

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080887.D
 Acq On : 02 Feb 2024 20:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 02 23:58:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

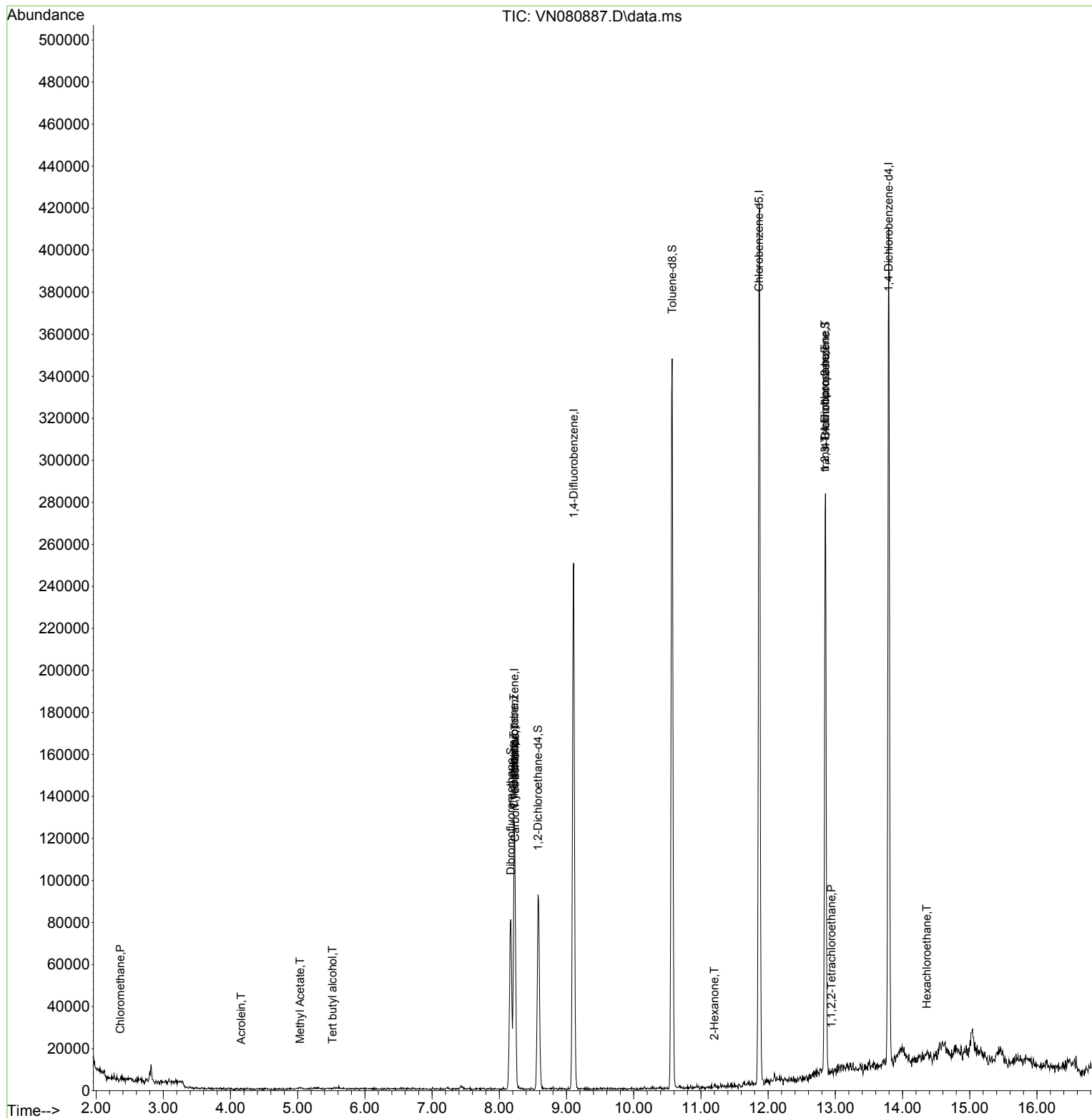
Internal Standards						
1) Pentafluorobenzene	8.224	168	79794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	191374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	85970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	72965	52.857	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.720%			
35) Dibromofluoromethane	8.171	113	56418	48.186	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.380%			
50) Toluene-d8	10.571	98	220933	48.212	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.420%			
62) 4-Bromofluorobenzene	12.853	95	94860	59.403	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.800%			
Target Compounds						Qvalue
3) Chloromethane	2.360	50	1085	0.609	ug/l #	86
11) Tert butyl alcohol	5.518	59	56	0.249	ug/l #	72
13) Acrolein	4.159	56	65	0.229	ug/l #	73
18) Methyl Acetate	5.036	43	907	0.520	ug/l #	54
31) Cyclohexane	8.218	56	2469	1.043	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	9541	4.384	ug/l #	50
38) Carbon Tetrachloride	8.236	117	9561	5.453	ug/l #	19
59) 2-Hexanone	11.200	43	422	0.238	ug/l #	26
75) 1,1,2,2-Tetrachloroethane	12.941	83	706	0.255	ug/l #	27
76) 1,2,3-Trichloropropane	12.847	75	55628	21.454	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	55628	55.270	ug/l #	14
90) Hexachloroethane	14.359	117	250	0.249	ug/l	61

