

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080701.D
 Acq On : 12 Jan 2024 19:41
 Operator : JC\MD
 Sample : P1111-07
 Misc : 2.45g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 22:19:19 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)

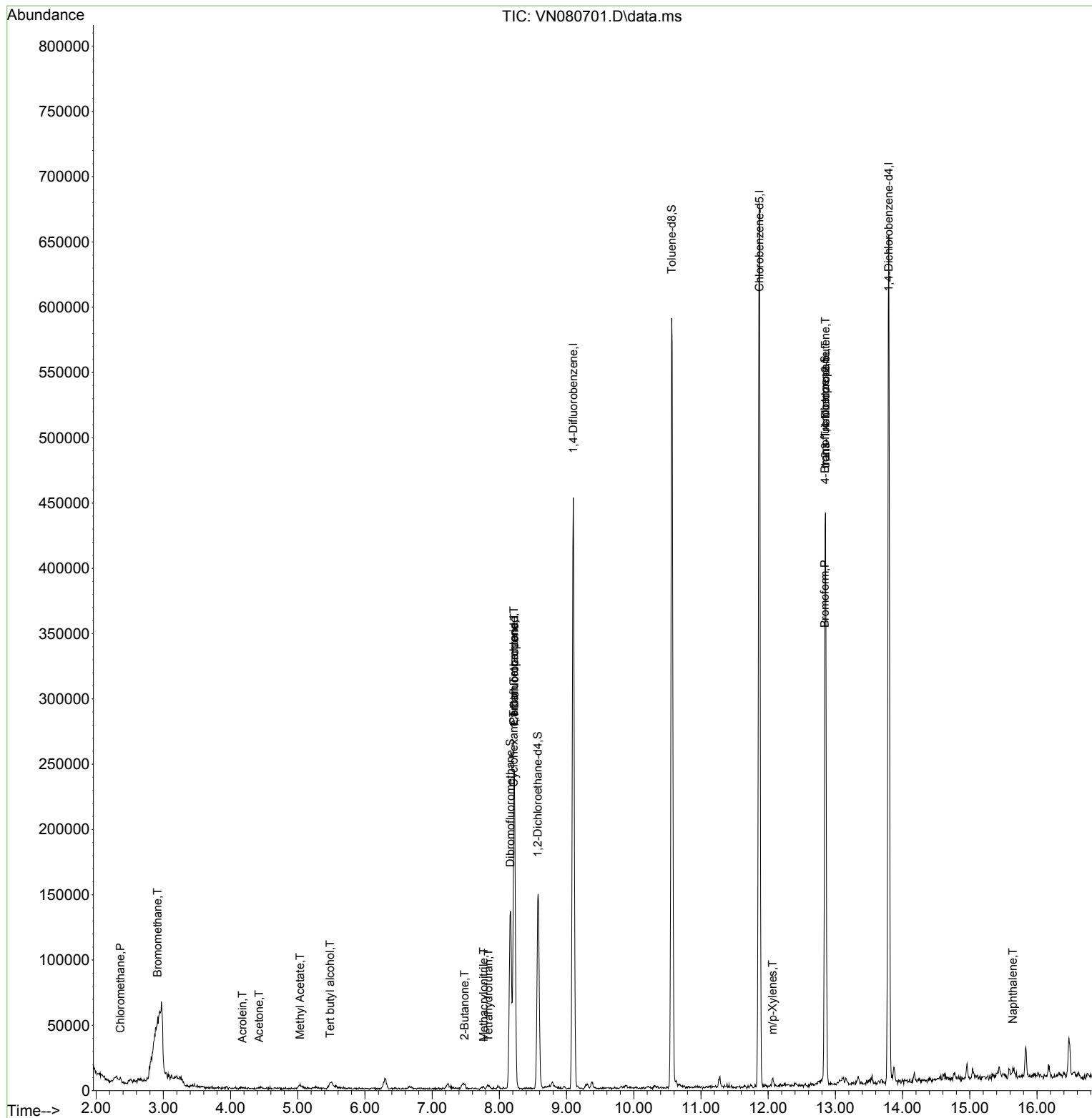
Internal Standards						
1) Pentafluorobenzene	8.218	168	160589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	368746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	362655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	119111	42.236	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.480%
35) Dibromofluoromethane	8.165	113	99283	47.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.780%
50) Toluene-d8	10.565	98	397950	49.813	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.847	95	158660	51.790	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.580%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	3257	0.457	ug/l	94
5) Bromomethane	2.912	94	1361	1.513	ug/l #	26
6) Chloroethane	3.095	64	60	Below Cal	#	43
11) Tert butyl alcohol	5.483	59	2267	4.753	ug/l #	93
13) Acrolein	4.177	56	125	0.314	ug/l #	1
16) Acetone	4.424	43	717	0.774	ug/l #	40
18) Methyl Acetate	5.036	43	7279	2.640	ug/l #	68
25) 2-Butanone	7.482	43	935	0.559	ug/l #	60
29) Tetrahydrofuran	7.835	42	748	0.663	ug/l #	31
31) Cyclohexane	8.212	56	5451	1.251	ug/l #	53
36) 1,1-Dichloropropene	8.224	75	16374	3.815	ug/l #	49
38) Carbon Tetrachloride	8.218	117	19093	4.955	ug/l #	14
41) Methacrylonitrile	7.765	41	842	0.349	ug/l #	24
68) m/p-Xylenes	12.065	106	1541	0.290	ug/l	76
71) Bromoform	12.841	173	732	0.378	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	90035	19.001	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	90035	44.793	ug/l #	15
95) Naphthalene	15.641	128	5078	0.474	ug/l #	90

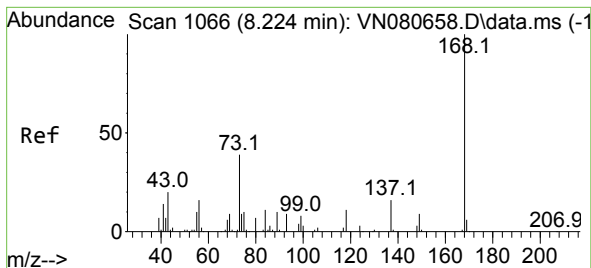
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.218 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VN080701.D

Acq: 12 Jan 2024 19:41

Instrument :

MSVOA_N

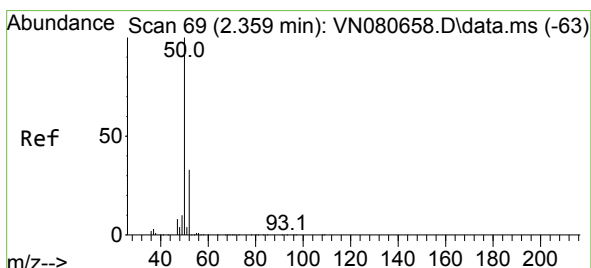
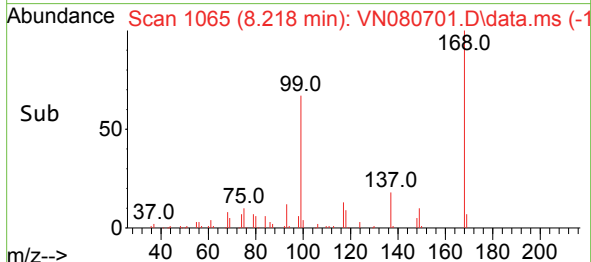
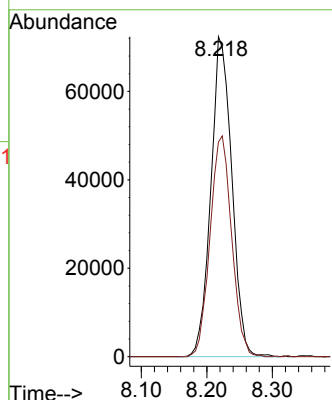
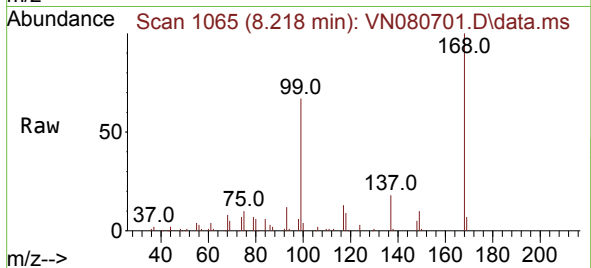
ClientSampleId :

