

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080698.D
 Acq On : 12 Jan 2024 18:30
 Operator : JC\MD
 Sample : P1111-04
 Misc : 2.32g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 22:17:58 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)

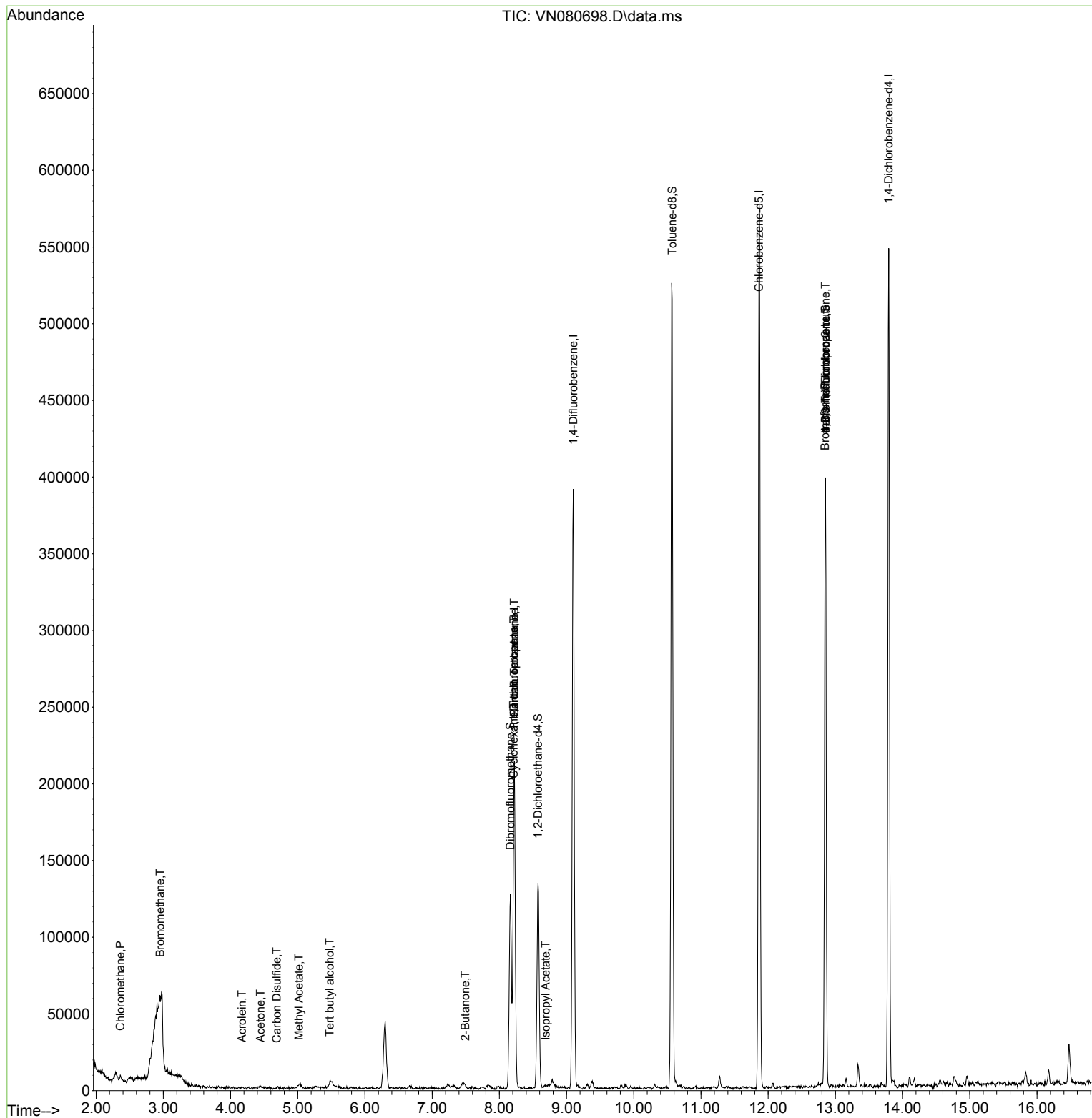
Internal Standards						
1) Pentafluorobenzene	8.224	168	138586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307219	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106619	43.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.620%		
35) Dibromofluoromethane	8.165	113	87769	49.884	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.760%		
50) Toluene-d8	10.571	98	357937	53.352	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.700%		
62) 4-Bromofluorobenzene	12.853	95	146931	57.111	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	3910	0.906	ug/l #	78
5) Bromomethane	2.953	94	1153	1.485	ug/l #	19
6) Chloroethane	3.171	64	62	Below Cal	#	43
11) Tert butyl alcohol	5.477	59	2224	5.403	ug/l #	80
13) Acrolein	4.171	56	284	0.826	ug/l #	39
16) Acetone	4.447	43	2026	2.536	ug/l #	77
17) Carbon Disulfide	4.689	76	1559	0.246	ug/l #	75
18) Methyl Acetate	5.018	43	3344	1.405	ug/l #	42
25) 2-Butanone	7.494	43	2623	1.816	ug/l	90
31) Cyclohexane	8.212	56	5095	1.355	ug/l #	44
36) 1,1-Dichloropropene	8.218	75	14642	4.063	ug/l #	47
38) Carbon Tetrachloride	8.224	117	16508	5.101	ug/l #	17
43) Isopropyl Acetate	8.688	43	1675	0.261	ug/l #	49
71) Bromoform	12.847	173	754	0.460	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	81771	20.016	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	81771	47.186	ug/l #	15

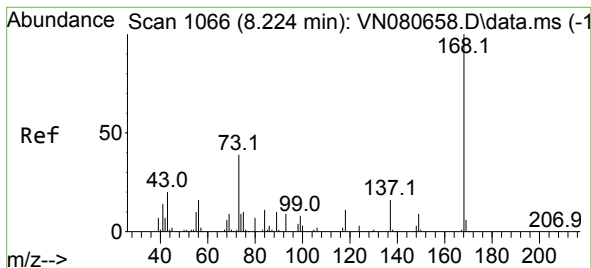
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
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Quant Time: Jan 12 22:17:58 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: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080698.D

Acq: 12 Jan 2024 18:30

Instrument :

MSVOA_N

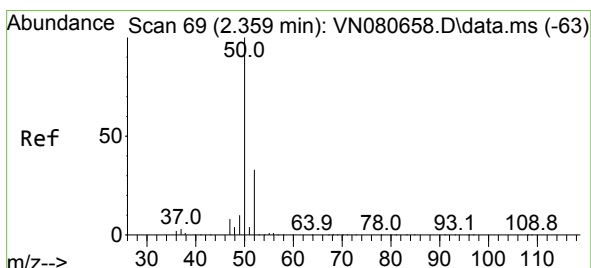
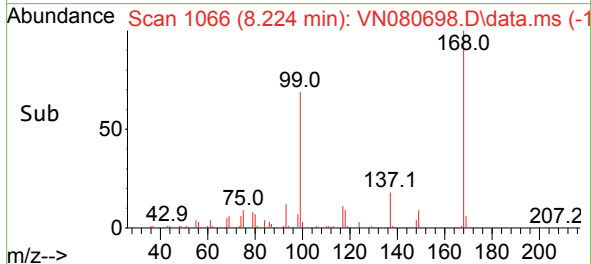
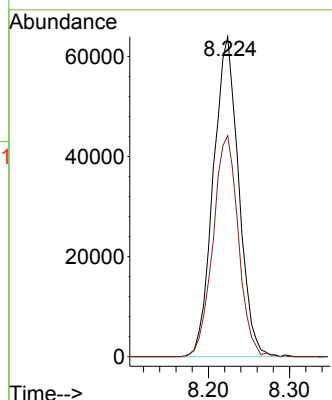
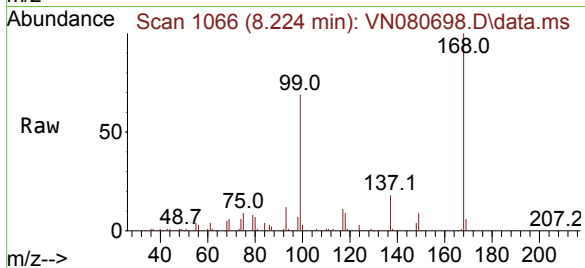
ClientSampleId :

