

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081788.D
 Acq On : 18 Apr 2024 15:30
 Operator : JC\MD
 Sample : P2121-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:24:54 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)

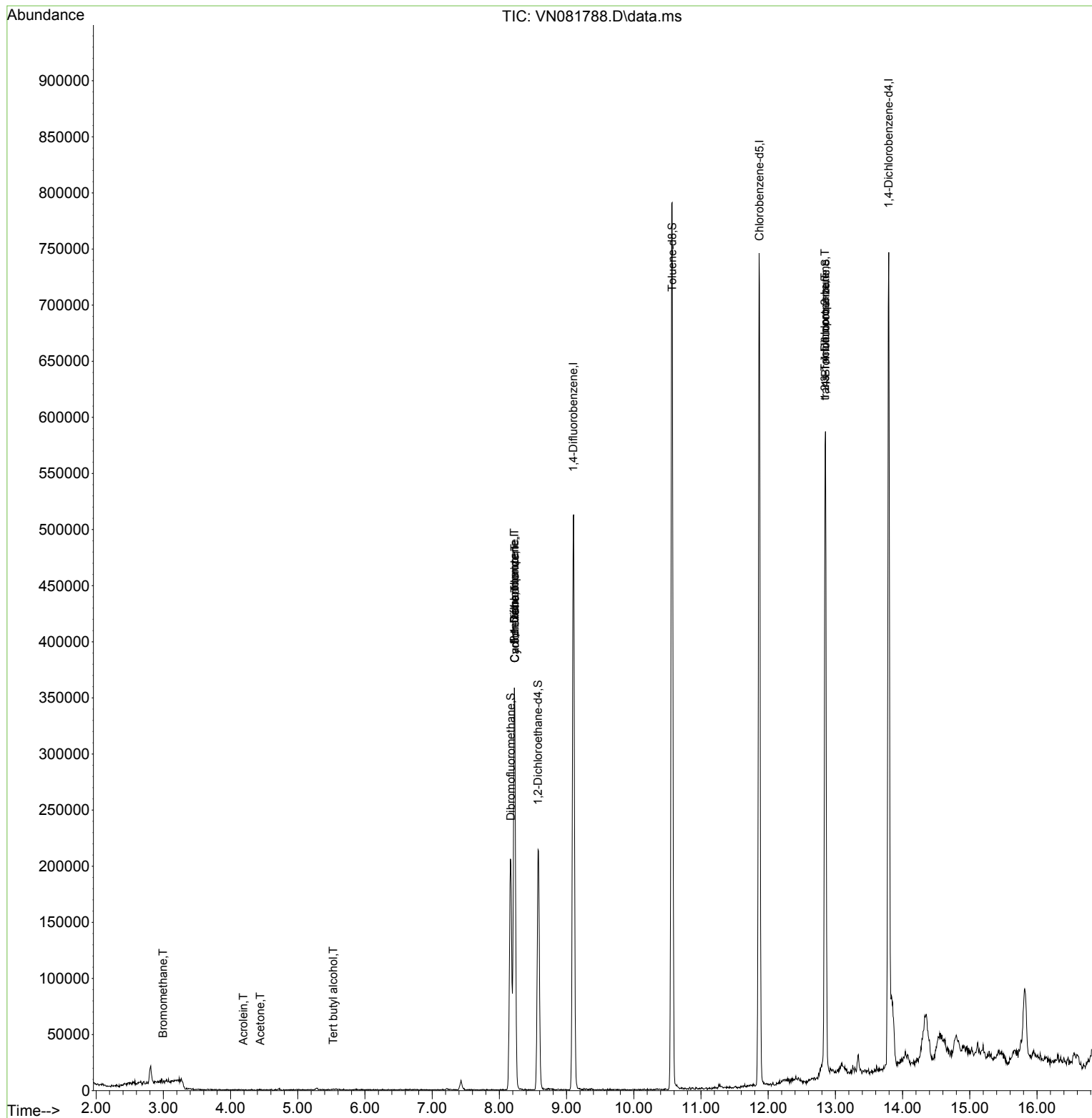
Internal Standards						
1) Pentafluorobenzene	8.224	168	253580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	449857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	423909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	179196	50.219	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.440%	
35) Dibromofluoromethane	8.171	113	147263	49.573	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.140%	
50) Toluene-d8	10.570	98	557654	50.957	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.853	95	201587	53.904	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 107.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	479	Below Cal	#	43
5) Bromomethane	2.995	94	1129	0.475	ug/l #	46
6) Chloroethane	3.118	64	190	Below Cal	#	38
11) Tert butyl alcohol	5.530	59	128	0.263	ug/l #	71
13) Acrolein	4.189	56	155	0.300	ug/l #	15
16) Acetone	4.441	43	686	0.691	ug/l #	43
20) Methylene Chloride	5.289	84	869	Below Cal	#	42
31) Cyclohexane	8.229	56	6376	1.303	ug/l #	5
36) 1,1-Dichloropropene	8.224	75	22563	5.452	ug/l #	48
38) Carbon Tetrachloride	8.229	117	24962	5.184	ug/l #	15
76) 1,2,3-Trichloropropane	12.847	75	110046	30.390	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	110046	70.945	ug/l #	13

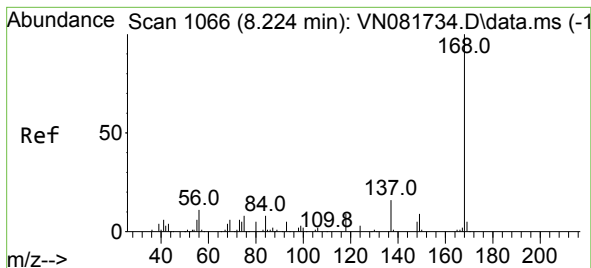
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
Data File : VN081788.D
Acq On : 18 Apr 2024 15:30
Operator : JC\MD
Sample : P2121-03 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 19 01:24:54 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: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081788.D

Acq: 18 Apr 2024 15:30

Instrument :