Tgt Ion:168 Resp: 160589

Ion Ratio Lower Upper

168 100

99 67.0 53.0 79.6



#3

Chloromethane

Concen: 0.457 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080701.D

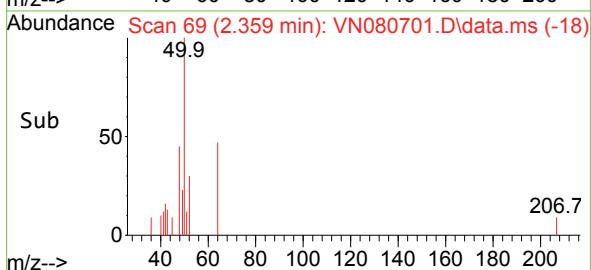
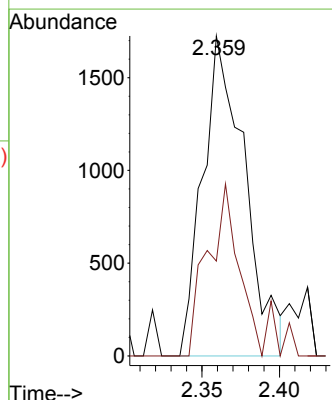
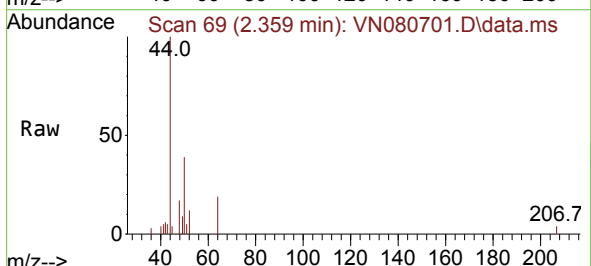
Acq: 12 Jan 2024 19:41

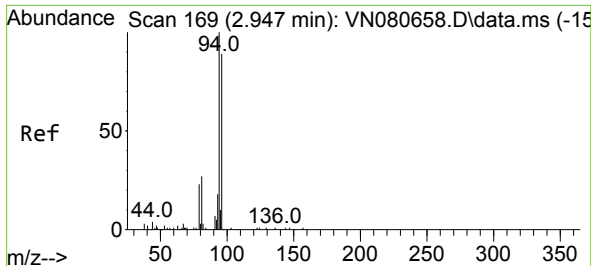
Tgt Ion: 50 Resp: 3257

Ion Ratio Lower Upper

50 100

52 29.6 26.5 39.7

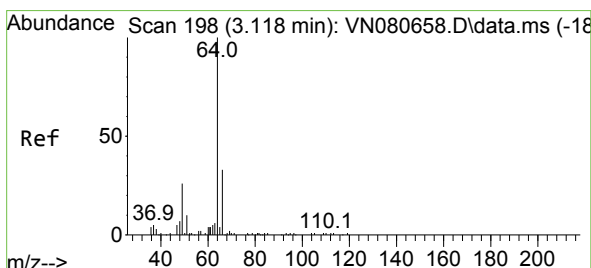
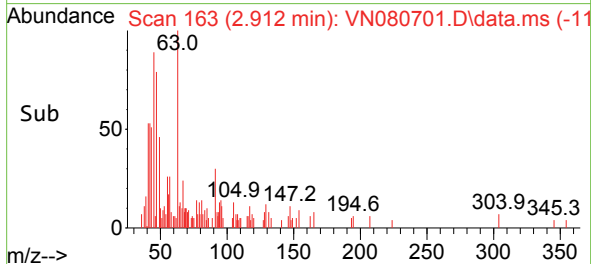
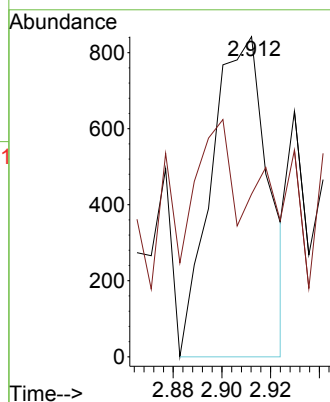
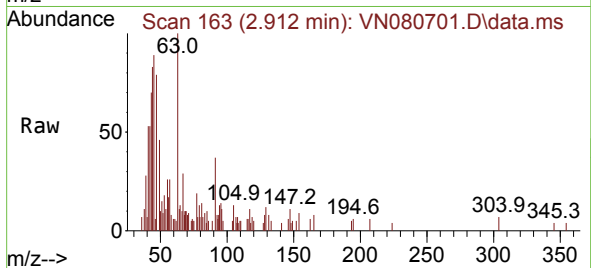




#5
Bromomethane
Concen: 1.513 ug/l
RT: 2.912 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

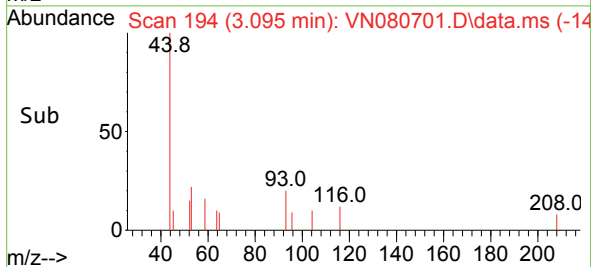
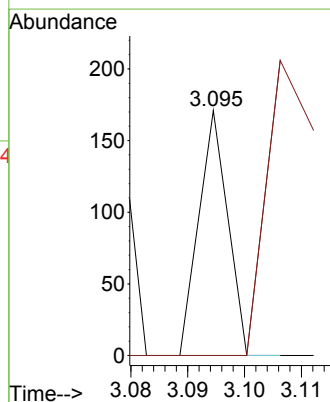
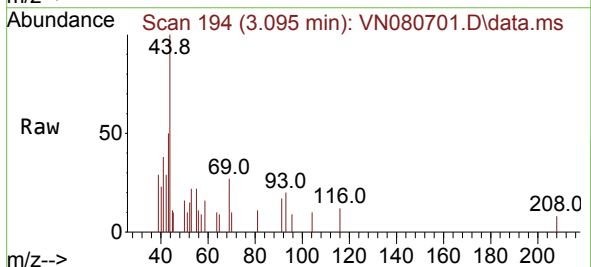
Instrument :
MSVOA_N
ClientSampleId :

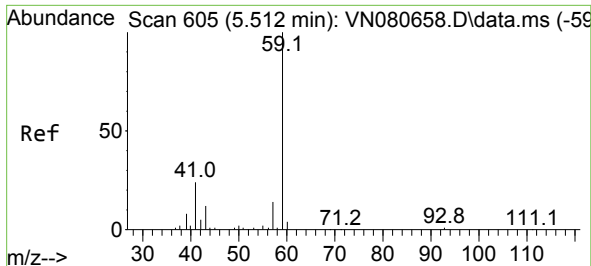
Tgt Ion: 94 Resp: 1361
Ion Ratio Lower Upper
94 100
96 21.5 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.095 min Scan# 194
Delta R.T. -0.023 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

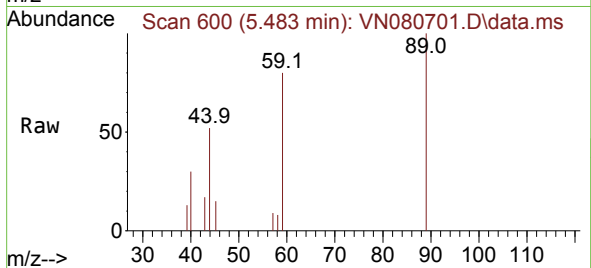
Tgt Ion: 64 Resp: 60
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



