

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082962.D
 Acq On : 17 Jul 2024 14:47
 Operator : JC\MD
 Sample : PB162095TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162095TB

Quant Time: Jul 18 05:24:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

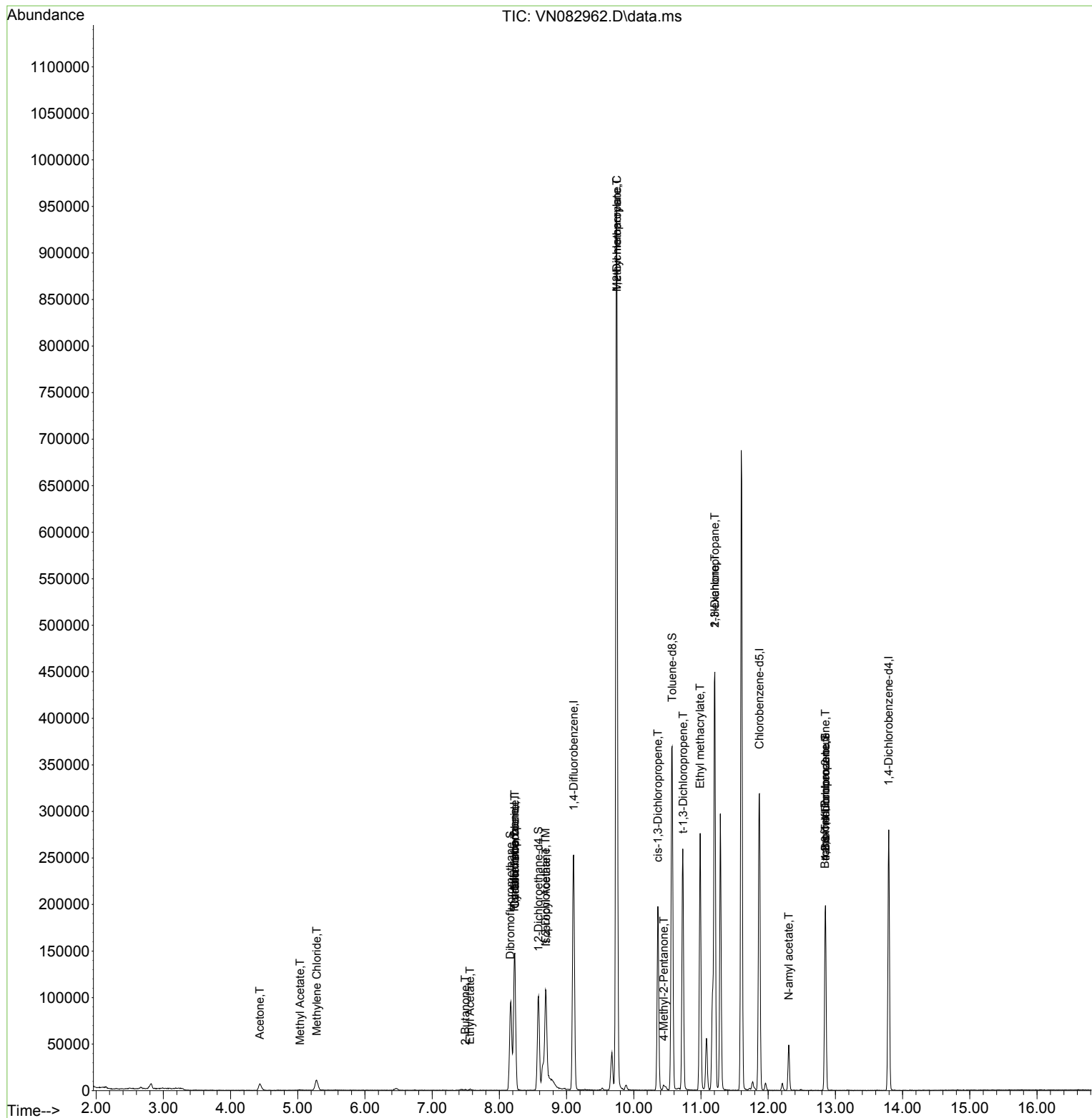
Internal Standards						
1) Pentafluorobenzene	8.224	168	102509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	212345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	183899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	83245	57.931	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.860%			
35) Dibromofluoromethane	8.165	113	68646	50.380	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.760%			
50) Toluene-d8	10.570	98	256219	50.912	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	12.853	95	63258	34.993	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 69.980%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	13861	27.398	ug/l	96
18) Methyl Acetate	5.036	43	1121	0.837	ug/l #	56
20) Methylene Chloride	5.283	84	8328	6.816	ug/l	86
25) 2-Butanone	7.494	43	1262	1.652	ug/l	96
31) Cyclohexane	8.229	56	2861	1.523	ug/l #	8
36) 1,1-Dichloropropene	8.229	75	9698	5.162	ug/l #	44
37) Ethyl Acetate	7.565	43	2326	1.216	ug/l #	76
38) Carbon Tetrachloride	8.229	117	11021	4.872	ug/l #	19
42) 1,2-Dichloroethane	8.688	62	513	0.247	ug/l #	78
43) Isopropyl Acetate	8.694	43	166122	45.815	ug/l #	83
45) 1,2-Dichloropropane	9.747	63	1009	0.748	ug/l #	44
48) Methyl methacrylate	9.747	41	91293	60.874	ug/l #	52
51) 4-Methyl-2-Pentanone	10.447	43	3877	2.045	ug/l	94
53) t-1,3-Dichloropropene	10.735	75	528	0.236	ug/l #	52
54) cis-1,3-Dichloropropene	10.359	75	31873	13.460	ug/l #	61
56) Ethyl methacrylate	10.988	69	1485	0.719	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	4860	2.068	ug/l #	43
59) 2-Hexanone	11.206	43	63042	44.719	ug/l #	58
71) Bromoform	12.847	173	786	0.713	ug/l #	1
74) N-amyl acetate	12.306	43	13903	6.550	ug/l #	57
76) 1,2,3-Trichloropropane	12.853	75	36635	30.091	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	36635	59.180	ug/l #	6

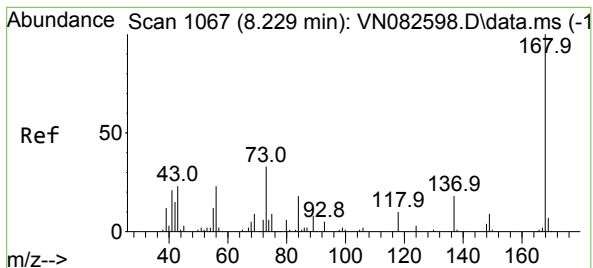
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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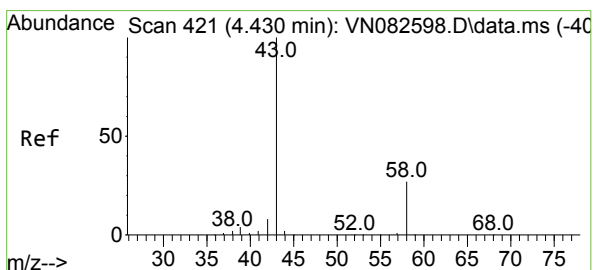
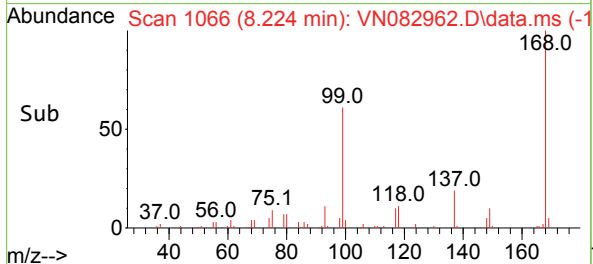
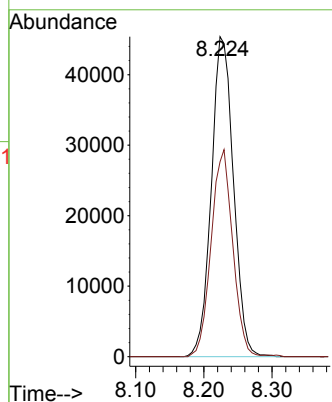
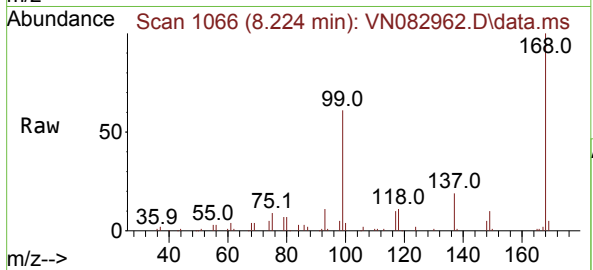