MSVOA_N

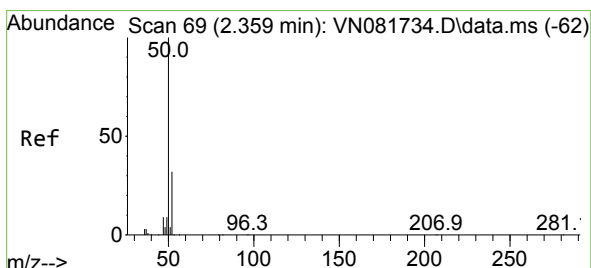
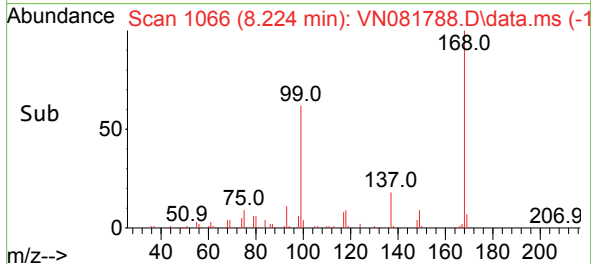
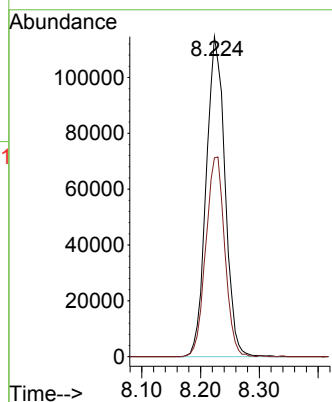
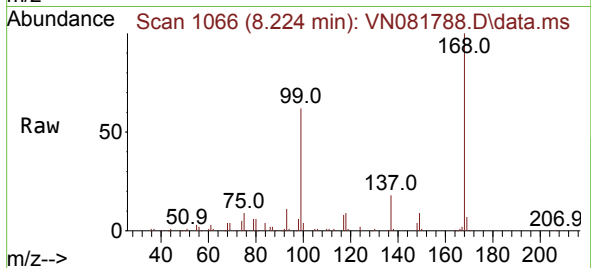
ClientSampleId :

Tgt Ion:168 Resp: 253580

Ion Ratio Lower Upper

168 100

99 62.2 48.2 72.4



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081788.D

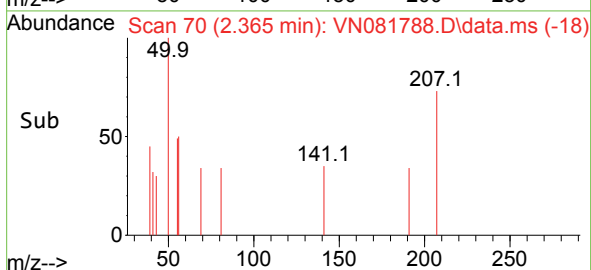
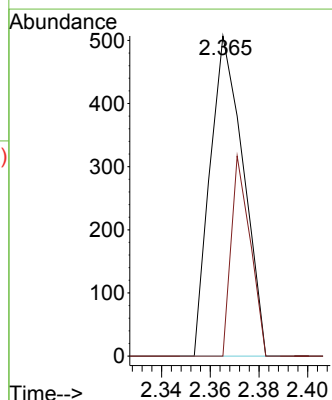
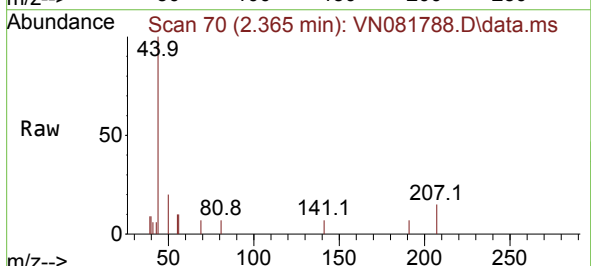
Acq: 18 Apr 2024 15:30

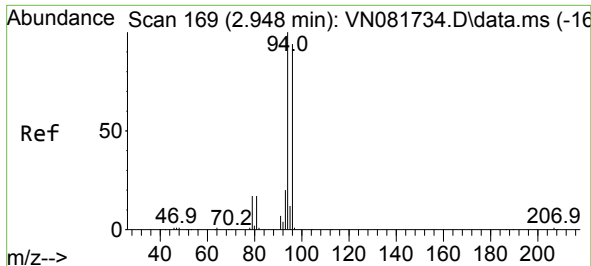
Tgt Ion: 50 Resp: 479

Ion Ratio Lower Upper

50 100

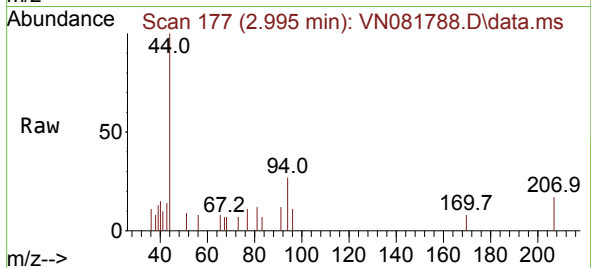
52 0.0 25.5 38.3#



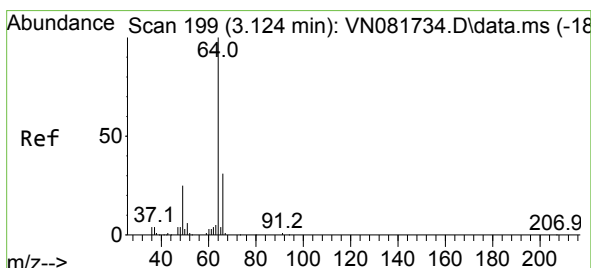
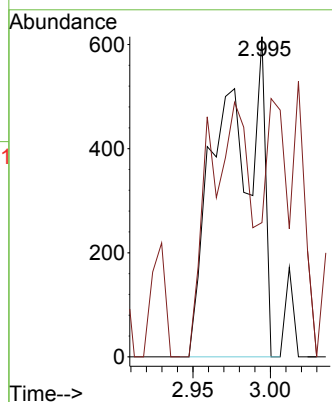
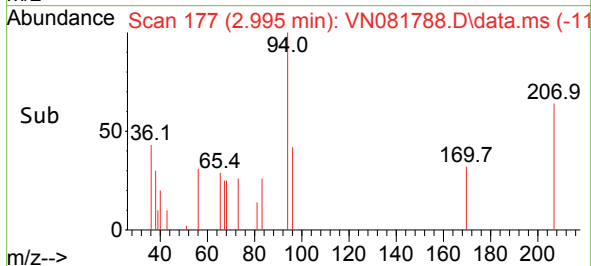