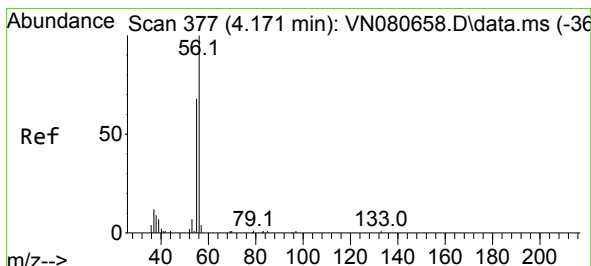
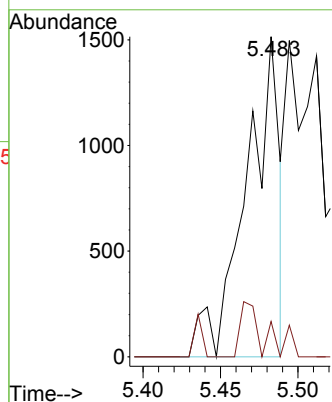
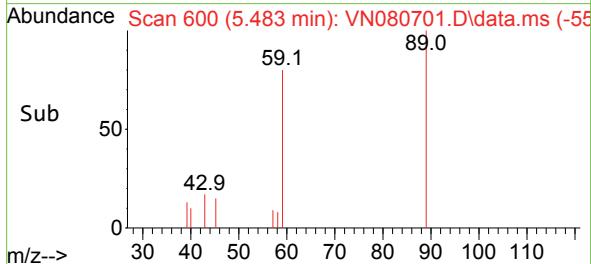


#11
Tert butyl alcohol
Concen: 4.753 ug/l
RT: 5.483 min Scan# 605
Delta R.T. -0.029 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :

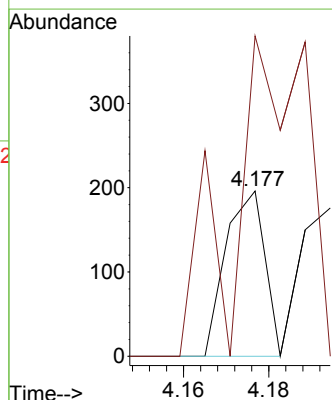
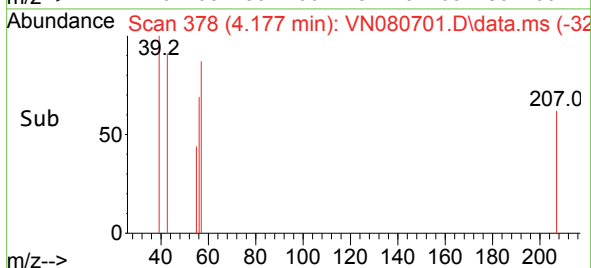
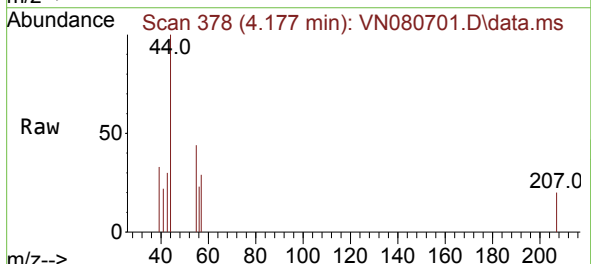


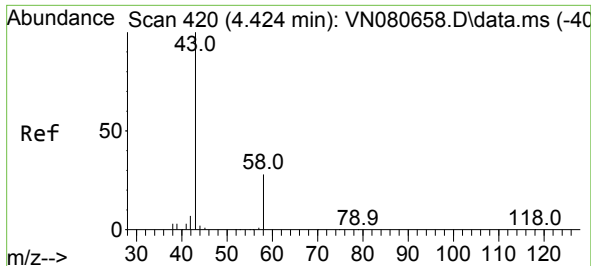
Tgt Ion: 59 Resp: 2267
Ion Ratio Lower Upper
59 100
57 12.7 8.2 12.4#



#13
Acrolein
Concen: 0.314 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

Tgt Ion: 56 Resp: 125
Ion Ratio Lower Upper
56 100
55 357.6 54.5 81.7#

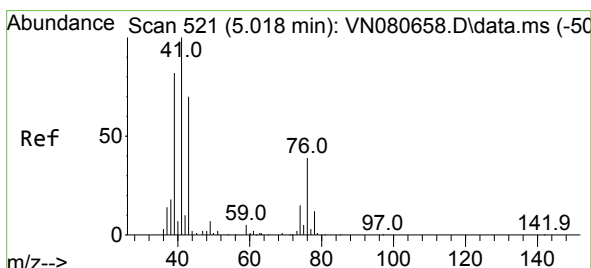
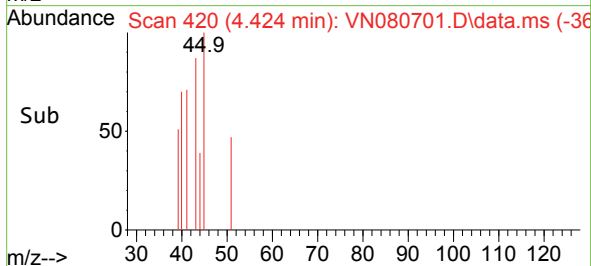
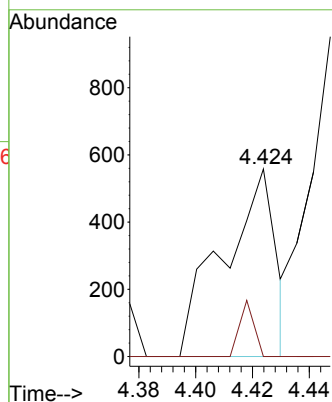
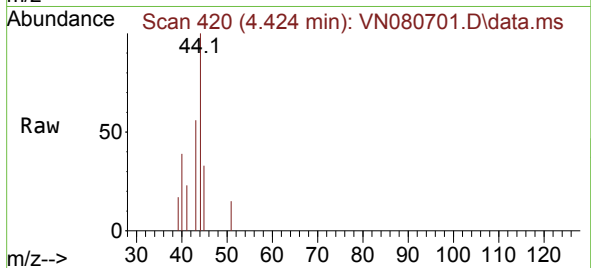




#16
Acetone
Concen: 0.774 ug/l
RT: 4.424 min Scan# 431
Delta R.T. -0.000 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

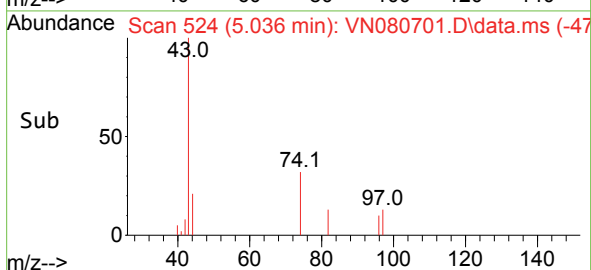
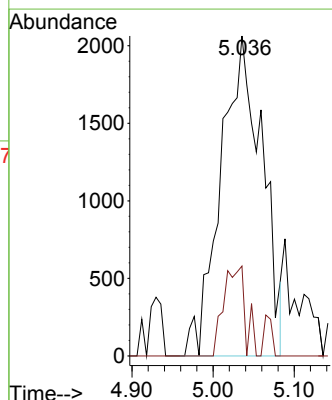
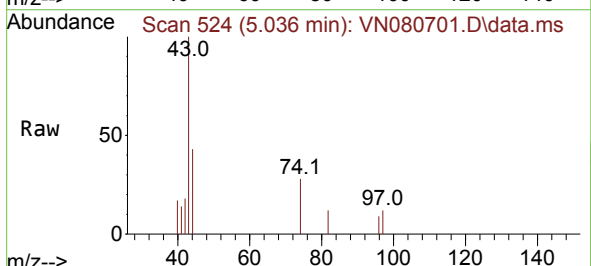
Instrument :
MSVOA_N
ClientSampleId :

