

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
 Data File : VN080663.D
 Acq On : 10 Jan 2024 15:32
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 06:43:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

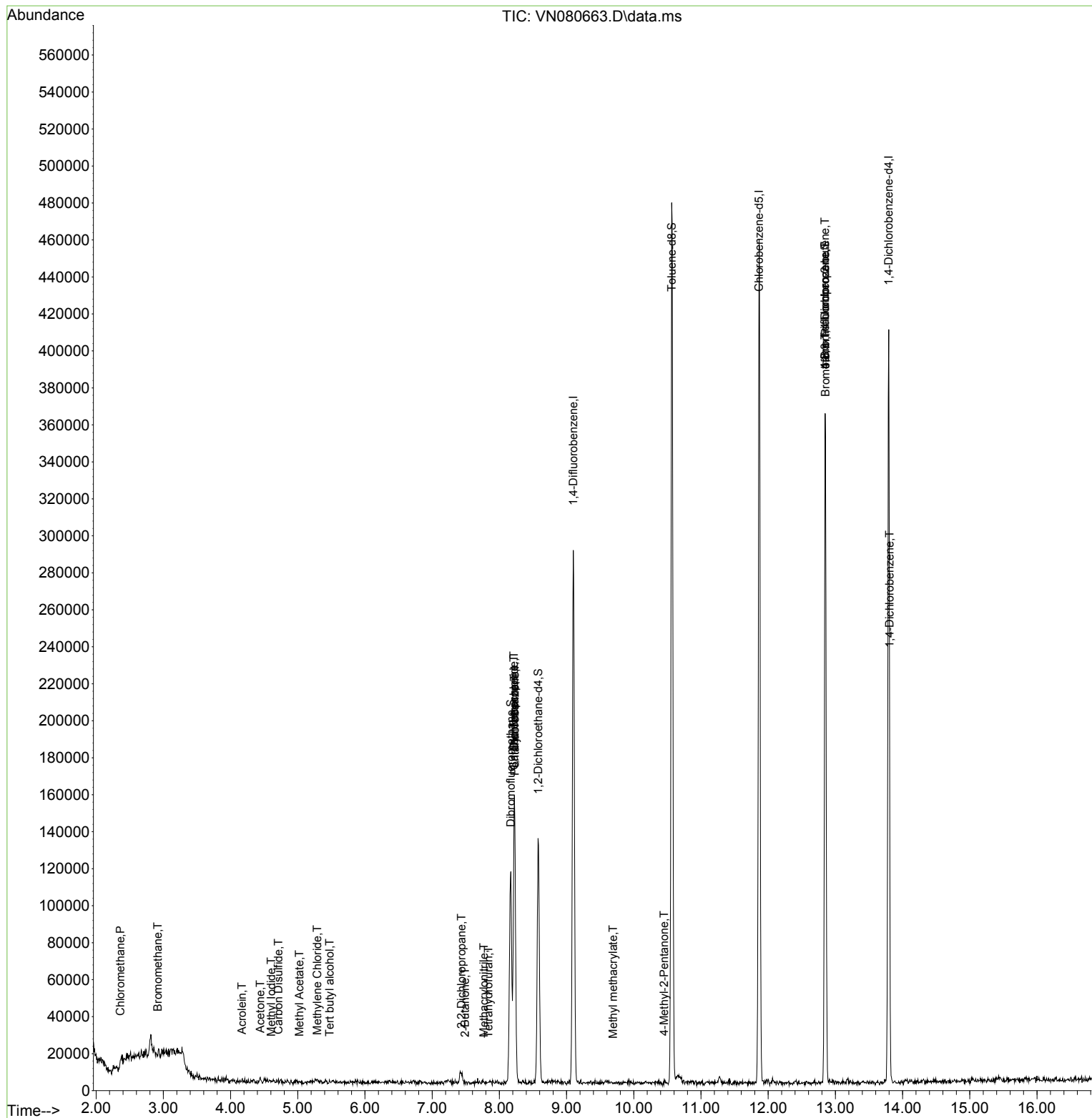
Internal Standards						
1) Pentafluorobenzene	8.229	168	98435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	226913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105217	60.868	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.740%			
35) Dibromofluoromethane	8.171	113	80569	62.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 124.980%#			
50) Toluene-d8	10.565	98	312001	63.466	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 126.940%#			
62) 4-Bromofluorobenzene	12.847	95	128251	68.031	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 136.060%#			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	3470	1.304	ug/l #	79
5) Bromomethane	2.918	94	266	0.482	ug/l #	34
10) Methyl Iodide	4.606	142	275	0.252	ug/l #	38
11) Tert butyl alcohol	5.477	59	66	0.226	ug/l #	1
13) Acrolein	4.171	56	612	2.505	ug/l #	46
16) Acetone	4.441	43	466	0.821	ug/l #	40
17) Carbon Disulfide	4.712	76	2017	0.449	ug/l #	58
18) Methyl Acetate	5.024	43	425	0.251	ug/l #	42
20) Methylene Chloride	5.288	84	1059	0.639	ug/l #	53
25) 2-Butanone	7.488	43	585	0.570	ug/l #	37
26) 2,2-Dichloropropane	7.435	77	575	0.219	ug/l #	46
29) Tetrahydrofuran	7.835	42	351	0.508	ug/l #	49
31) Cyclohexane	8.224	56	4258	1.594	ug/l #	21
36) 1,1-Dichloropropene	8.218	75	10412	3.942	ug/l #	46
38) Carbon Tetrachloride	8.218	117	11926	5.029	ug/l #	14
41) Methacrylonitrile	7.771	41	1025	0.690	ug/l #	36
48) Methyl methacrylate	9.694	41	600	0.269	ug/l #	56
51) 4-Methyl-2-Pentanone	10.453	43	845	0.333	ug/l #	31
71) Bromoform	12.853	173	530	0.428	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	74059	25.889	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74059	61.031	ug/l #	15
88) 1,4-Dichlorobenzene	13.806	146	723	0.212	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.876	75	59	Below Cal	#	4

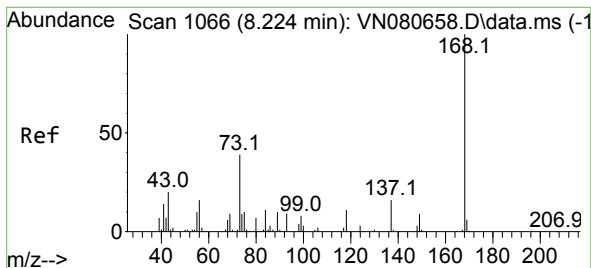
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
Data File : VN080663.D
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Instrument :
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Quant Time: Jan 11 06:43:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN080663.D

Acq: 10 Jan 2024 15:32

Instrument :

MSVOA_N

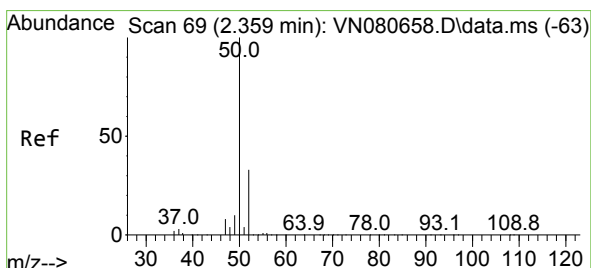
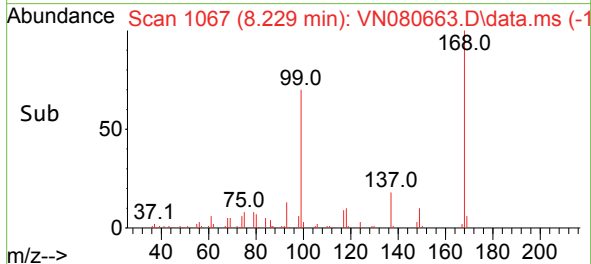
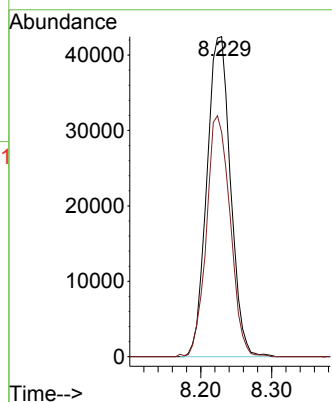
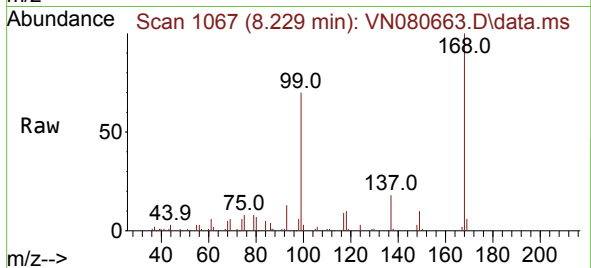
ClientSampleId :