#5
Bromomethane
Concen: 0.475 ug/l
RT: 2.995 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN081788.D
Acq: 18 Apr 2024 15:30

Instrument :
MSVOA_N
ClientSampleId :

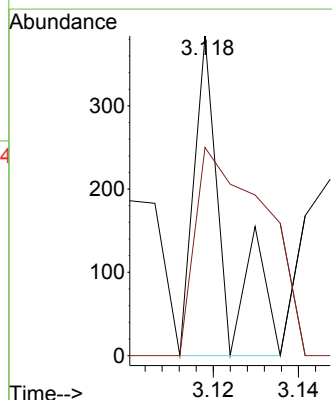
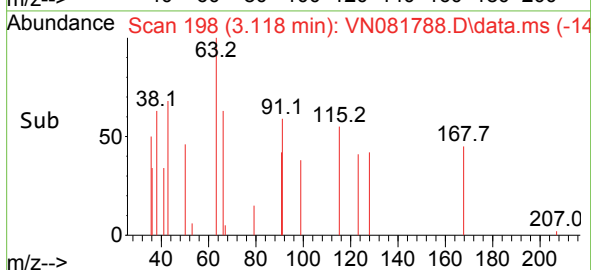
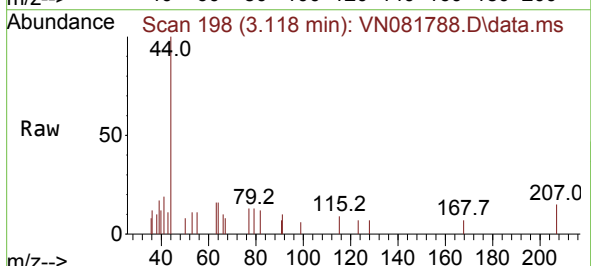


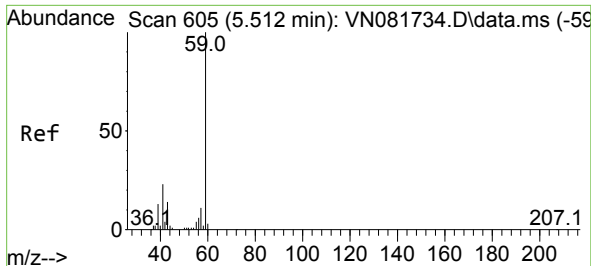
Tgt Ion: 94 Resp: 1129
Ion Ratio Lower Upper
94 100
96 42.0 74.8 112.2#



#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081788.D
Acq: 18 Apr 2024 15:30

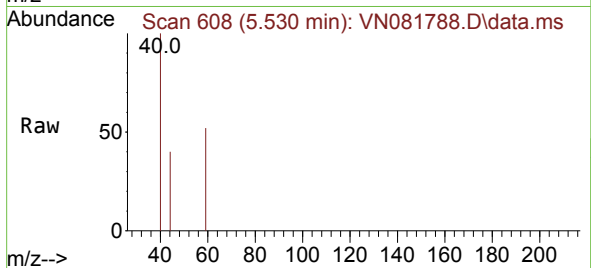
Tgt Ion: 64 Resp: 190
Ion Ratio Lower Upper
64 100
66 65.1 24.7 37.1#



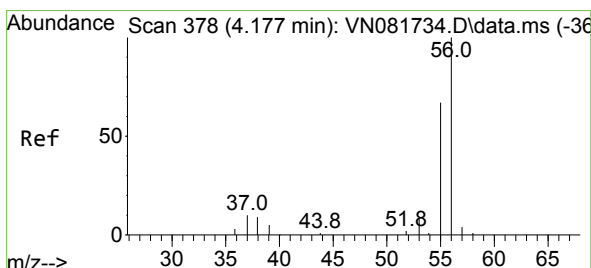
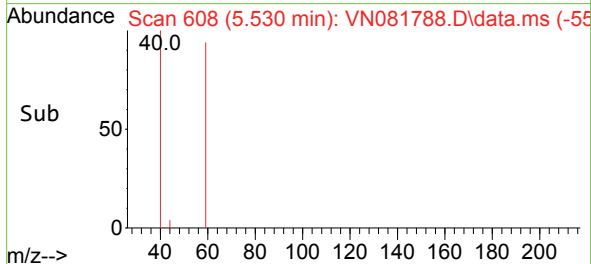
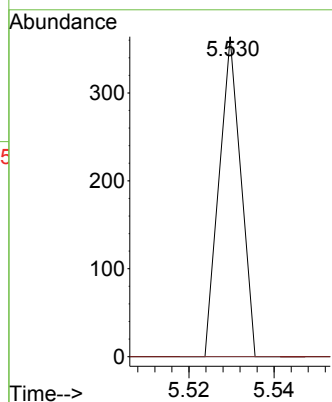


#11
Tert butyl alcohol
Concen: 0.263 ug/l
RT: 5.530 min Scan# 605
Delta R.T. 0.018 min
Lab File: VN081788.D
Acq: 18 Apr 2024 15:30

Instrument :
MSVOA_N
ClientSampleId :

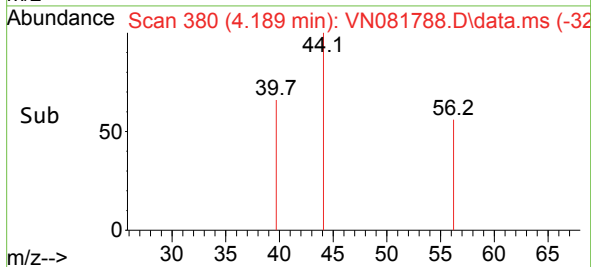
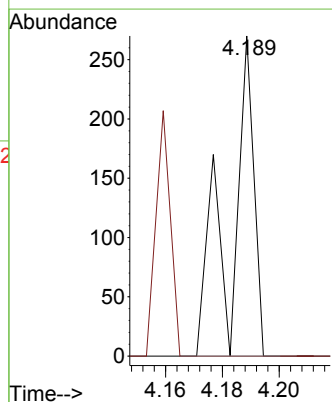
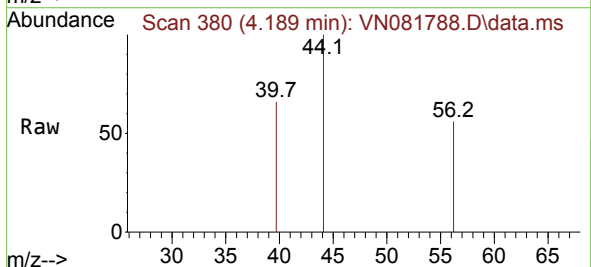