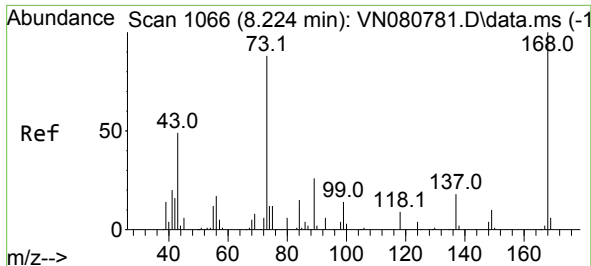
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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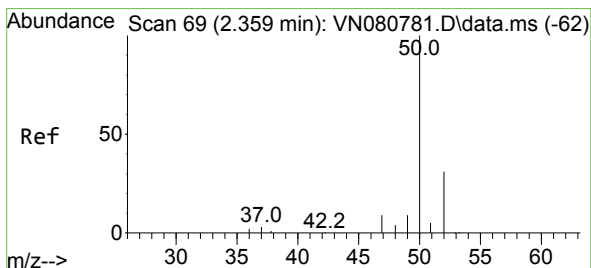
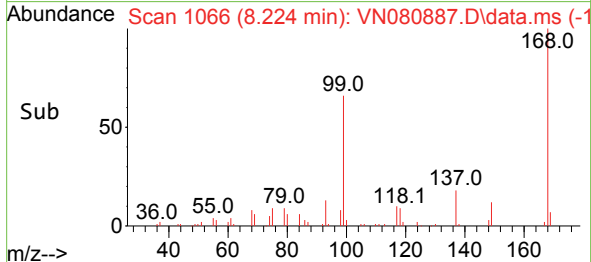
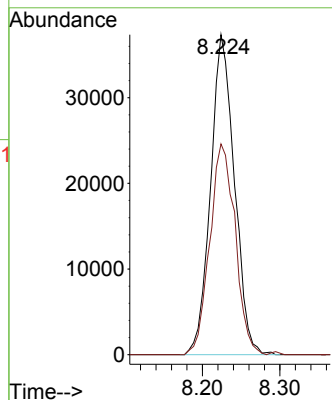
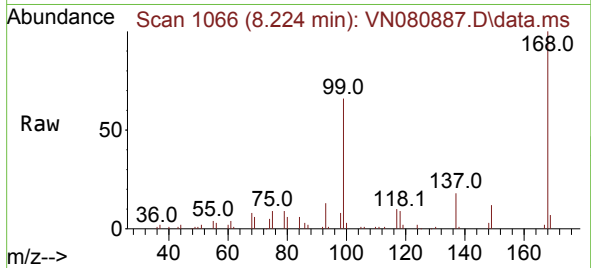




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

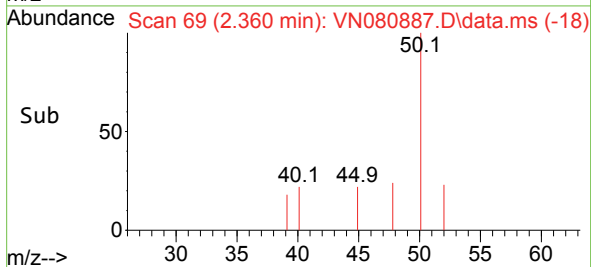
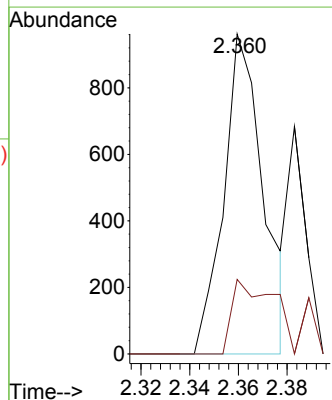
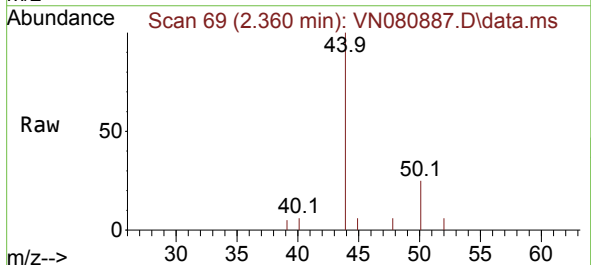
Instrument :
MSVOA_N
ClientSampleId :
IBLK

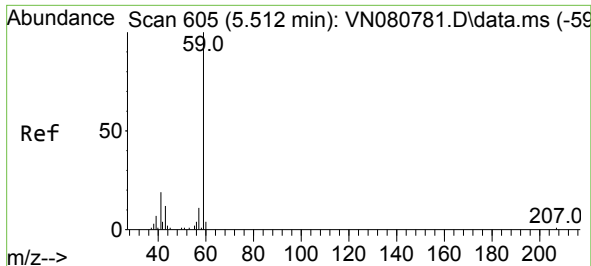
Tgt Ion:168 Resp: 79794
Ion Ratio Lower Upper
168 100
99 65.9 59.9 89.9



#3
Chloromethane
Concen: 0.609 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

Tgt Ion: 50 Resp: 1085
Ion Ratio Lower Upper
50 100
52 23.3 25.0 37.4#

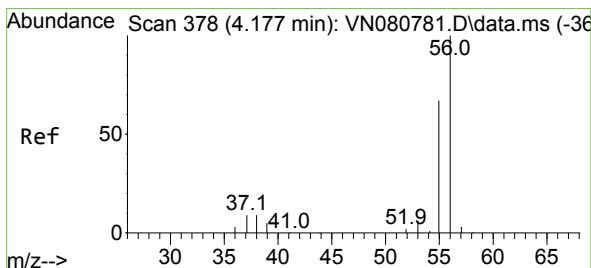
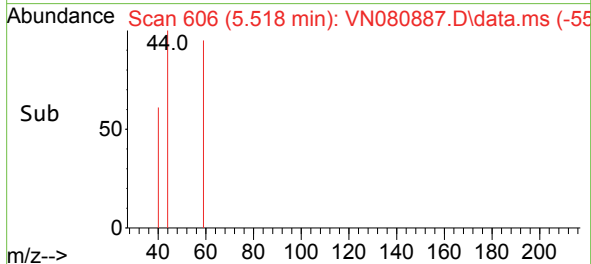
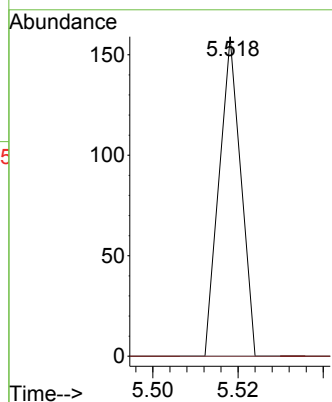
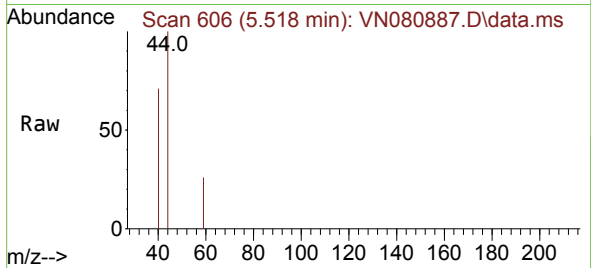




