

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081763.D
 Acq On : 16 Apr 2024 16:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 17 03:28:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

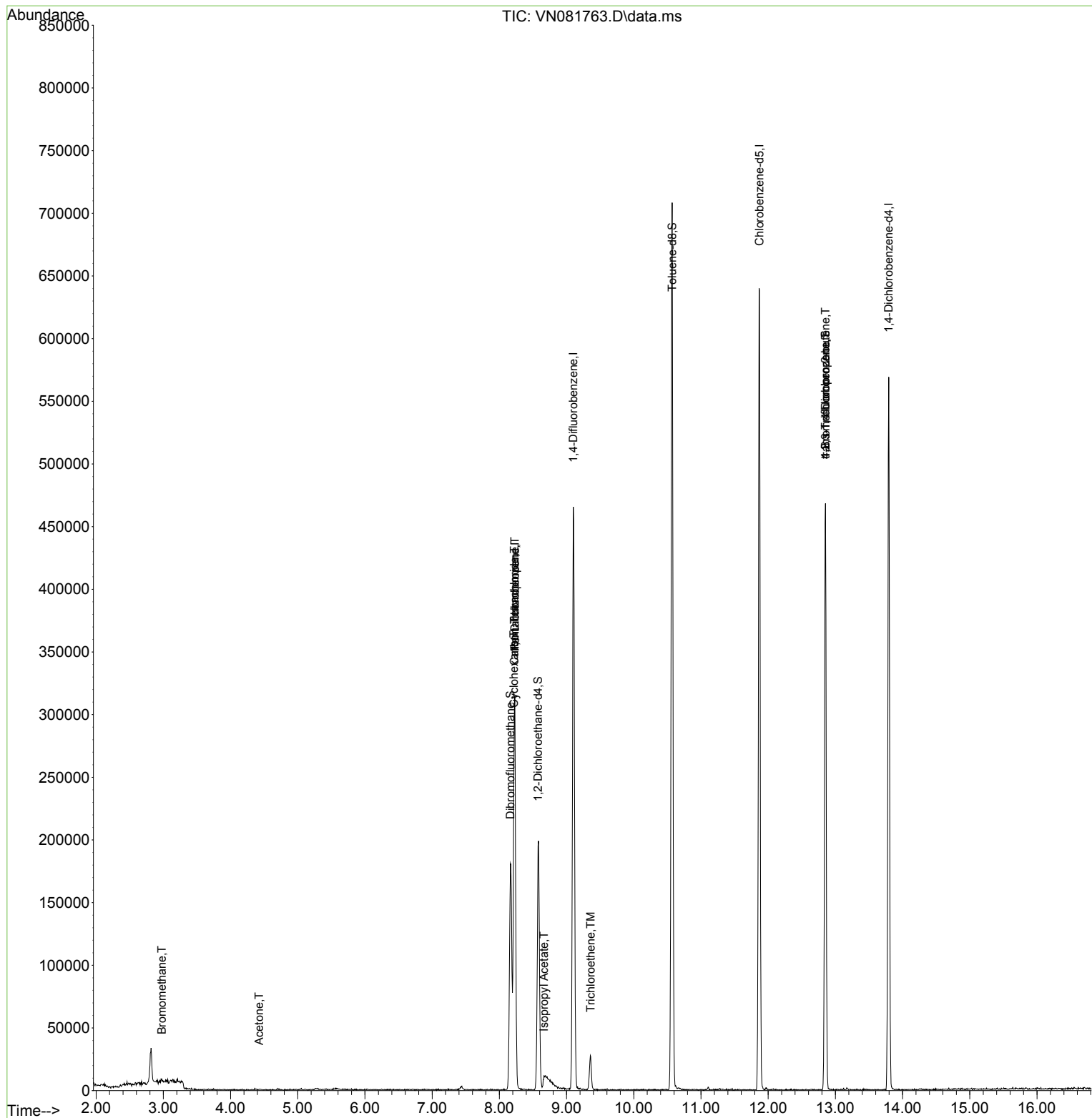
Internal Standards						
1) Pentafluorobenzene	8.230	168	220266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	401801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	365120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161218	52.014	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.020%	
35) Dibromofluoromethane	8.165	113	129851	48.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.880%	
50) Toluene-d8	10.571	98	486905	49.813	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.853	95	162201	48.560	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	649	Below Cal		93
5) Bromomethane	2.977	94	1705	0.827	ug/l	94
6) Chloroethane	3.065	64	116	Below Cal	#	44
16) Acetone	4.424	43	640	0.742	ug/l #	43
20) Methylene Chloride	5.277	84	341	Below Cal	#	39
31) Cyclohexane	8.218	56	5643	1.327	ug/l #	23
36) 1,1-Dichloropropene	8.230	75	19160	5.183	ug/l #	50
38) Carbon Tetrachloride	8.224	117	24970	5.806	ug/l #	15
43) Isopropyl Acetate	8.665	43	7227	1.275	ug/l #	52
44) Trichloroethene	9.359	130	9360	3.126	ug/l	97
76) 1,2,3-Trichloropropane	12.853	75	87297	31.840	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	87297	73.936	ug/l #	12

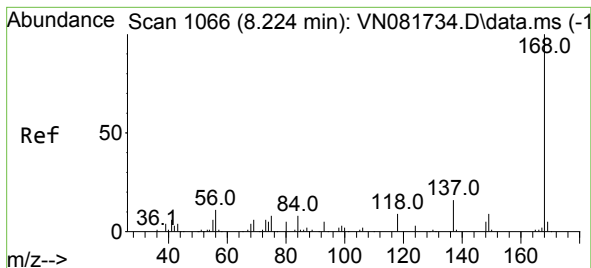
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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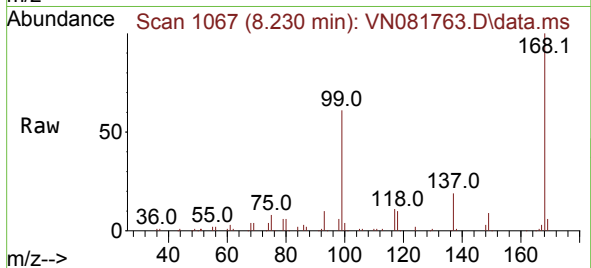
Quant Time: Apr 17 03:28:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 15:37:39 2024
Response via : Initial Calibration