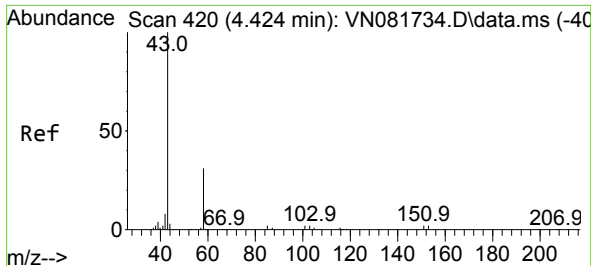
Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 0.300 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN081788.D
Acq: 18 Apr 2024 15:30

Tgt Ion: 56 Resp: 155
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

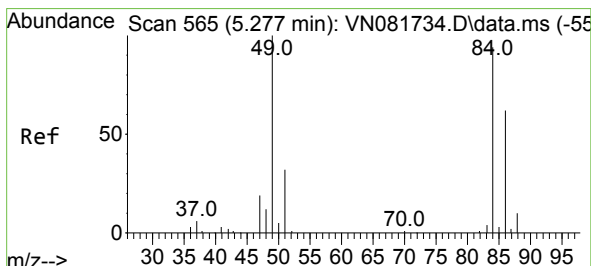
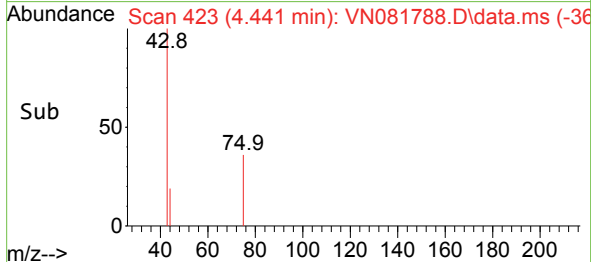
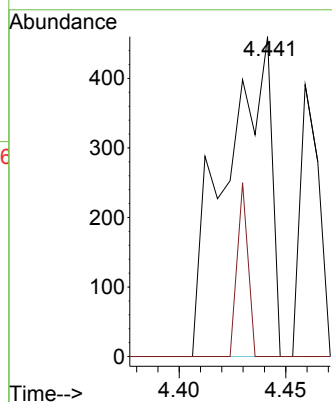
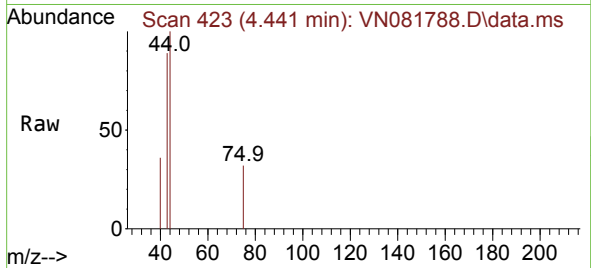




#16
Acetone
Concen: 0.691 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN081788.D
Acq: 18 Apr 2024 15:30

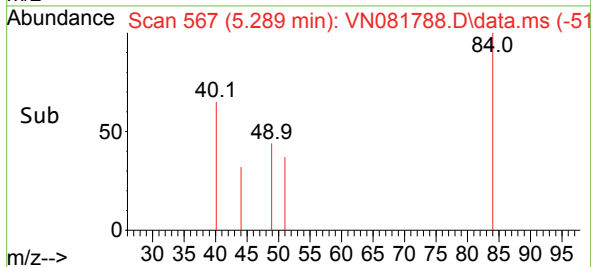
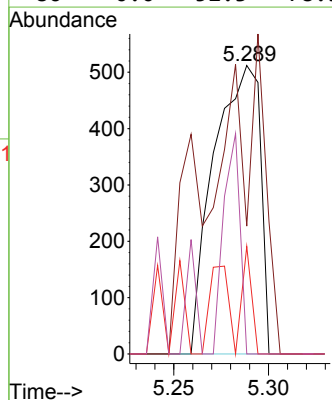
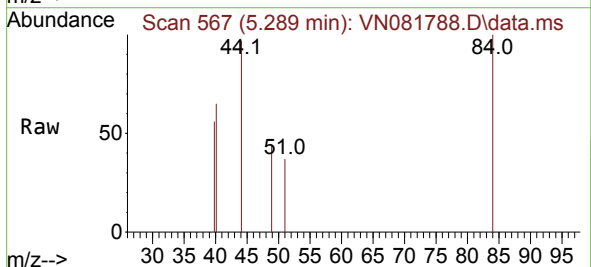
Instrument :
MSVOA_N
ClientSampleId :

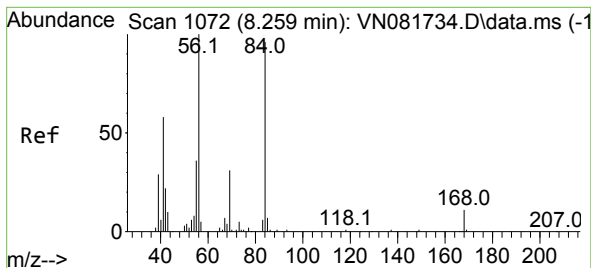
Tgt Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.011 min
Lab File: VN081788.D
Acq: 18 Apr 2024 15:30

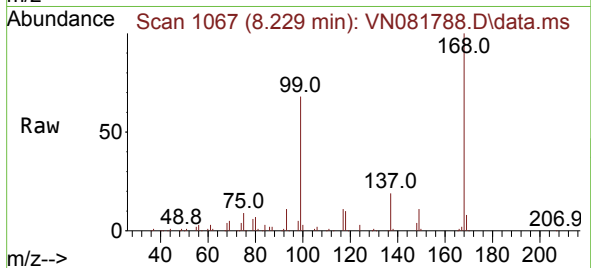
Tgt Ion: 84 Resp: 869
Ion Ratio Lower Upper
84 100
49 44.3 84.9 127.3#
51 37.3 27.0 40.6
86 0.0 52.3 78.5#