Tgt Ion:168 Resp: 98435

Ion Ratio Lower Upper

168 100

99 70.1 53.0 79.6



#3

Chloromethane

Concen: 1.304 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080663.D

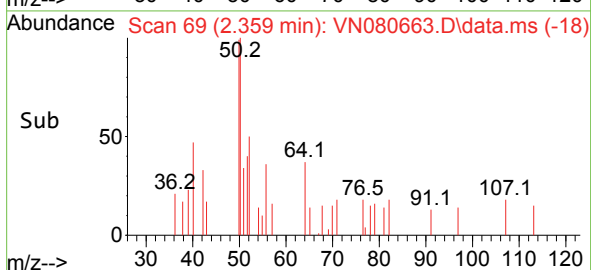
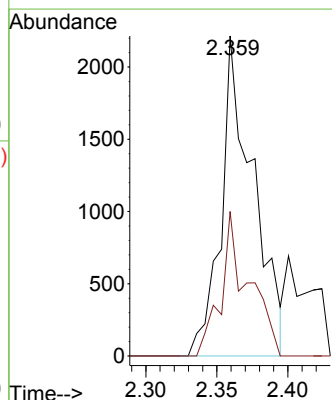
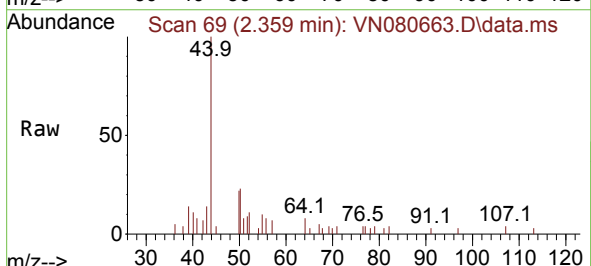
Acq: 10 Jan 2024 15:32

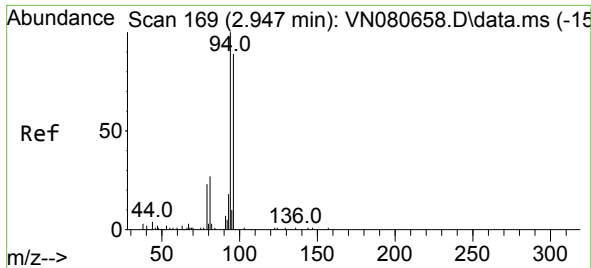
Tgt Ion: 50 Resp: 3470

Ion Ratio Lower Upper

50 100

52 45.1 26.5 39.7#

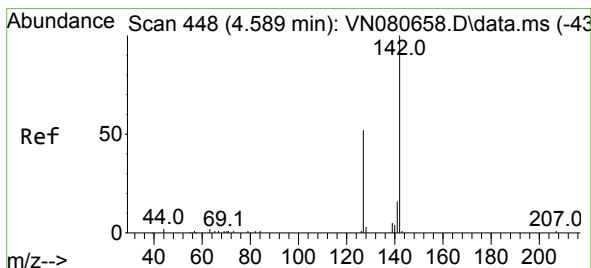
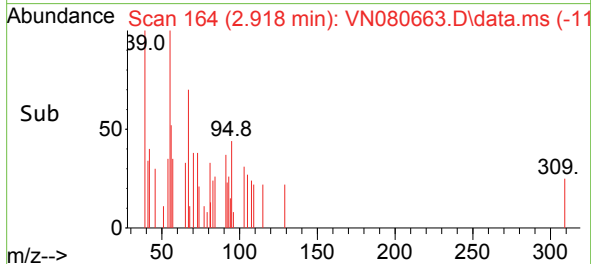
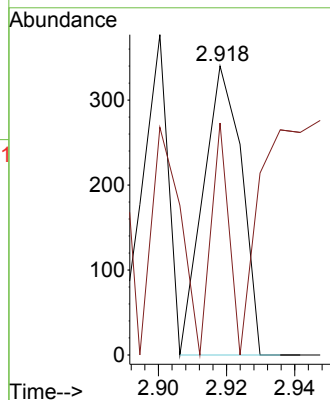
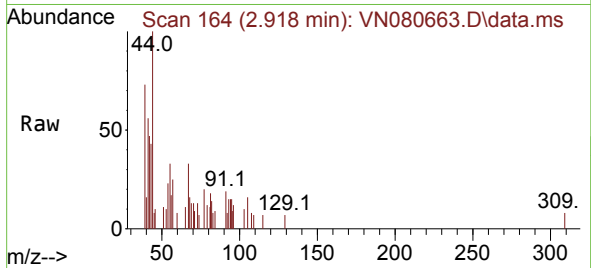




#5
Bromomethane
Concen: 0.482 ug/l
RT: 2.918 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

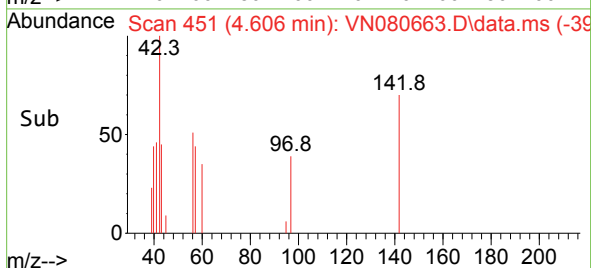
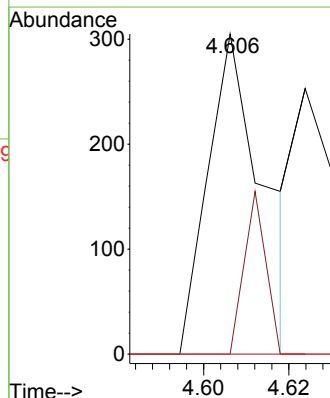
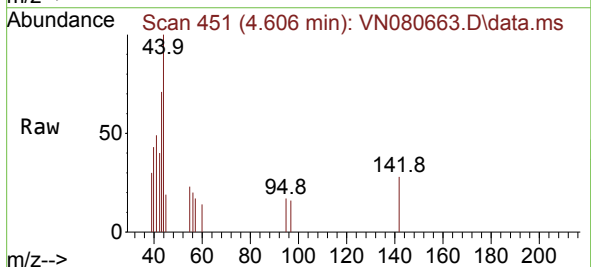
Instrument :
MSVOA_N
ClientSampleId :

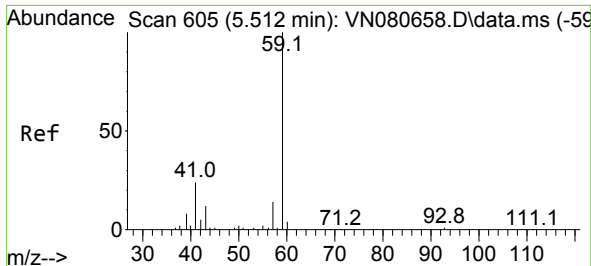
Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 28.5 73.1 109.7#



#10
Methyl Iodide
Concen: 0.252 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.018 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Tgt Ion:142 Resp: 275
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#

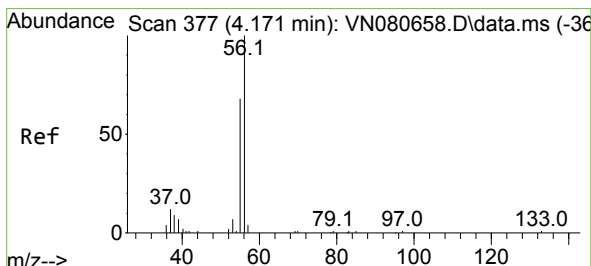
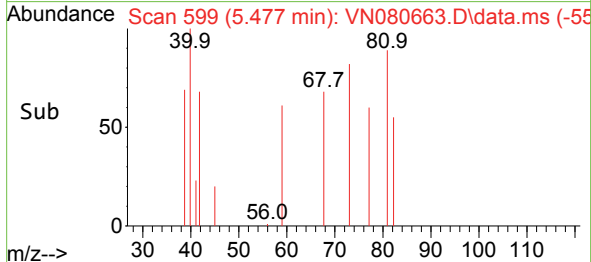
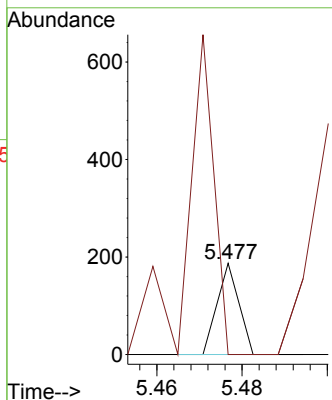
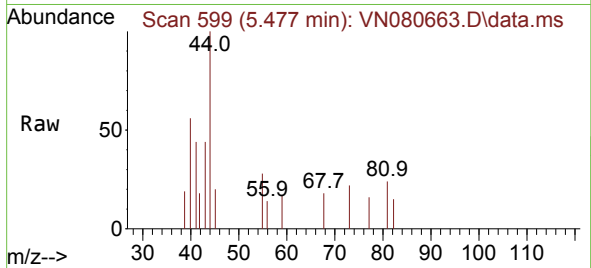




#11
Tert butyl alcohol
Concen: 0.226 ug/l
RT: 5.477 min Scan# 59
Delta R.T. -0.035 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

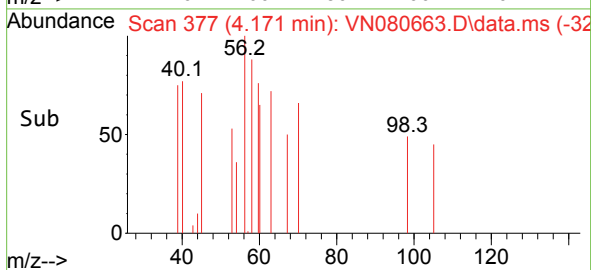
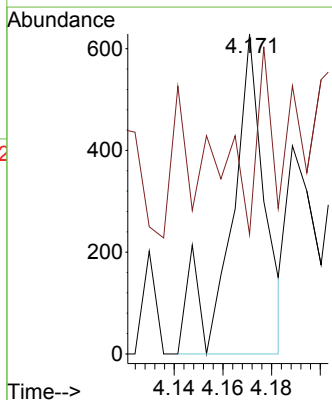
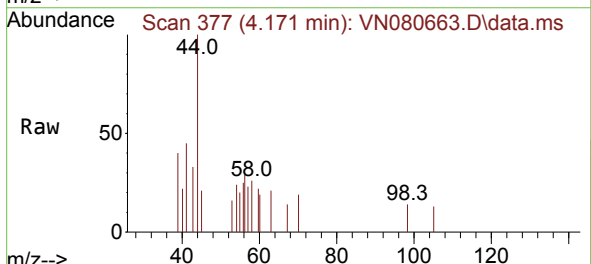
Instrument :
MSVOA_N
ClientSampleId :