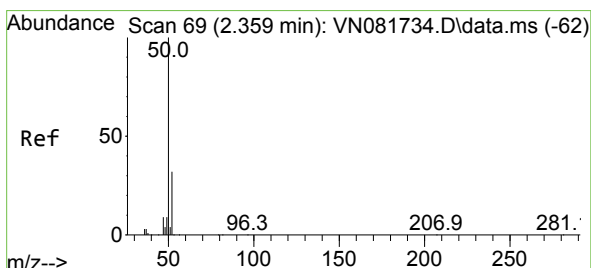
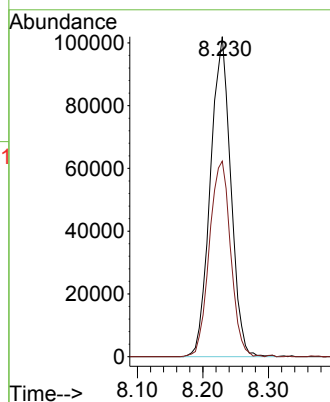
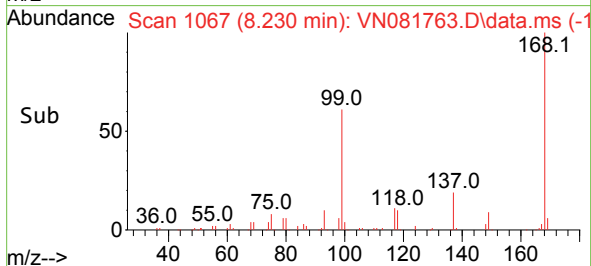


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :

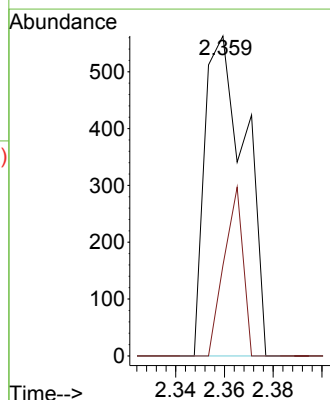
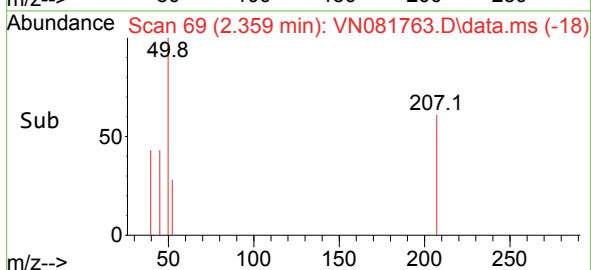
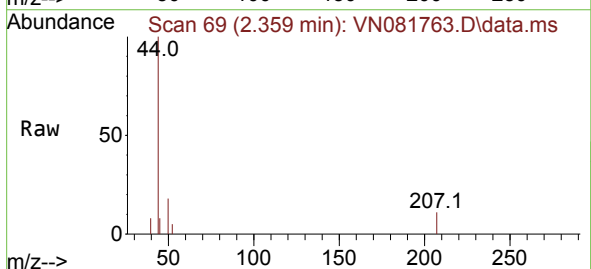


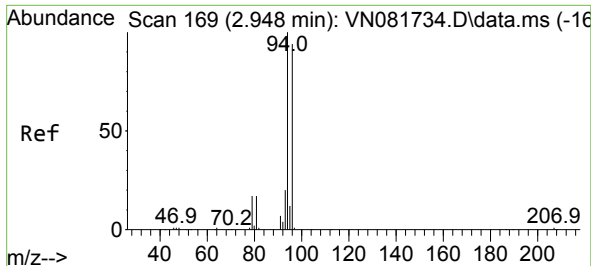
Tgt Ion:168 Resp: 220266
Ion Ratio Lower Upper
168 100
99 61.1 48.2 72.4



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

Tgt Ion: 50 Resp: 649
Ion Ratio Lower Upper
50 100
52 28.2 25.5 38.3

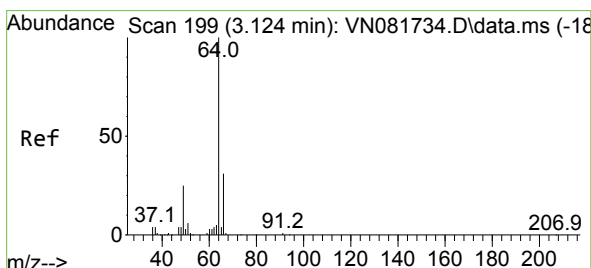
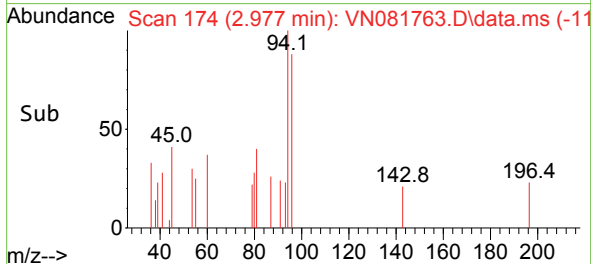
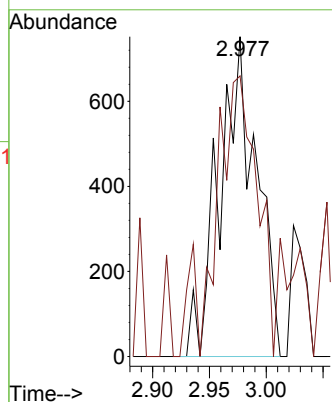
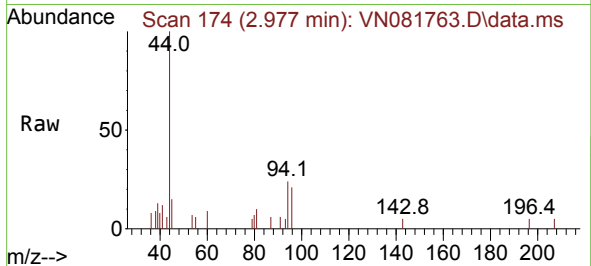