Tgt Ion:168 Resp: 138586

Ion Ratio Lower Upper

168 100

99 69.1 53.0 79.6



#3

Chloromethane

Concen: 0.906 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080698.D

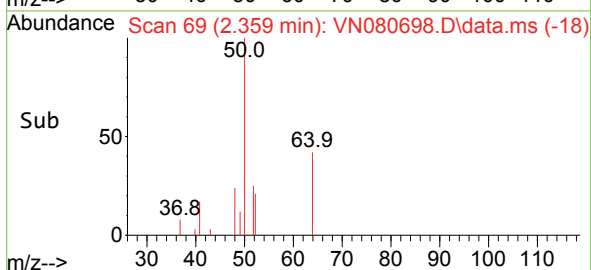
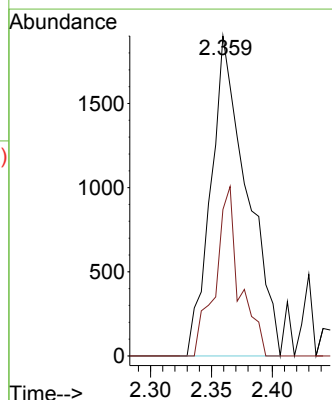
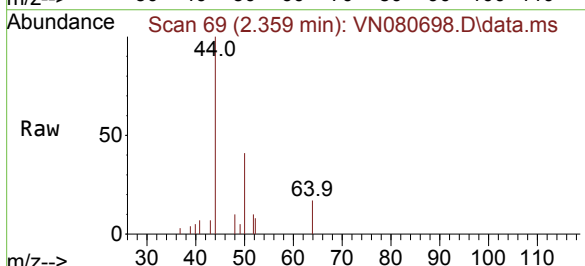
Acq: 12 Jan 2024 18:30

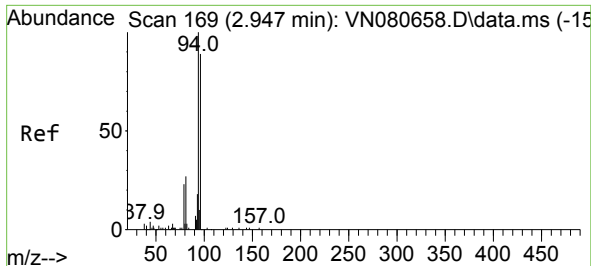
Tgt Ion: 50 Resp: 3910

Ion Ratio Lower Upper

50 100

52 45.8 26.5 39.7#

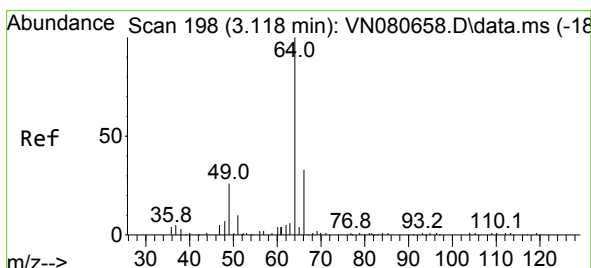
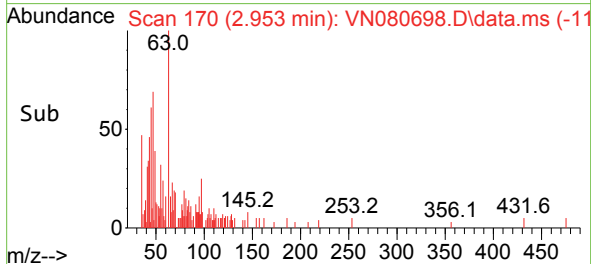
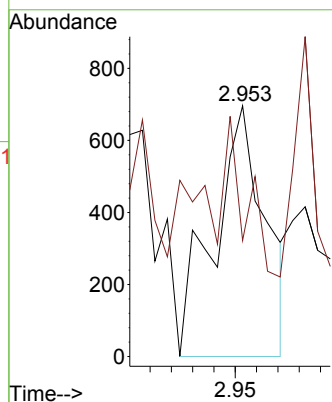
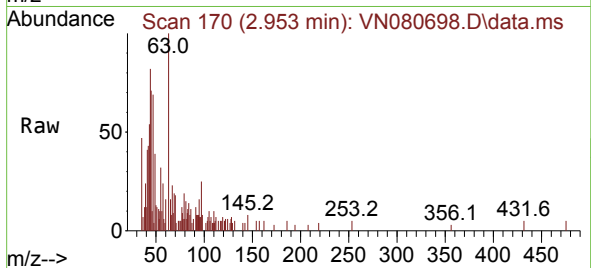




#5
Bromomethane
Concen: 1.485 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

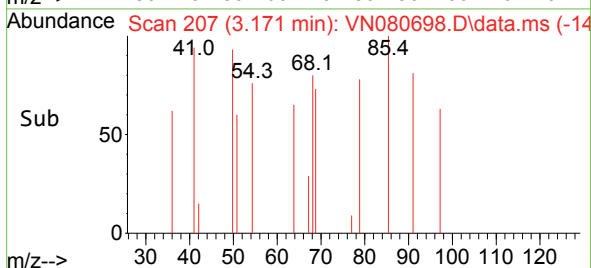
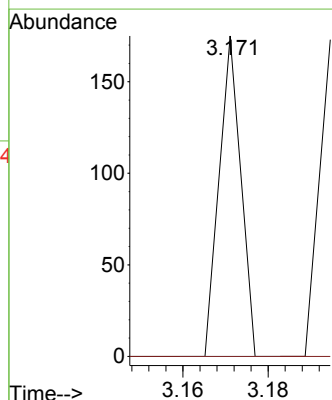
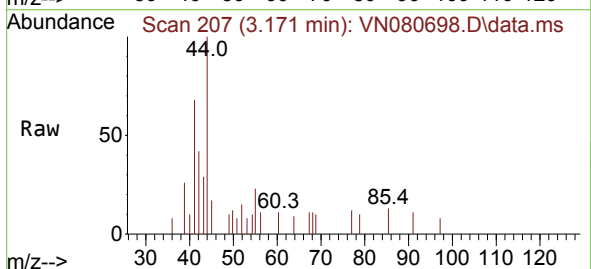
Instrument :
MSVOA_N
ClientSampleId :