#11
Tert butyl alcohol
Concen: 0.249 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

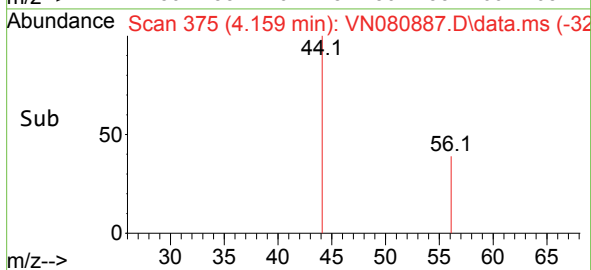
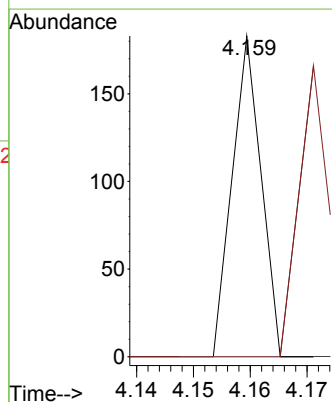
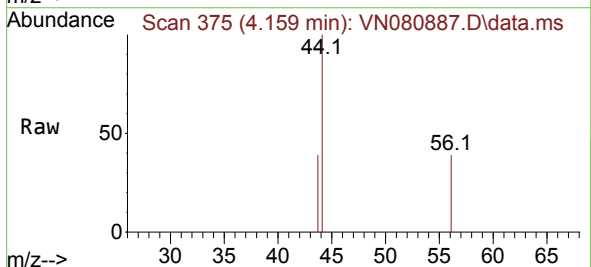
Instrument :
MSVOA_N
ClientSampleId :
IBLK

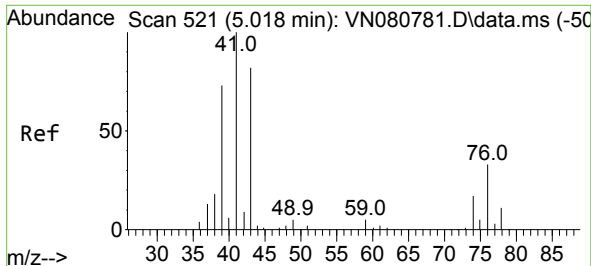
Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.229 ug/l
RT: 4.159 min Scan# 375
Delta R.T. -0.017 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 90.8 55.3 82.9#

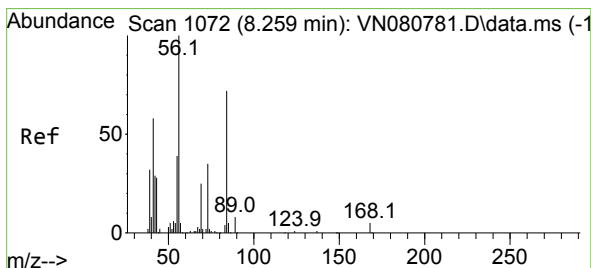
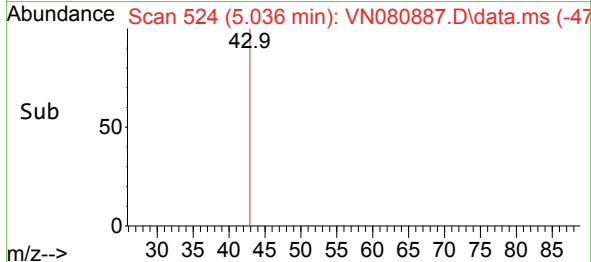
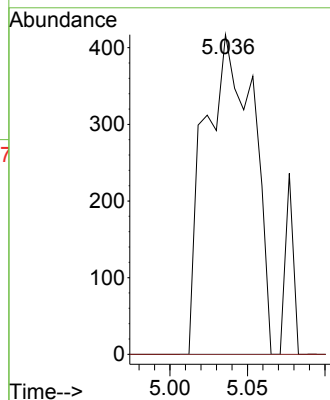
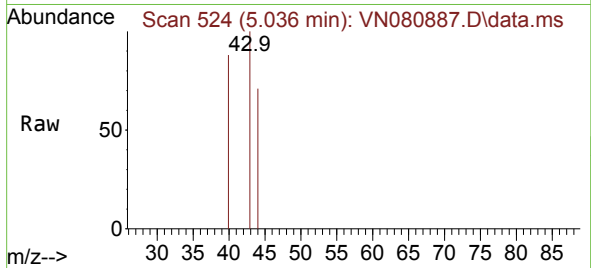




#18
Methyl Acetate
Concen: 0.520 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

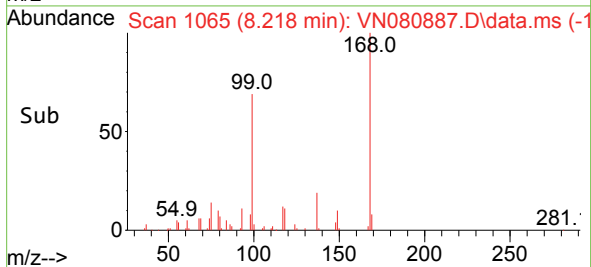
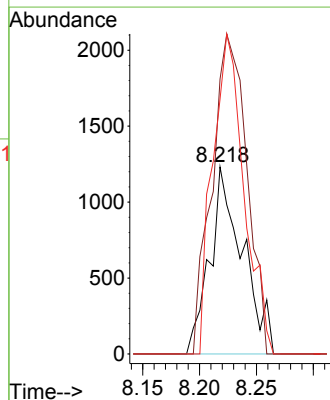
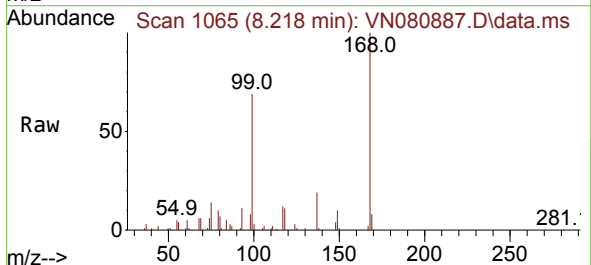
Instrument :
MSVOA_N
ClientSampleId :
IBLK