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

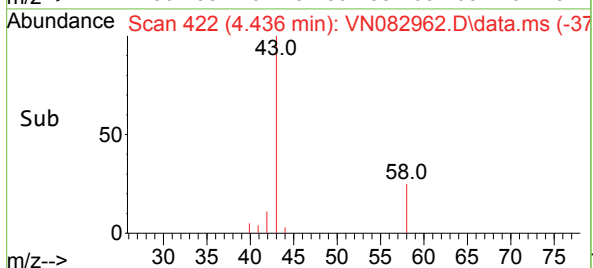
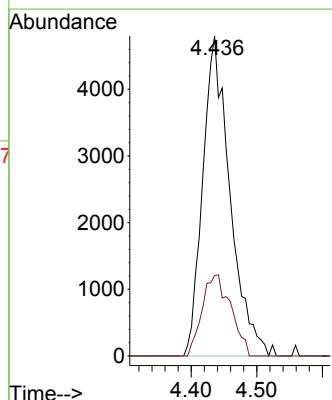
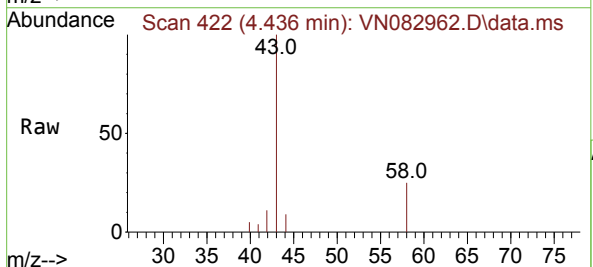
Instrument :
MSVOA_N
ClientSampleId :
PB162095TB

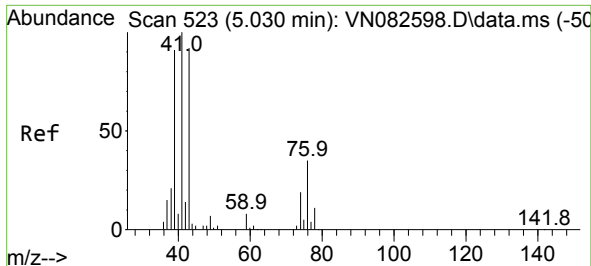
Tgt Ion:168 Resp: 102509
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#16
Acetone
Concen: 27.398 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

Tgt Ion: 43 Resp: 13861
Ion Ratio Lower Upper
43 100
58 25.1 21.8 32.6

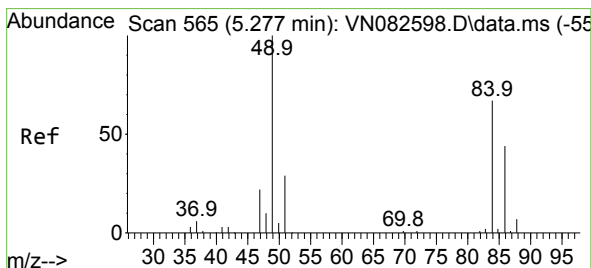
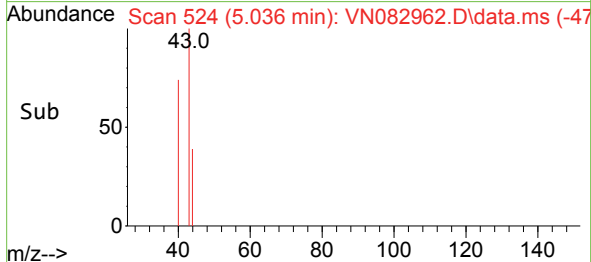
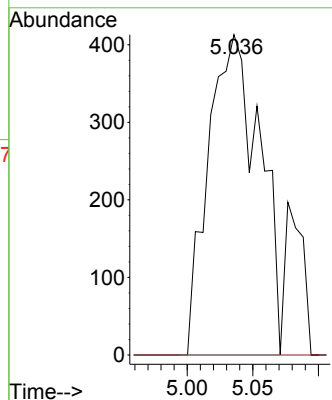
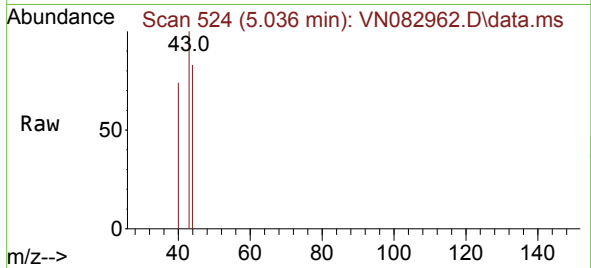




#18
Methyl Acetate
Concen: 0.837 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

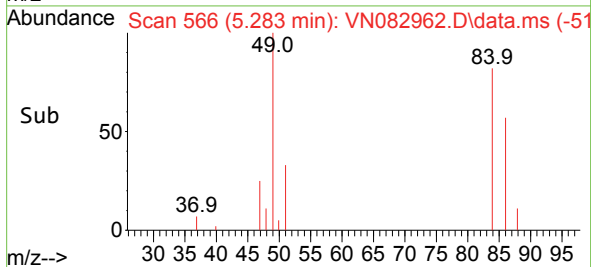
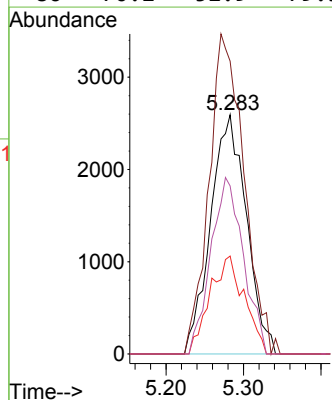
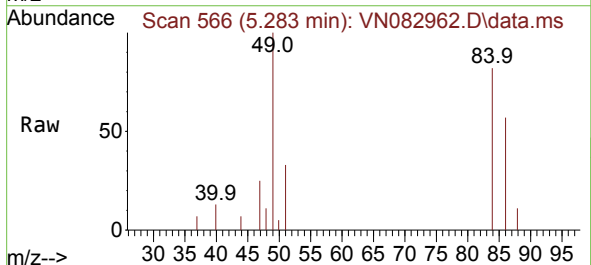
Instrument :
MSVOA_N
ClientSampleId :
PB162095TB

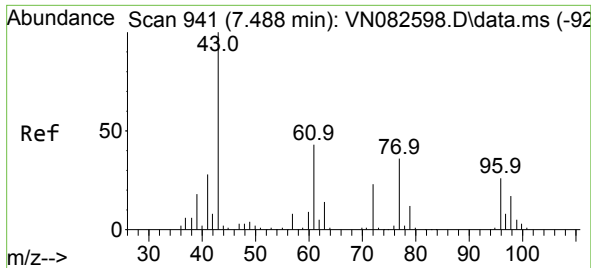
Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 6.816 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

Tgt Ion: 84 Resp: 8328
Ion Ratio Lower Upper
84 100
49 122.4 119.6 179.4
51 40.9 34.8 52.2
86 70.2 52.9 79.3

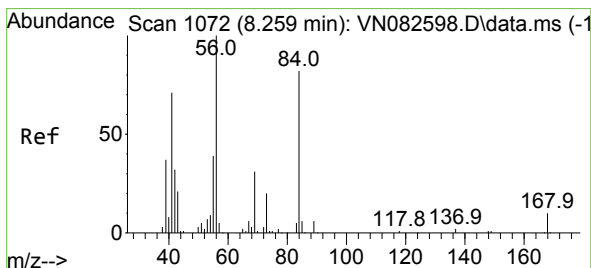
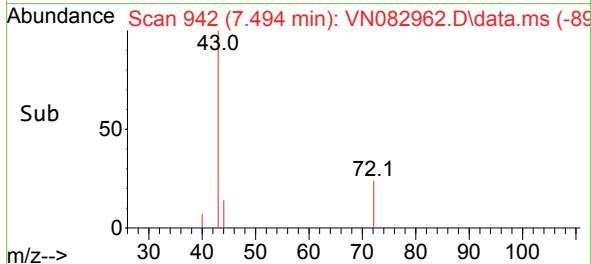
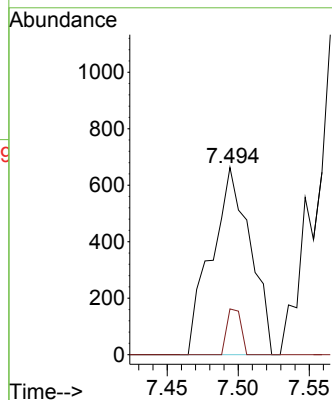
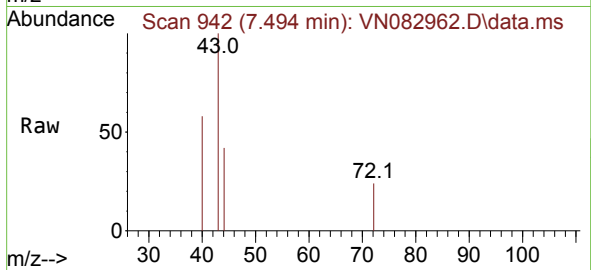




#25
2-Butanone
Concen: 1.652 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