#5
Bromomethane
Concen: 0.827 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

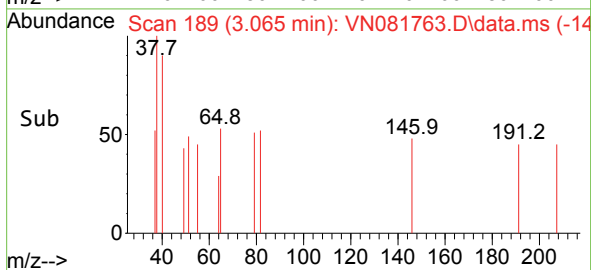
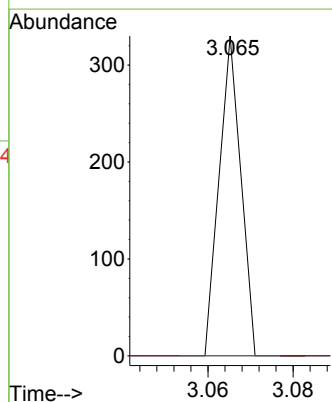
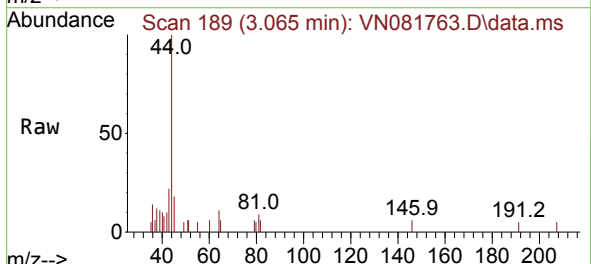
Instrument :
MSVOA_N
ClientSampleId :

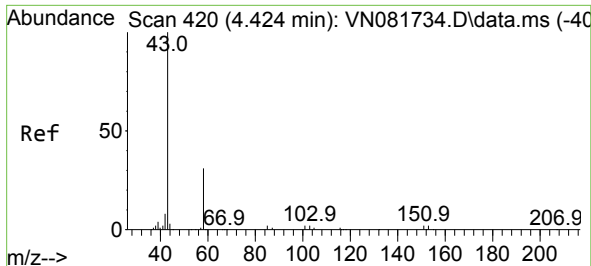
Tgt Ion: 94 Resp: 1705
Ion Ratio Lower Upper
94 100
96 87.8 74.8 112.2



#6
Chloroethane
Concen: Below Cal
RT: 3.065 min Scan# 189
Delta R.T. -0.059 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

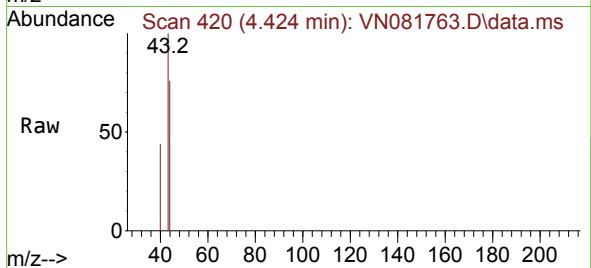
Tgt Ion: 64 Resp: 116
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



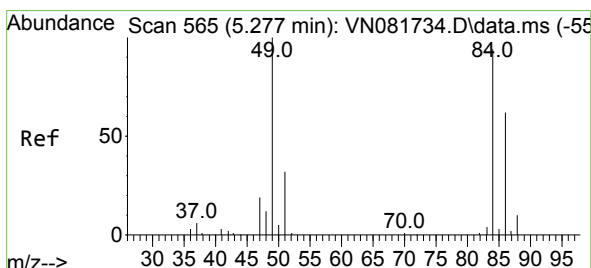
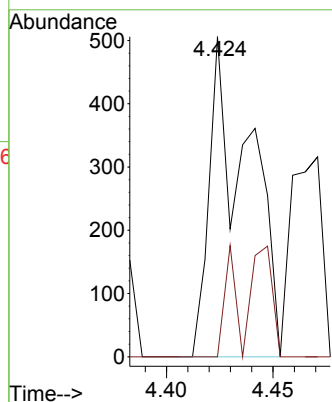
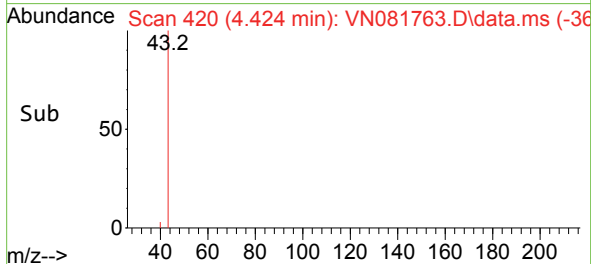


#16
Acetone
Concen: 0.742 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

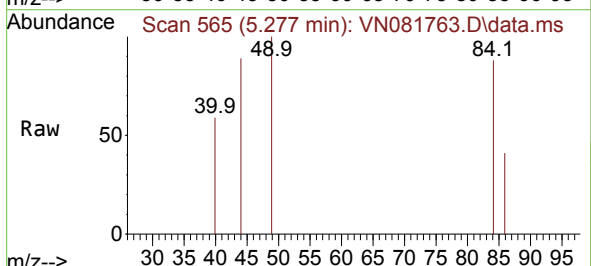
Instrument :
MSVOA_N
ClientSampleId :



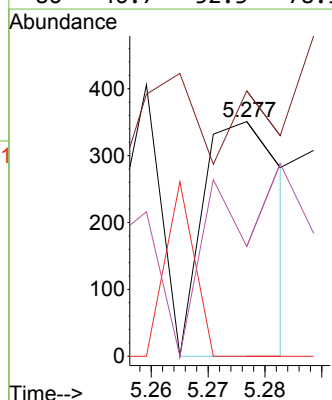
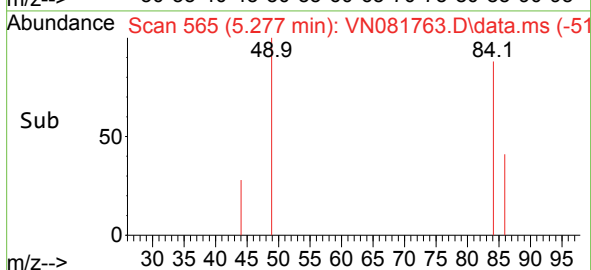
Tgt Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#