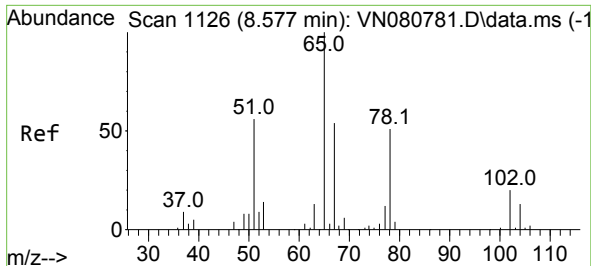
Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



#31
Cyclohexane
Concen: 1.043 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

Tgt Ion: 56 Resp: 2469
Ion Ratio Lower Upper
56 100
69 146.9 20.1 30.1#
84 136.2 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 52.857 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080887.D

Acq: 02 Feb 2024 20:39

Instrument :

MSVOA_N

ClientSampleId :

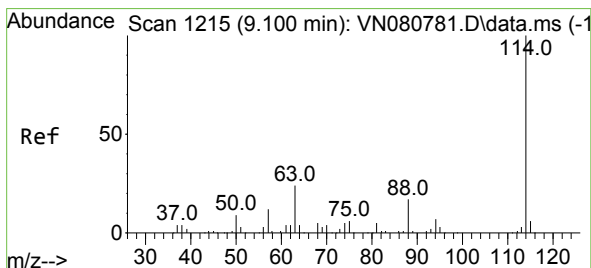
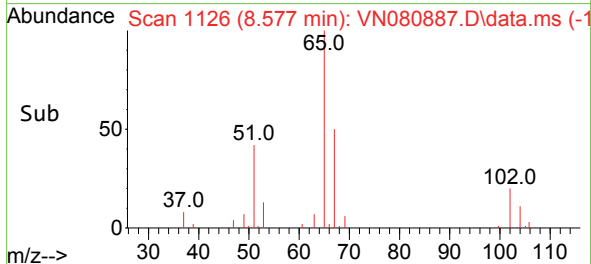
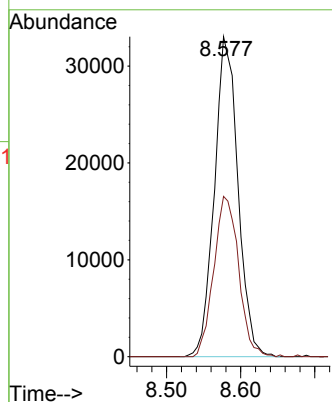
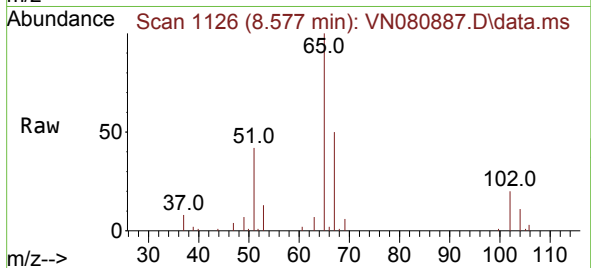
IBLK

Tgt Ion: 65 Resp: 72965

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080887.D

Acq: 02 Feb 2024 20:39

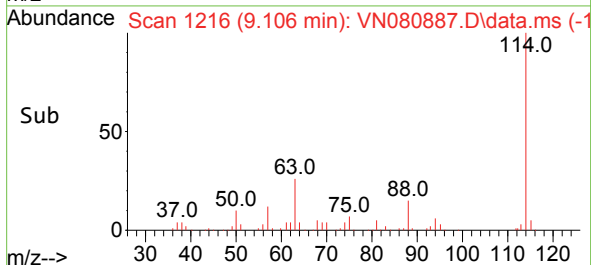
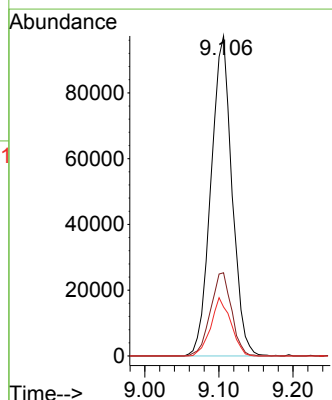
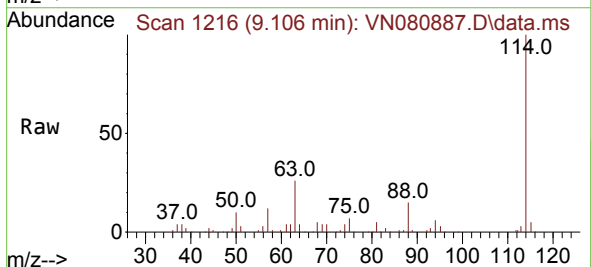
Tgt Ion: 114 Resp: 191374