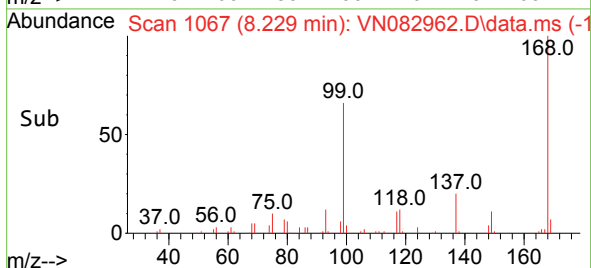
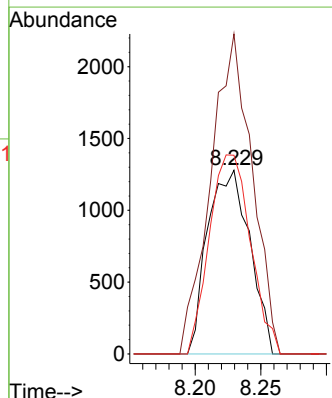
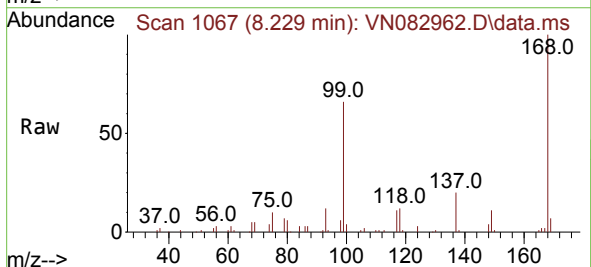
Instrument :
MSVOA_N
ClientSampleId :
PB162095TB

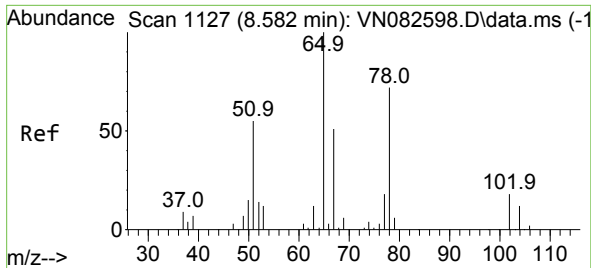
Tgt Ion: 43 Resp: 1262
Ion Ratio Lower Upper
43 100
72 24.4 18.2 27.2



#31
Cyclohexane
Concen: 1.523 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

Tgt Ion: 56 Resp: 2861
Ion Ratio Lower Upper
56 100
69 174.2 24.5 36.7#
84 108.2 66.0 99.0#

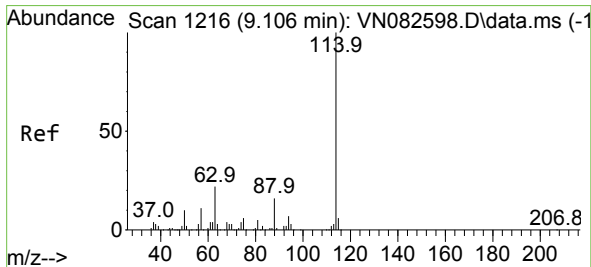
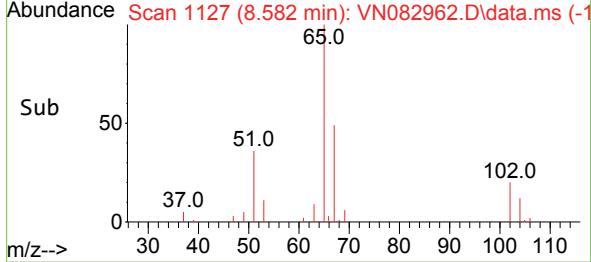
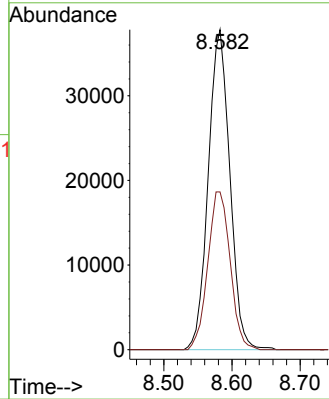
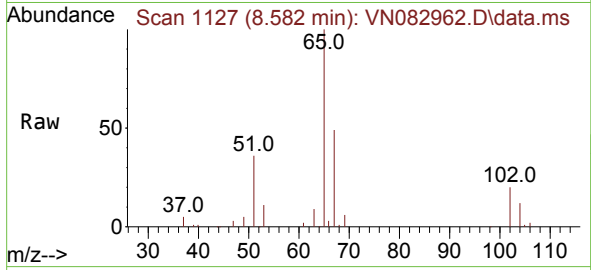




#33
1,2-Dichloroethane-d4
Concen: 57.931 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

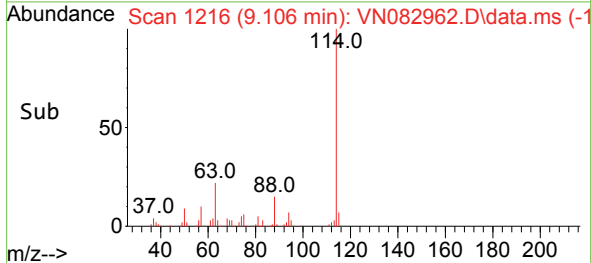
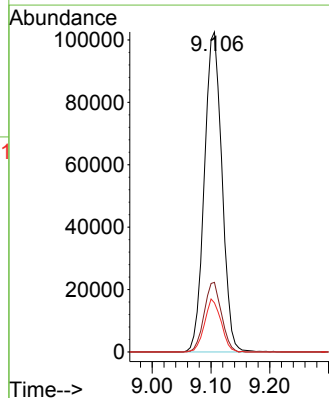
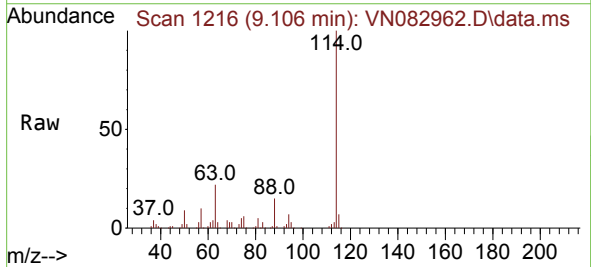
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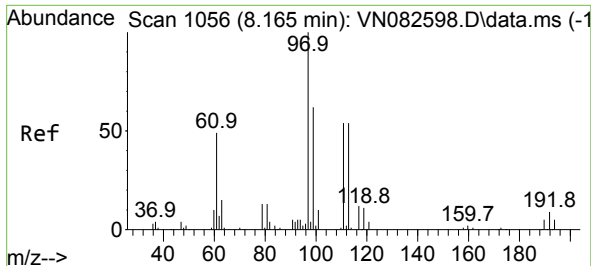
Tgt Ion: 65 Resp: 83245
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

Tgt Ion: 114 Resp: 212345
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.6
88 15.4 0.0 31.4

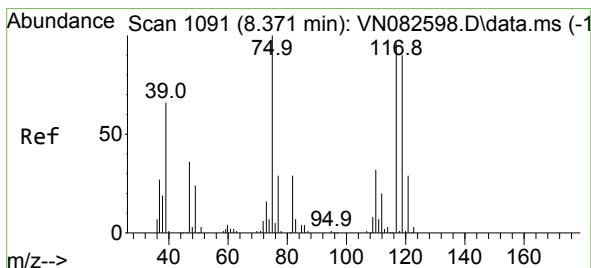
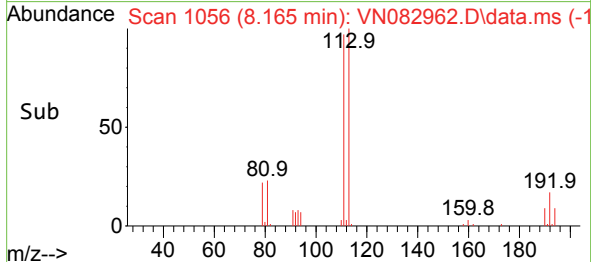
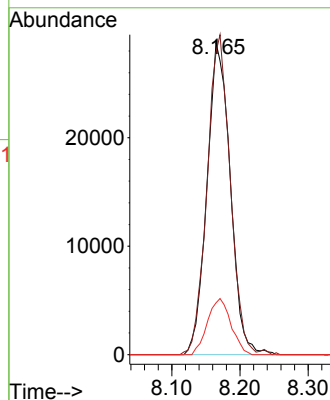
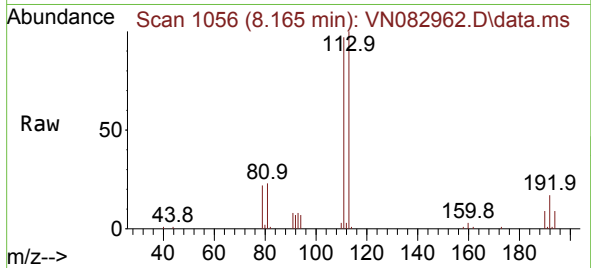




#35
Dibromofluoromethane
Concen: 50.380 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