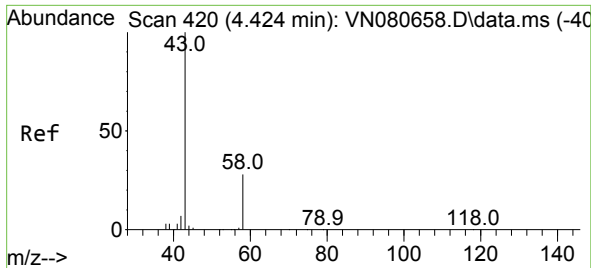
Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 447.0 8.2 12.4#



#13
Acrolein
Concen: 2.505 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.000 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Tgt Ion: 56 Resp: 612
Ion Ratio Lower Upper
56 100
55 24.2 54.5 81.7#

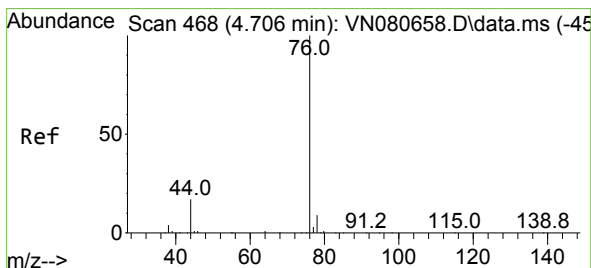
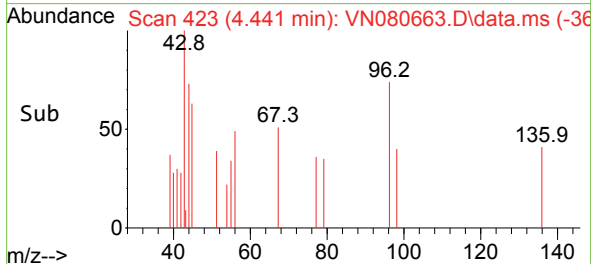
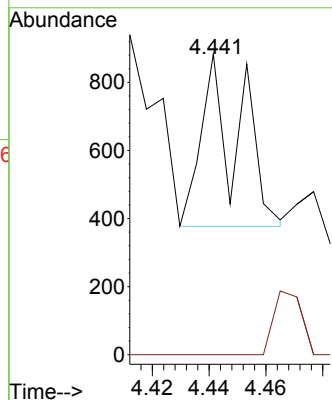
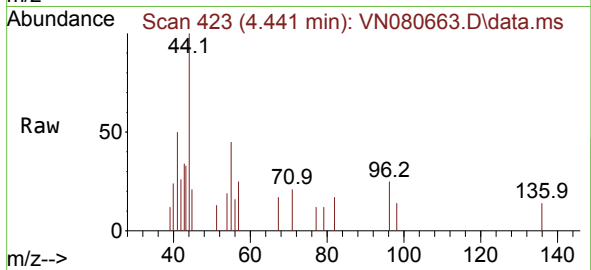




#16
Acetone
Concen: 0.821 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

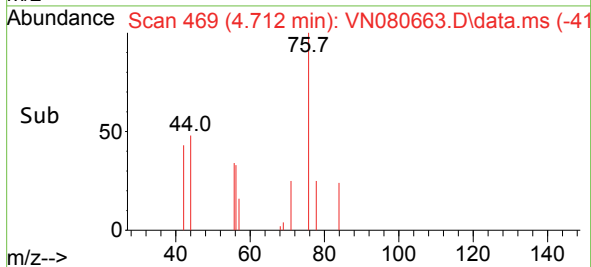
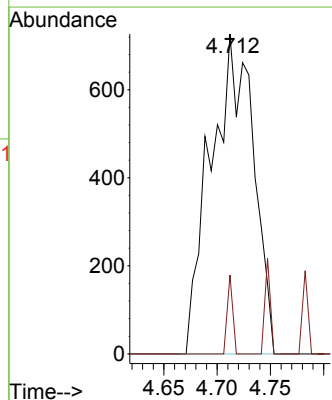
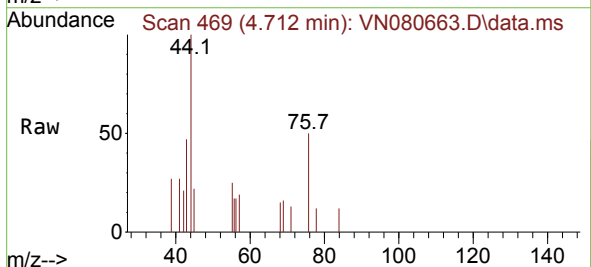
Instrument :
MSVOA_N
ClientSampleId :

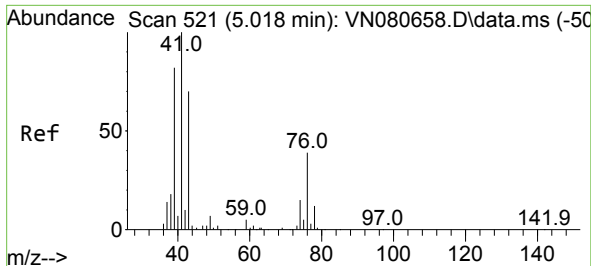
Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.449 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

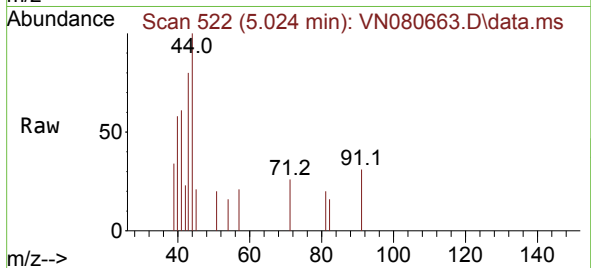
Tgt Ion: 76 Resp: 2017
Ion Ratio Lower Upper
76 100
78 24.6 7.4 11.0#



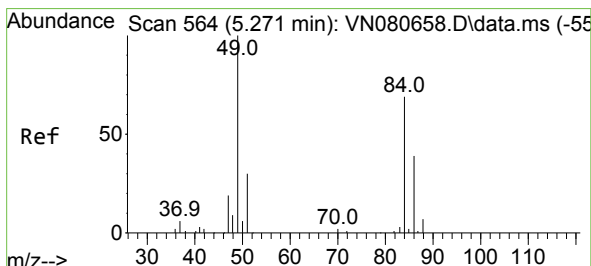
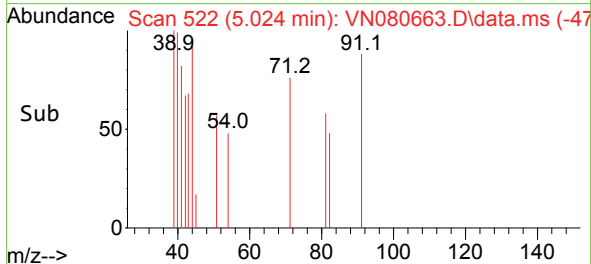
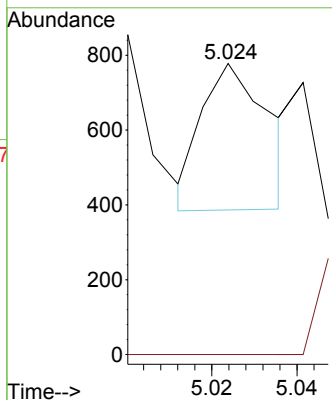


#18
Methyl Acetate
Concen: 0.251 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :

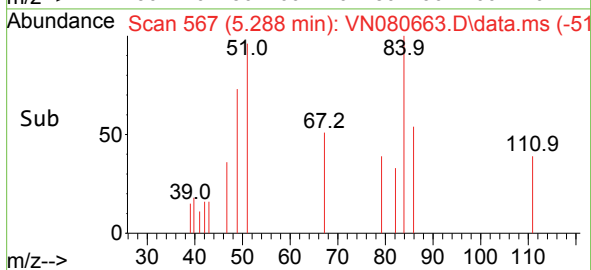
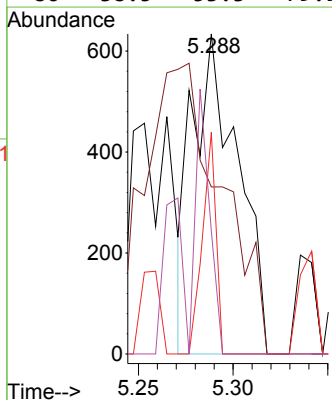
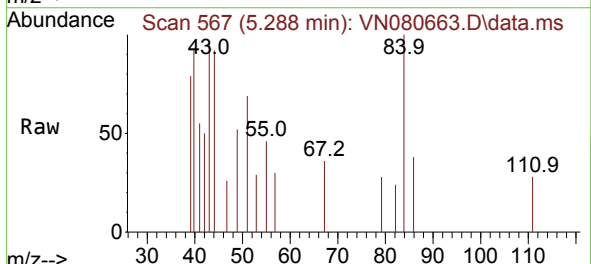


