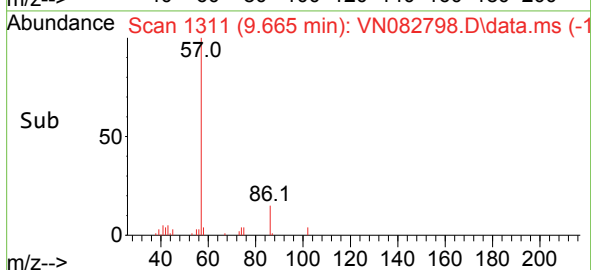
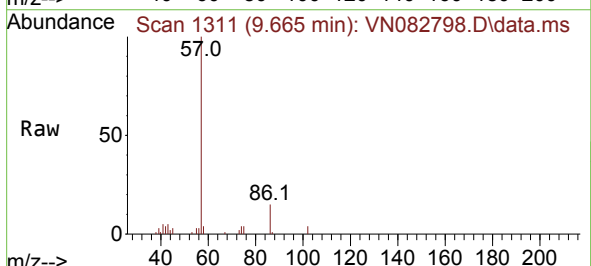
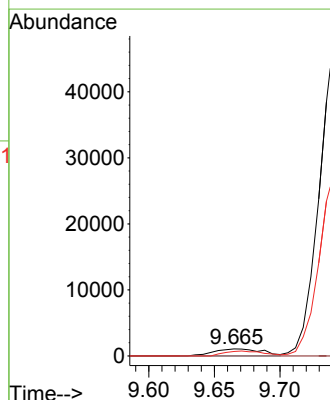
Tgt Ion: 41 Resp: 2759

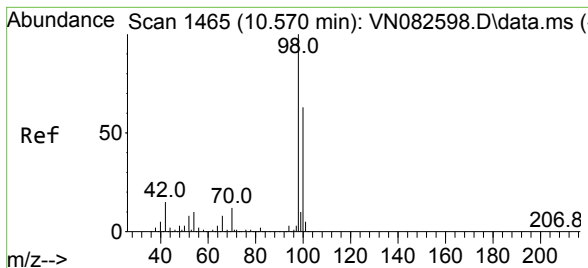
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 56.0 50.3 75.5

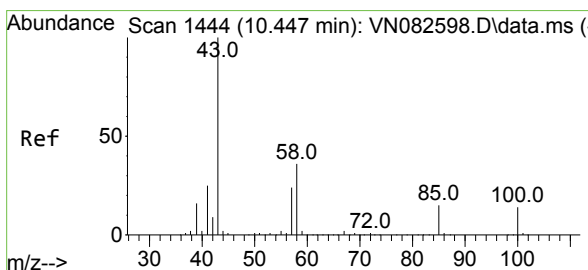
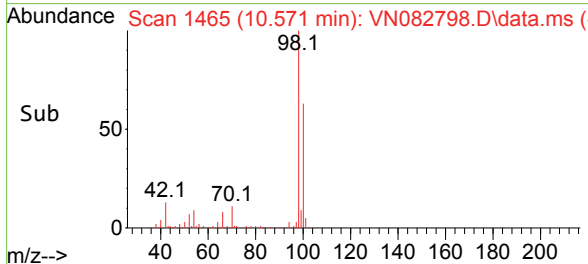
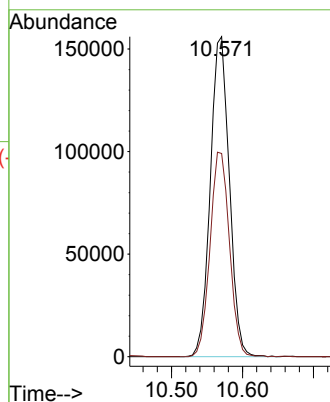
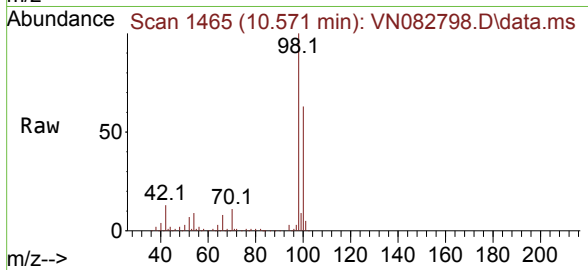