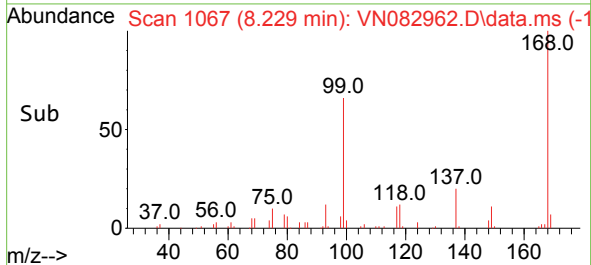
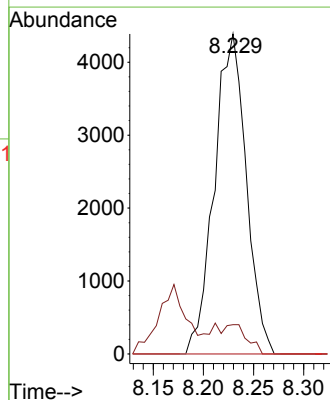
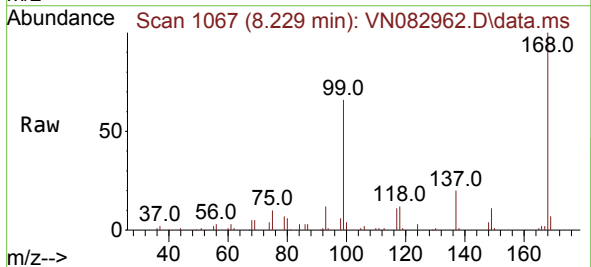
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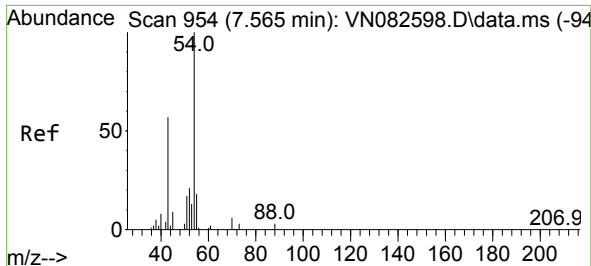
Tgt Ion:113 Resp: 68646
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 18.1 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.162 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

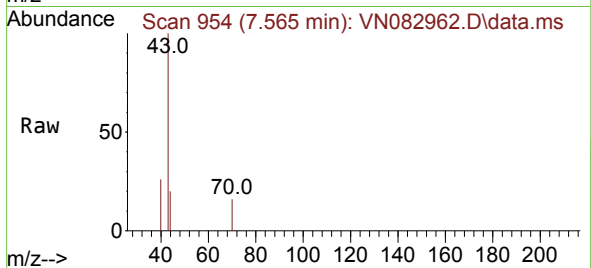
Tgt Ion: 75 Resp: 9698
Ion Ratio Lower Upper
75 100
110 0.7 16.3 48.9#
77 0.0 24.6 37.0#



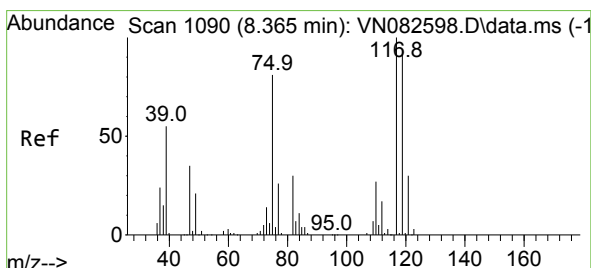
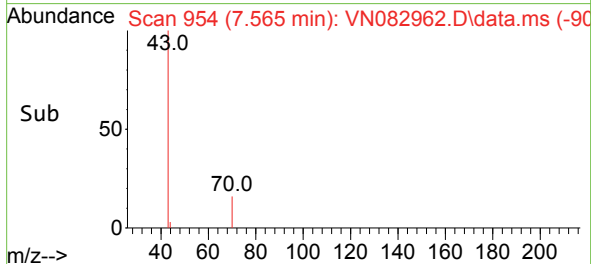
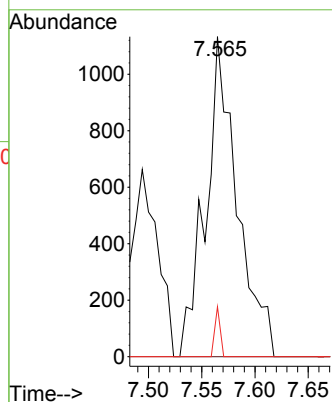


#37
Ethyl Acetate
Concen: 1.216 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

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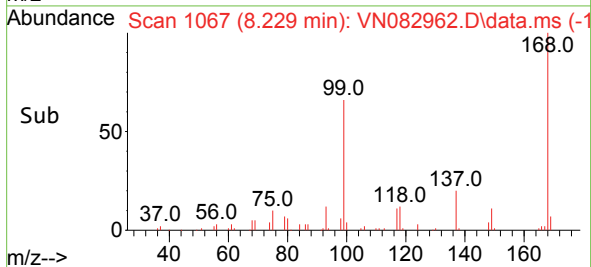
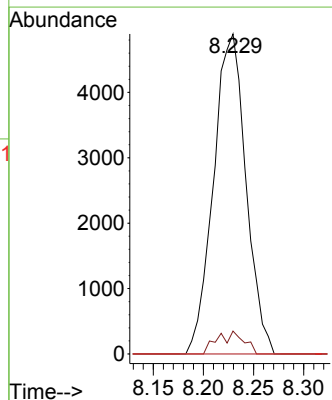
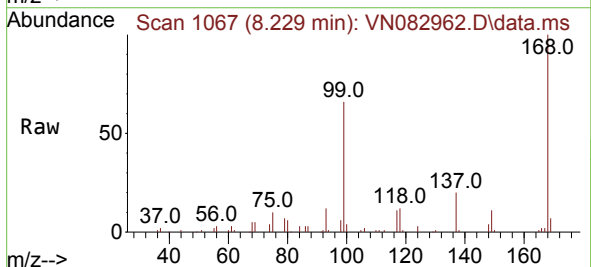


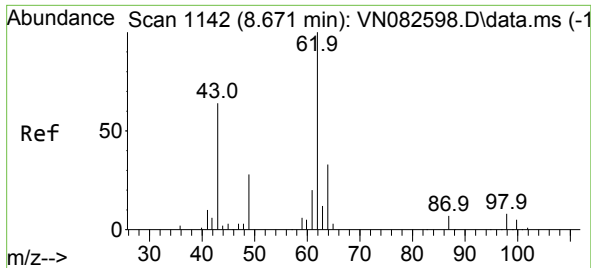
Tgt Ion: 43 Resp: 2326
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 2.7 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 4.872 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.136 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

Tgt Ion: 117 Resp: 11021
Ion Ratio Lower Upper
117 100
119 7.2 74.9 112.3#
121 0.0 24.3 36.5#





#42

1,2-Dichloroethane

Concen: 0.247 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.017 min

Lab File: VN082962.D

Acq: 17 Jul 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

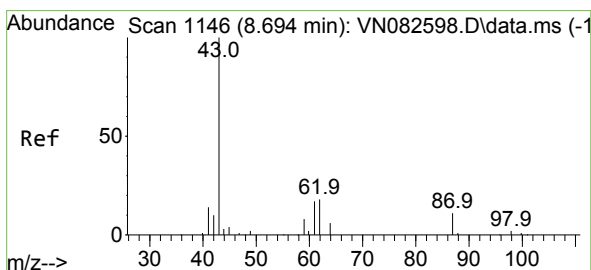
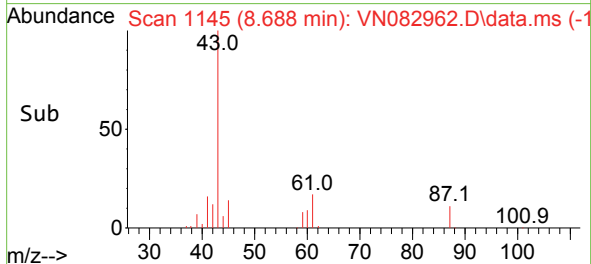
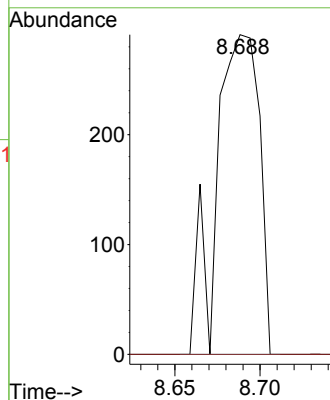
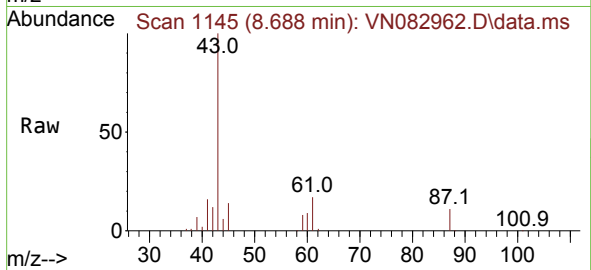
PB162095TB

Tgt Ion: 62 Resp: 513

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 45.815 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082962.D

