

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080192.D
 Acq On : 18 Nov 2023 17:43
 Operator : JC\MD
 Sample : 05490-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 01:28:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

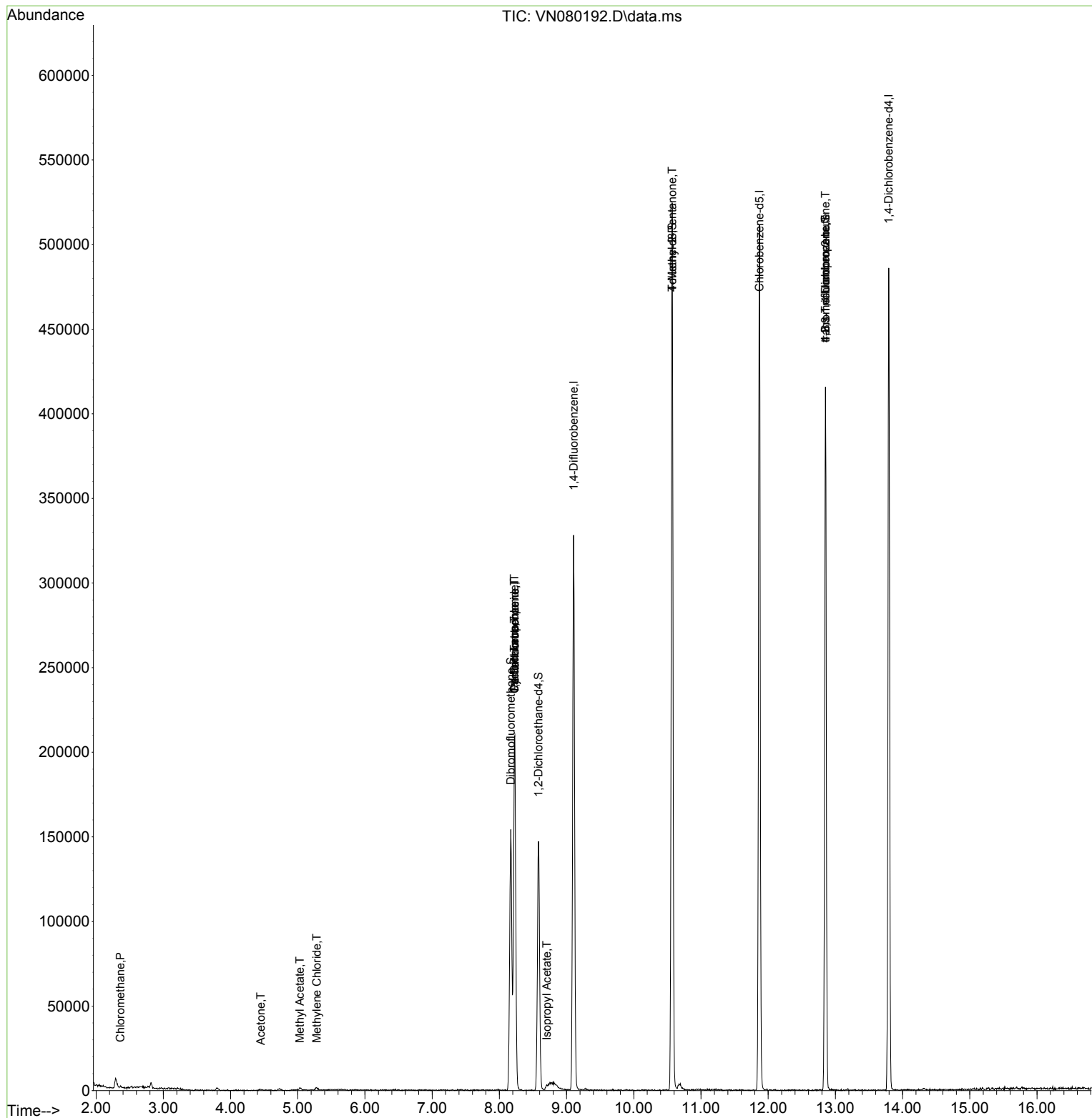
Internal Standards						
1) Pentafluorobenzene	8.230	168	143922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	265951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	284491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135129	56.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.720%
35) Dibromofluoromethane	8.171	113	102467	52.216	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.440%
50) Toluene-d8	10.571	98	354697	50.141	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.853	95	139514	52.214	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.420%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	506	0.314	ug/l #	87
6) Chloroethane	3.112	64	53	Below Cal	#	43
16) Acetone	4.448	43	1035	1.297	ug/l #	40
18) Methyl Acetate	5.030	43	2603	1.015	ug/l #	70
20) Methylene Chloride	5.283	84	896	0.536	ug/l #	78
31) Cyclohexane	8.224	56	3277	1.268	ug/l #	4
36) 1,1-Dichloropropene	8.224	75	12830	4.516	ug/l #	48
38) Carbon Tetrachloride	8.224	117	16810	4.662	ug/l #	17
43) Isopropyl Acetate	8.706	43	2040	0.532	ug/l #	49
51) 4-Methyl-2-Pentanone	10.571	43	1493	0.752	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	78933	25.172	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	78933	85.044	ug/l #	15