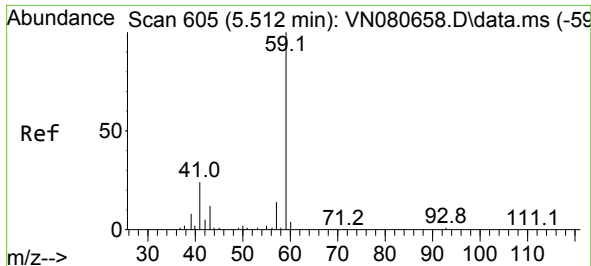
Tgt Ion: 94 Resp: 1153
Ion Ratio Lower Upper
94 100
96 14.5 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.171 min Scan# 207
Delta R.T. 0.053 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

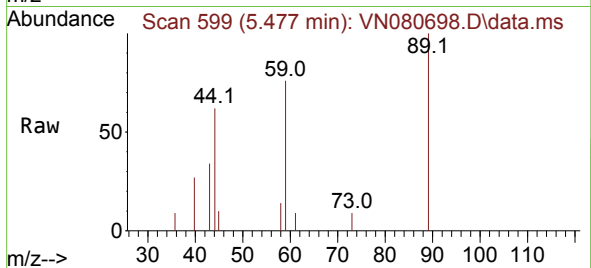
Tgt Ion: 64 Resp: 62
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



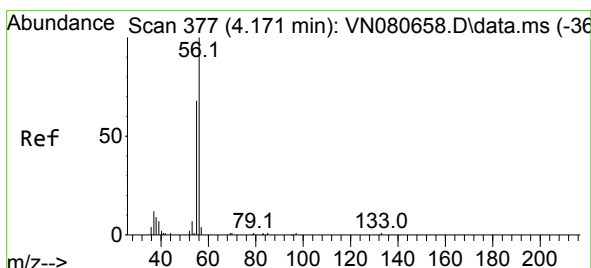
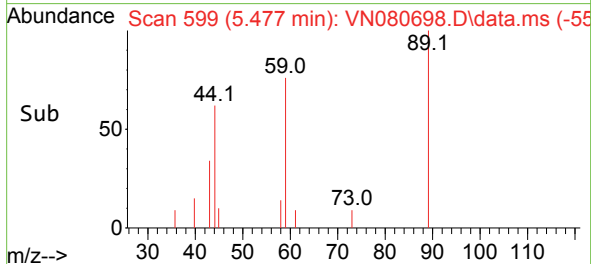
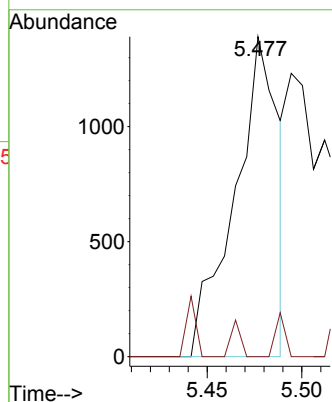


#11
Tert butyl alcohol
Concen: 5.403 ug/l
RT: 5.477 min Scan# 59
Delta R.T. -0.035 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

Instrument :
MSVOA_N
ClientSampleId :

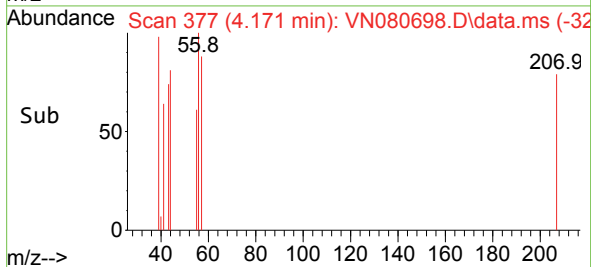
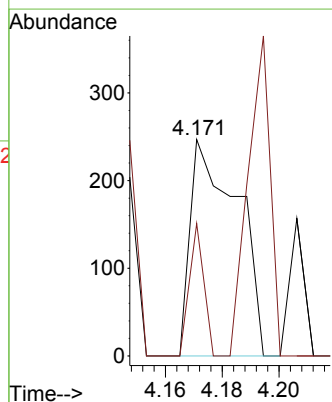
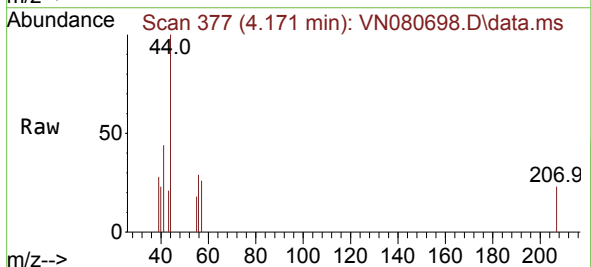


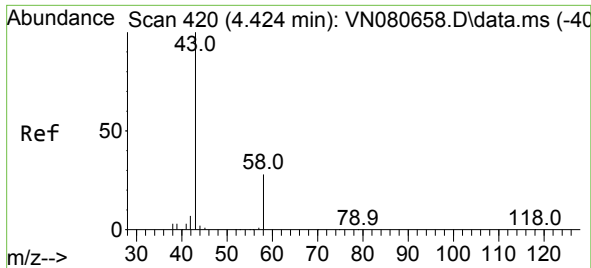
Tgt Ion: 59 Resp: 2224
Ion Ratio Lower Upper
59 100
57 3.0 8.2 12.4#



#13
Acrolein
Concen: 0.826 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.000 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

Tgt Ion: 56 Resp: 284
Ion Ratio Lower Upper
56 100
55 18.7 54.5 81.7#





#16

Acetone

Concen: 2.536 ug/l

RT: 4.447 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN080698.D

Acq: 12 Jan 2024 18:30

Instrument :

MSVOA_N

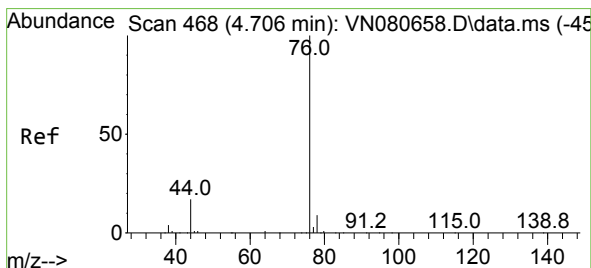
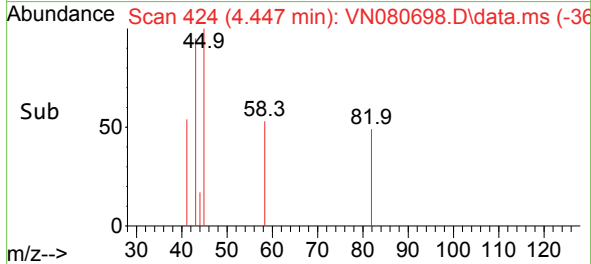
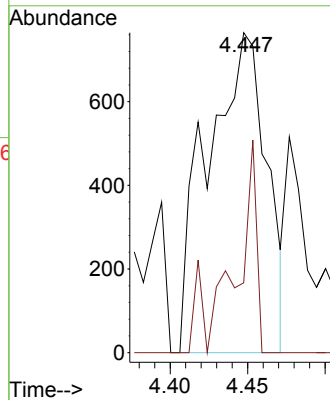
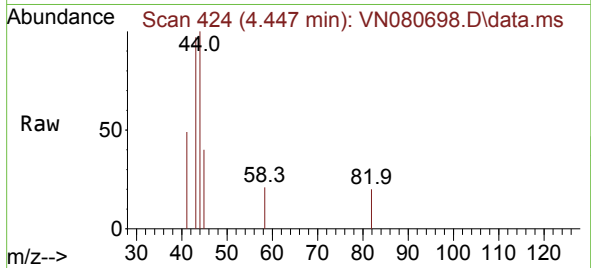
ClientSampleId :