Acq: 17 Jul 2024 14:47

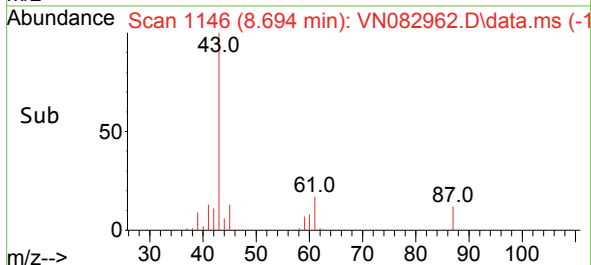
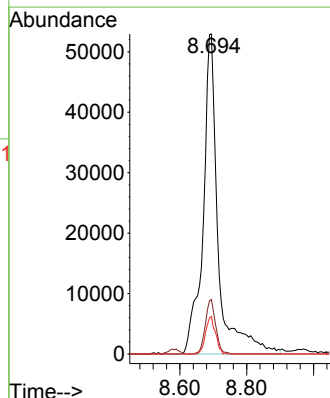
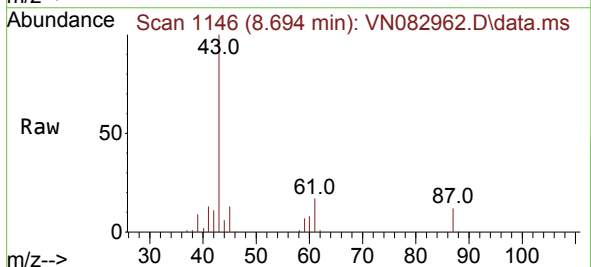
Tgt Ion: 43 Resp: 166122

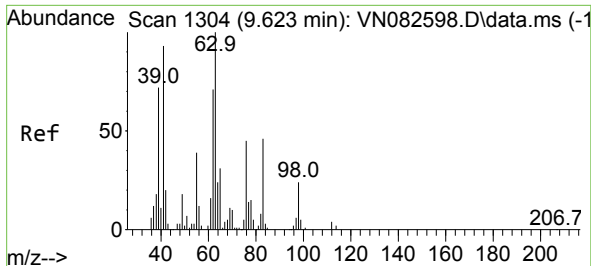
Ion Ratio Lower Upper

43 100

61 11.6 17.8 26.6#

87 7.6 8.2 12.2#





#45

1,2-Dichloropropane

Concen: 0.748 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.124 min

Lab File: VN082962.D

Acq: 17 Jul 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

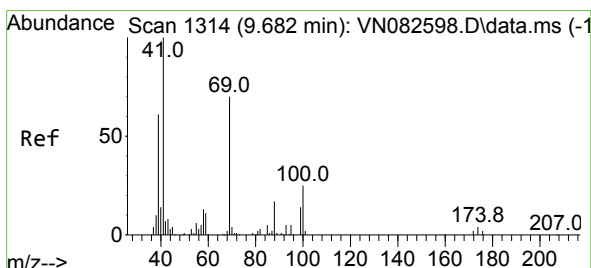
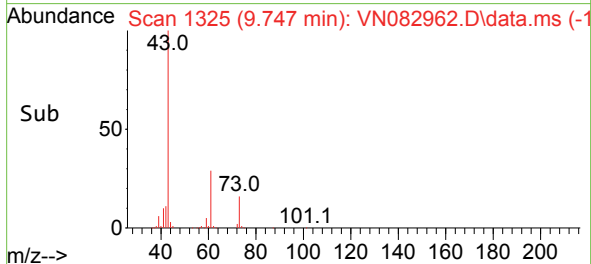
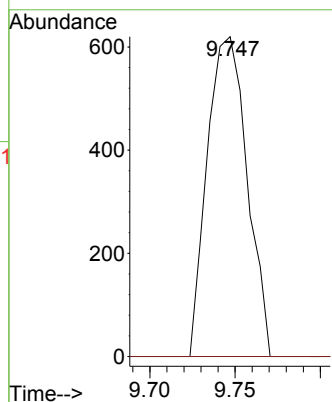
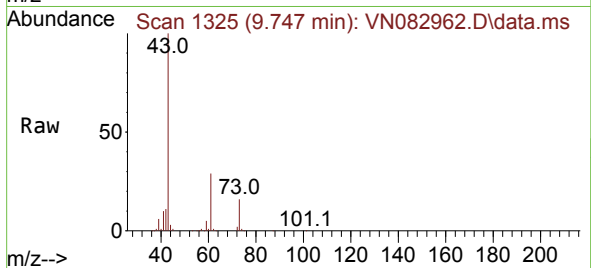
PB162095TB

Tgt Ion: 63 Resp: 1009

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 60.874 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.065 min

Lab File: VN082962.D

Acq: 17 Jul 2024 14:47

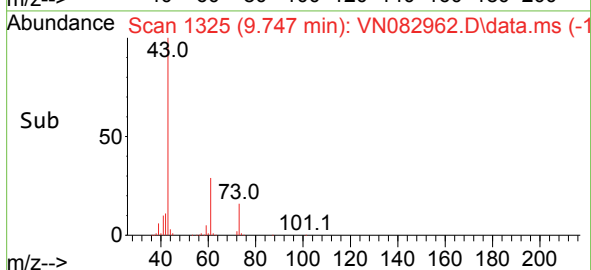
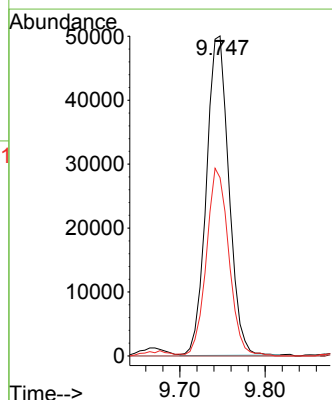
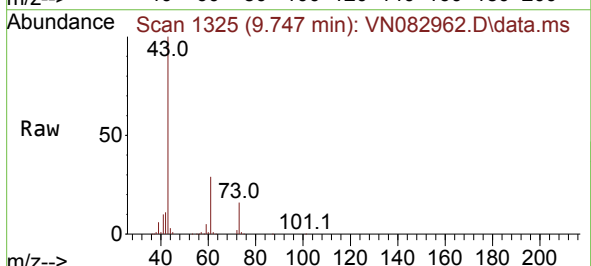
Tgt Ion: 41 Resp: 91293

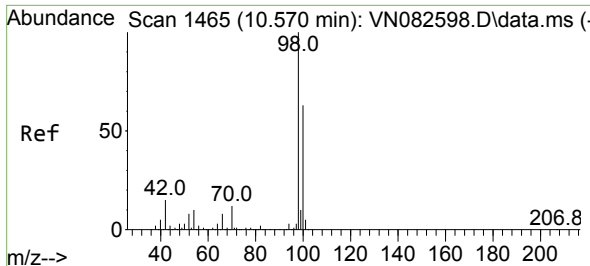
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 58.8 50.3 75.5

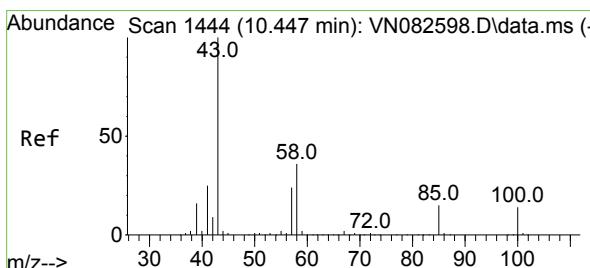
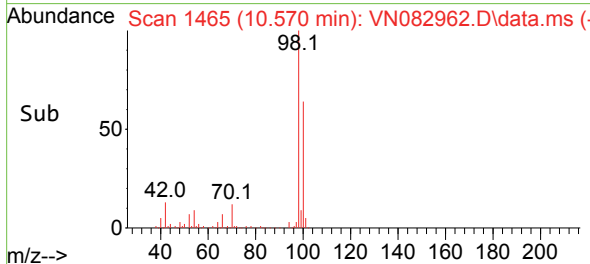
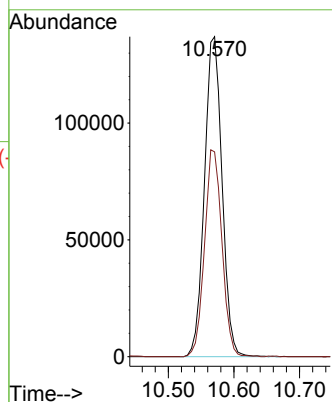
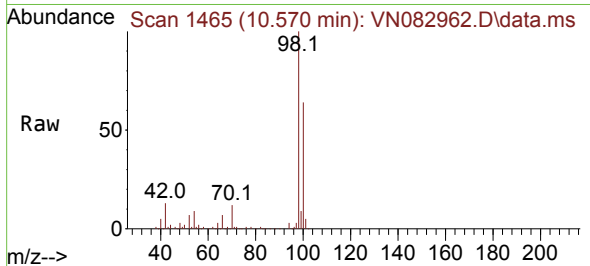




#50
Toluene-d8
Concen: 50.912 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