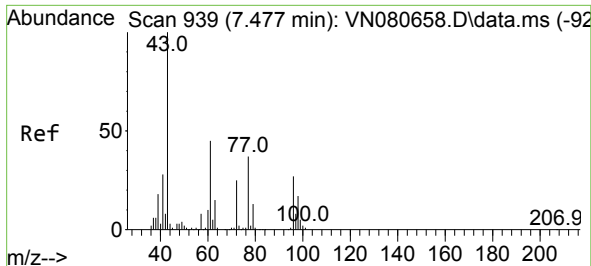
Tgt Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#20
Methylene Chloride
Concen: 0.639 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.017 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

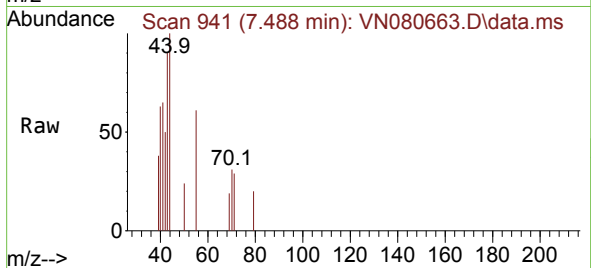
Tgt Ion: 84 Resp: 1059
Ion Ratio Lower Upper
84 100
49 52.2 79.7 119.5#
51 69.2 25.2 37.8#
86 38.5 53.3 79.9#



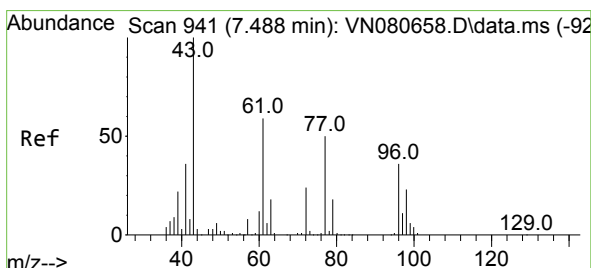
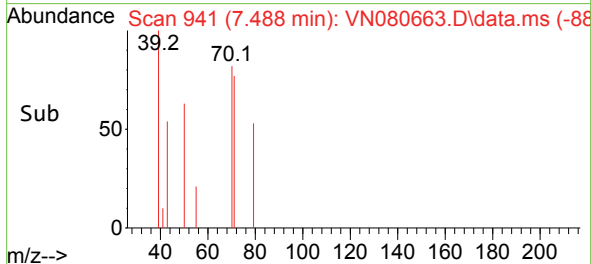
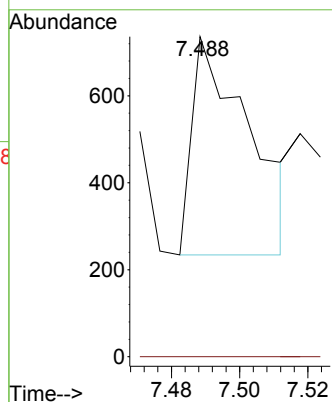


#25
2-Butanone
Concen: 0.570 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Instrument :
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ClientSampleId :

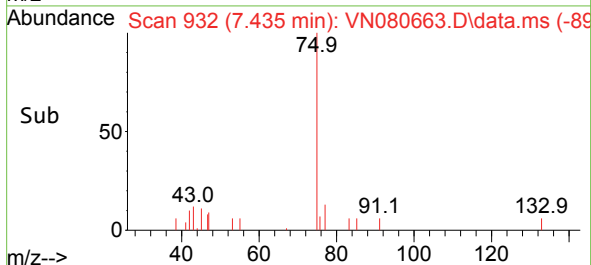
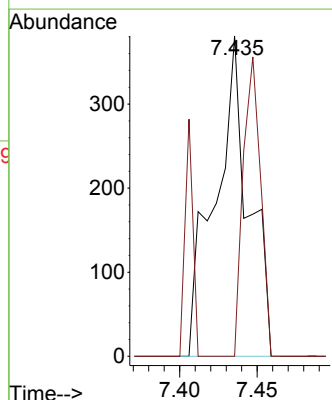
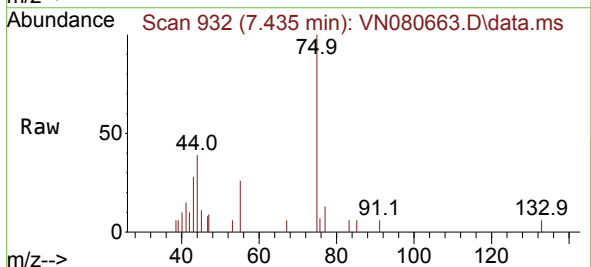


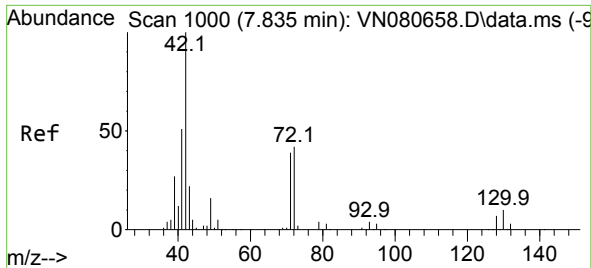
Tgt Ion: 43 Resp: 585
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 0.219 ug/l
RT: 7.435 min Scan# 932
Delta R.T. -0.053 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

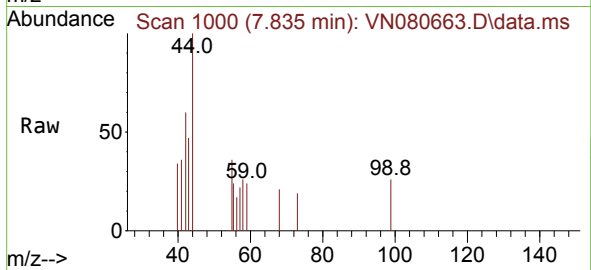
Tgt Ion: 77 Resp: 575
Ion Ratio Lower Upper
77 100
97 48.3 11.2 33.6#



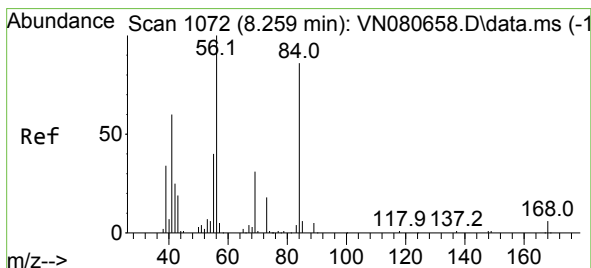
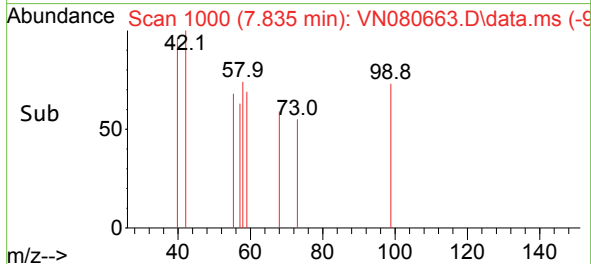
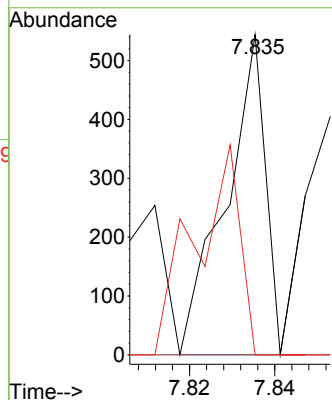


#29
Tetrahydrofuran
Concen: 0.508 ug/l
RT: 7.835 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :

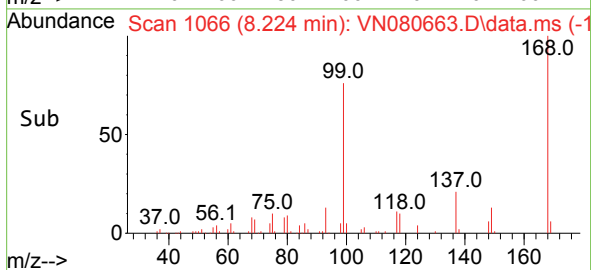
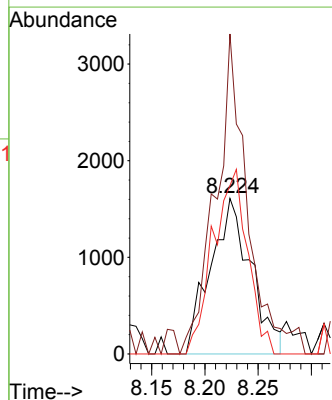
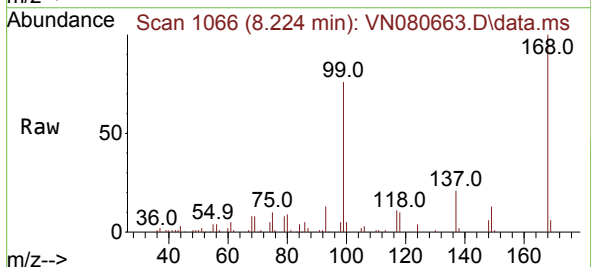


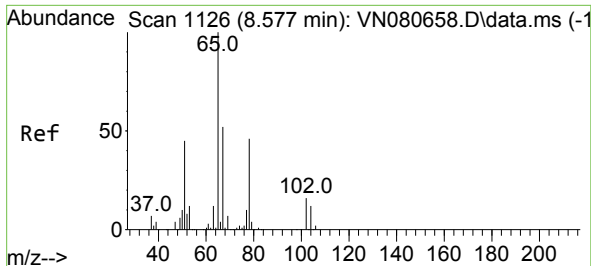
Tgt Ion: 42 Resp: 351
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 74.4 47.4 71.2#