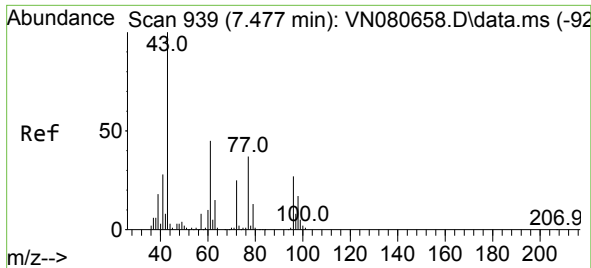
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#18
Methyl Acetate
Concen: 2.640 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

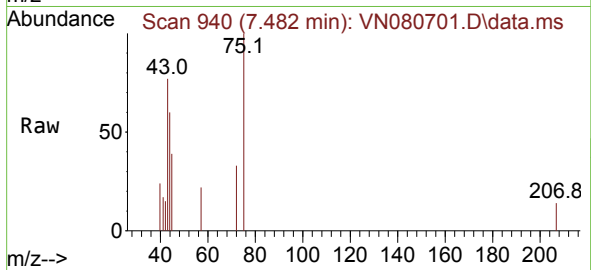
Tgt Ion: 43 Resp: 7279
Ion Ratio Lower Upper
43 100
74 14.8 26.2 39.4#



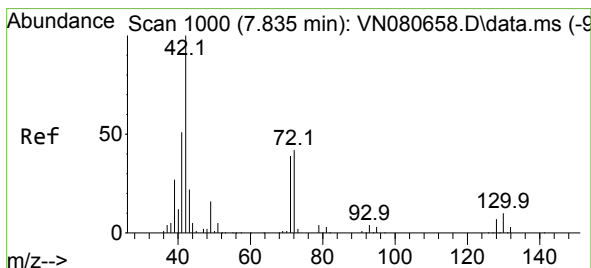
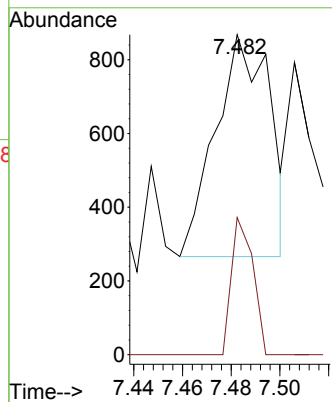
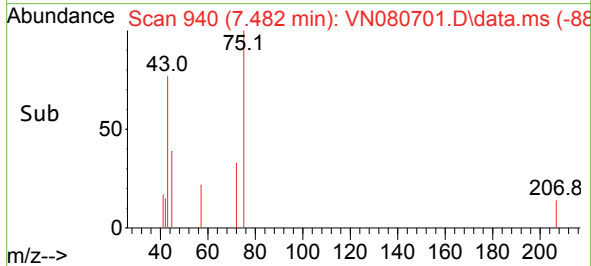


#25
2-Butanone
Concen: 0.559 ug/l
RT: 7.482 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :

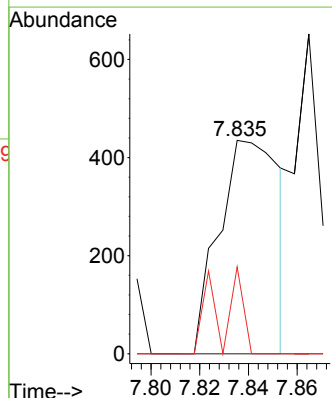
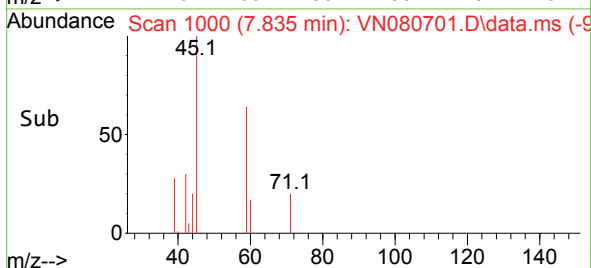
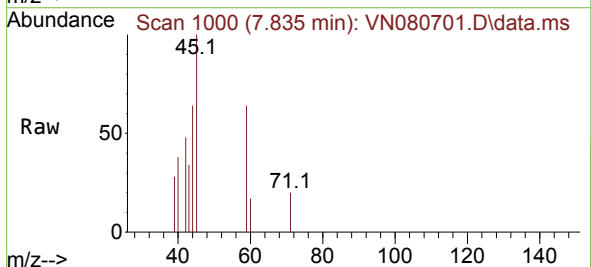


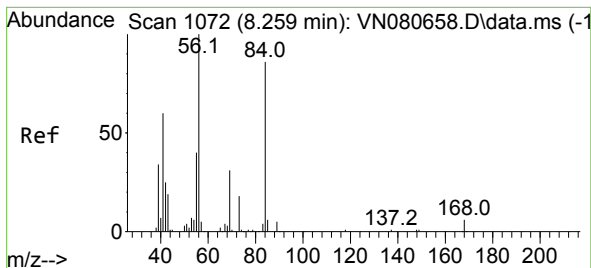
Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
72 61.8 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.663 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

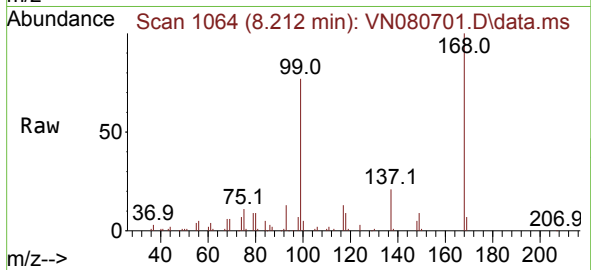
Tgt Ion: 42 Resp: 748
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 16.3 47.4 71.2#



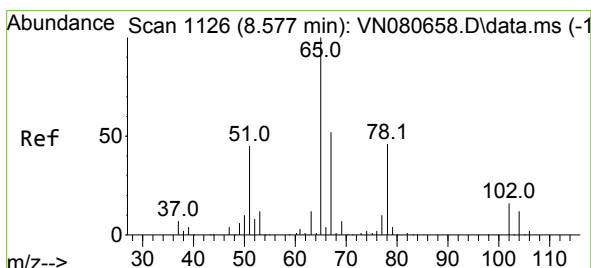
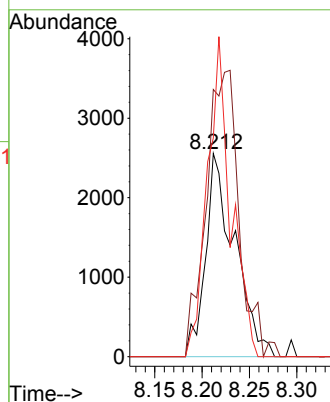
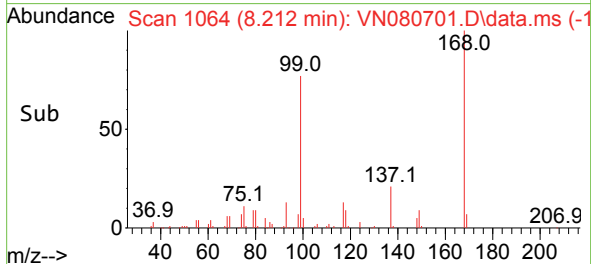


#31
Cyclohexane
Concen: 1.251 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.047 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