#50
Toluene-d8
Concen: 52.078 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

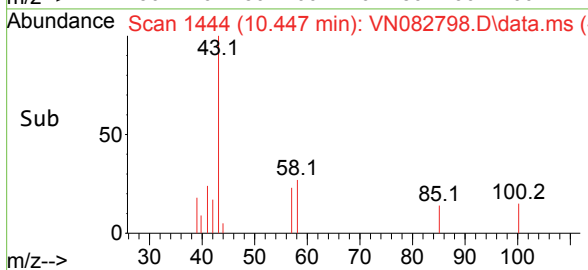
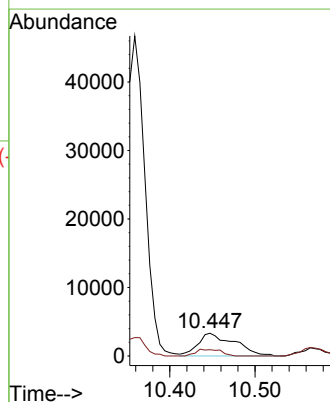
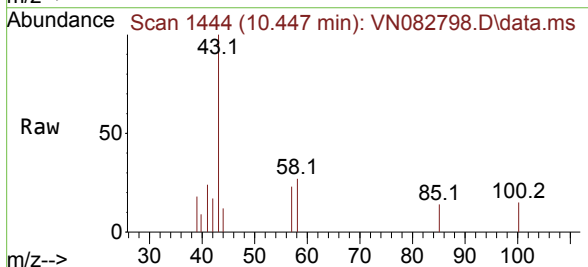
Instrument :
MSVOA_N
ClientSampleId :

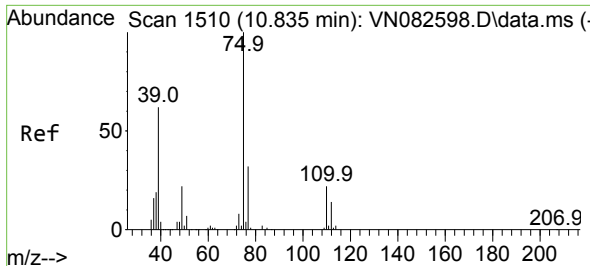
Tgt Ion: 98 Resp: 290186
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 4.187 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

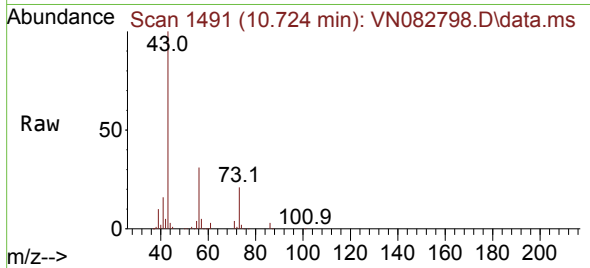
Tgt Ion: 43 Resp: 9912
Ion Ratio Lower Upper
43 100
58 19.8 28.2 42.4#



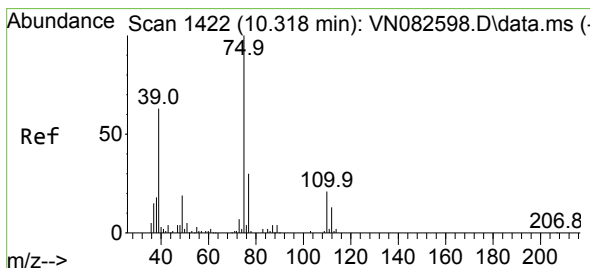
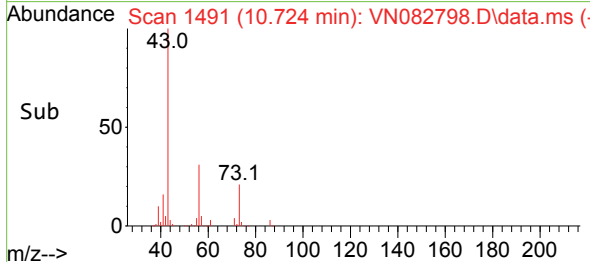
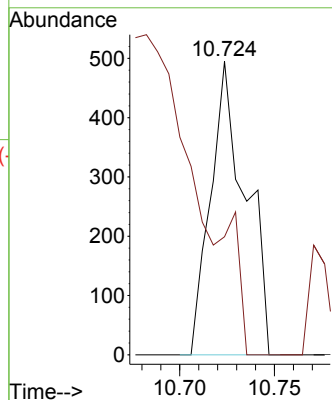