#31
Cyclohexane
Concen: 1.594 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Tgt Ion: 56 Resp: 4258
Ion Ratio Lower Upper
56 100
69 205.7 26.8 40.2#
84 108.2 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 60.868 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080663.D

Acq: 10 Jan 2024 15:32

Instrument :

MSVOA_N

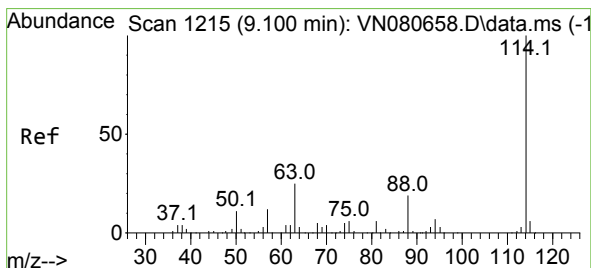
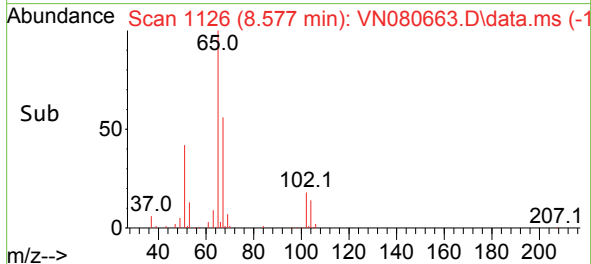
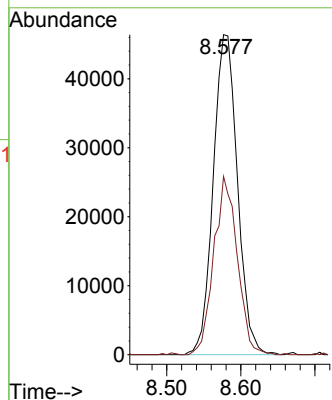
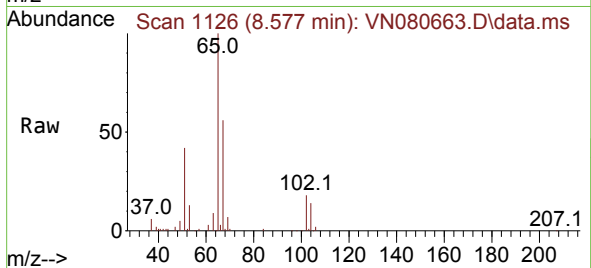
ClientSampleId :

Tgt Ion: 65 Resp: 105217

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080663.D

Acq: 10 Jan 2024 15:32

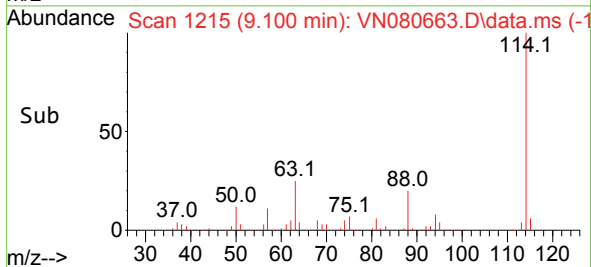
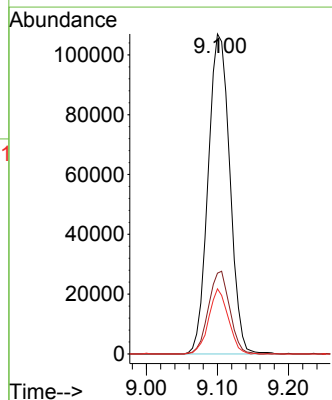
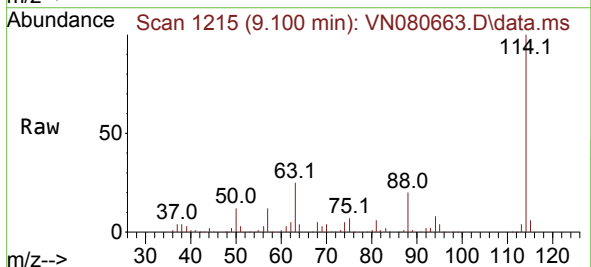
Tgt Ion: 114 Resp: 226913

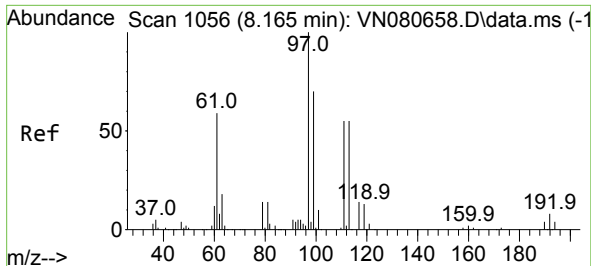
Ion Ratio Lower Upper

114 100

63 25.3 0.0 36.4

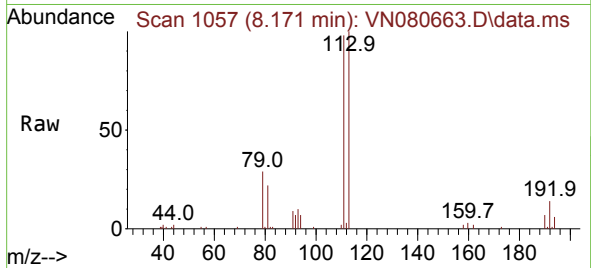
88 20.4 0.0 30.6



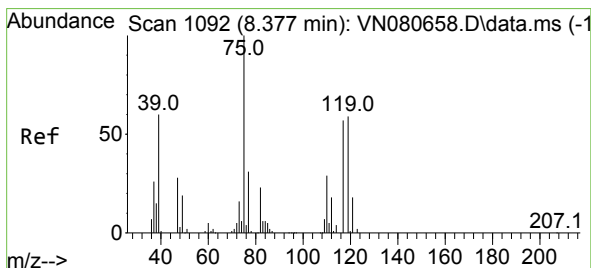
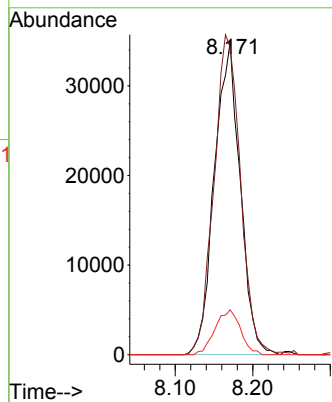
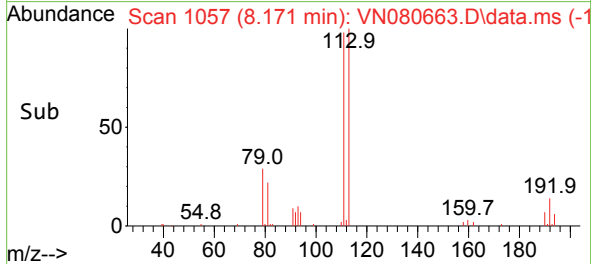


#35
Dibromofluoromethane
Concen: 62.492 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :

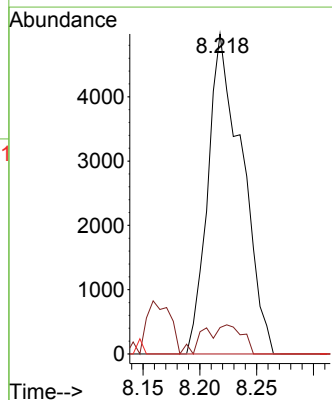
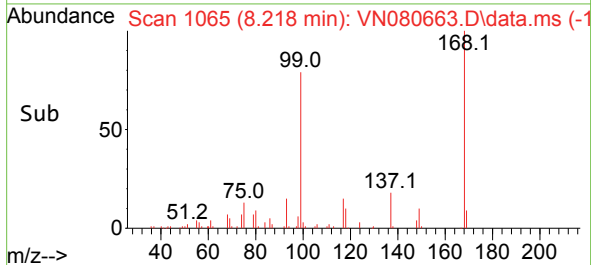
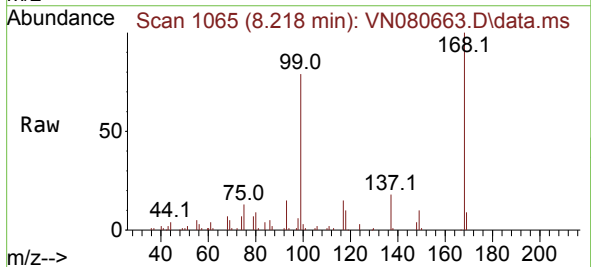


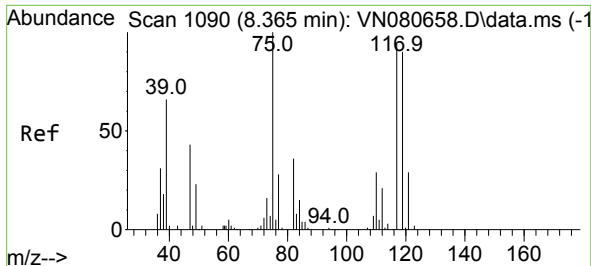
Tgt Ion:113 Resp: 80569
Ion Ratio Lower Upper
113 100
111 105.2 82.6 123.8
192 14.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 3.942 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.159 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