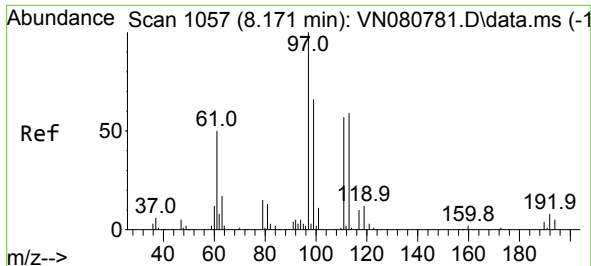
Ion Ratio Lower Upper

114 100

63 26.0 0.0 48.0

88 15.3 0.0 34.8

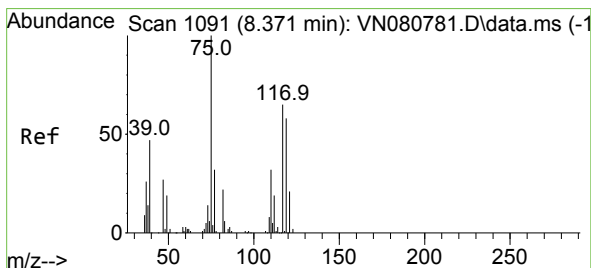
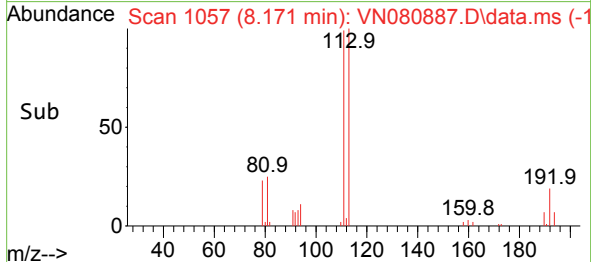
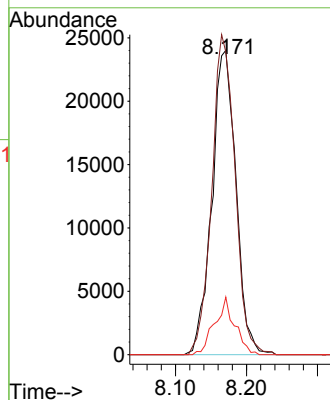
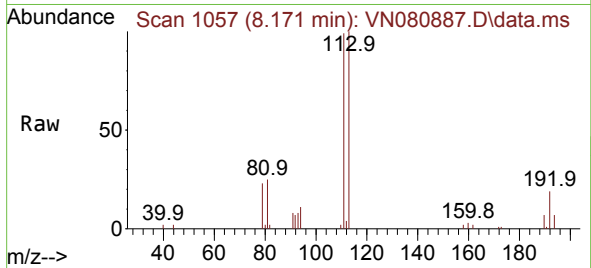




#35
Dibromofluoromethane
Concen: 48.186 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

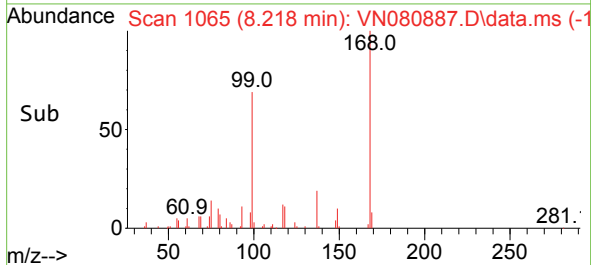
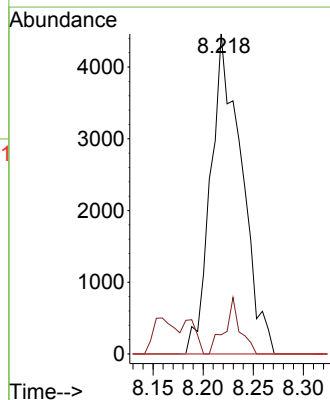
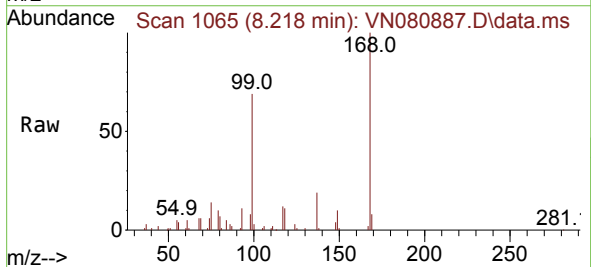
Instrument :
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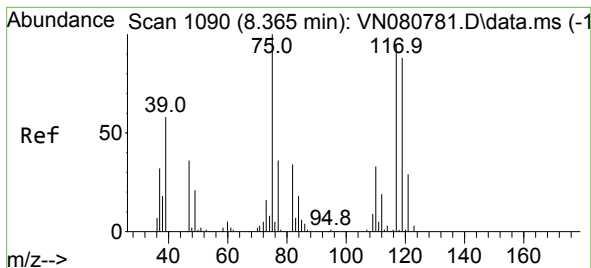
Tgt Ion:113 Resp: 56418
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 15.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.384 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

Tgt Ion: 75 Resp: 9541
Ion Ratio Lower Upper
75 100
110 8.8 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.453 ug/l

RT: 8.236 min Scan# 1090

Delta R.T. -0.129 min

Lab File: VN080887.D

Acq: 02 Feb 2024 20:39

Instrument :

MSVOA_N

ClientSampleId :

IBLK

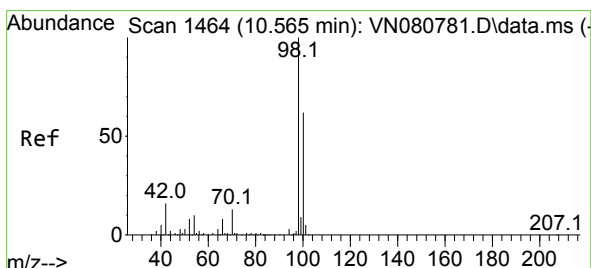
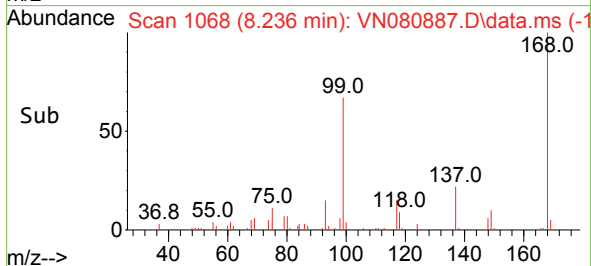
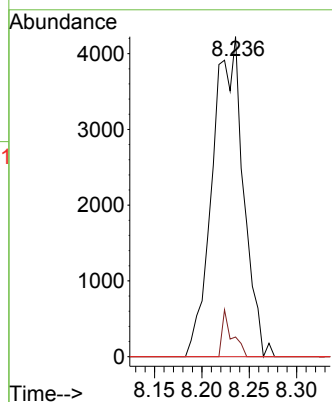
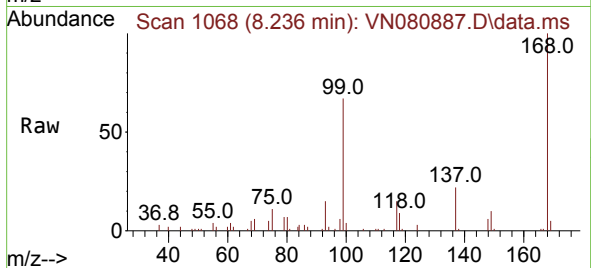
Tgt Ion:117 Resp: 9561

Ion Ratio Lower Upper

117 100

119 6.2 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.212 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080887.D