#53
 t-1,3-Dichloropropene
 Concen: 0.265 ug/l
 RT: 10.724 min Scan# 1491
 Delta R.T. -0.111 min
 Lab File: VN082798.D
 Acq: 03 Jul 2024 13:14

Instrument :
 MSVOA_N
 ClientSampleId :

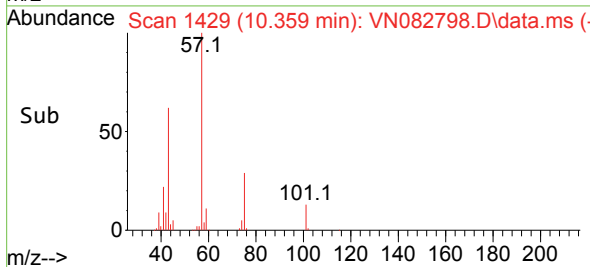
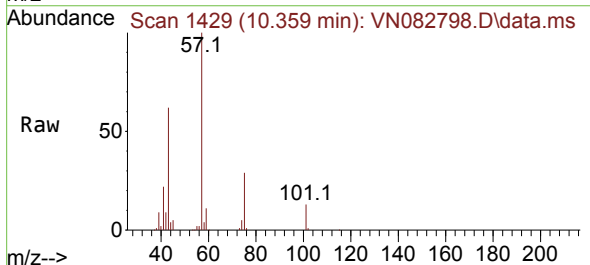
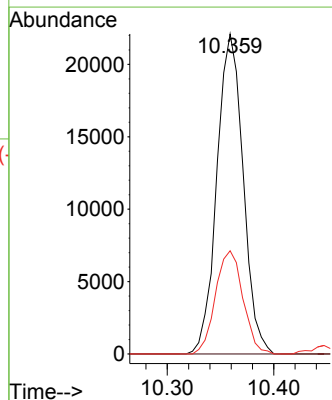


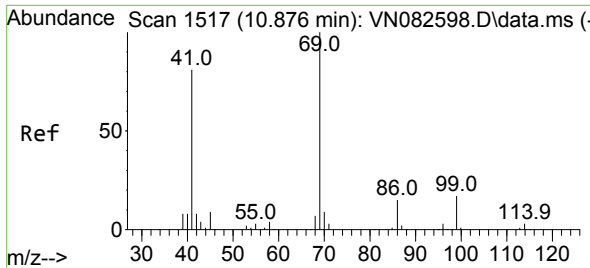
Tgt Ion: 75 Resp: 634
 Ion Ratio Lower Upper
 75 100
 77 40.2 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 15.024 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN082798.D
 Acq: 03 Jul 2024 13:14

Tgt Ion: 75 Resp: 37860
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 32.2 50.5 75.7#