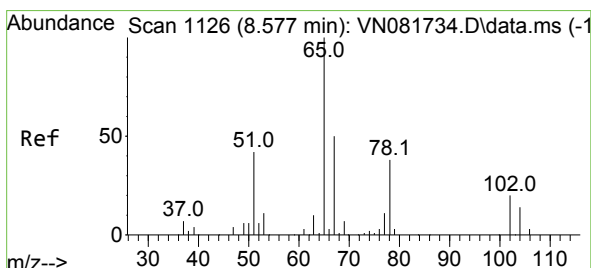
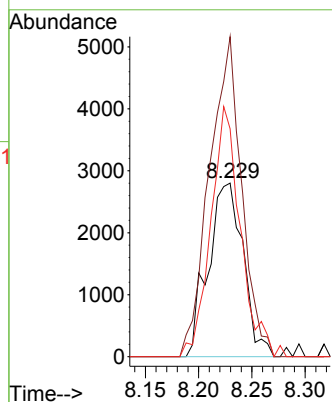
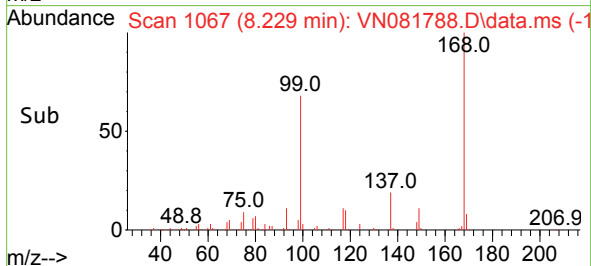


#31
Cyclohexane
Concen: 1.303 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN081788.D
Acq: 18 Apr 2024 15:30

Instrument :
MSVOA_N
ClientSampleId :

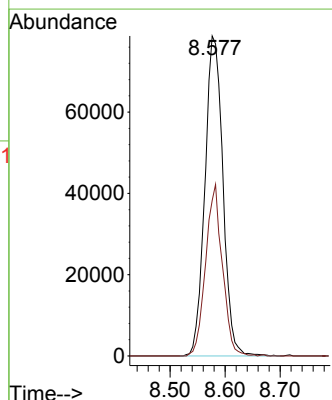
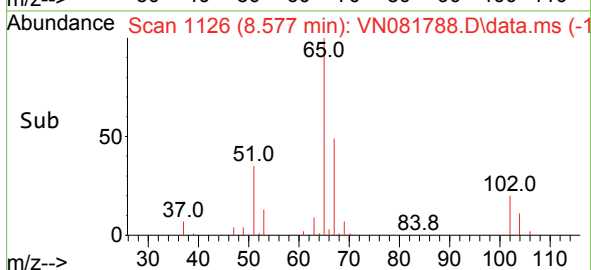
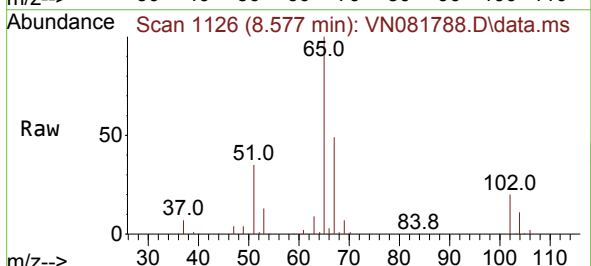


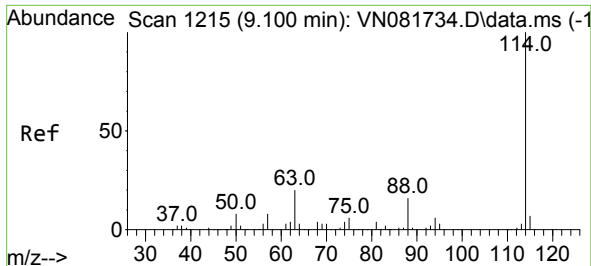
Tgt Ion: 56 Resp: 6376
Ion Ratio Lower Upper
56 100
69 184.4 24.4 36.6#
84 131.3 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 50.219 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081788.D
Acq: 18 Apr 2024 15:30

Tgt Ion: 65 Resp: 179196
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081788.D

Acq: 18 Apr 2024 15:30

Instrument :

MSVOA_N

ClientSampleId :

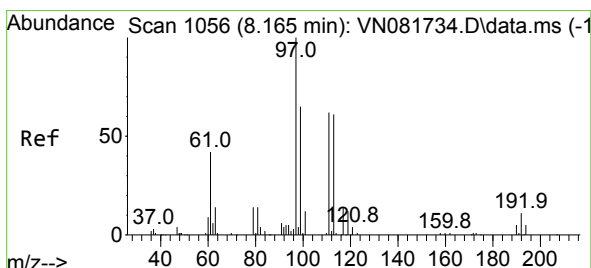
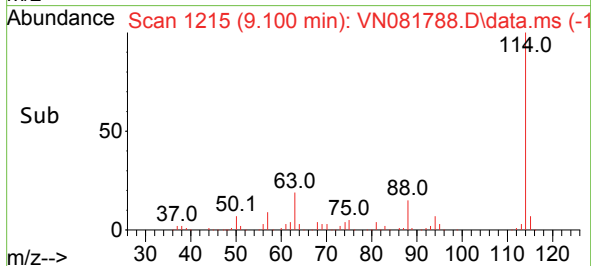
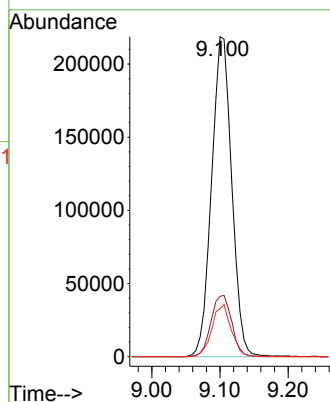
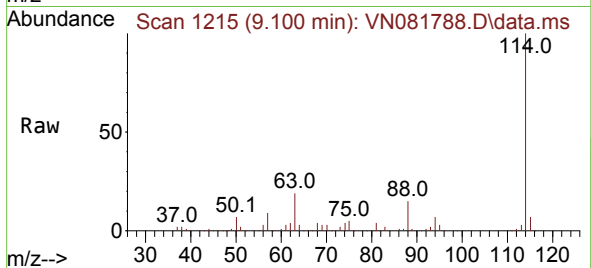
Tgt Ion:114 Resp: 449857