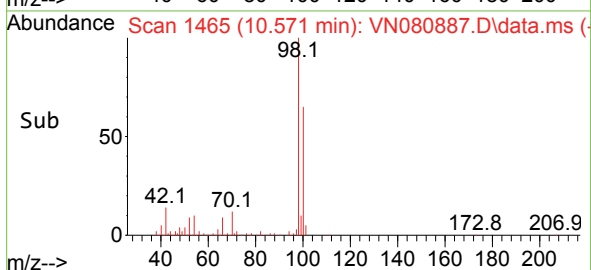
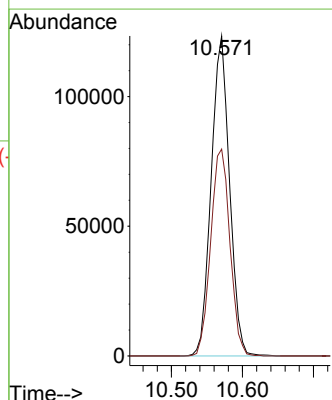
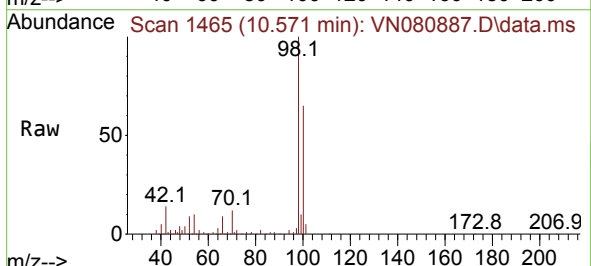
Acq: 02 Feb 2024 20:39

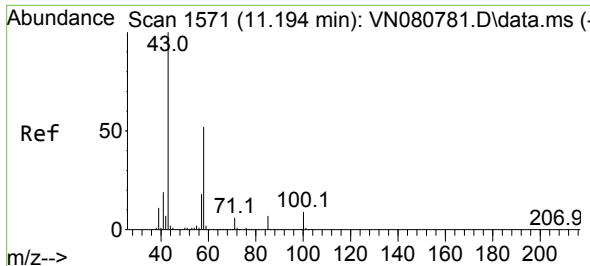
Tgt Ion: 98 Resp: 220933

Ion Ratio Lower Upper

98 100

100 67.8 51.4 77.0

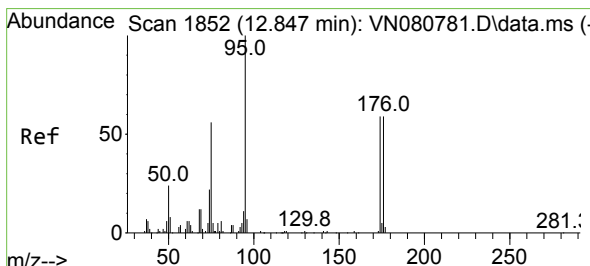
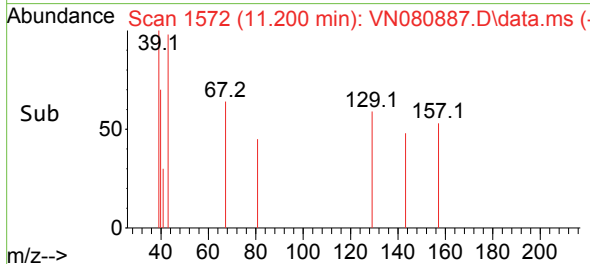
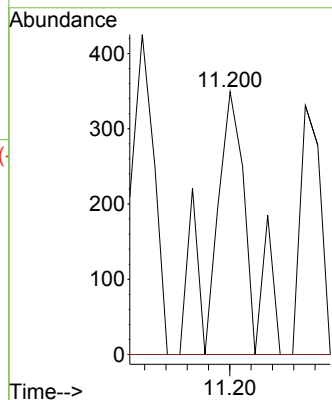
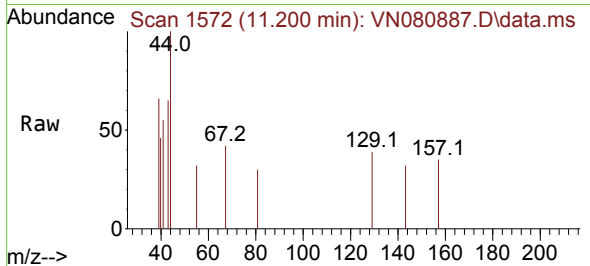




#59
2-Hexanone
Concen: 0.238 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

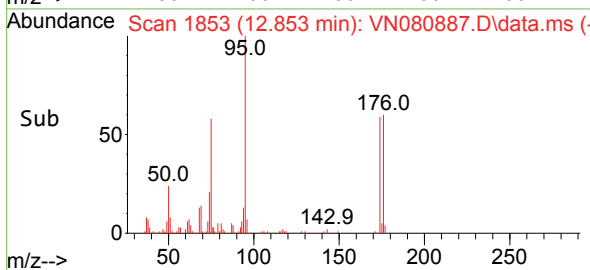
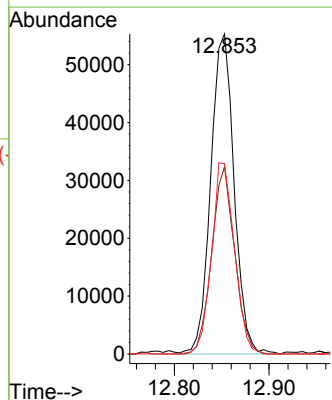
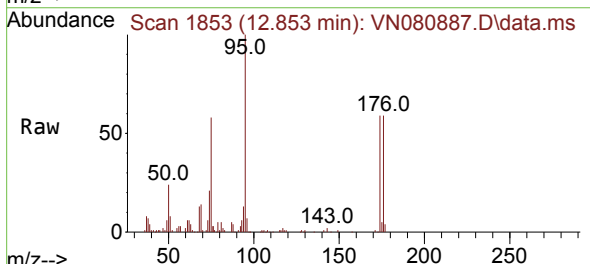
Instrument :
MSVOA_N
ClientSampleId :
IBLK