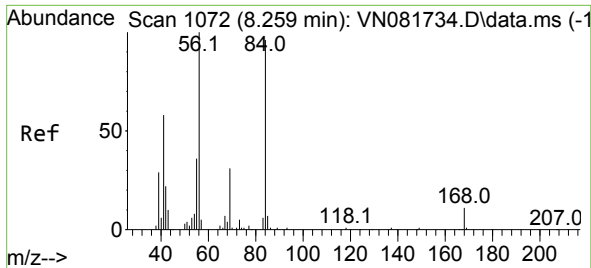


#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51



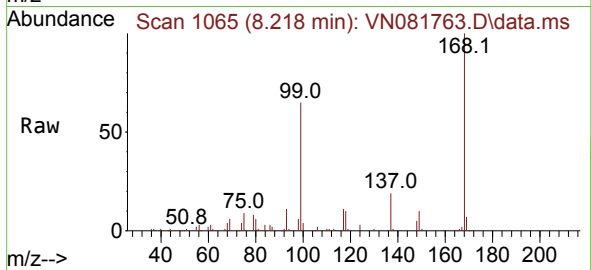
Tgt Ion: 84 Resp: 341
Ion Ratio Lower Upper
84 100
49 19.1 84.9 127.3#
51 0.0 27.0 40.6#
86 46.7 52.3 78.5#



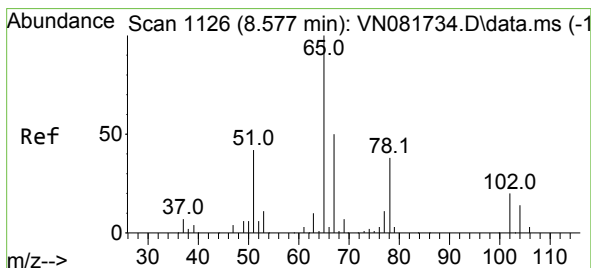
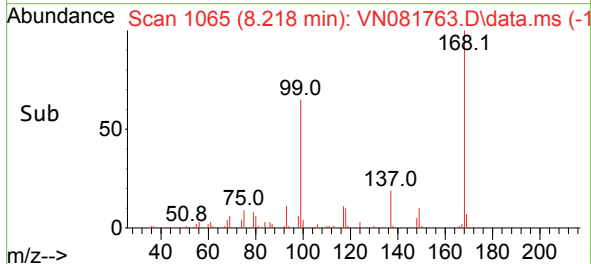
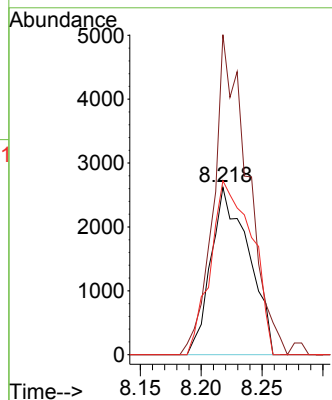


#31
Cyclohexane
Concen: 1.327 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :

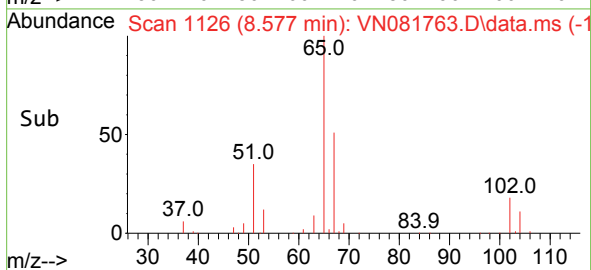
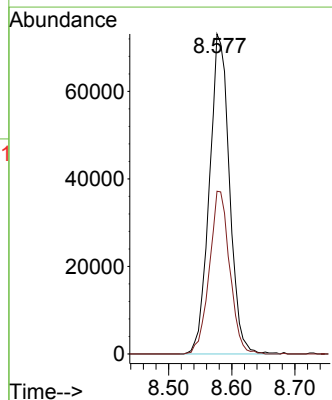
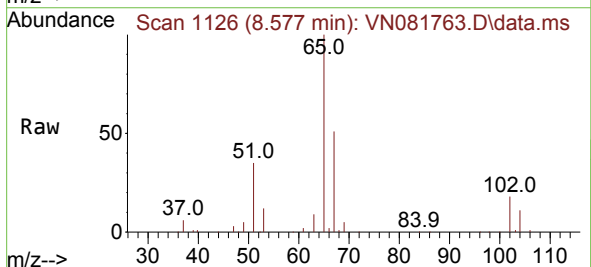


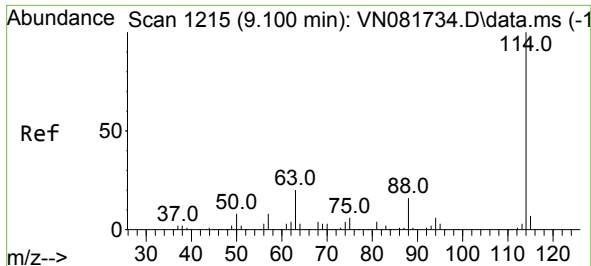
Tgt Ion: 56 Resp: 5643
Ion Ratio Lower Upper
56 100
69 191.1 24.4 36.6#
84 103.9 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 52.014 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

Tgt Ion: 65 Resp: 161218
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081763.D