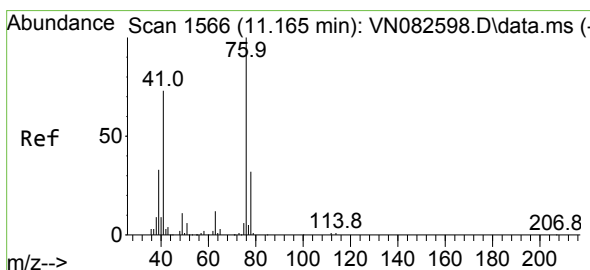
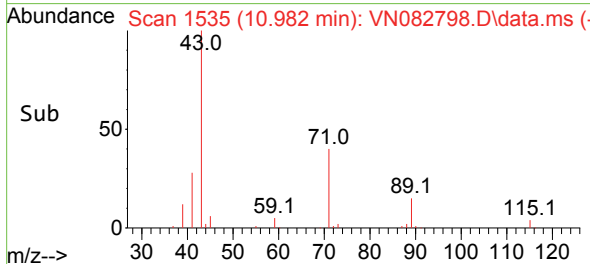
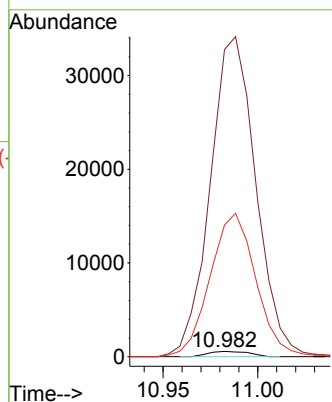
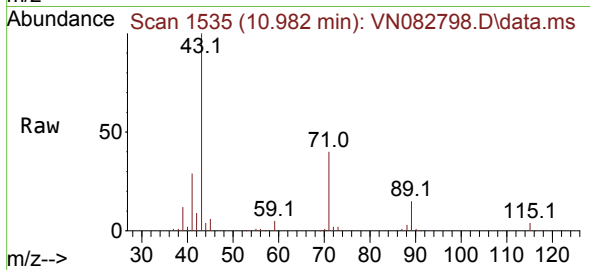




#56
Ethyl methacrylate
Concen: 0.353 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.106 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

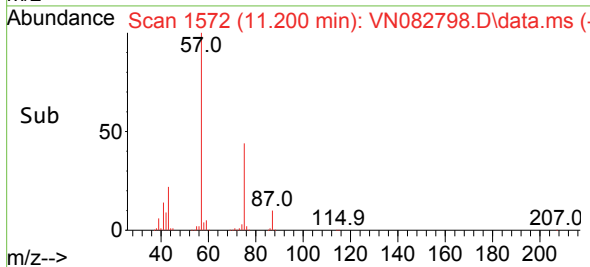
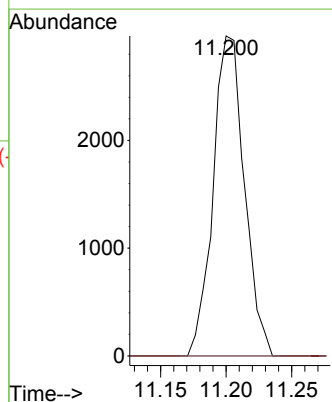
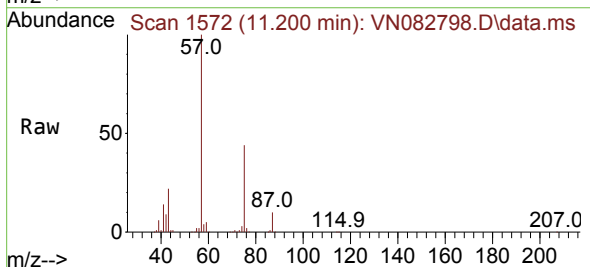
Instrument :
MSVOA_N
ClientSampleId :

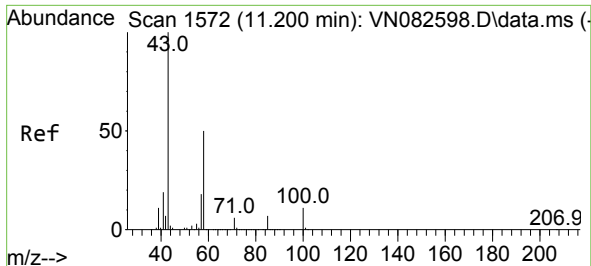
Tgt Ion: 69 Resp: 849
Ion Ratio Lower Upper
69 100
41 6770.1 63.4 95.2#
39 3037.2 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.751 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Tgt Ion: 76 Resp: 4923
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