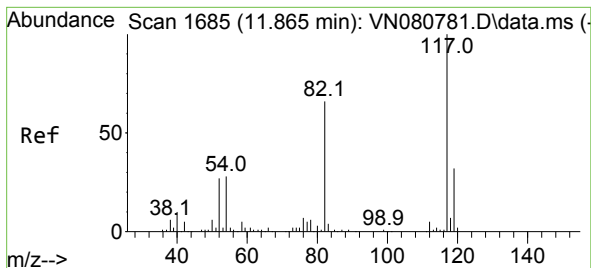
Tgt Ion: 43 Resp: 422
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 59.403 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

Tgt Ion: 95 Resp: 94860
Ion Ratio Lower Upper
95 100
174 57.3 0.0 120.4
176 58.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080887.D

Acq: 02 Feb 2024 20:39

Instrument :

MSVOA_N

ClientSampleId :

IBLK

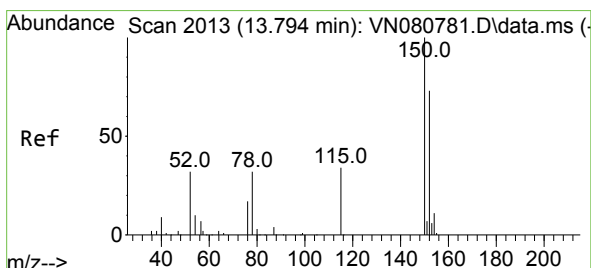
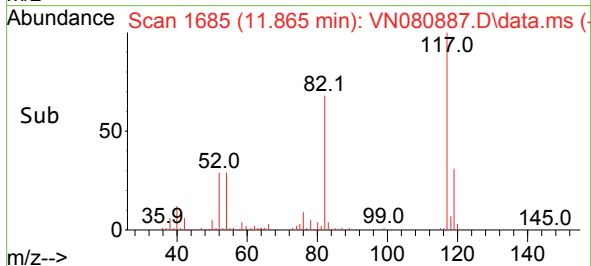
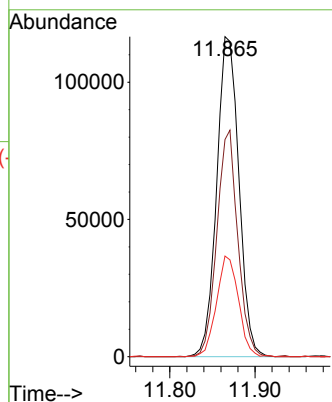
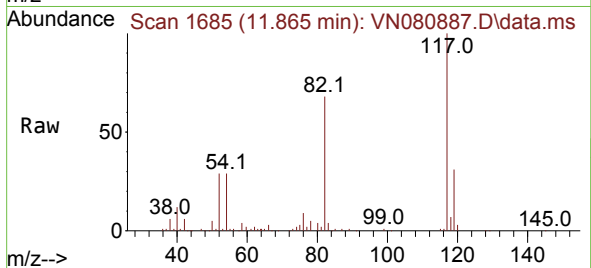
Tgt Ion:117 Resp: 211210

Ion Ratio Lower Upper

117 100

82 67.7 52.7 79.1

119 31.5 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080887.D

Acq: 02 Feb 2024 20:39

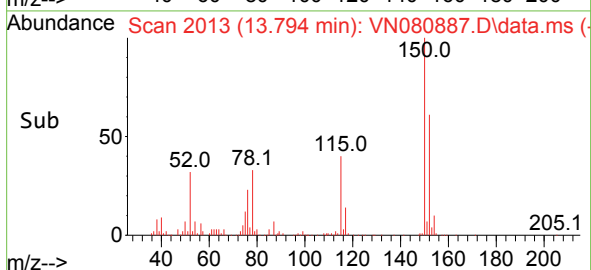
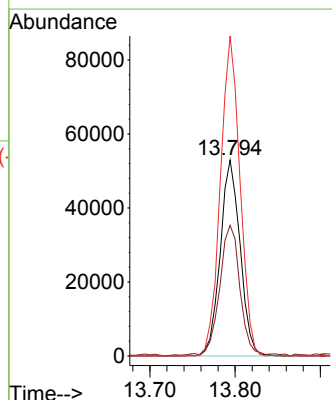
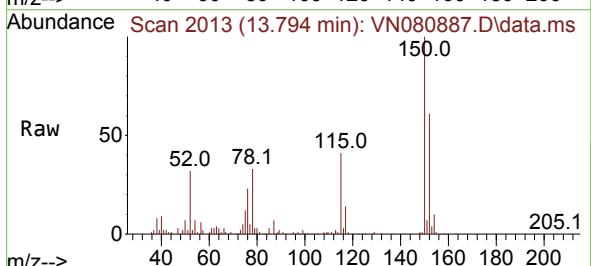
Tgt Ion:152 Resp: 85970