Acq: 16 Apr 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

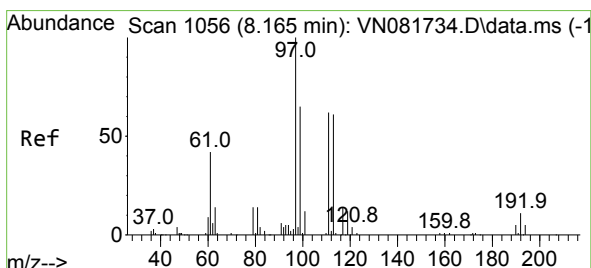
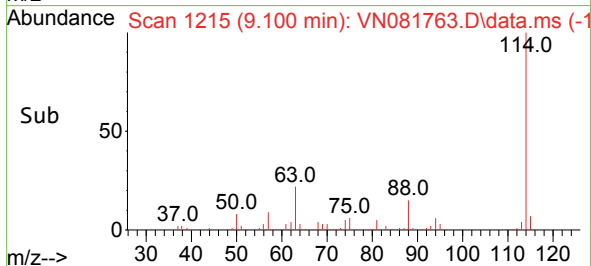
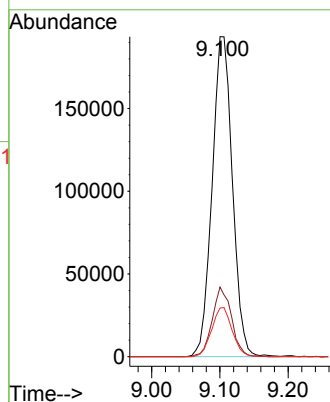
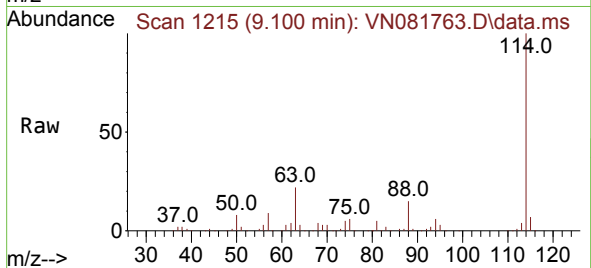
Tgt Ion:114 Resp: 401801

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.0

88 15.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.940 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081763.D

Acq: 16 Apr 2024 16:51

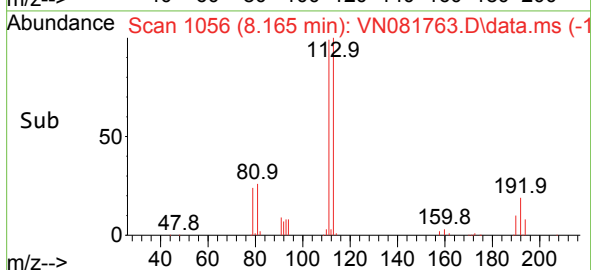
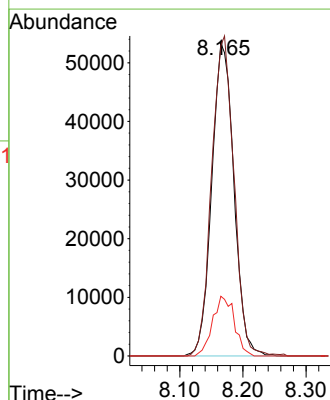
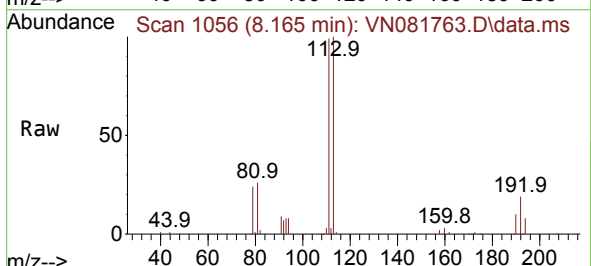
Tgt Ion:113 Resp: 129851

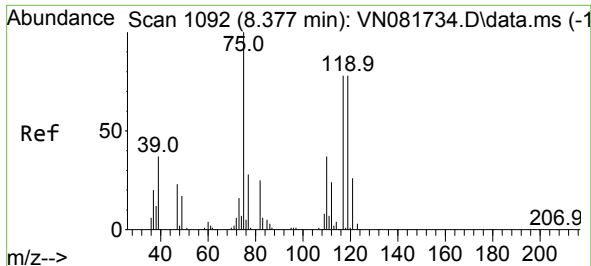
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

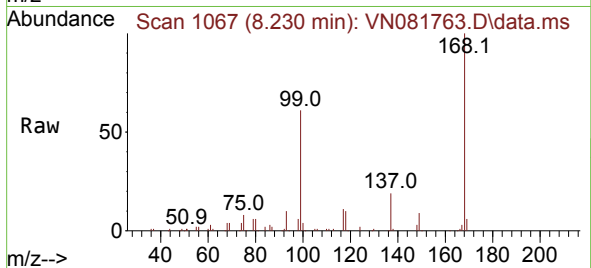
192 18.8 14.0 21.0



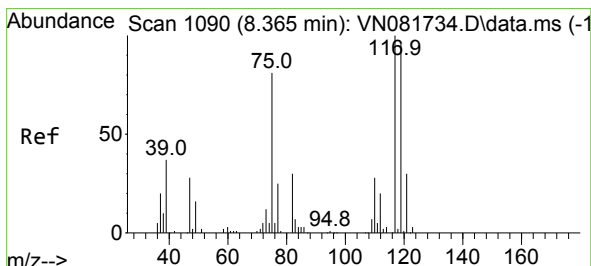
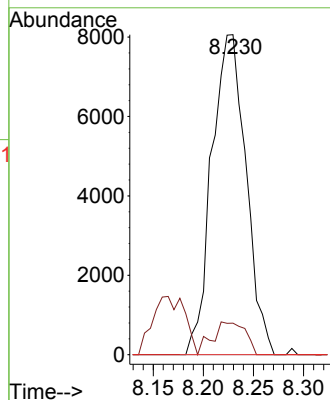
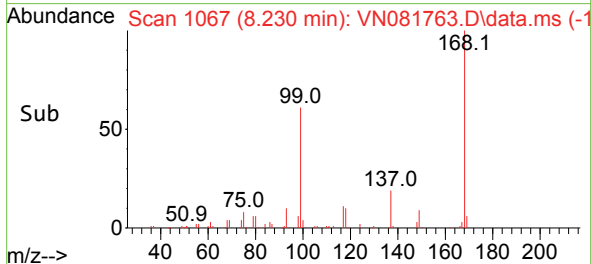