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.0

88 15.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.573 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081788.D

Acq: 18 Apr 2024 15:30

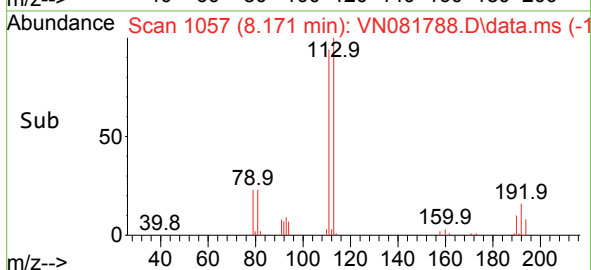
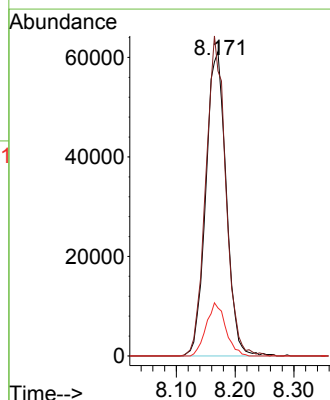
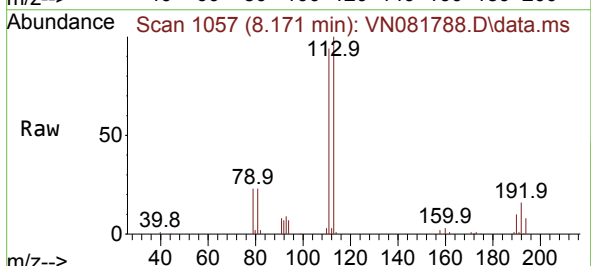
Tgt Ion:113 Resp: 147263

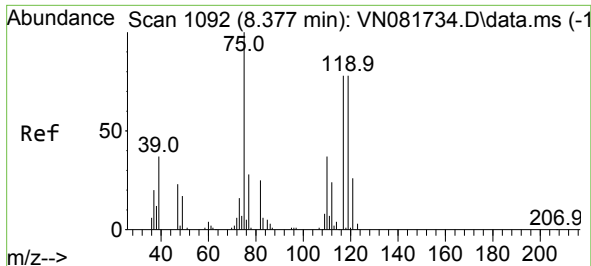
Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

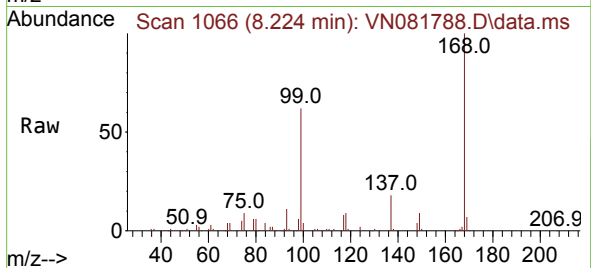
192 16.7 14.0 21.0



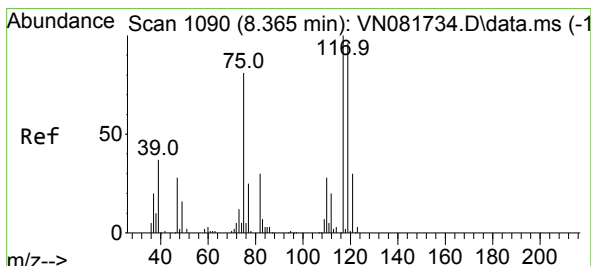
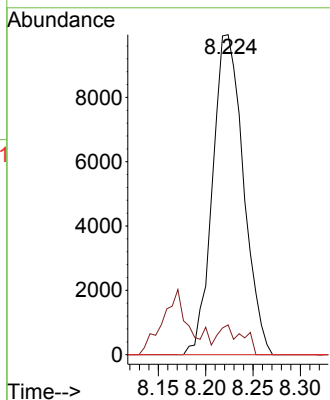
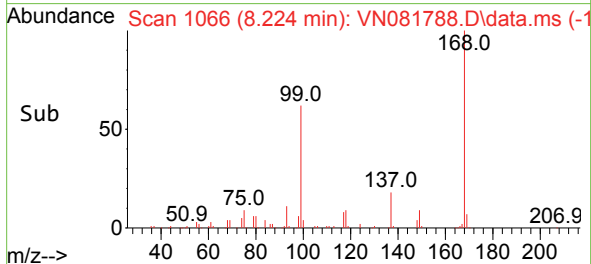


#36
 1,1-Dichloropropene
 Concen: 5.452 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.153 min
 Lab File: VN081788.D
 Acq: 18 Apr 2024 15:30

Instrument :
 MSVOA_N
 ClientSampleId :

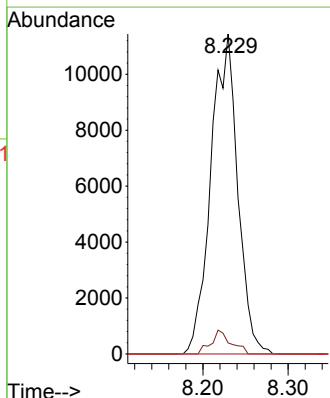
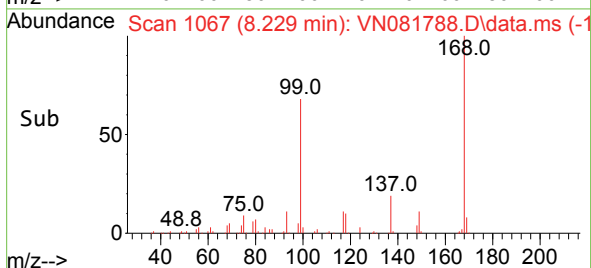
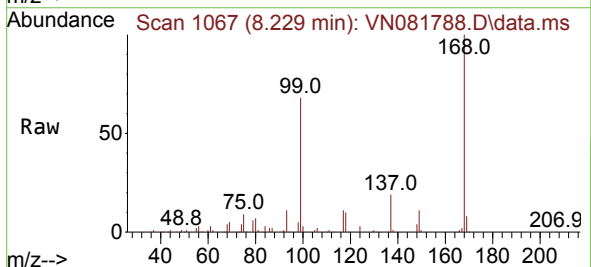