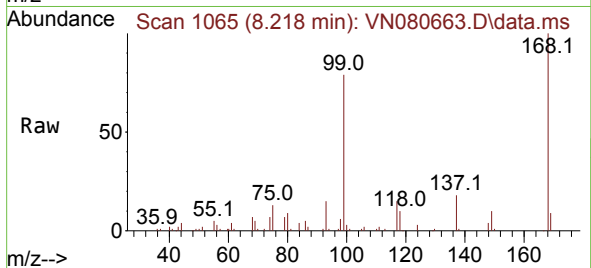
Tgt Ion: 75 Resp: 10412
Ion Ratio Lower Upper
75 100
110 6.4 19.1 57.3#
77 0.0 25.0 37.4#



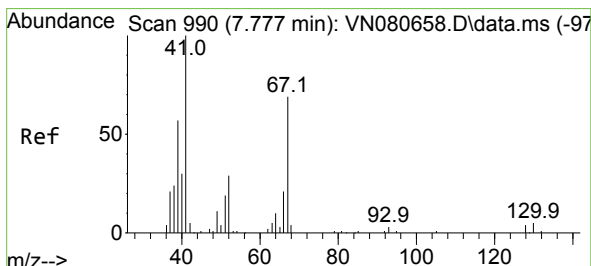
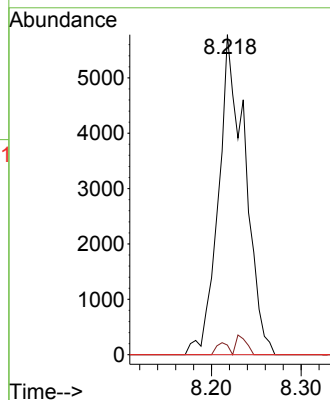
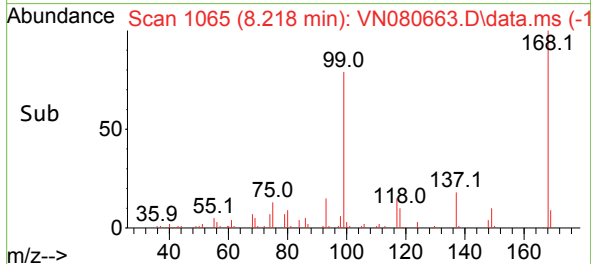


#38
Carbon Tetrachloride
Concen: 5.029 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :

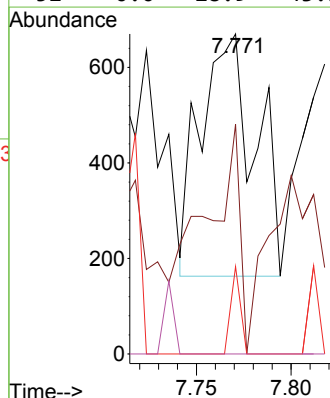
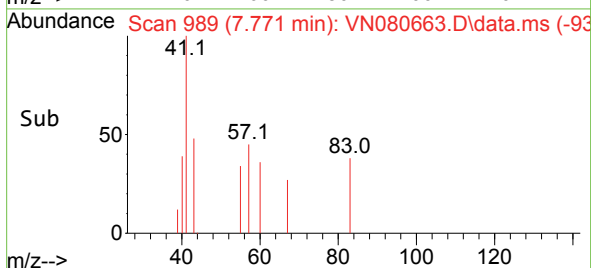
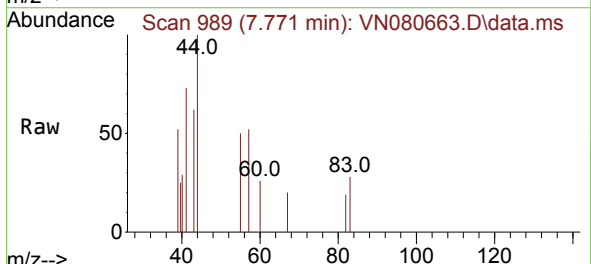


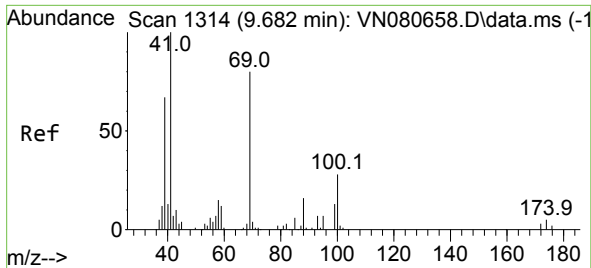
Tgt Ion:117 Resp: 11926
Ion Ratio Lower Upper
117 100
119 3.0 77.3 115.9#
121 0.0 23.3 34.9#



#41
Methacrylonitrile
Concen: 0.690 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.006 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

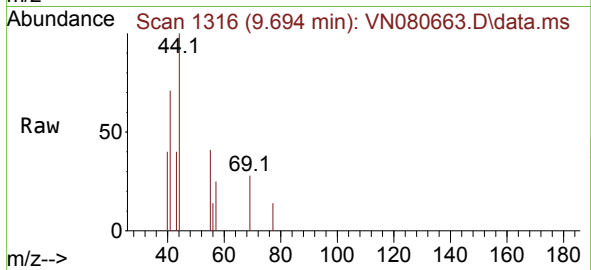
Tgt Ion: 41 Resp: 1025
Ion Ratio Lower Upper
41 100
39 63.5 42.6 64.0
67 6.3 77.5 116.3#
52 0.0 28.9 43.3#



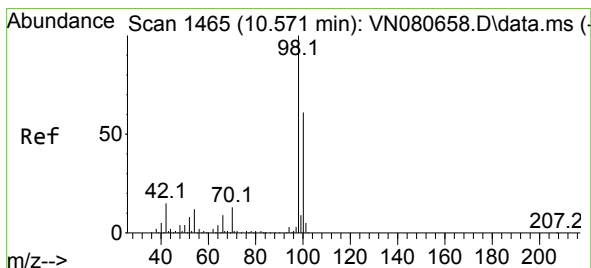
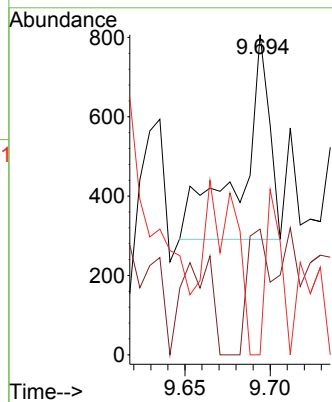
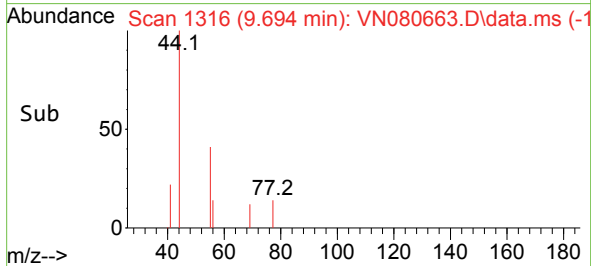


#48
Methyl methacrylate
Concen: 0.269 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :

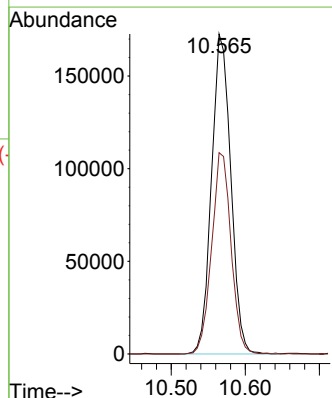
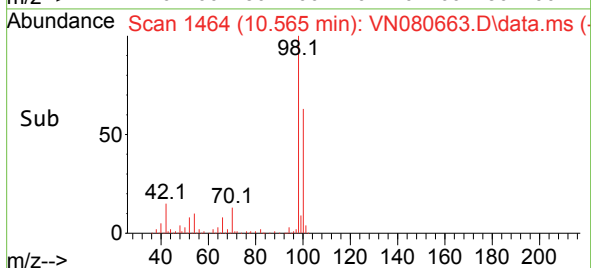
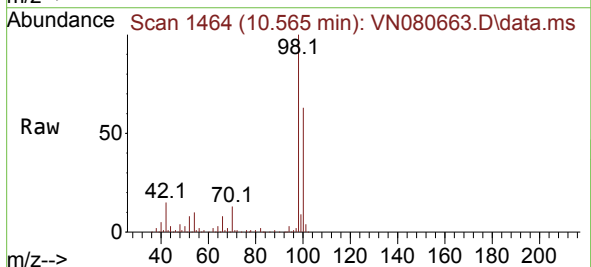


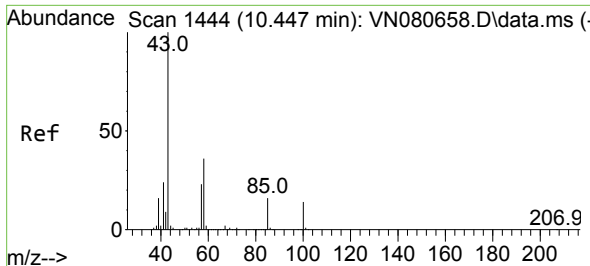
Tgt Ion: 41 Resp: 600
Ion Ratio Lower Upper
41 100
69 58.8 90.4 135.6#
39 41.3 54.6 81.8#



#50
Toluene-d8
Concen: 63.466 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Tgt Ion: 98 Resp: 312001
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