Instrument :
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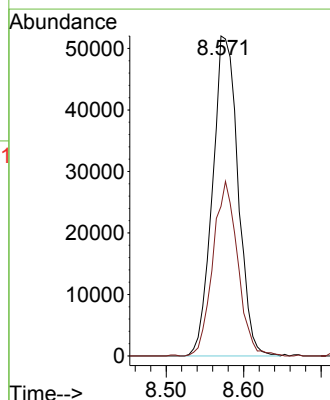
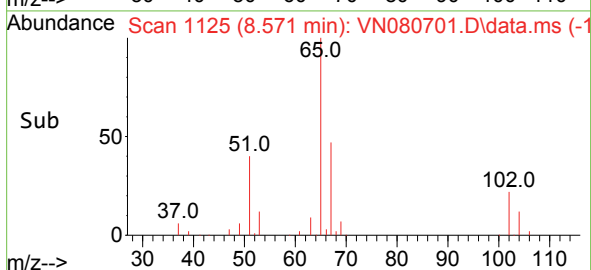
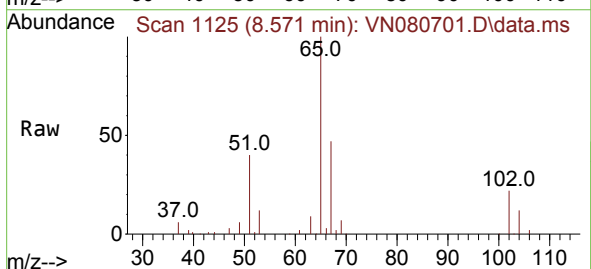


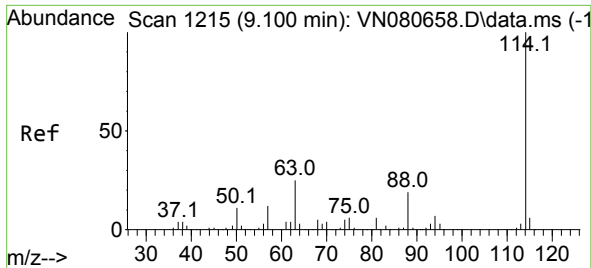
Tgt Ion: 56 Resp: 5451
Ion Ratio Lower Upper
56 100
69 131.5 26.8 40.2#
84 107.6 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 42.236 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

Tgt Ion: 65 Resp: 119111
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6

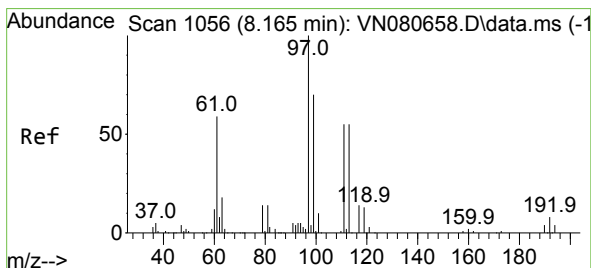
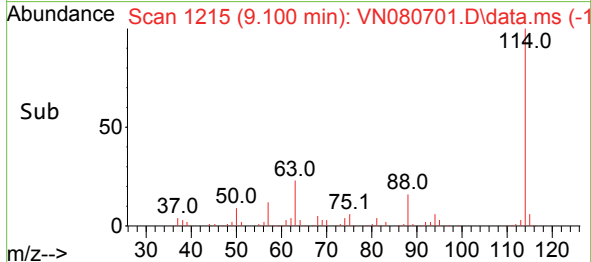
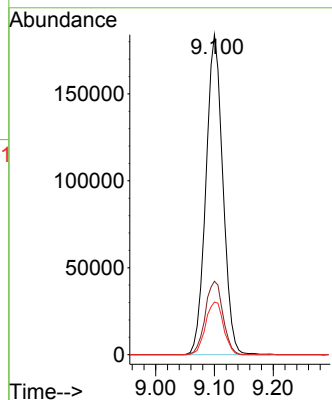
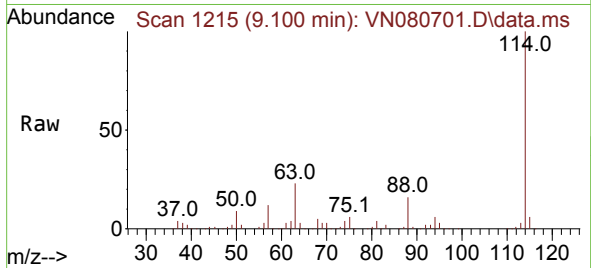




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

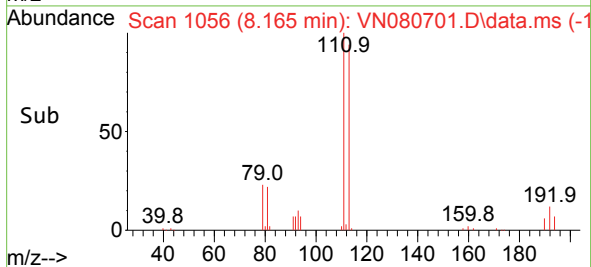
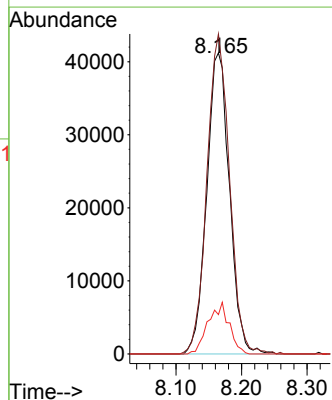
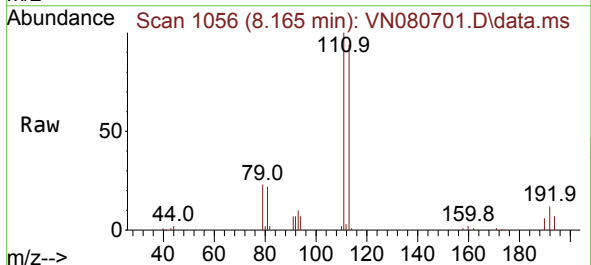
Instrument :
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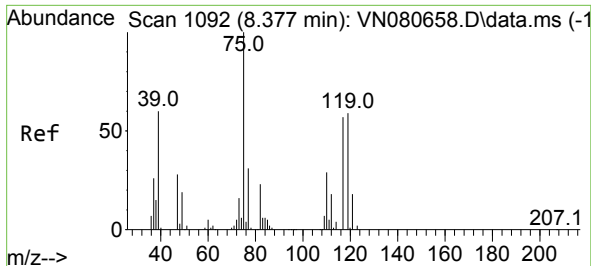
Tgt Ion:114 Resp: 368746
Ion Ratio Lower Upper
114 100
63 22.9 0.0 36.4
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.388 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

Tgt Ion:113 Resp: 99283
Ion Ratio Lower Upper
113 100
111 105.7 82.6 123.8
192 15.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 3.815 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

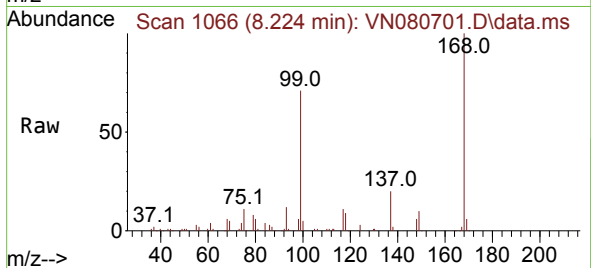
Lab File: VN080701.D

Acq: 12 Jan 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :



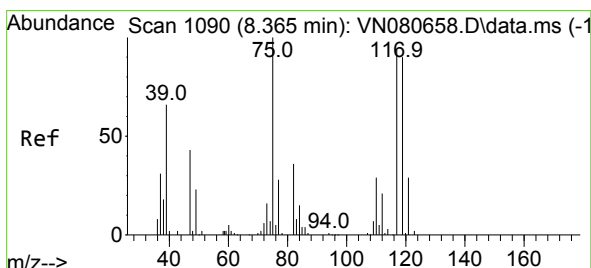
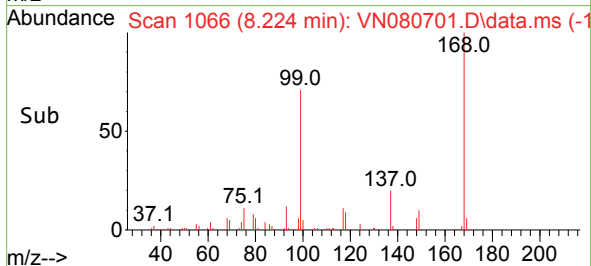
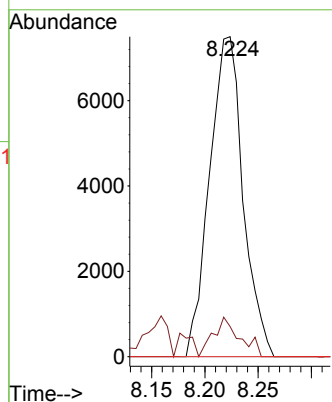
Tgt Ion: 75 Resp: 16374