Tgt Ion: 43 Resp: 2026

Ion Ratio Lower Upper

43 100

58 21.8 28.0 42.0#



#17

Carbon Disulfide

Concen: 0.246 ug/l

RT: 4.689 min Scan# 465

Delta R.T. -0.018 min

Lab File: VN080698.D

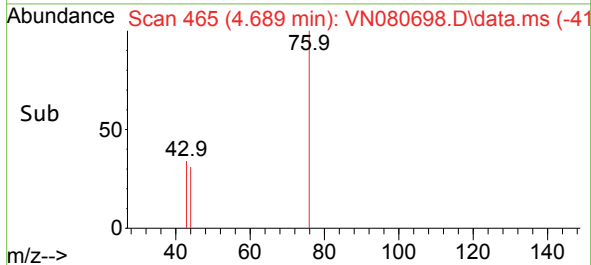
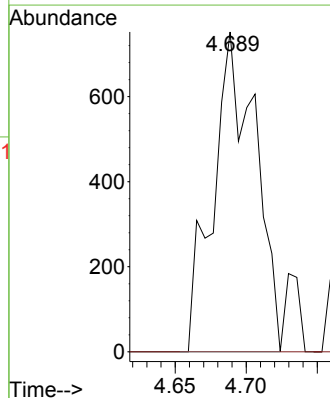
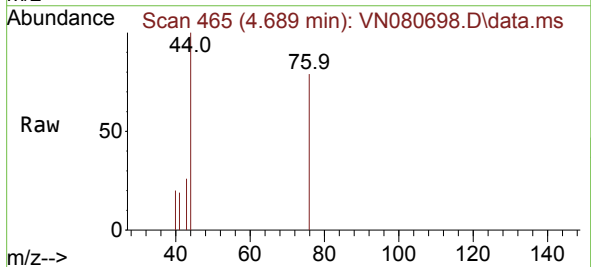
Acq: 12 Jan 2024 18:30

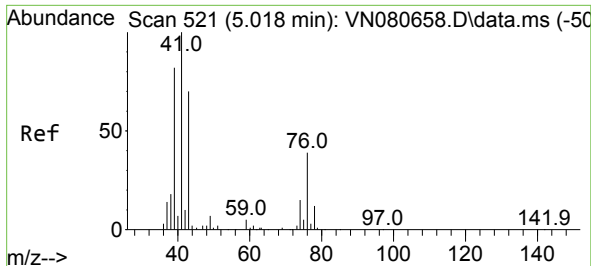
Tgt Ion: 76 Resp: 1559

Ion Ratio Lower Upper

76 100

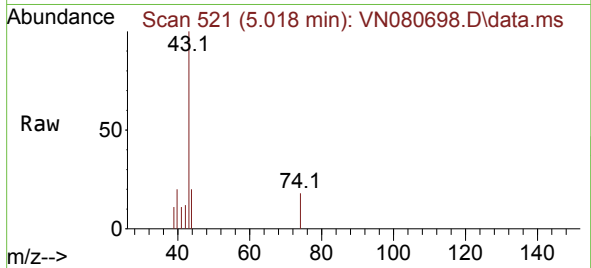
78 0.0 7.4 11.0#



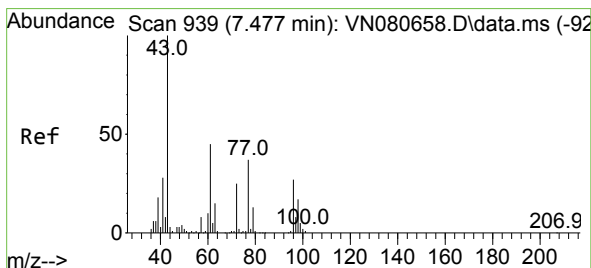
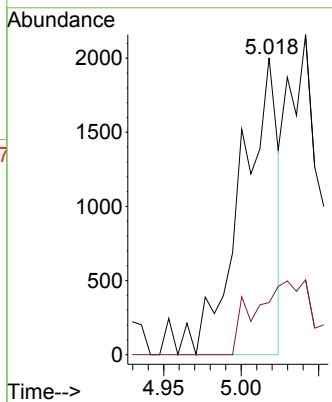
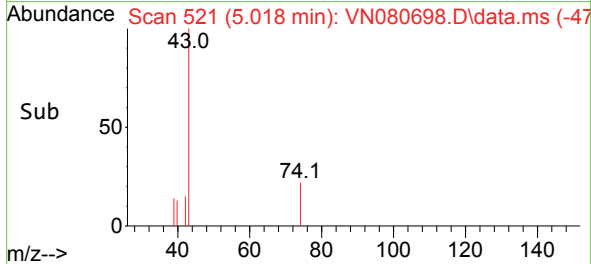


#18
Methyl Acetate
Concen: 1.405 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

Instrument :
MSVOA_N
ClientSampleId :

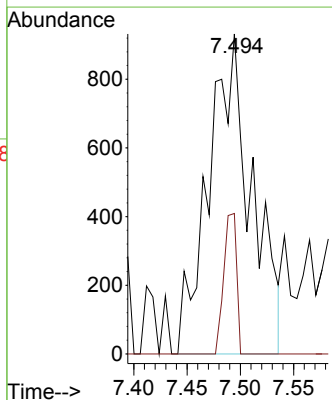
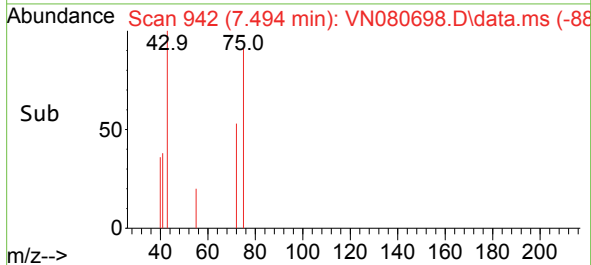
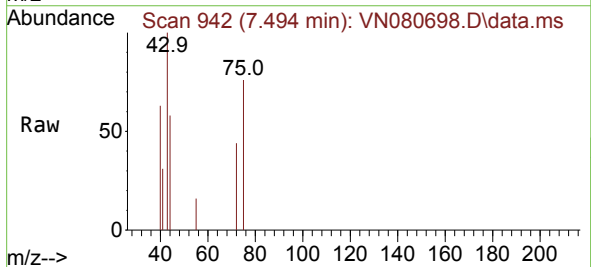


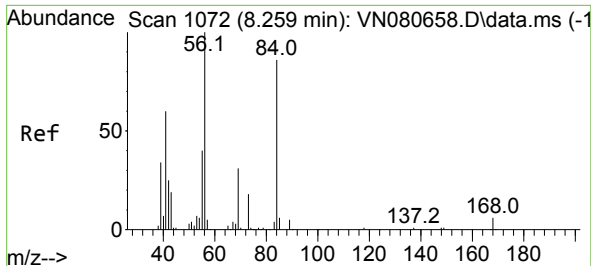
Tgt Ion: 43 Resp: 3344
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#25
2-Butanone
Concen: 1.816 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