#36
1,1-Dichloropropene
Concen: 5.183 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

Instrument :
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ClientSampleId :

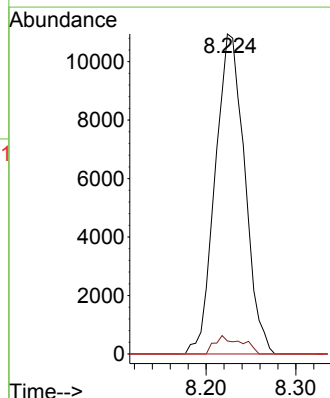
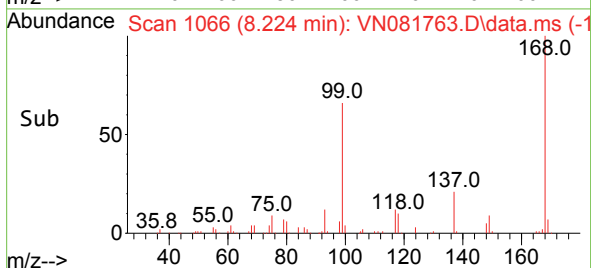
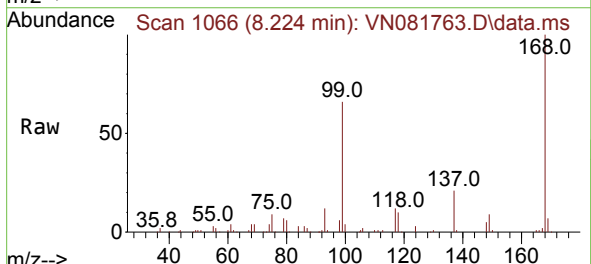


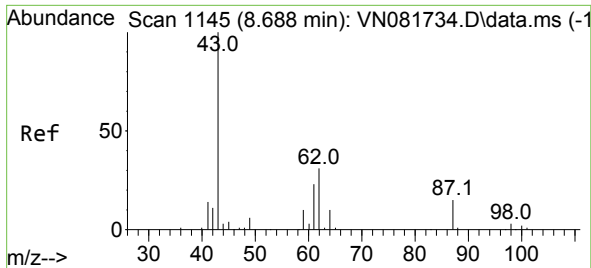
Tgt Ion: 75 Resp: 19160
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.806 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

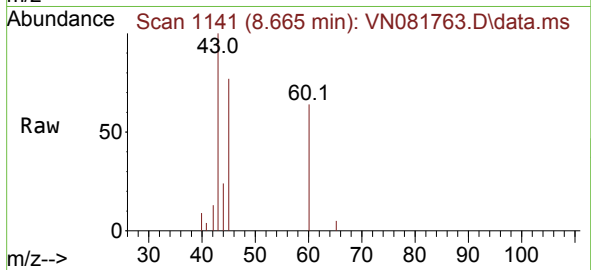
Tgt Ion: 117 Resp: 24970
Ion Ratio Lower Upper
117 100
119 4.1 76.5 114.7#
121 0.0 23.9 35.9#



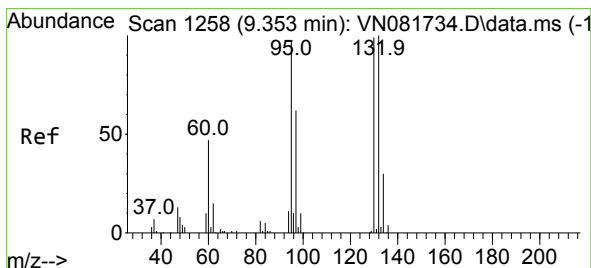
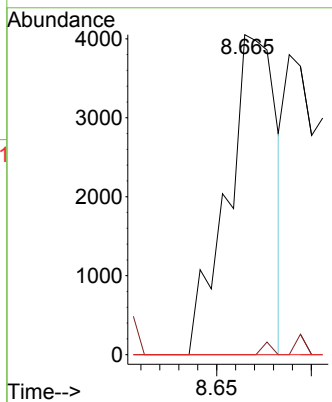
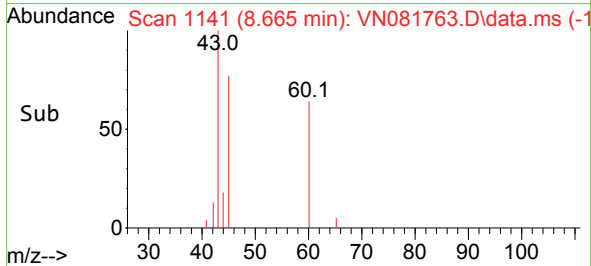


#43
Isopropyl Acetate
Concen: 1.275 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.023 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :

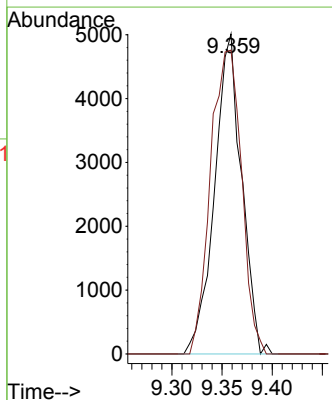
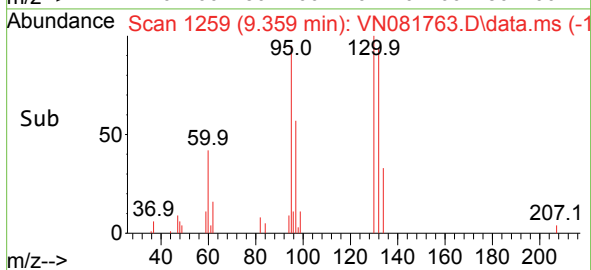
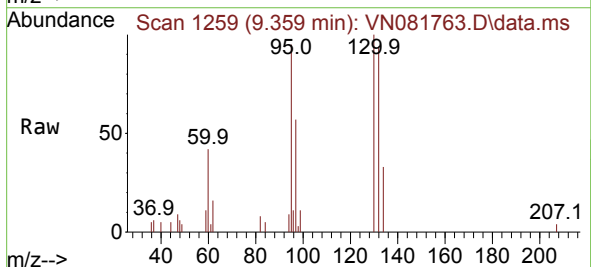