Ion Ratio Lower Upper

75 100

110 9.7 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.955 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN080701.D

Acq: 12 Jan 2024 19:41

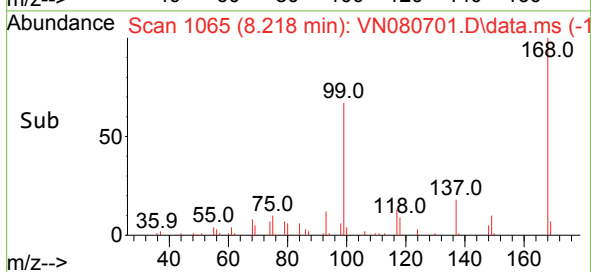
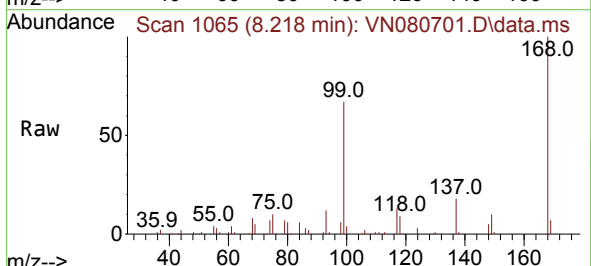
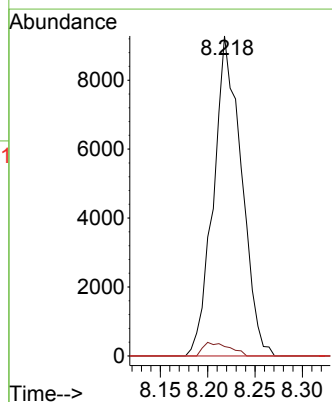
Tgt Ion: 117 Resp: 19093

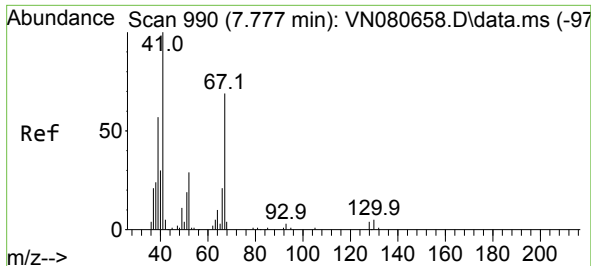
Ion Ratio Lower Upper

117 100

119 2.9 77.3 115.9#

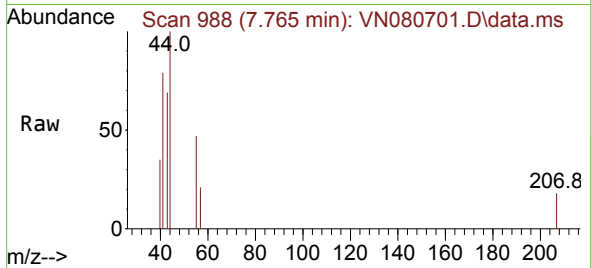
121 0.0 23.3 34.9#



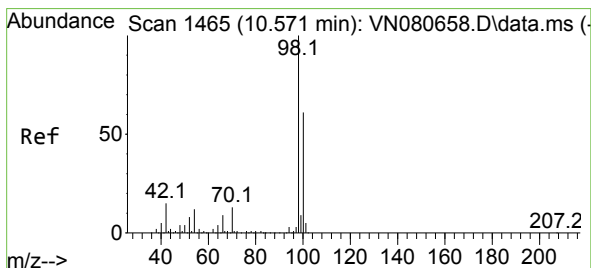
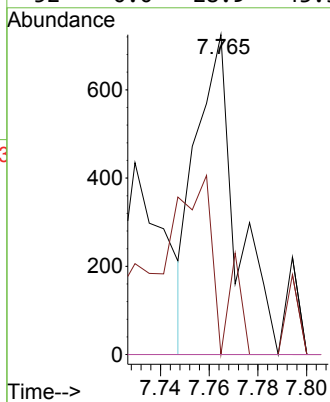
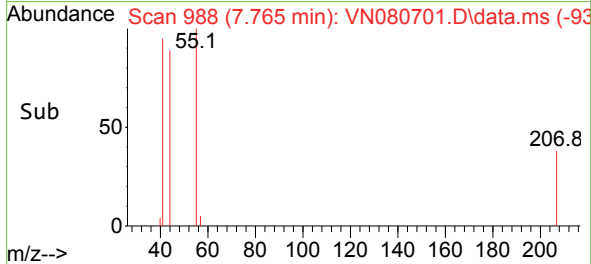


#41
Methacrylonitrile
Concen: 0.349 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :

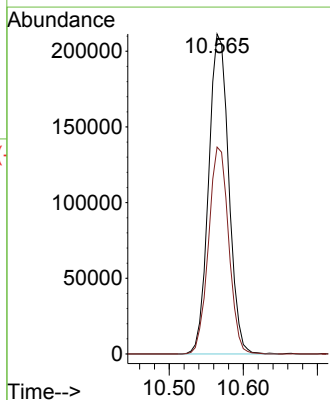
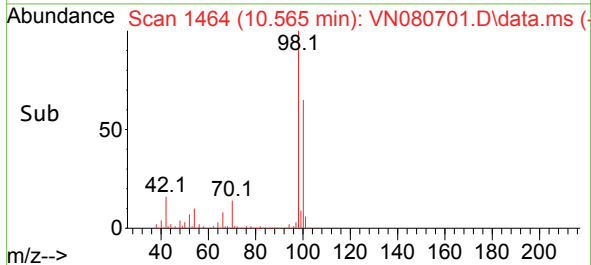
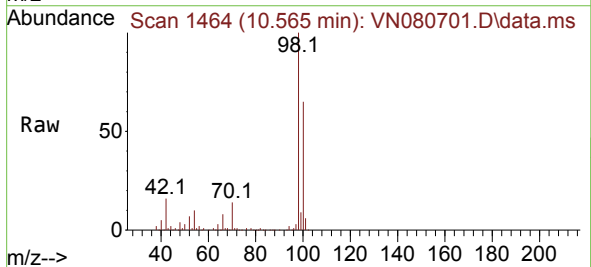


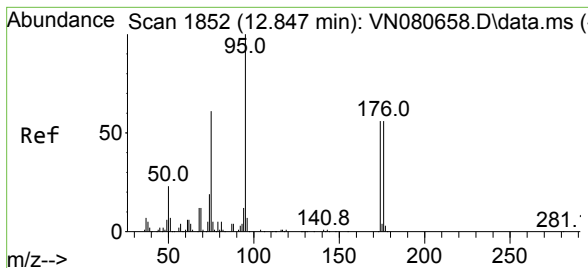
Tgt Ion:	41	Resp:	842
Ion	Ratio	Lower	Upper
41	100		
39	85.7	42.6	64.0#
67	0.0	77.5	116.3#
52	0.0	28.9	43.3#



#50
Toluene-d8
Concen: 49.813 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