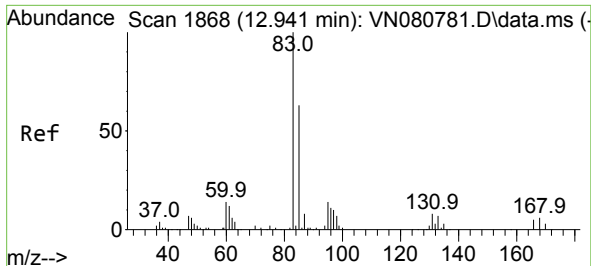
Ion Ratio Lower Upper

152 100

115 68.7 32.3 96.8

150 160.6 0.0 339.8

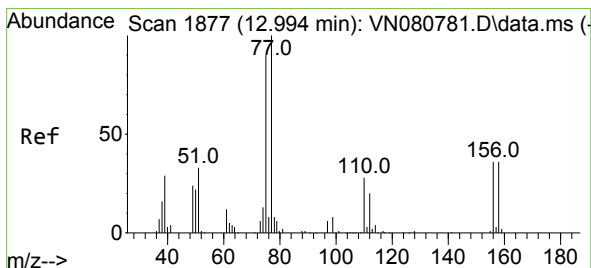
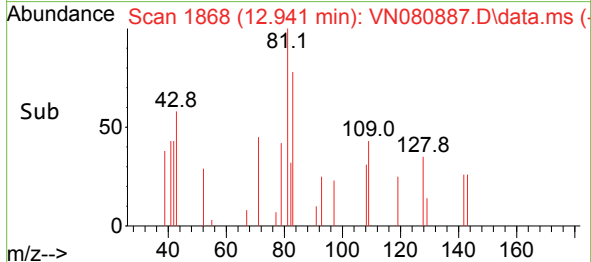
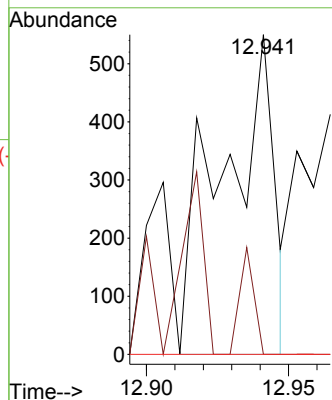
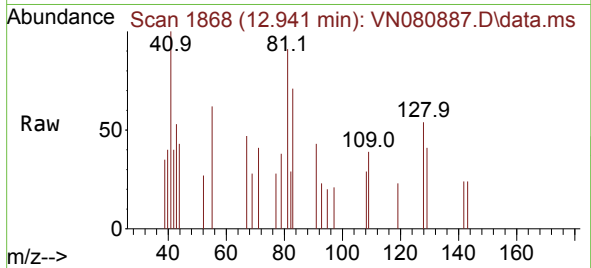




#75
1,1,2,2-Tetrachloroethane
Concen: 0.255 ug/l
RT: 12.941 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

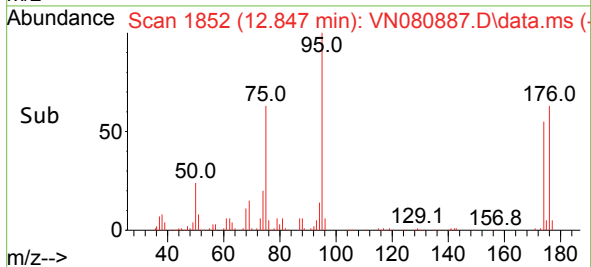
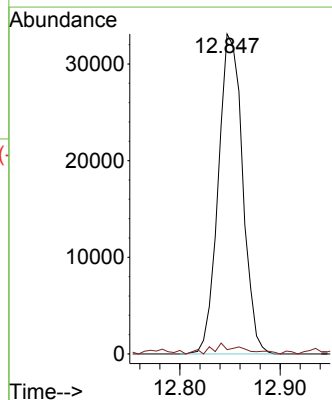
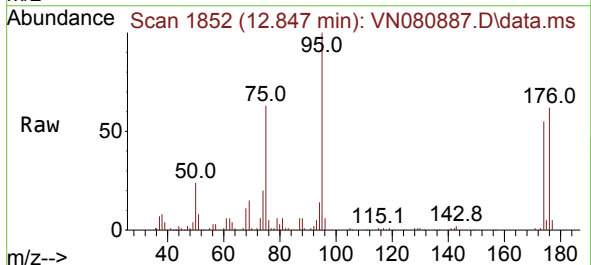
Instrument :
MSVOA_N
ClientSampleId :
IBLK

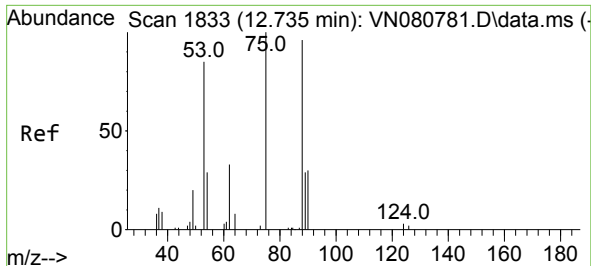
Tgt Ion: 83 Resp: 706
Ion Ratio Lower Upper
83 100
131 9.2 4.1 12.3
85 0.0 32.1 96.3#



#76
1,2,3-Trichloropropane
Concen: 21.454 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

Tgt Ion: 75 Resp: 55628
Ion Ratio Lower Upper
75 100
77 2.4 91.0 272.8#

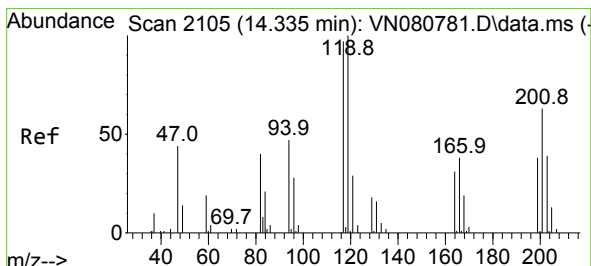
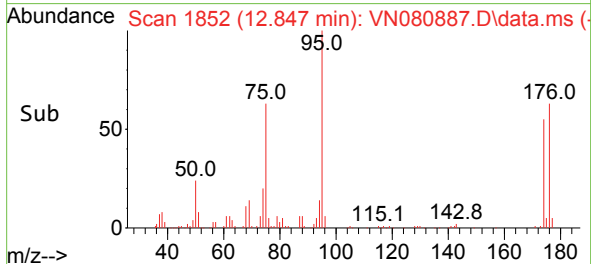
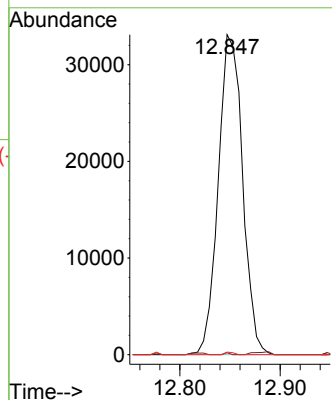
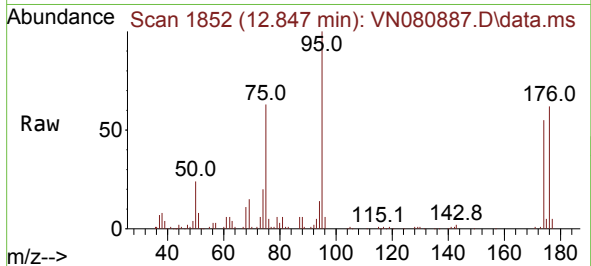




#81
trans-1,4-Dichloro-2-butene
Concen: 55.270 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 55628
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.3 33.4 50.0#



#90
Hexachloroethane
Concen: 0.249 ug/l
RT: 14.359 min Scan# 2109
Delta R.T. 0.024 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

Tgt Ion: 117 Resp: 250
Ion Ratio Lower Upper
117 100
201 30.4 30.0 90.0