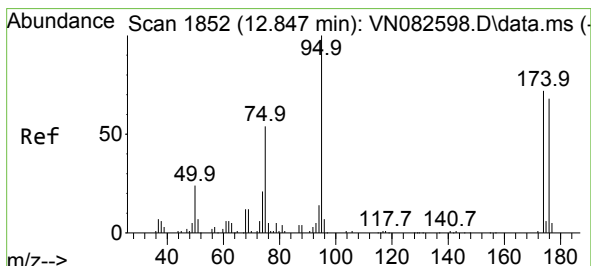
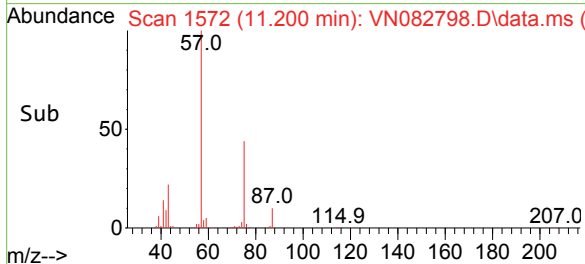
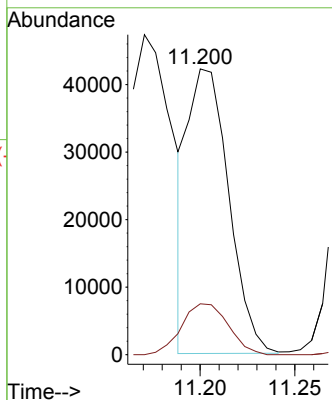
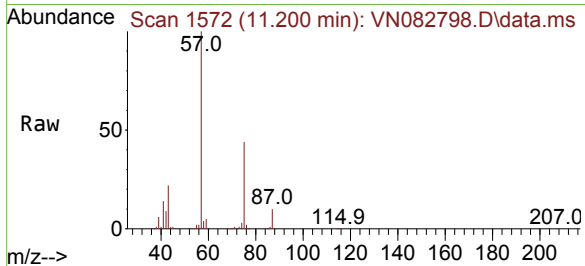




#59
2-Hexanone
Concen: 36.088 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

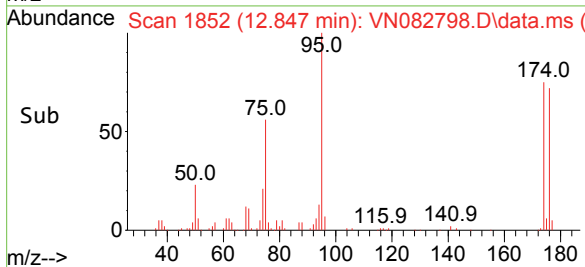
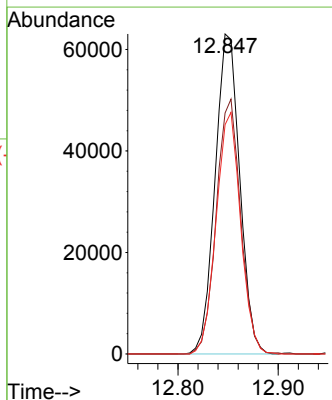
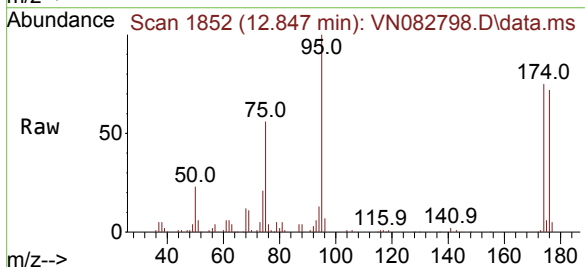
Instrument :
MSVOA_N
ClientSampleId :