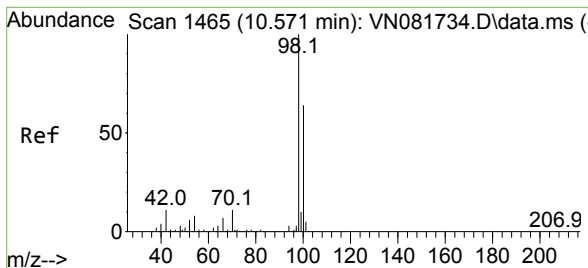
Tgt Ion: 43 Resp: 7227
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 3.126 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

Tgt Ion:130 Resp: 9360
Ion Ratio Lower Upper
130 100
95 94.9 0.0 195.4

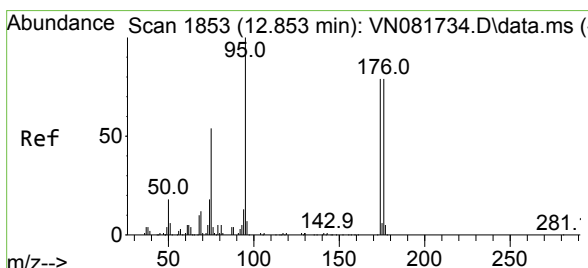
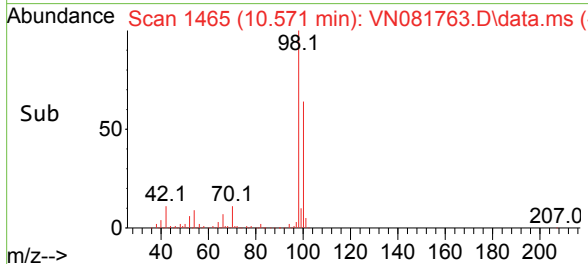
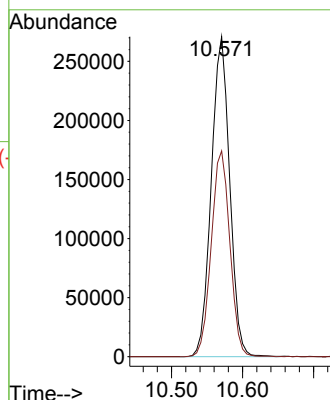
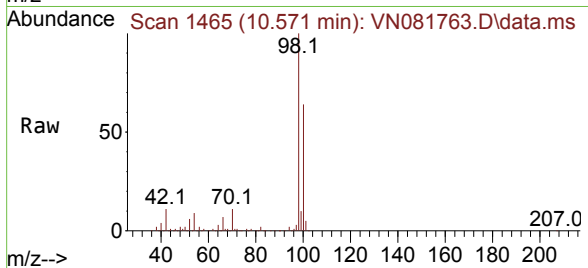




#50
Toluene-d8
Concen: 49.813 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

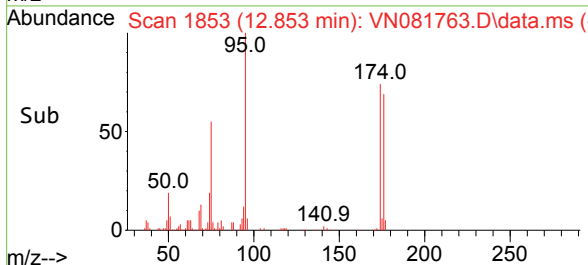
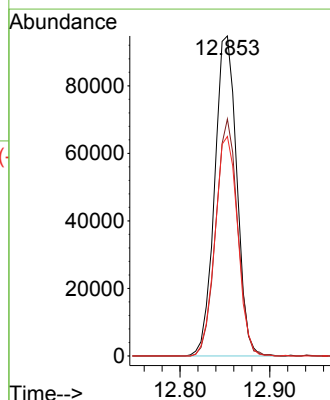
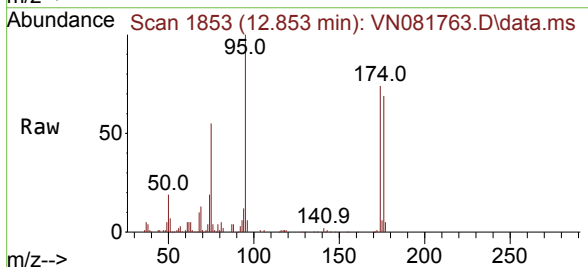
Instrument :
MSVOA_N
ClientSampleId :

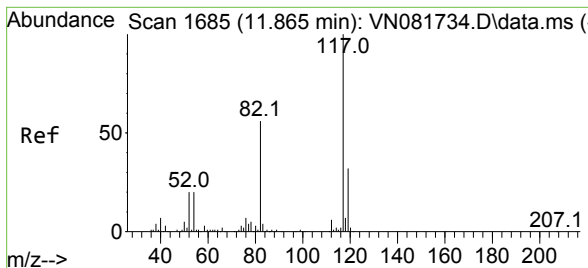
Tgt Ion: 98 Resp: 486905
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.560 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

Tgt Ion: 95 Resp: 162201
Ion Ratio Lower Upper
95 100
174 72.9 0.0 160.6
176 70.5 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN081763.D