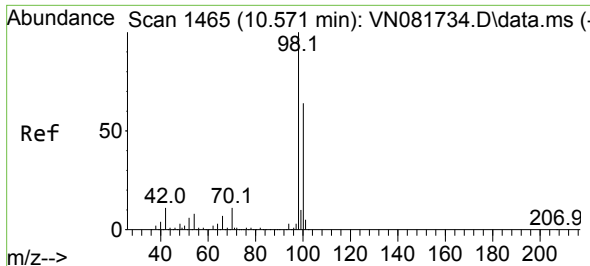
Tgt Ion: 75 Resp: 22563
 Ion Ratio Lower Upper
 75 100
 110 7.4 17.8 53.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.184 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.136 min
 Lab File: VN081788.D
 Acq: 18 Apr 2024 15:30

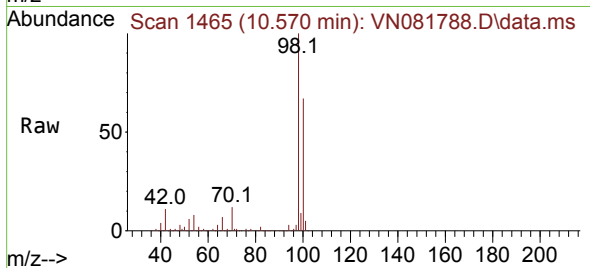
Tgt Ion: 117 Resp: 24962
 Ion Ratio Lower Upper
 117 100
 119 3.5 76.5 114.7#
 121 0.0 23.9 35.9#



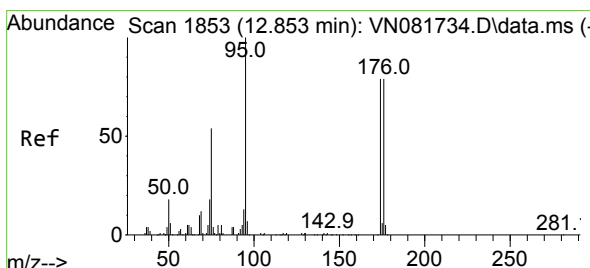
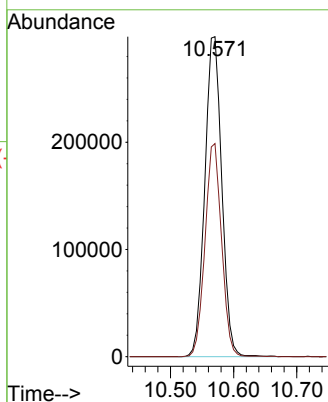
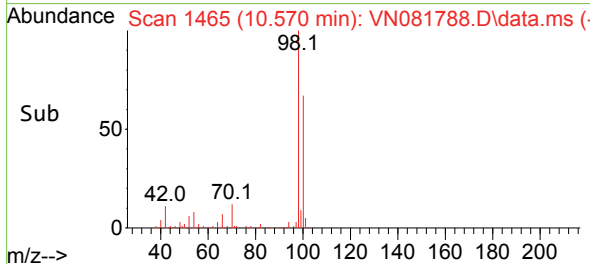


#50
Toluene-d8
Concen: 50.957 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN081788.D
Acq: 18 Apr 2024 15:30

Instrument :
MSVOA_N
ClientSampleId :

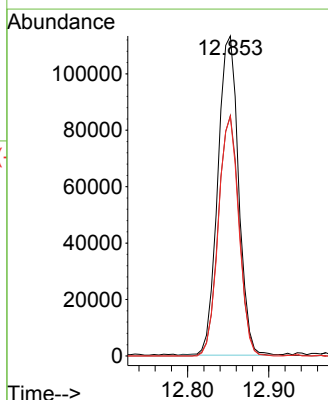
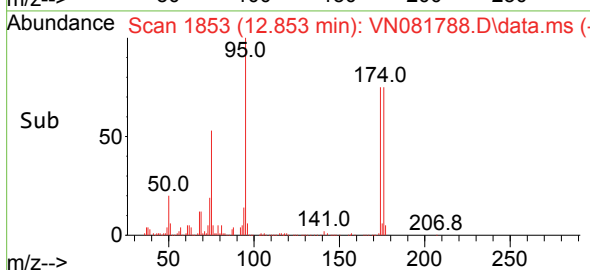
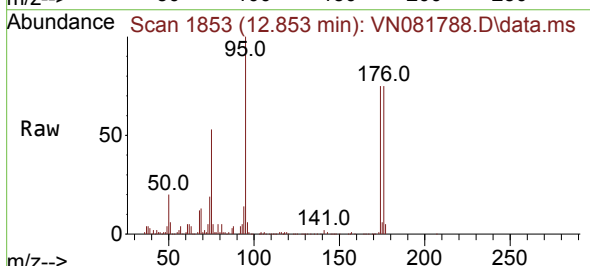


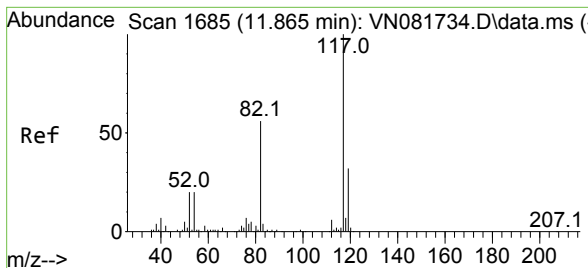
Tgt Ion: 98 Resp: 557654
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.904 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081788.D
Acq: 18 Apr 2024 15:30

Tgt Ion: 95 Resp: 201587
Ion Ratio Lower Upper
95 100
174 75.3 0.0 160.6
176 73.5 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

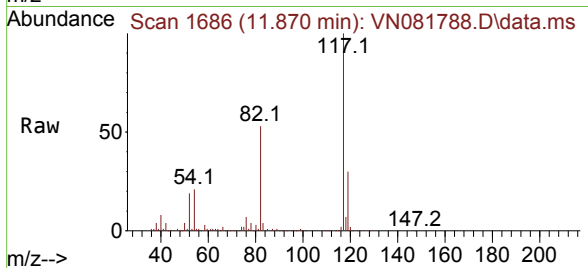
Lab File: VN081788.D

Acq: 18 Apr 2024 15:30

Instrument :

MSVOA_N

ClientSampleId :