Tgt Ion:	98	Resp:	397950
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0

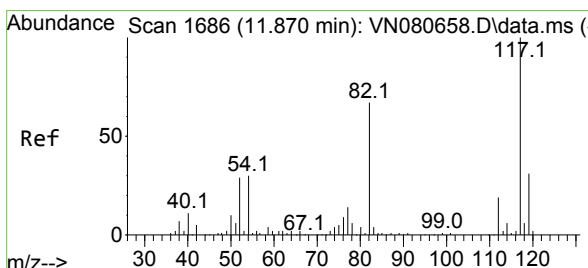
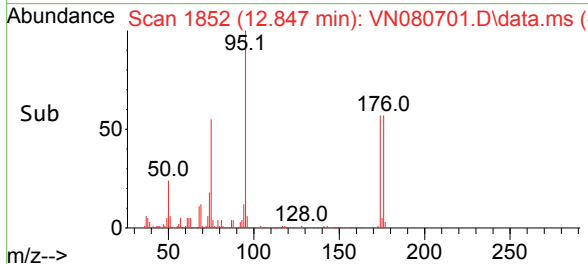
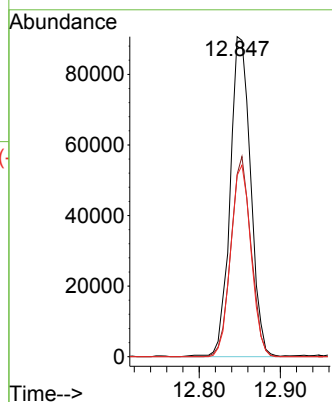
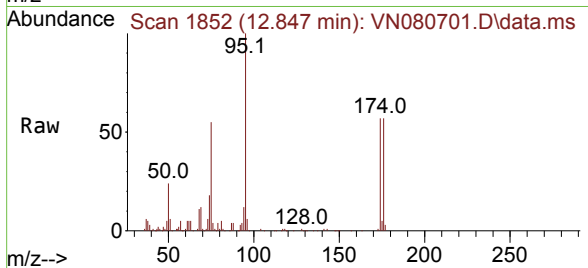




#62
4-Bromofluorobenzene
Concen: 51.790 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

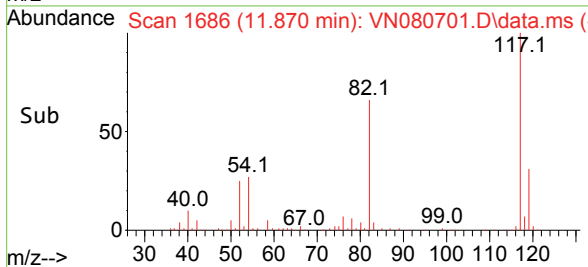
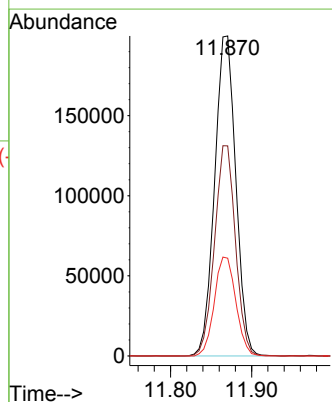
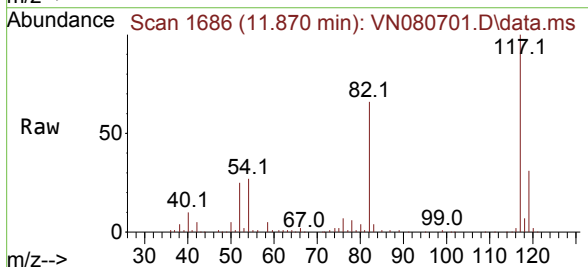
Instrument :
MSVOA_N
ClientSampleId :

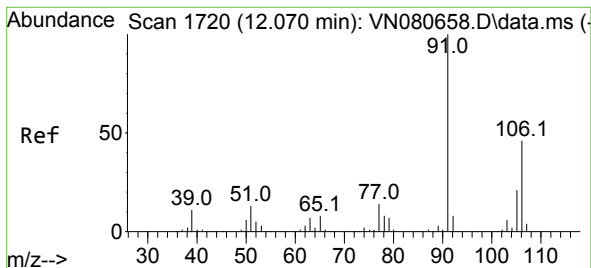
Tgt Ion: 95 Resp: 158660
Ion Ratio Lower Upper
95 100
174 61.3 0.0 143.8
176 59.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

Tgt Ion: 117 Resp: 362655
Ion Ratio Lower Upper
117 100
82 65.7 44.0 66.0
119 30.6 25.6 38.4

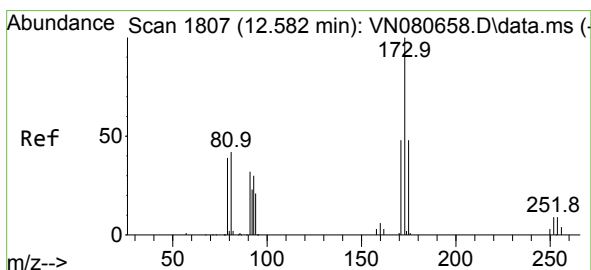
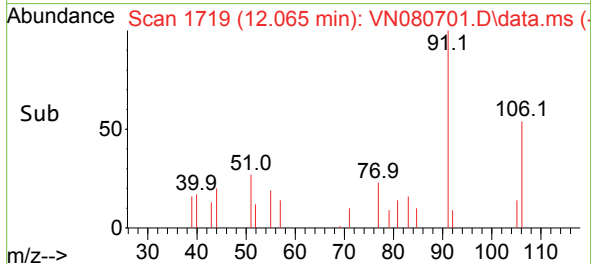
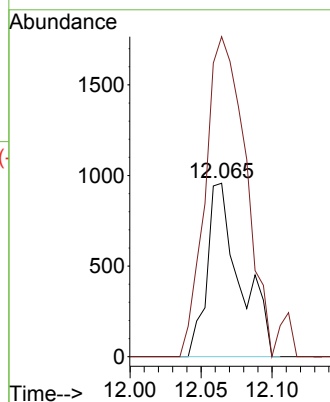
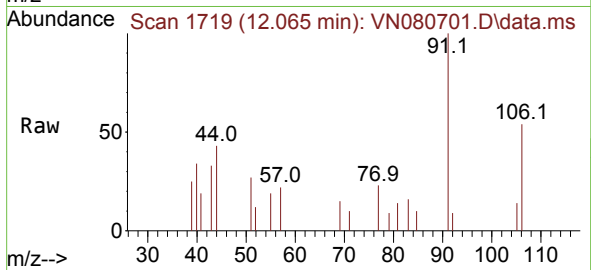




#68
m/p-Xylenes
Concen: 0.290 ug/l
RT: 12.065 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

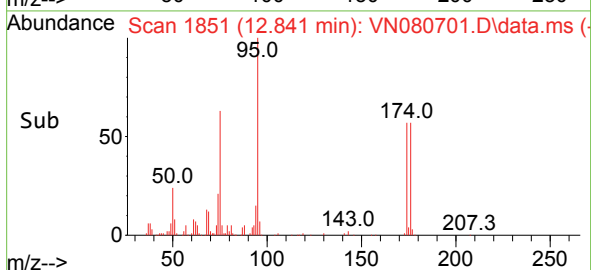
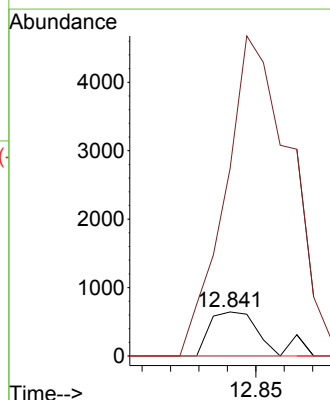
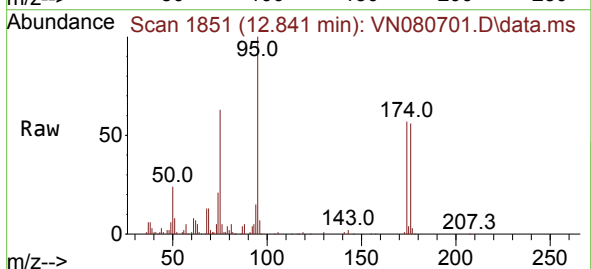
Instrument :
MSVOA_N
ClientSampleId :