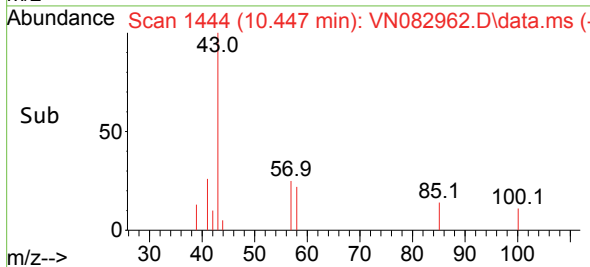
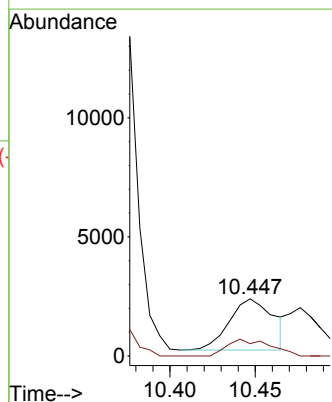
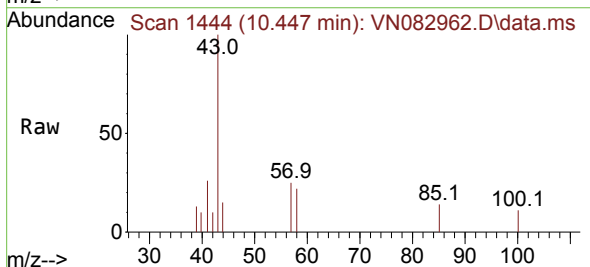
Instrument :
MSVOA_N
ClientSampleId :
PB162095TB

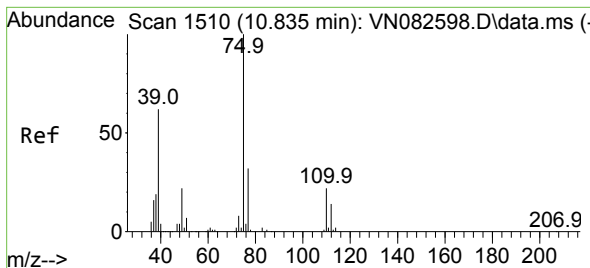
Tgt Ion: 98 Resp: 256219
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 2.045 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

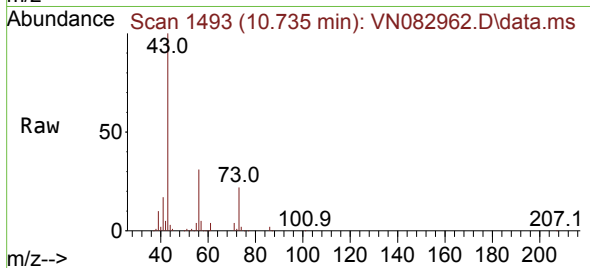
Tgt Ion: 43 Resp: 3877
Ion Ratio Lower Upper
43 100
58 31.9 28.2 42.4



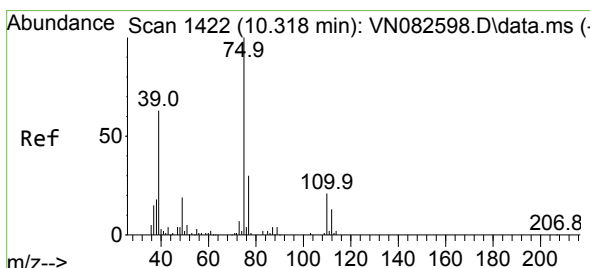
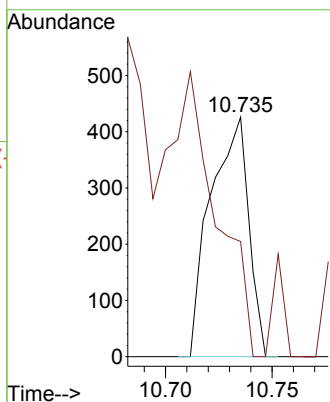
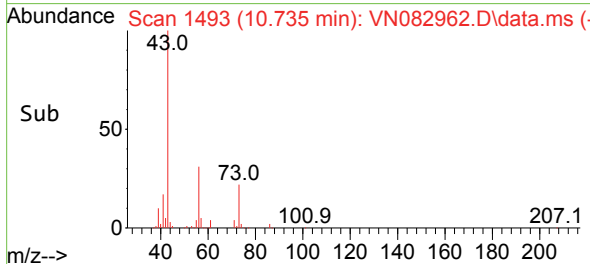


#53
t-1,3-Dichloropropene
Concen: 0.236 ug/l
RT: 10.735 min Scan# 1493
Delta R.T. -0.100 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

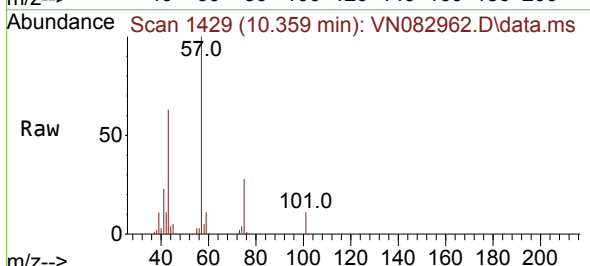
Instrument : MSVOA_N
ClientSampleId : PB162095TB



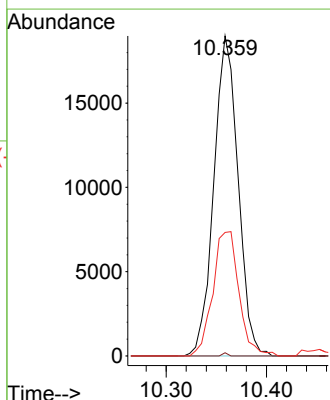
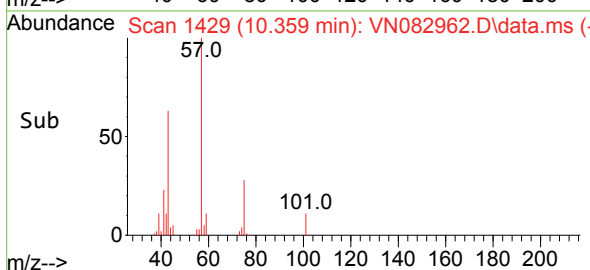
Tgt Ion: 75 Resp: 528
Ion Ratio Lower Upper
75 100
77 5.4 25.7 38.5#

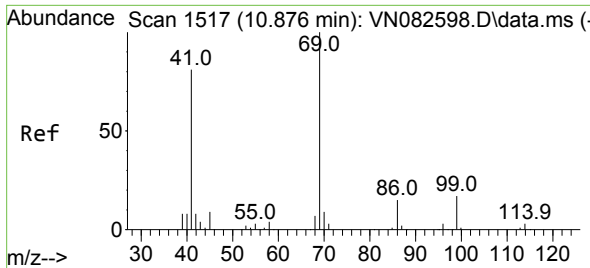


#54
cis-1,3-Dichloropropene
Concen: 13.460 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47



Tgt Ion: 75 Resp: 31873
Ion Ratio Lower Upper
75 100
77 1.0 24.3 36.5#
39 38.6 50.5 75.7#

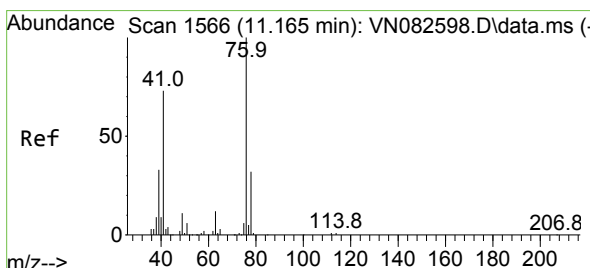
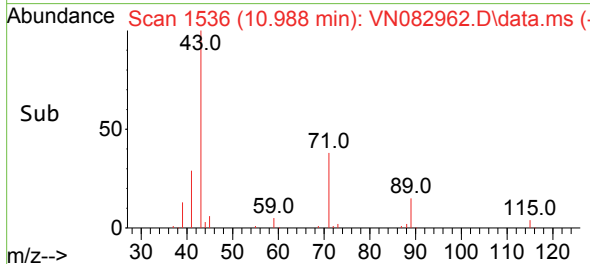
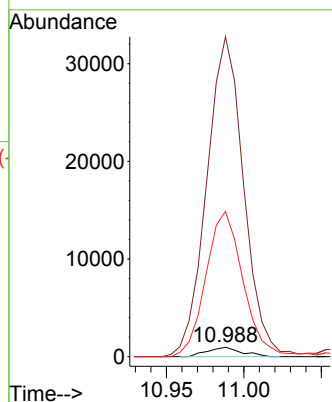
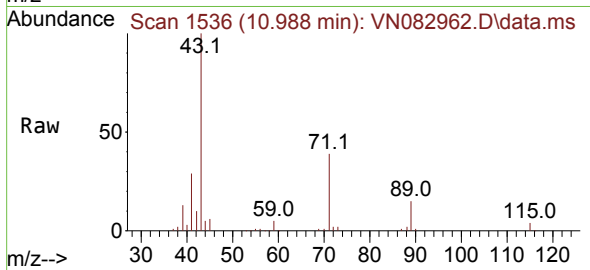




#56
Ethyl methacrylate
Concen: 0.719 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