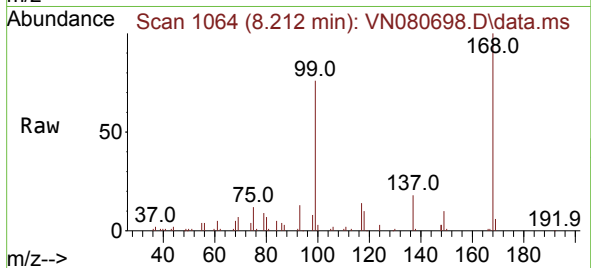
Tgt Ion: 43 Resp: 2623
Ion Ratio Lower Upper
43 100
72 43.9 30.2 45.2



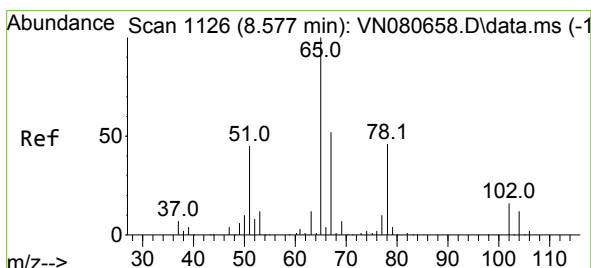
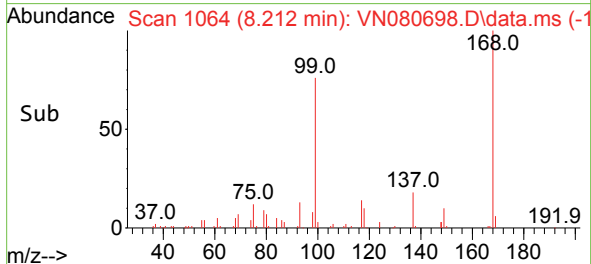
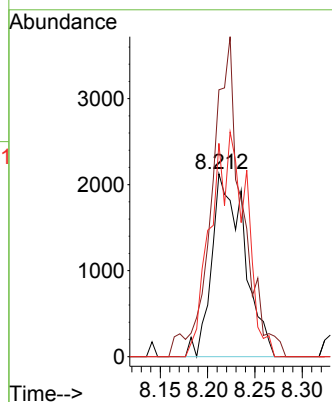


#31
Cyclohexane
Concen: 1.355 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.047 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

Instrument :
MSVOA_N
ClientSampleId :

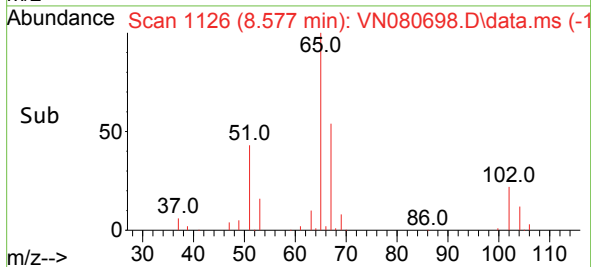
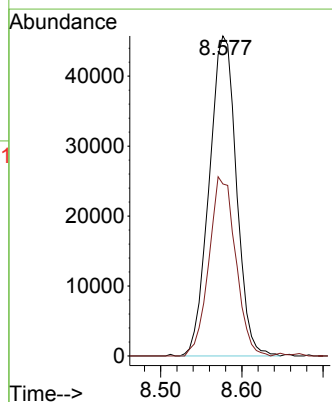
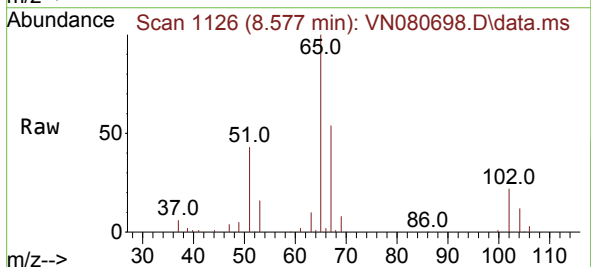


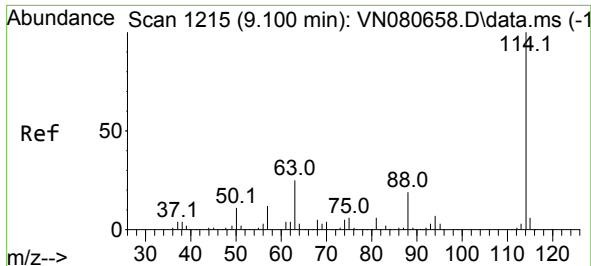
Tgt Ion: 56 Resp: 5095
Ion Ratio Lower Upper
56 100
69 137.8 26.8 40.2#
84 116.6 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 43.809 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

Tgt Ion: 65 Resp: 106619
Ion Ratio Lower Upper
65 100
67 55.0 0.0 106.6

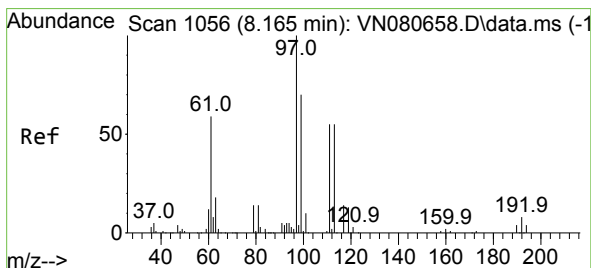
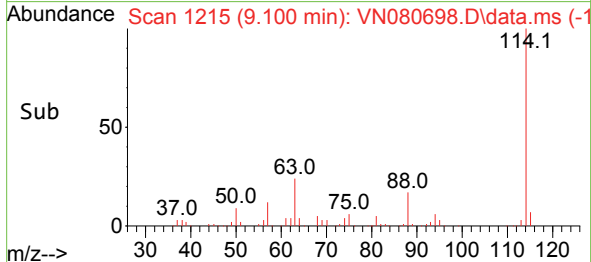
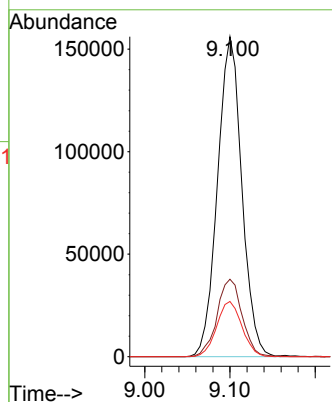
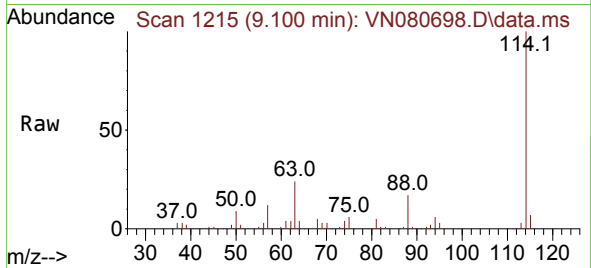




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

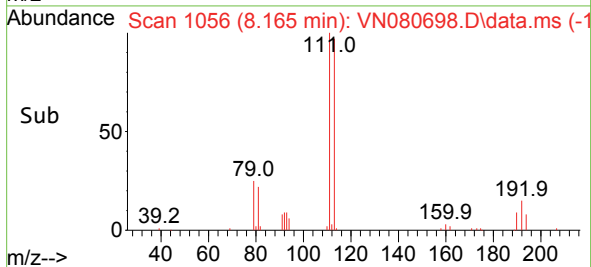
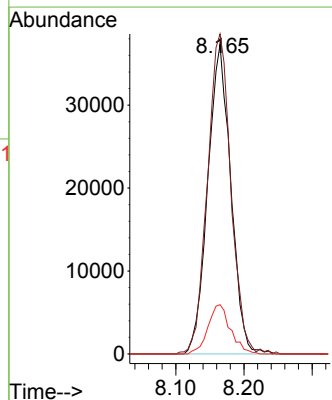
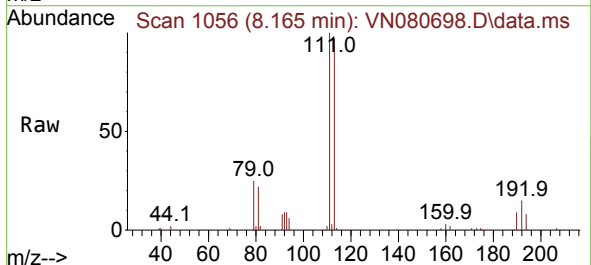
Instrument :
MSVOA_N
ClientSampleId :