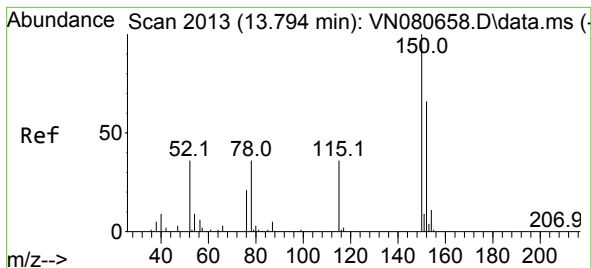
Tgt Ion:106 Resp: 1541
Ion Ratio Lower Upper
106 100
91 235.8 159.6 239.4



#71
Bromoform
Concen: 0.378 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

Tgt Ion:173 Resp: 732
Ion Ratio Lower Upper
173 100
175 820.4 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# 20

Delta R.T. -0.000 min

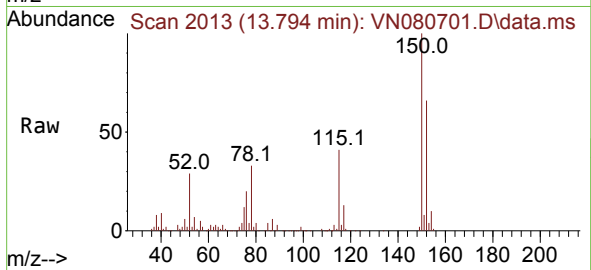
Lab File: VN080701.D

Acq: 12 Jan 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :



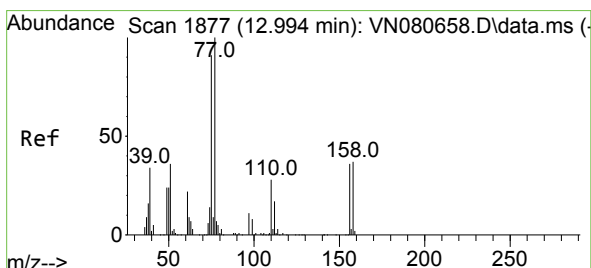
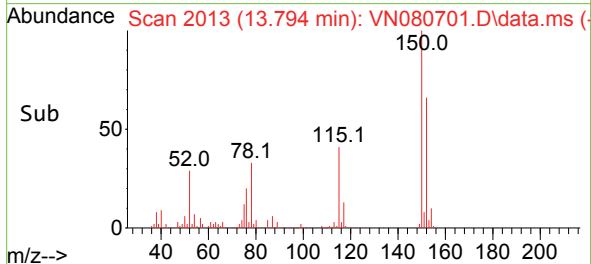
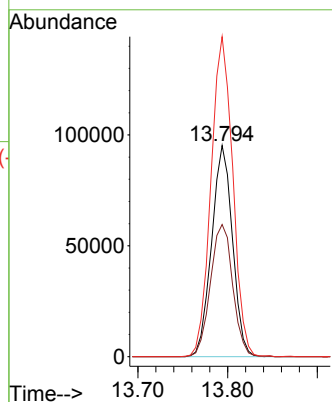
Tgt Ion:152 Resp: 153666

Ion Ratio Lower Upper

152 100

115 66.9 32.3 96.8

150 157.9 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 19.001 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080701.D

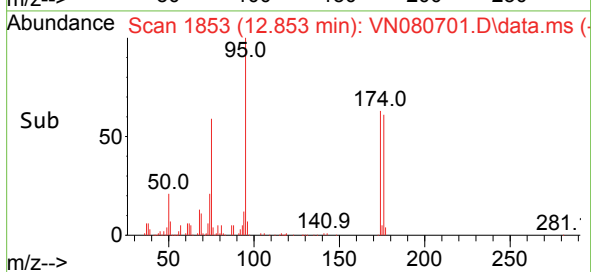
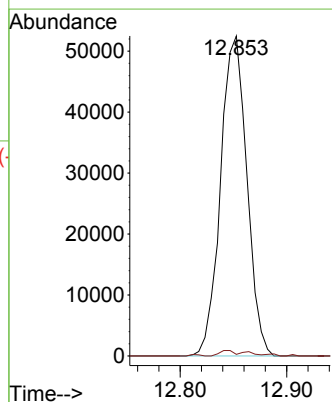
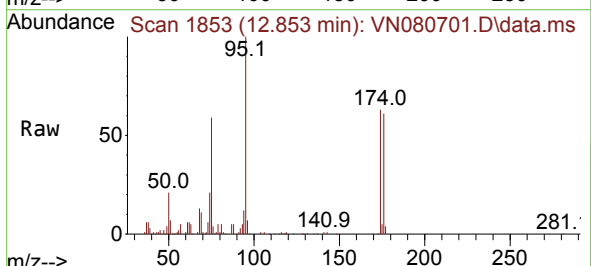
Acq: 12 Jan 2024 19:41

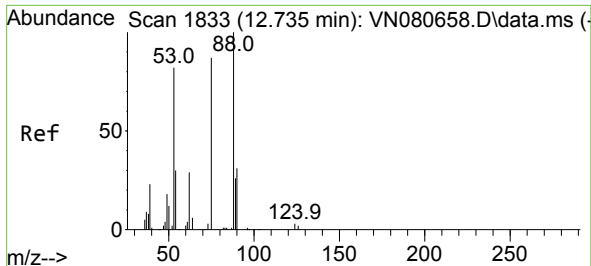
Tgt Ion: 75 Resp: 90035

Ion Ratio Lower Upper

75 100

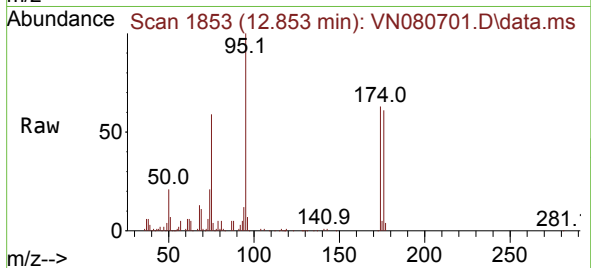
77 0.9 84.5 253.5#



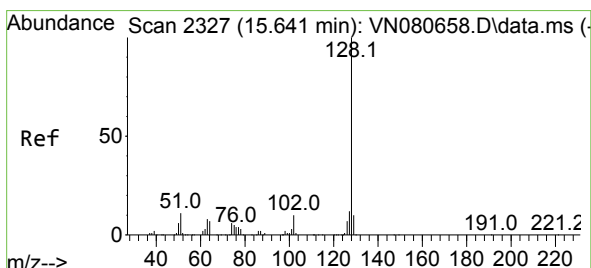
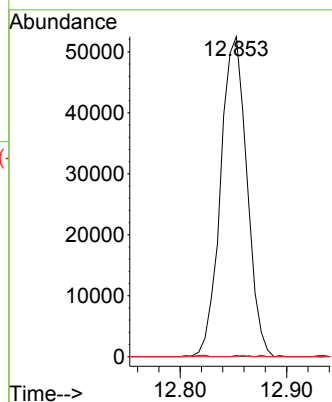
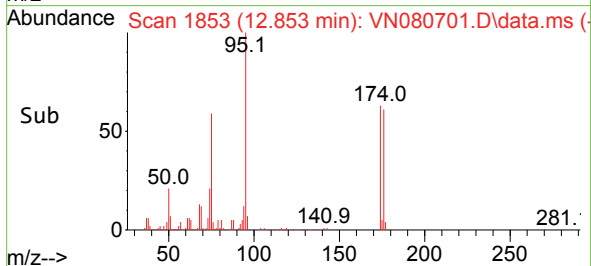


#81
trans-1,4-Dichloro-2-butene
Concen: 44.793 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 90035
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.474 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080701.D
Acq: 12 Jan 2024 19:41

Tgt Ion: 128 Resp: 5078
Ion Ratio Lower Upper
128 100
127 6.0 10.0 15.0#
129 9.6 8.7 13.1