Acq: 16 Apr 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

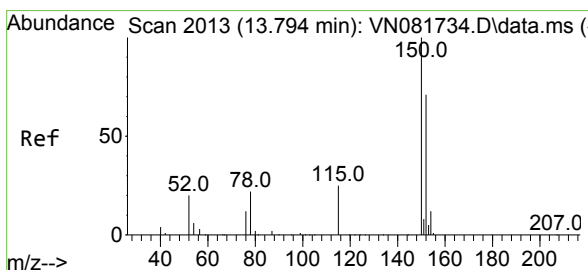
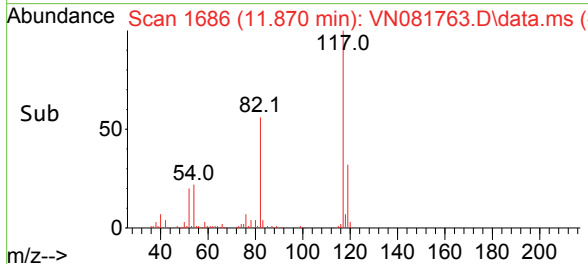
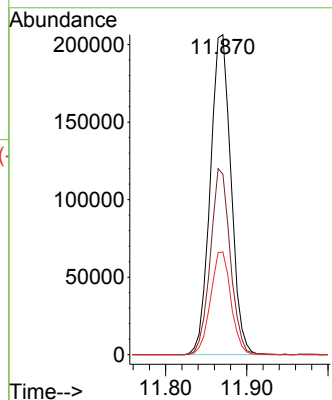
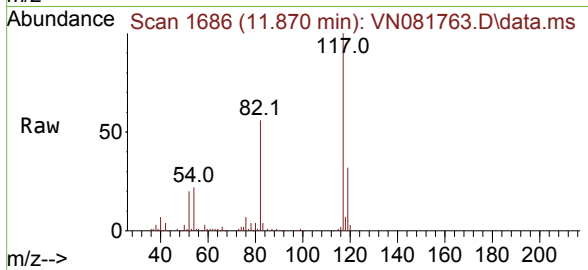
Tgt Ion:117 Resp: 365120

Ion Ratio Lower Upper

117 100

82 56.4 44.6 66.8

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081763.D

Acq: 16 Apr 2024 16:51

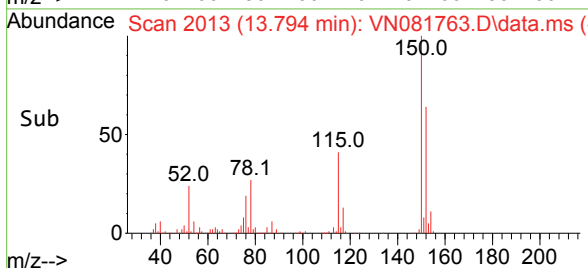
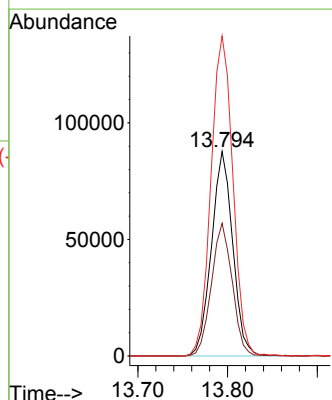
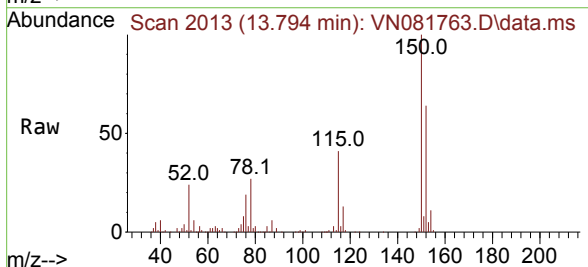
Tgt Ion:152 Resp: 144470

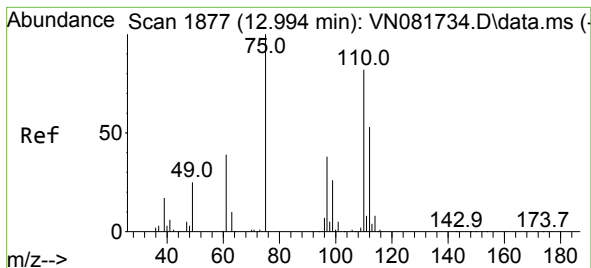
Ion Ratio Lower Upper

152 100

115 63.4 30.4 91.3

150 160.8 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 31.840 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

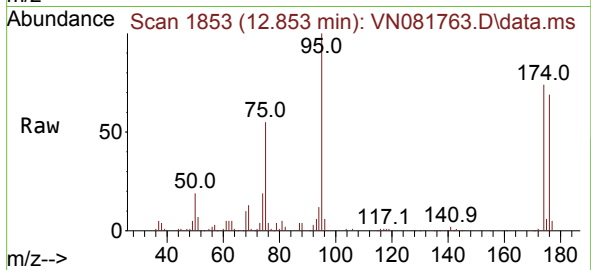
Lab File: VN081763.D

Acq: 16 Apr 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

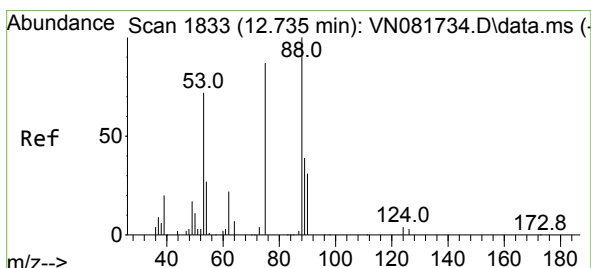
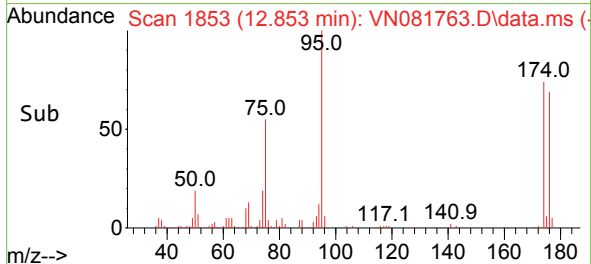
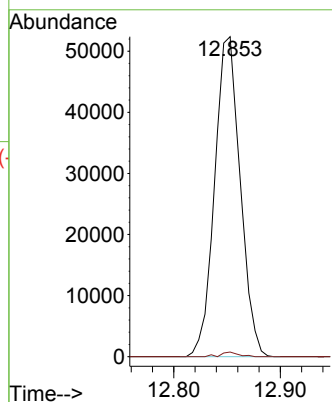


Tgt Ion: 75 Resp: 87297

Ion Ratio Lower Upper

75 100

77 1.0 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.936 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN081763.D

Acq: 16 Apr 2024 16:51

Tgt Ion: 75 Resp: 87297

Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.0 39.1 58.7#