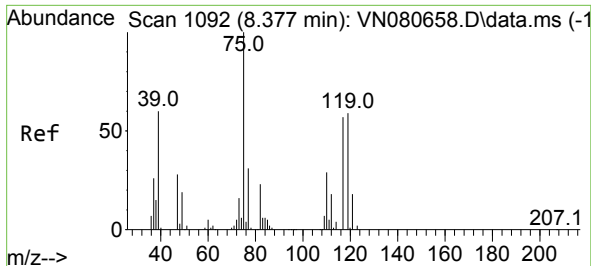
Tgt Ion:114 Resp: 309668
Ion Ratio Lower Upper
114 100
63 24.2 0.0 36.4
88 17.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.884 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

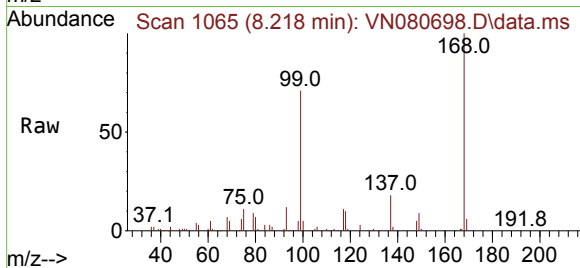
Tgt Ion:113 Resp: 87769
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 15.6 12.7 19.1



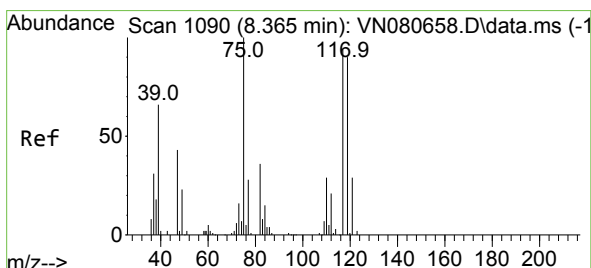
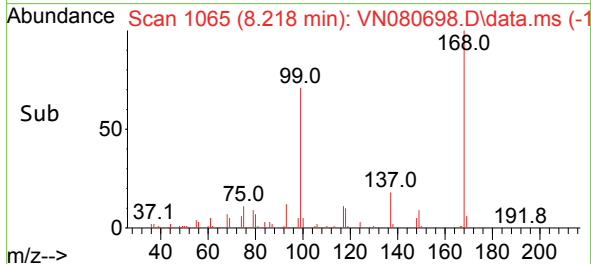
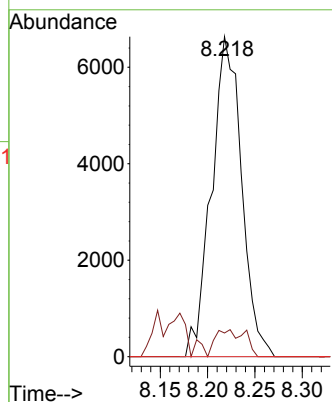


#36
1,1-Dichloropropene
Concen: 4.063 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.159 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

Instrument :
MSVOA_N
ClientSampleId :

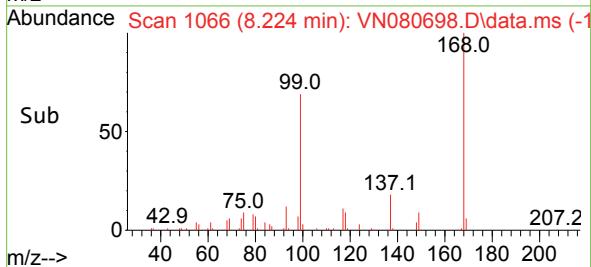
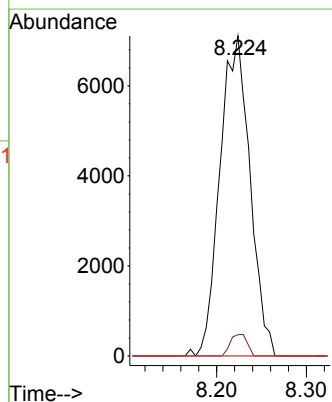
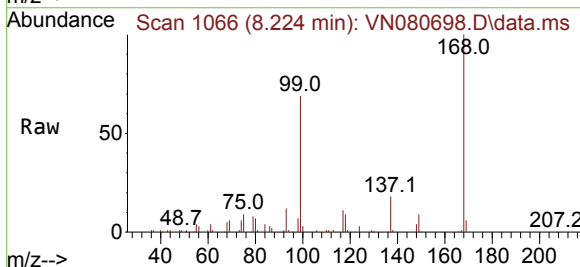


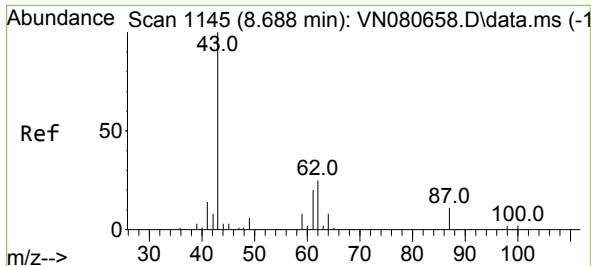
Tgt Ion: 75 Resp: 14642
Ion Ratio Lower Upper
75 100
110 8.3 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.101 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

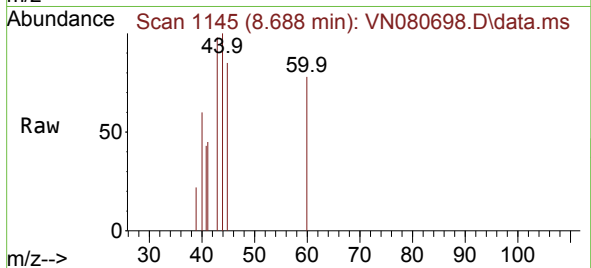
Tgt Ion: 117 Resp: 16508
Ion Ratio Lower Upper
117 100
119 6.7 77.3 115.9#
121 0.0 23.3 34.9#