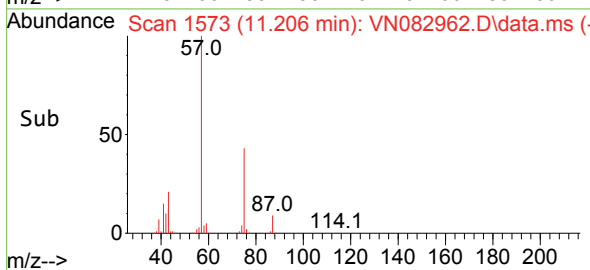
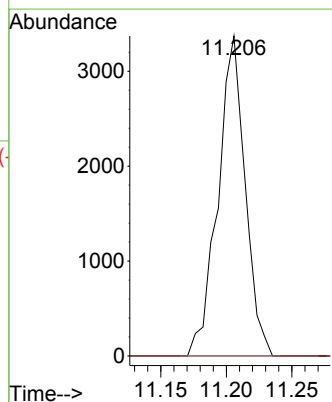
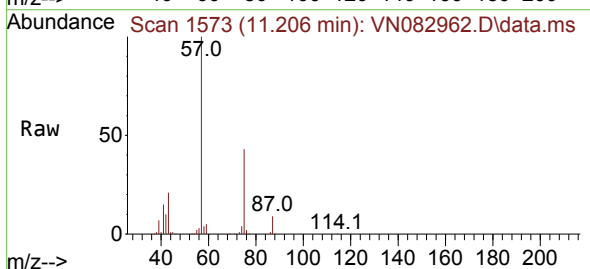
Instrument :
MSVOA_N
ClientSampleId :
PB162095TB

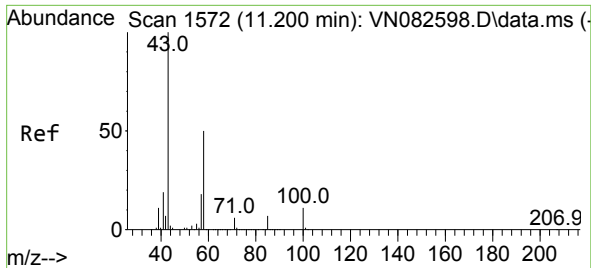
Tgt Ion: 69 Resp: 1485
Ion Ratio Lower Upper
69 100
41 3661.2 63.4 95.2#
39 1683.8 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 2.068 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

Tgt Ion: 76 Resp: 4860
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

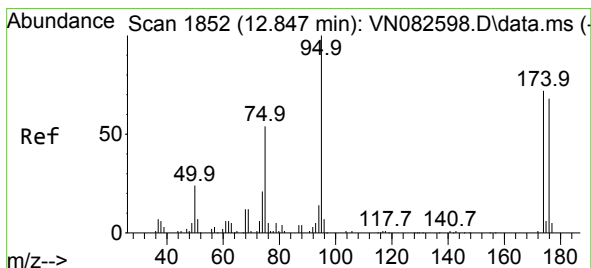
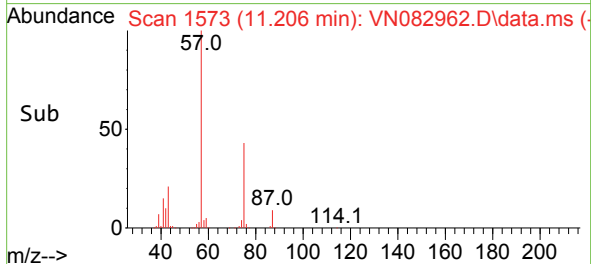
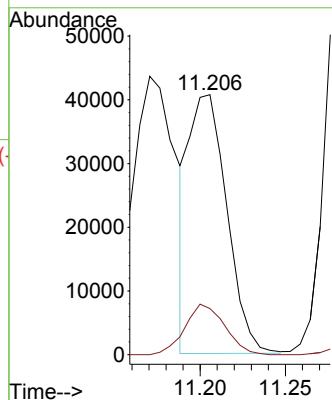
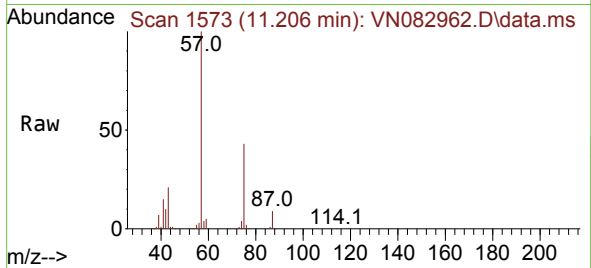




#59
2-Hexanone
Concen: 44.719 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

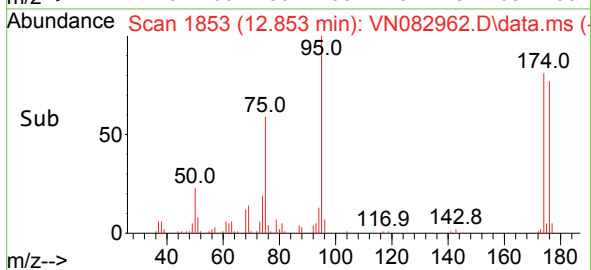
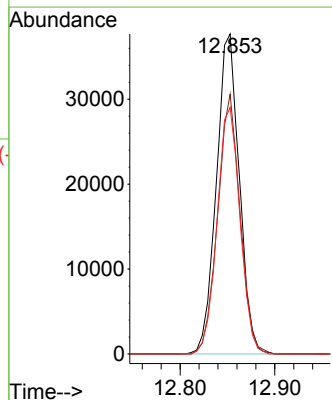
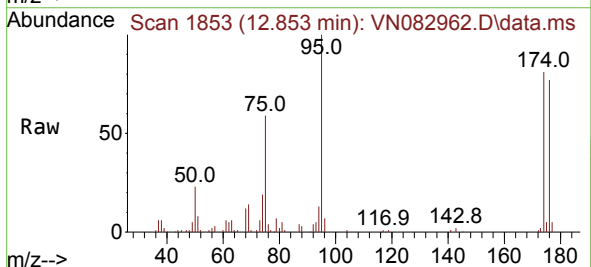
Instrument :
MSVOA_N
ClientSampleId :
PB162095TB

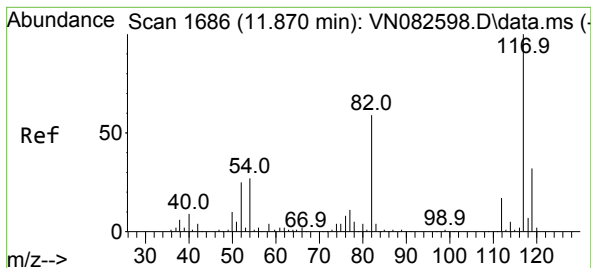
Tgt Ion: 43 Resp: 63042
Ion Ratio Lower Upper
43 100
58 20.5 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 34.993 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

Tgt Ion: 95 Resp: 63258
Ion Ratio Lower Upper
95 100
174 79.5 0.0 159.2
176 77.1 0.0 147.6

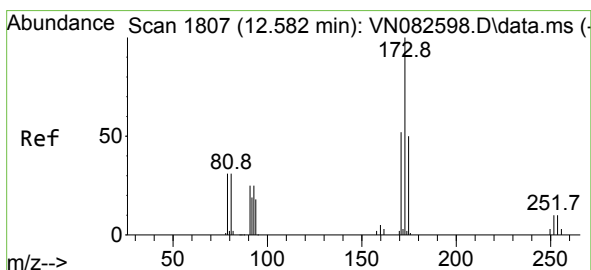
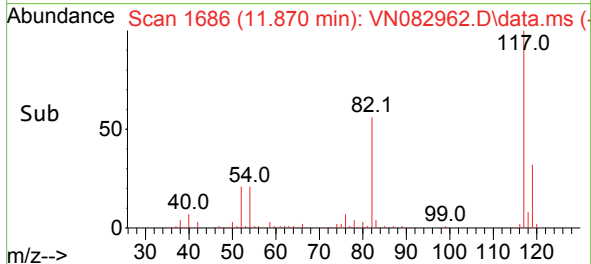
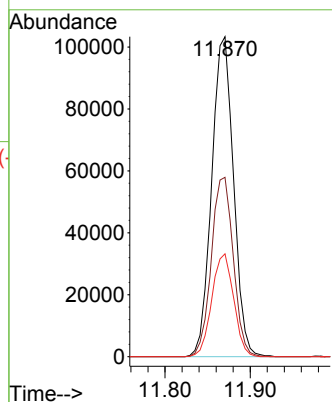
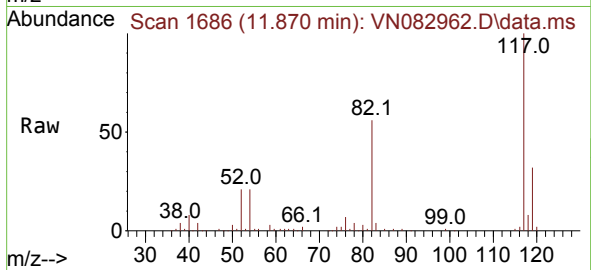