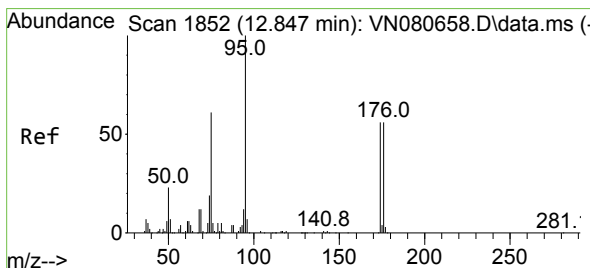
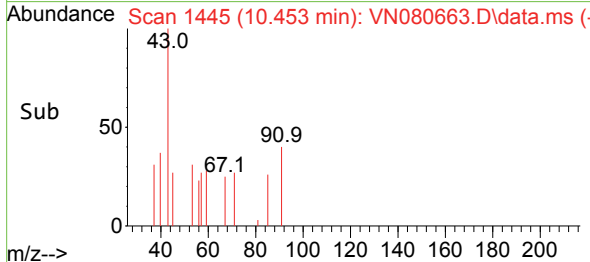
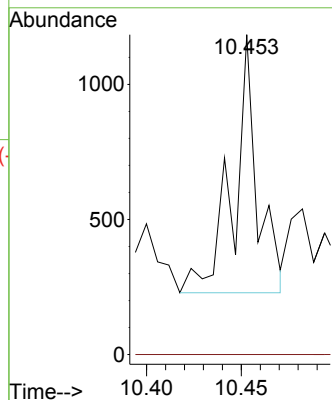
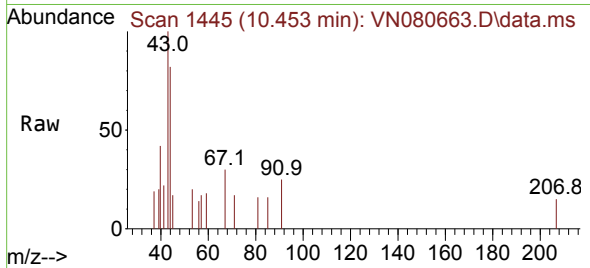




#51
4-Methyl-2-Pentanone
Concen: 0.333 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

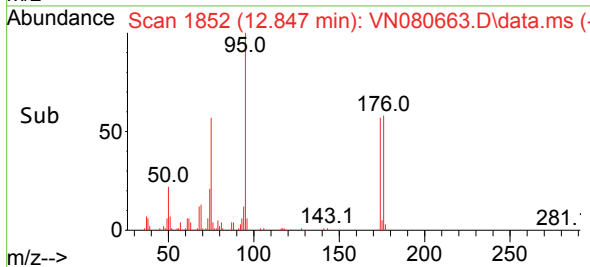
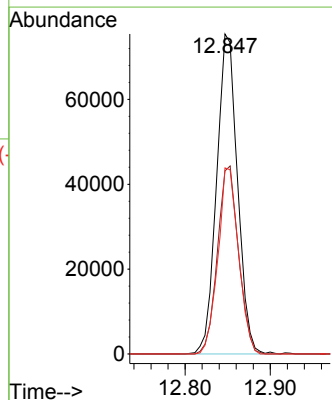
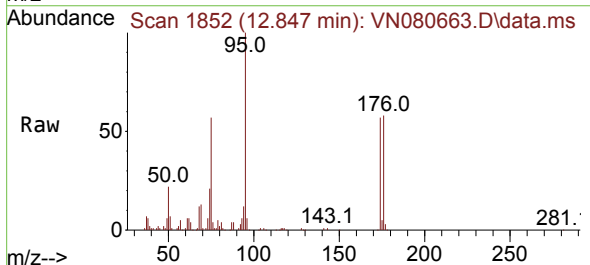
Instrument :
MSVOA_N
ClientSampleId :

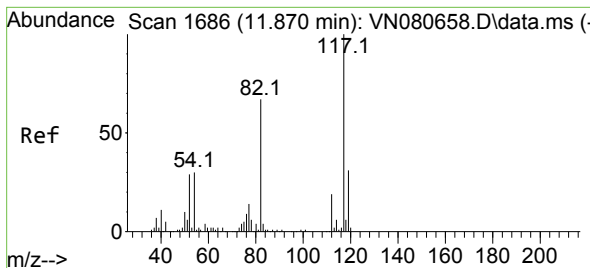
Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
58 0.0 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 68.031 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Tgt Ion: 95 Resp: 128251
Ion Ratio Lower Upper
95 100
174 59.2 0.0 143.8
176 57.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080663.D

Acq: 10 Jan 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

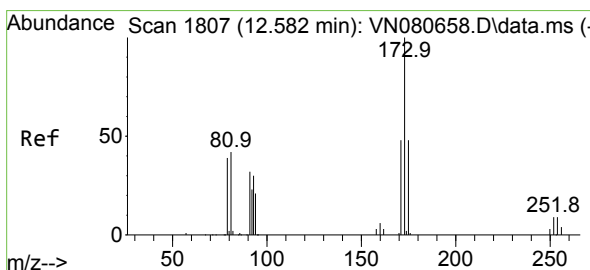
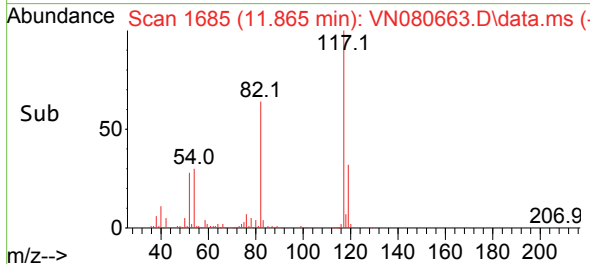
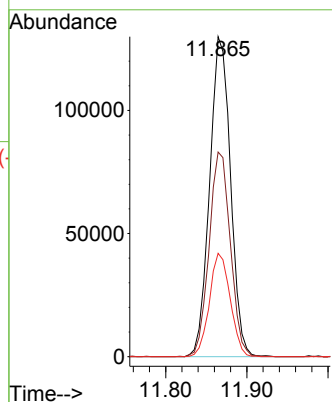
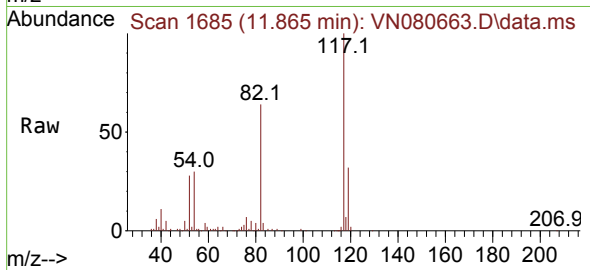
Tgt Ion:117 Resp: 232030

Ion Ratio Lower Upper

117 100

82 63.9 44.0 66.0

119 32.3 25.6 38.4



#71

Bromoform

Concen: 0.428 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN080663.D

Acq: 10 Jan 2024 15:32

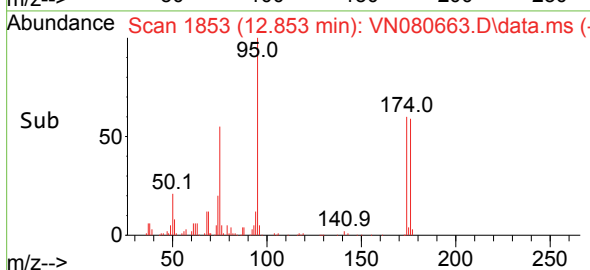
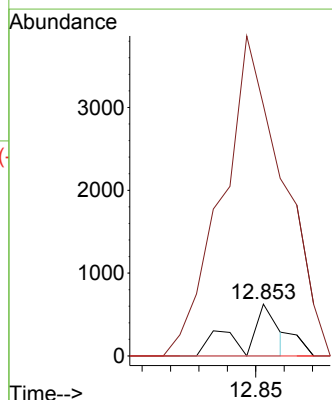
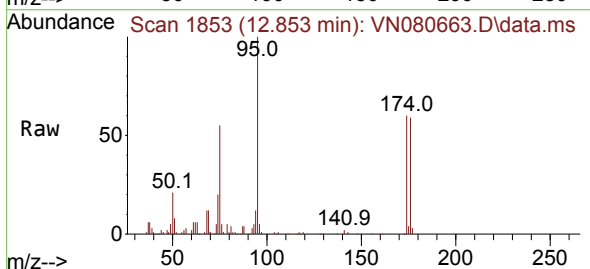
Tgt Ion:173 Resp: 530

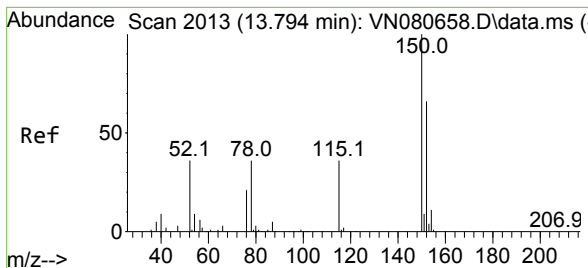
Ion Ratio Lower Upper

173 100

175 922.6 24.3 73.0#

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: VN080663.D

Acq: 10 Jan 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

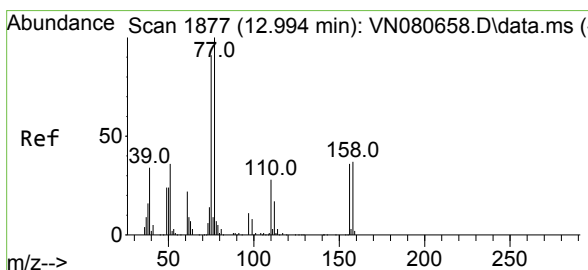
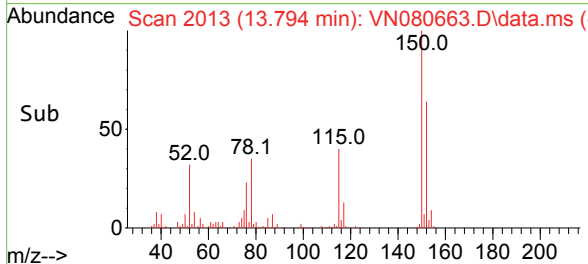
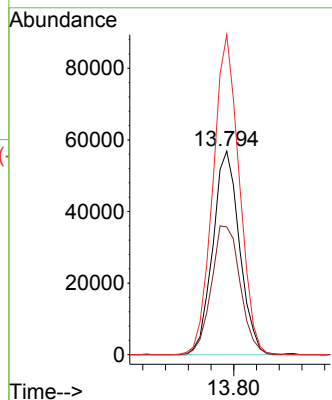
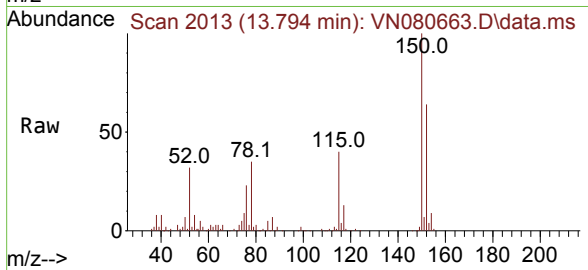
Tgt Ion:152 Resp: 92770