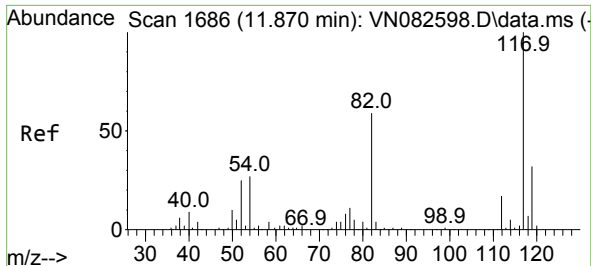
Tgt Ion: 43 Resp: 63349
Ion Ratio Lower Upper
43 100
58 20.5 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 56.214 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Tgt Ion: 95 Resp: 107568
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.2
176 74.8 0.0 147.6

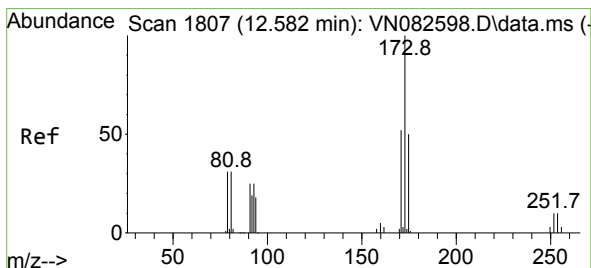
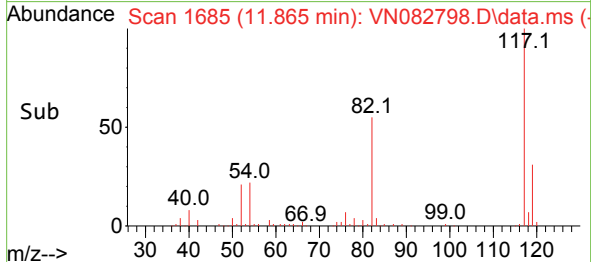
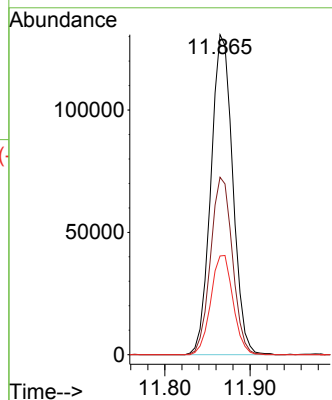
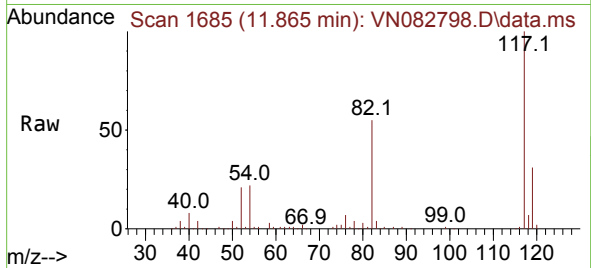




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

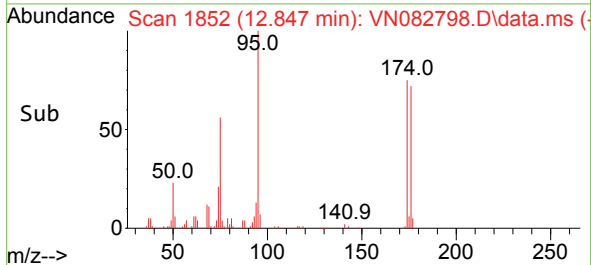
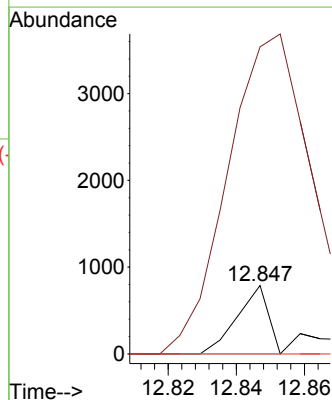
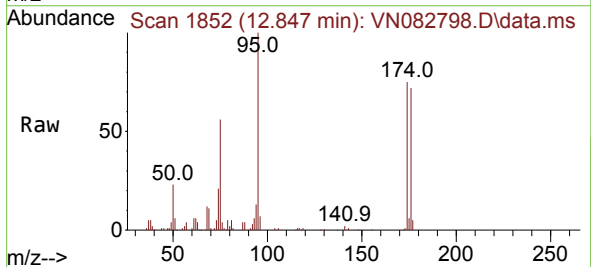
Instrument :
MSVOA_N
ClientSampleId :