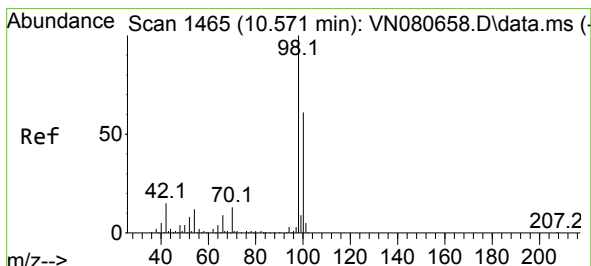
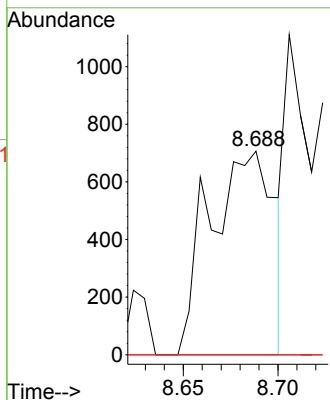
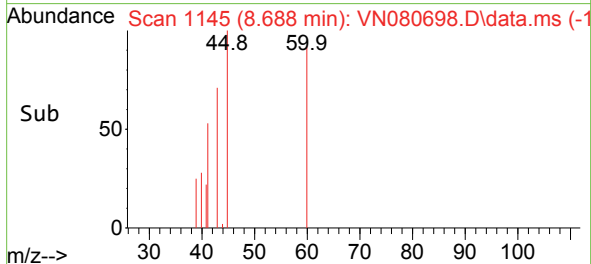


#43
Isopropyl Acetate
Concen: 0.261 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

Instrument :
MSVOA_N
ClientSampleId :

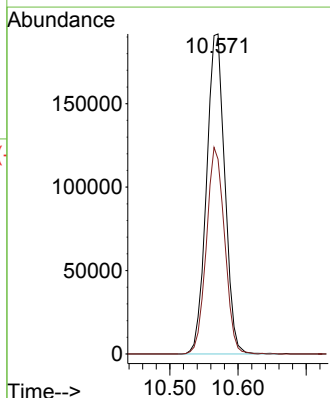
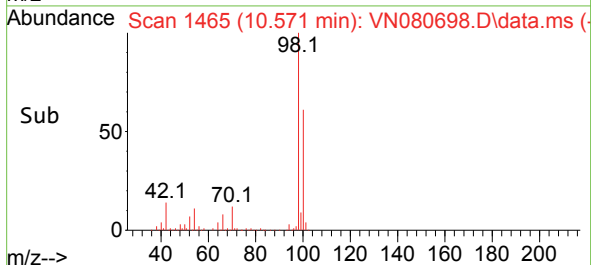
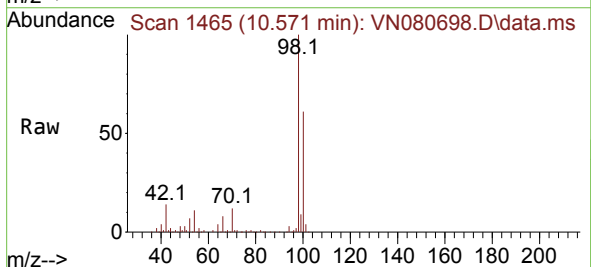


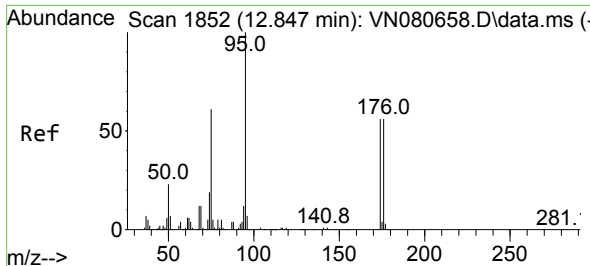
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 53.352 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

Tgt Ion: 98 Resp: 357937
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

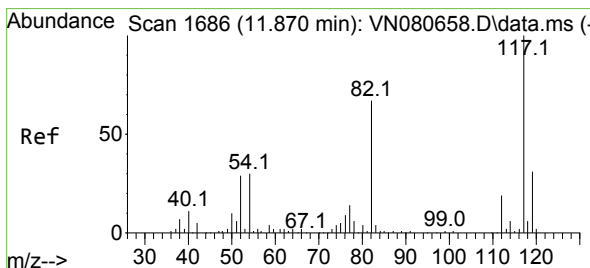
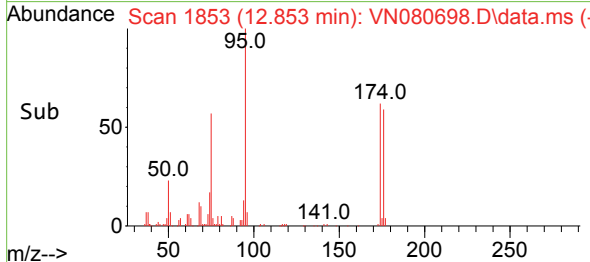
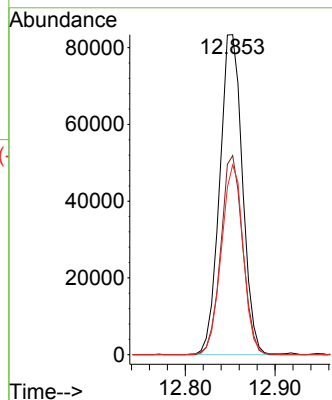
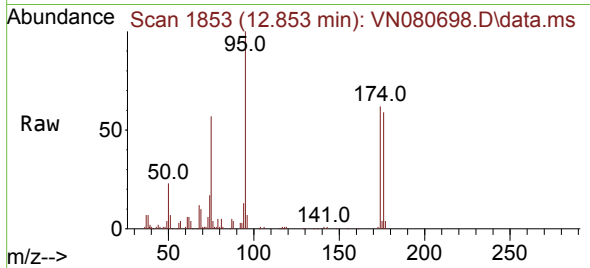




#62
4-Bromofluorobenzene
Concen: 57.111 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

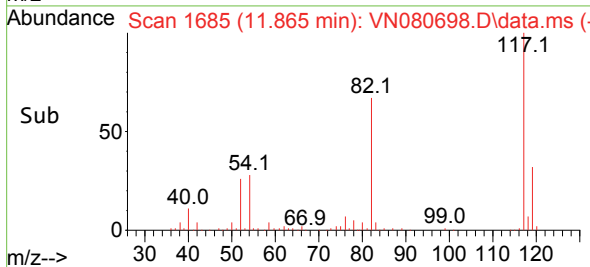
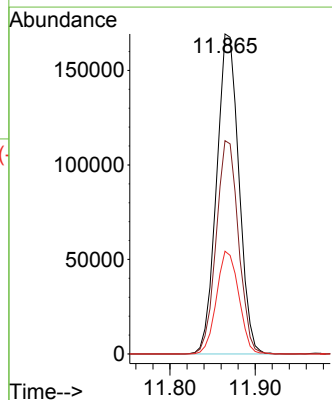
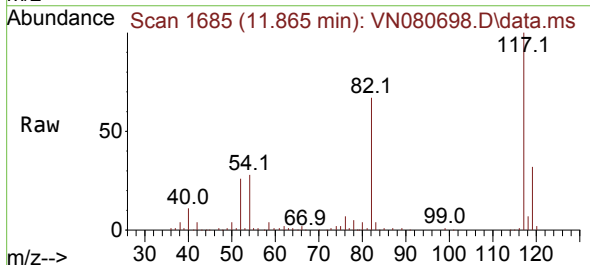
Instrument :
MSVOA_N
ClientSampleId :

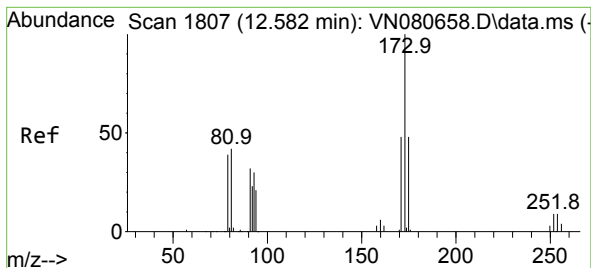
Tgt Ion: 95 Resp: 146931
Ion Ratio Lower Upper
95 100
174 59.6 0.0 143.8
176 56.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