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

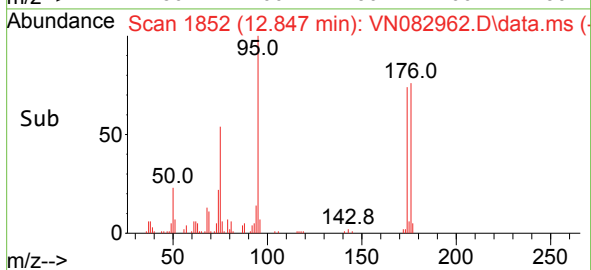
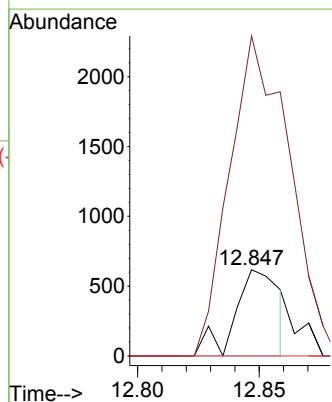
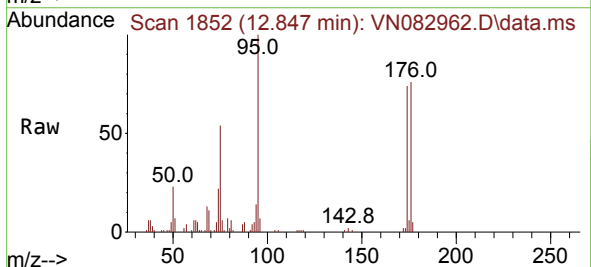
Instrument :
MSVOA_N
ClientSampleId :
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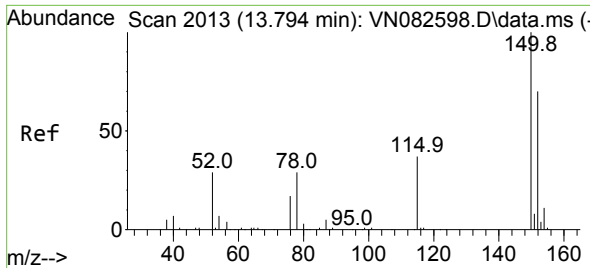
Tgt Ion:117 Resp: 183899
Ion Ratio Lower Upper
117 100
82 56.0 47.5 71.3
119 32.1 25.6 38.4



#71
Bromoform
Concen: 0.713 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

Tgt Ion:173 Resp: 786
Ion Ratio Lower Upper
173 100
175 322.3 24.0 72.0#
254 0.0 0.0 0.0

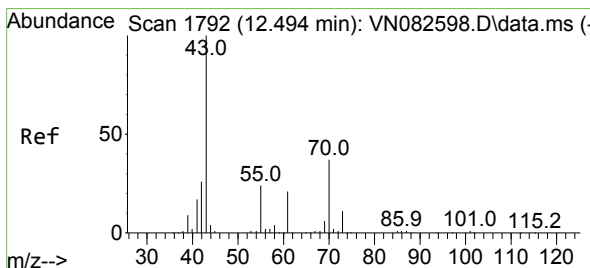
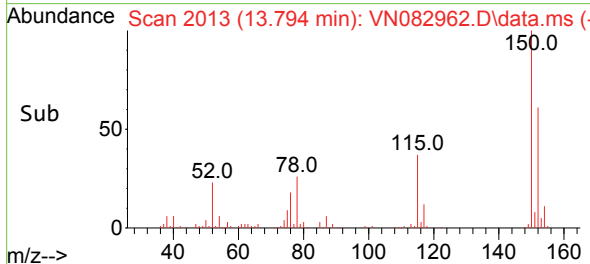
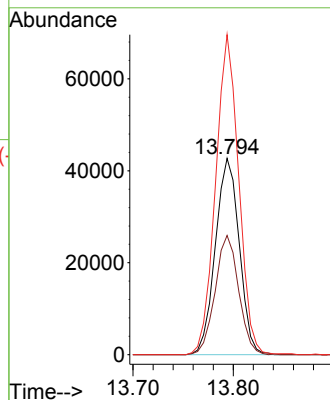
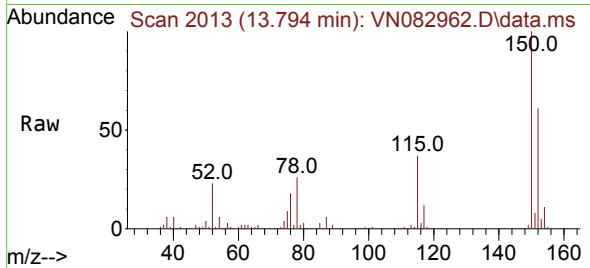




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

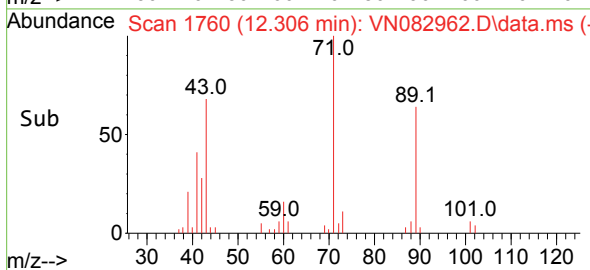
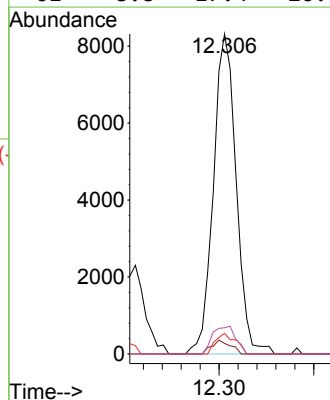
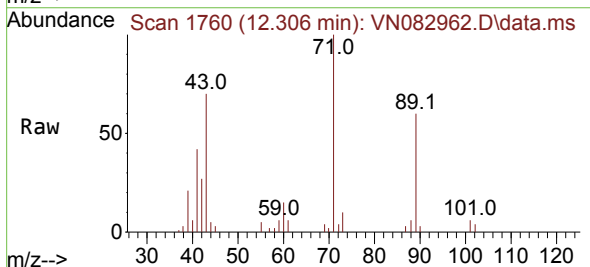
Instrument :
MSVOA_N
ClientSampleId :
PB162095TB

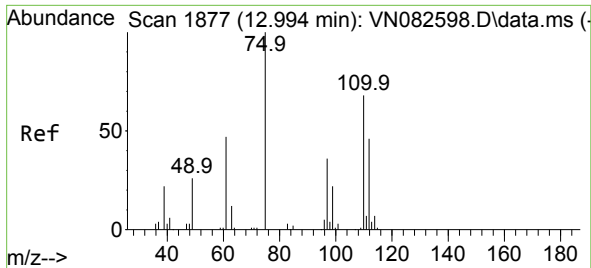
Tgt Ion:152 Resp: 70617
Ion Ratio Lower Upper
152 100
115 59.9 30.6 91.6
150 157.8 0.0 348.6



#74
N-ethyl acetate
Concen: 6.550 ug/l
RT: 12.306 min Scan# 1760
Delta R.T. -0.188 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

Tgt Ion: 43 Resp: 13903
Ion Ratio Lower Upper
43 100
70 3.6 29.8 44.6#
55 5.7 18.7 28.1#
61 8.8 17.4 26.0#

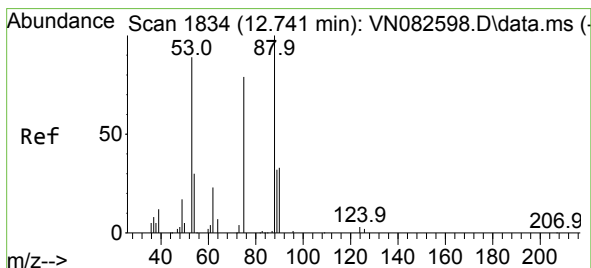
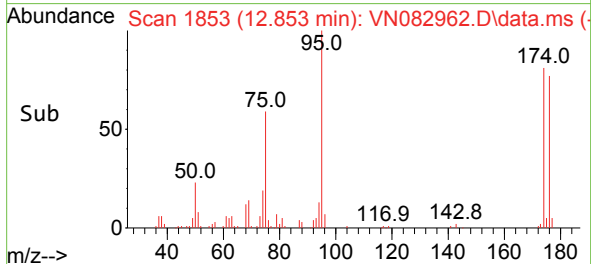
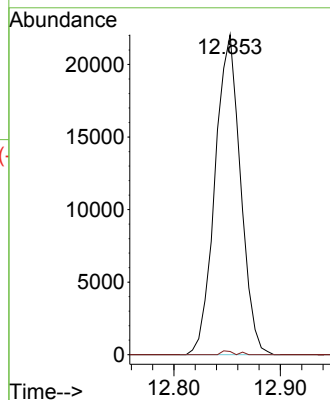
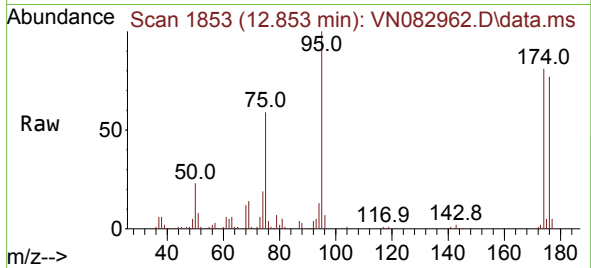




#76
1,2,3-Trichloropropane
Concen: 30.091 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :
PB162095TB

Tgt Ion: 75 Resp: 36635
Ion Ratio Lower Upper
75 100
77 0.6 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.180 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082962.D
Acq: 17 Jul 2024 14:47

Tgt Ion: 75 Resp: 36635
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