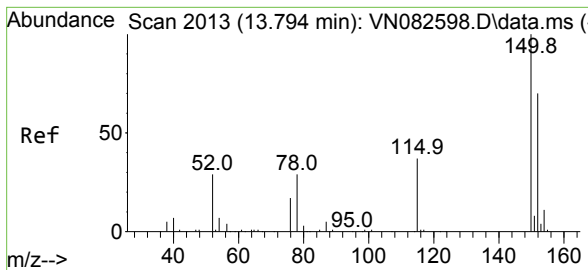
Tgt Ion:117 Resp: 233384
Ion Ratio Lower Upper
117 100
82 55.5 47.5 71.3
119 30.9 25.6 38.4



#71
Bromoform
Concen: 0.352 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Tgt Ion:173 Resp: 501
Ion Ratio Lower Upper
173 100
175 1074.1 24.0 72.0#
254 0.0 0.0 0.0

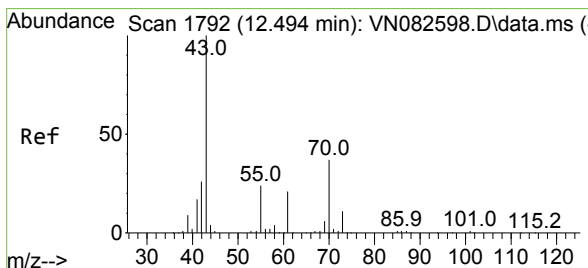
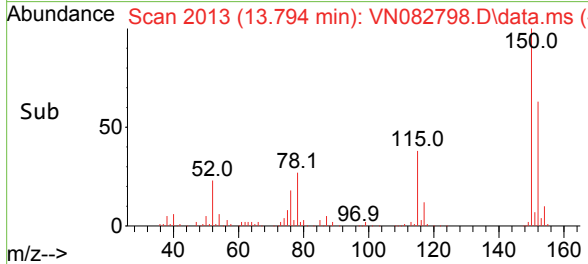
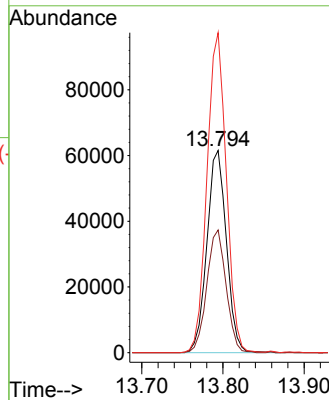
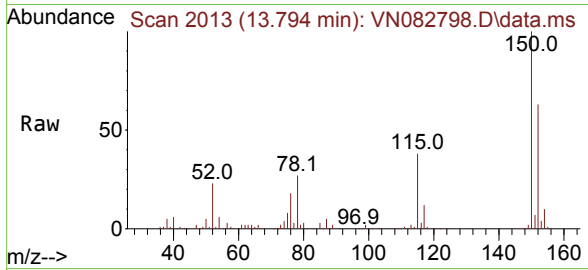




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082798.D
 Acq: 03 Jul 2024 13:14

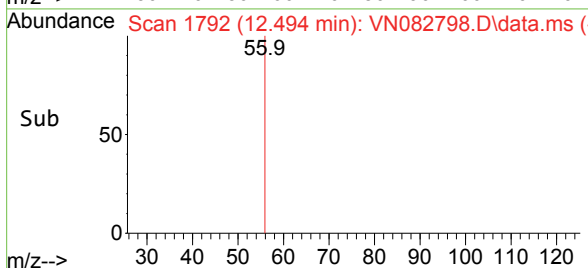
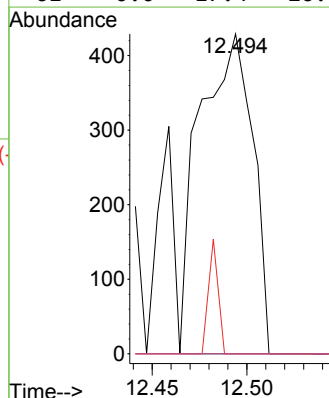
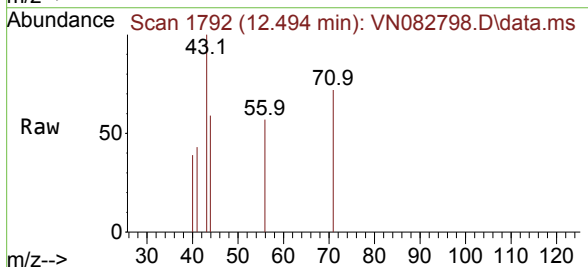
Instrument :
 MSVOA_N
 ClientSampleId :