Tgt Ion: 117 Resp: 307219
Ion Ratio Lower Upper
117 100
82 66.7 44.0 66.0#
119 32.1 25.6 38.4





#71

Bromoform

Concen: 0.460 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN080698.D

Acq: 12 Jan 2024 18:30

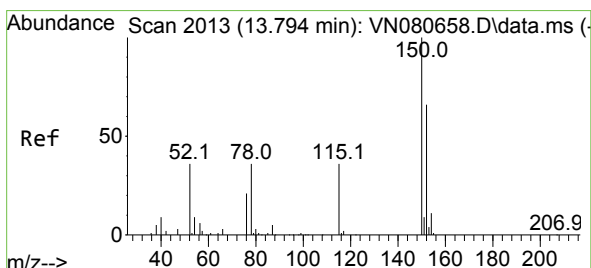
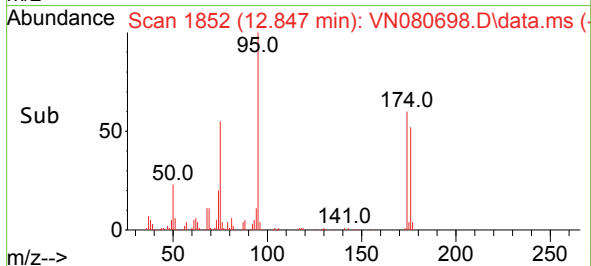
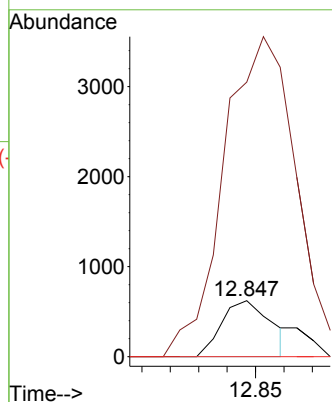
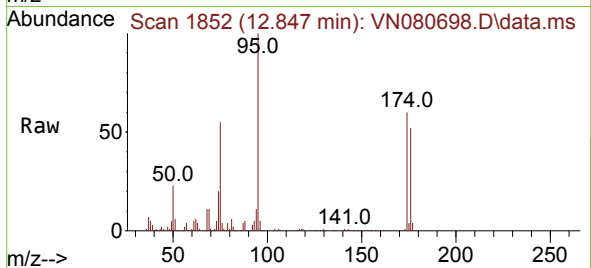
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 754

Ion	Ratio	Lower	Upper
173	100		
175	680.4	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

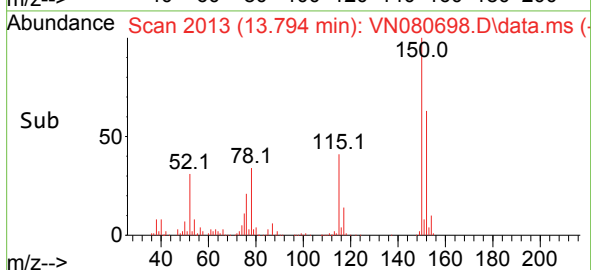
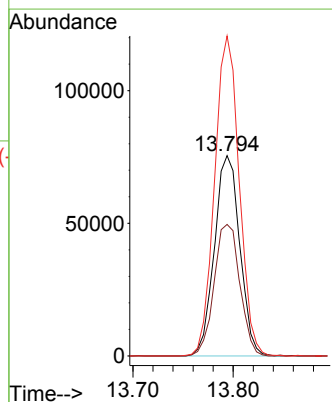
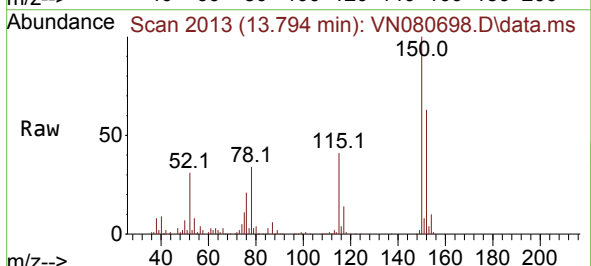
Delta R.T. 0.000 min

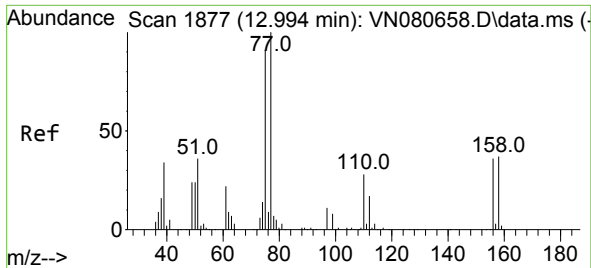
Lab File: VN080698.D

Acq: 12 Jan 2024 18:30

Tgt Ion:152 Resp: 132484

Ion	Ratio	Lower	Upper
152	100		
115	66.8	32.3	96.8
150	155.0	0.0	355.8

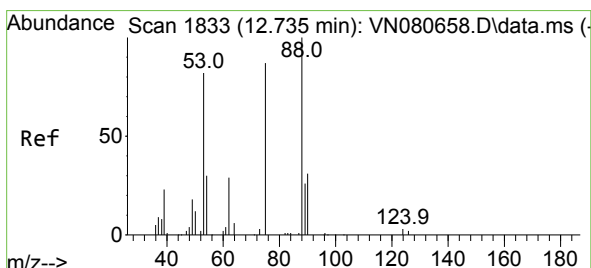
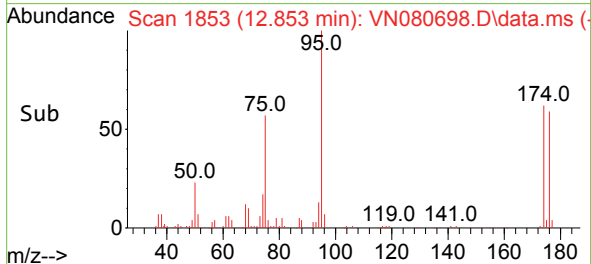
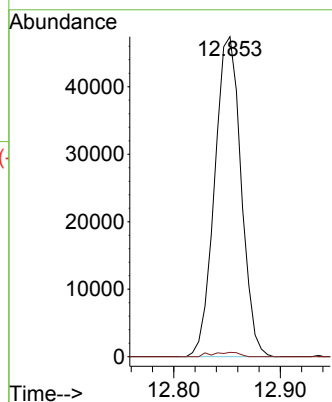
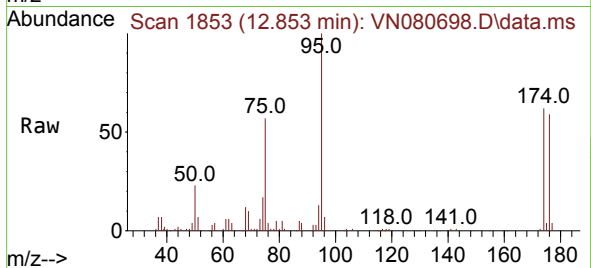




#76
1,2,3-Trichloropropane
Concen: 20.016 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 81771
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 47.186 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080698.D
Acq: 12 Jan 2024 18:30

Tgt Ion: 75 Resp: 81771
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