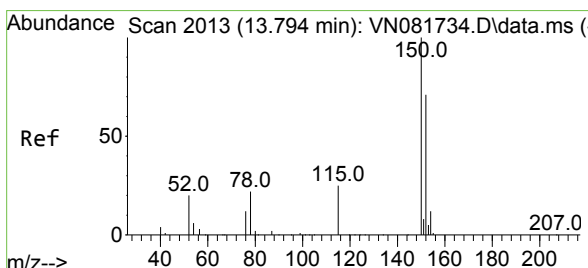
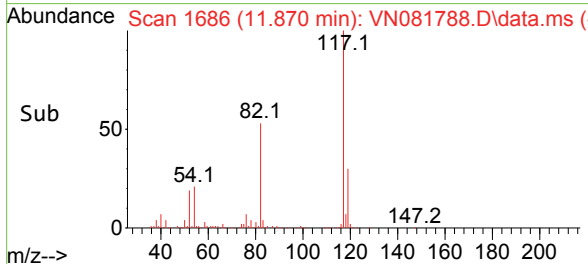
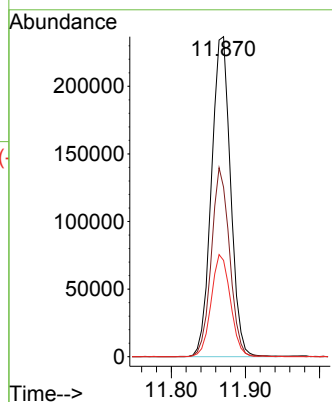
Tgt Ion:117 Resp: 423909

Ion Ratio Lower Upper

117 100

82 52.8 44.6 66.8

119 30.1 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: VN081788.D

Acq: 18 Apr 2024 15:30

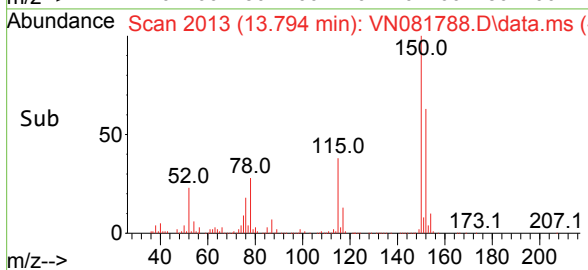
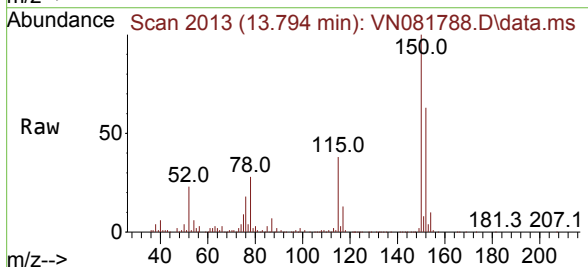
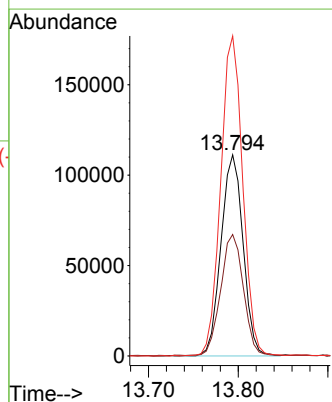
Tgt Ion:152 Resp: 189797

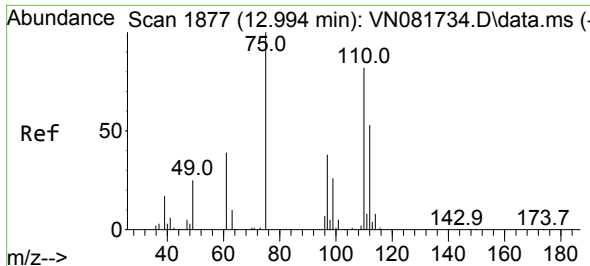
Ion Ratio Lower Upper

152 100

115 61.8 30.4 91.3

150 158.6 0.0 353.2

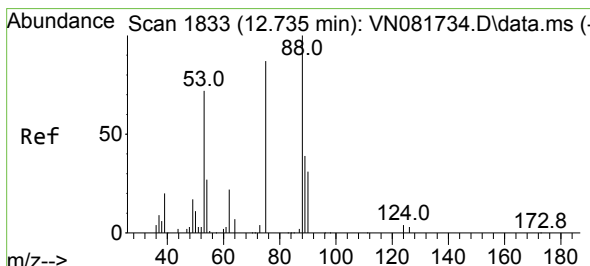
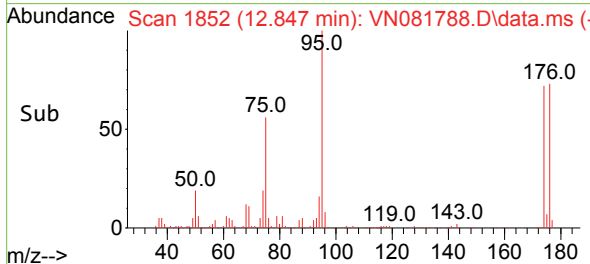
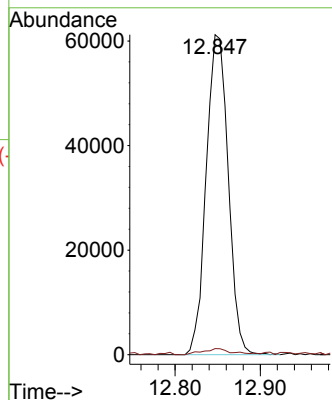
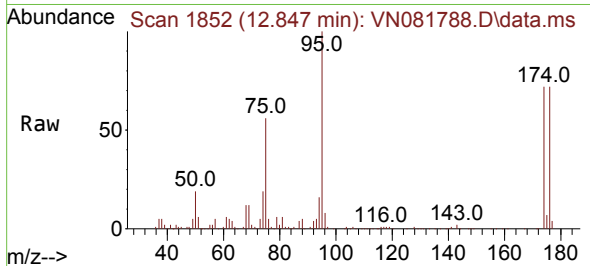




#76
1,2,3-Trichloropropane
Concen: 30.390 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081788.D
Acq: 18 Apr 2024 15:30

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 110046
Ion Ratio Lower Upper
75 100
77 2.4 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.945 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN081788.D
Acq: 18 Apr 2024 15:30

Tgt Ion: 75 Resp: 110046
Ion Ratio Lower Upper
75 100
53 0.3 72.9 109.3#
89 0.2 39.1 58.7#