Ion Ratio Lower Upper

152 100

115 68.3 32.3 96.8

150 154.7 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 25.889 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080663.D

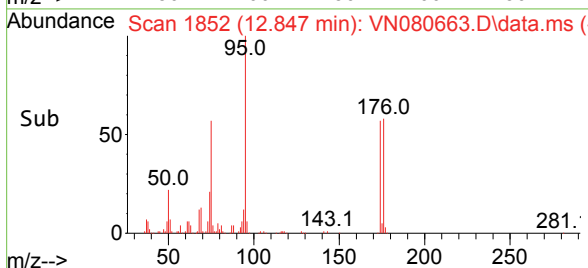
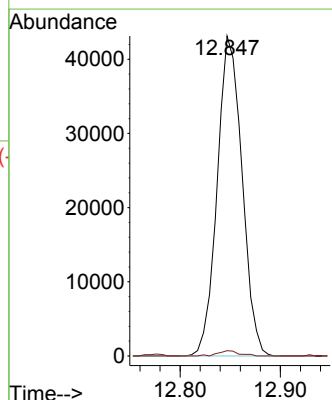
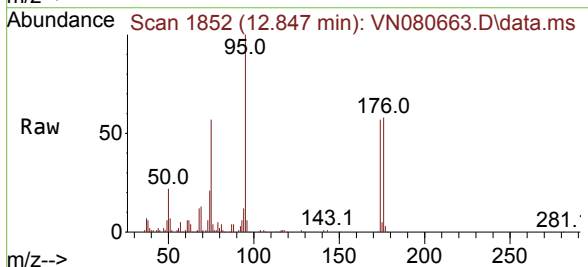
Acq: 10 Jan 2024 15:32

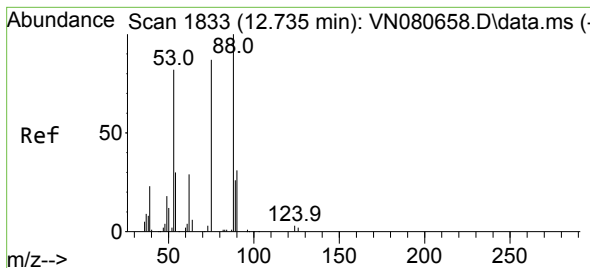
Tgt Ion: 75 Resp: 74059

Ion Ratio Lower Upper

75 100

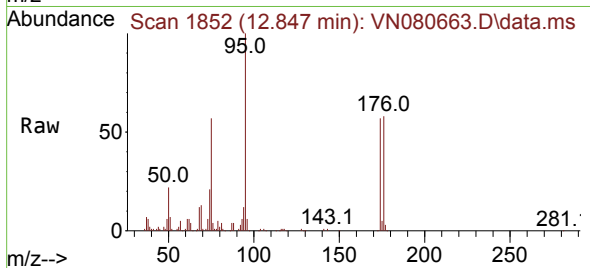
77 1.4 84.5 253.5#



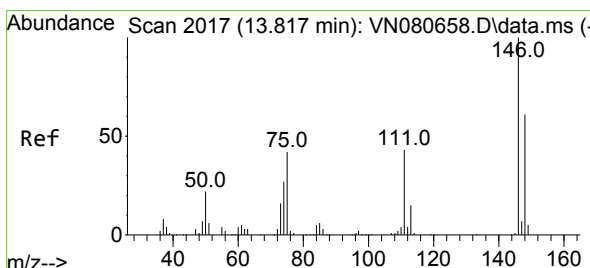
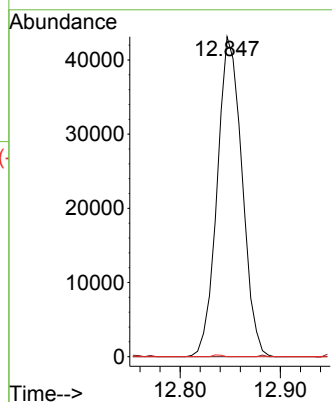
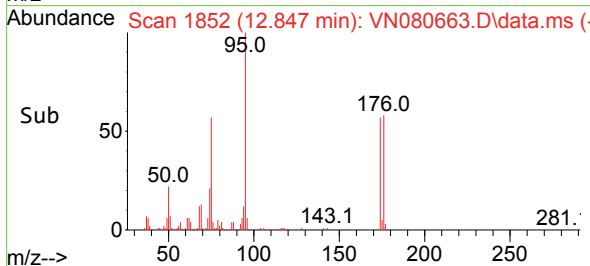


#81
trans-1,4-Dichloro-2-butene
Concen: 61.031 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :

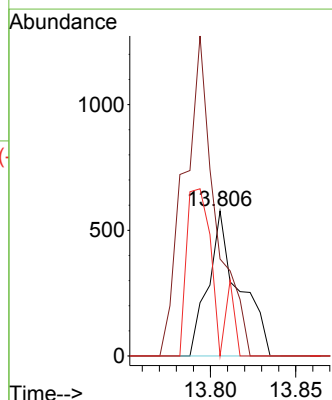
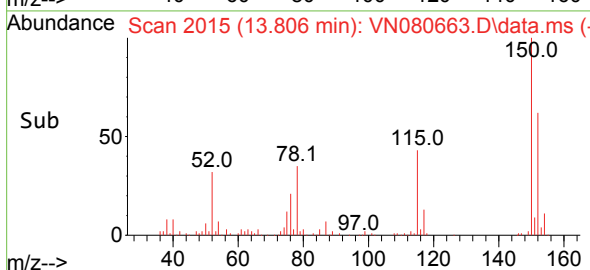
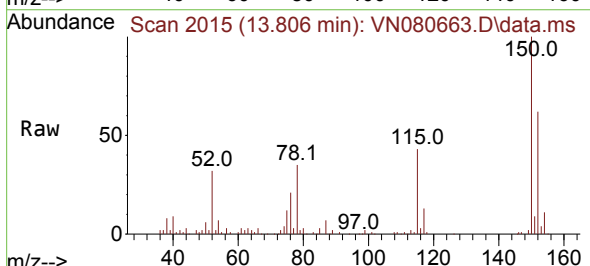


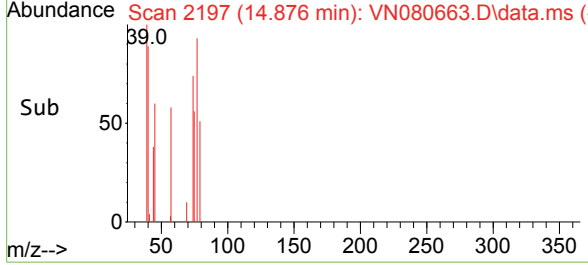
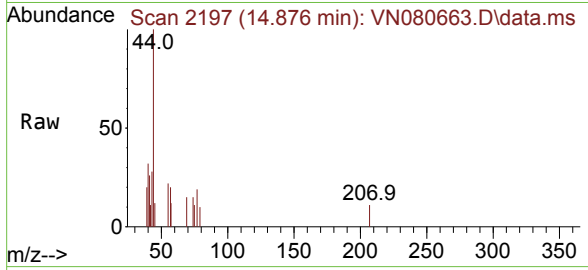
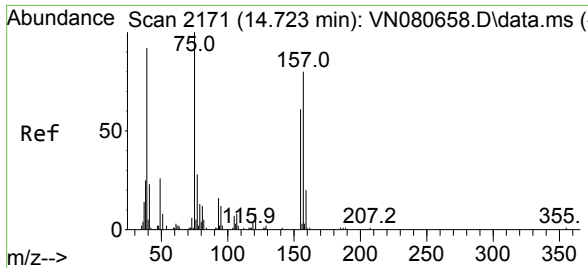
Tgt Ion: 75 Resp: 74059
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.2 38.8 58.2#



#88
1,4-Dichlorobenzene
Concen: 0.212 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.012 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Tgt Ion:146 Resp: 723
Ion Ratio Lower Upper
146 100
111 225.9 20.6 61.8#
148 102.6 31.6 94.8#





#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.876 min Scan# 21
Delta R.T. 0.153 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75	Resp: 59
Ion Ratio	Lower Upper
75	100
155	0.0 39.1 117.2#
157	0.0 50.3 150.9#