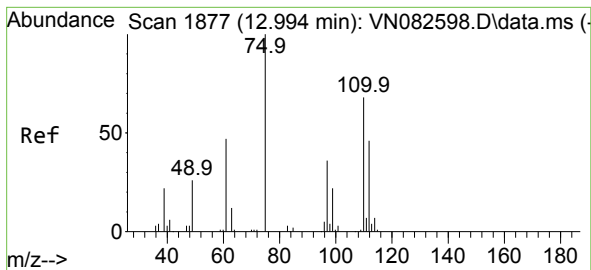
Tgt Ion:152 Resp: 102633
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.6 91.6
 150 156.3 0.0 348.6



#74
 N-ethyl acetate
 Concen: 0.251 ug/l
 RT: 12.494 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VN082798.D
 Acq: 03 Jul 2024 13:14

Tgt Ion: 43 Resp: 837
 Ion Ratio Lower Upper
 43 100
 70 0.0 29.8 44.6#
 55 6.5 18.7 28.1#
 61 0.0 17.4 26.0#

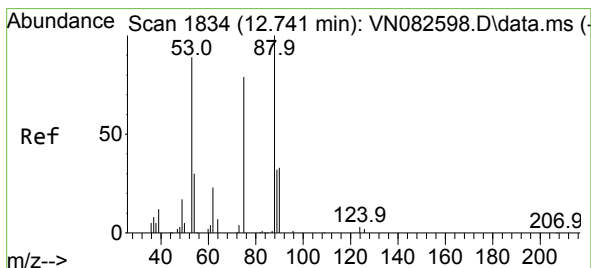
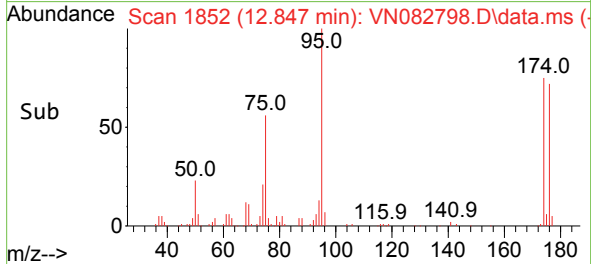
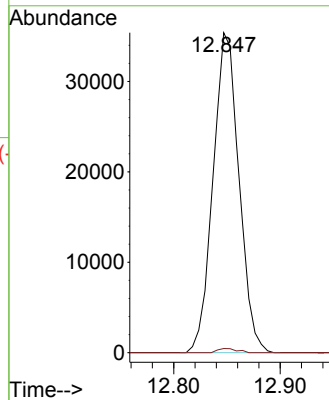
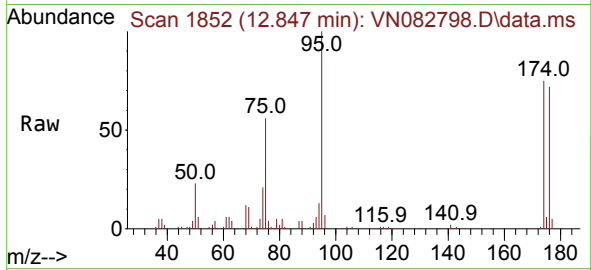




#76
1,2,3-Trichloropropane
Concen: 26.707 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 59788
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.649 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Tgt Ion: 75 Resp: 59788
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