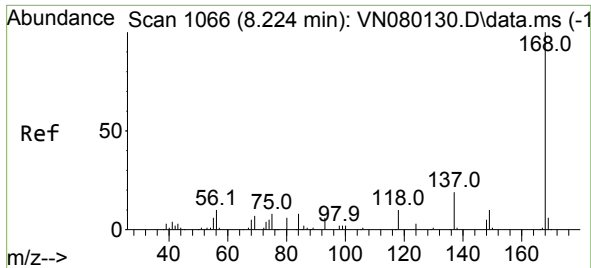
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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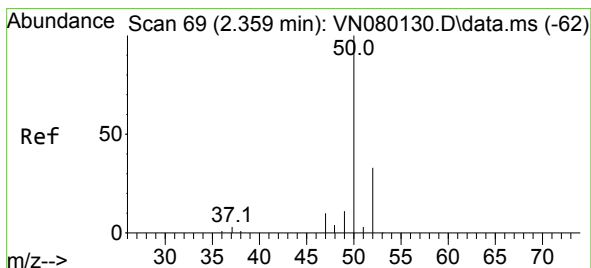
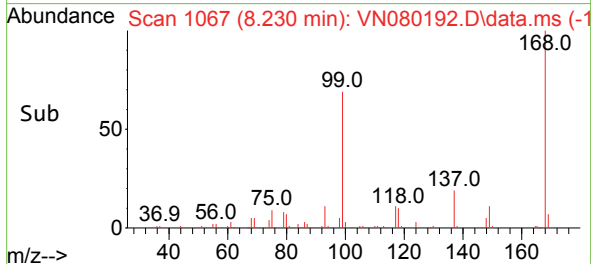
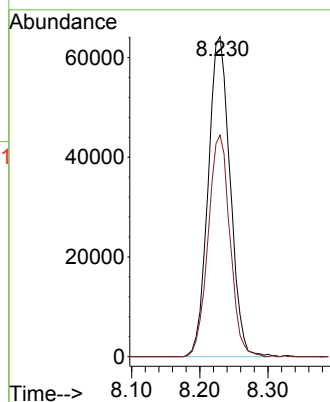
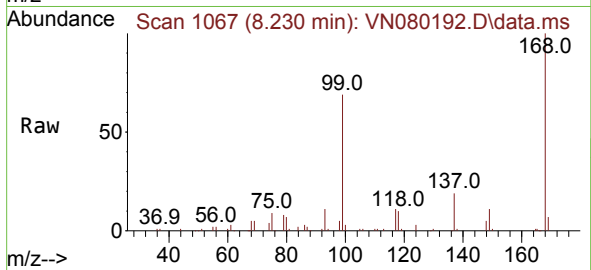




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

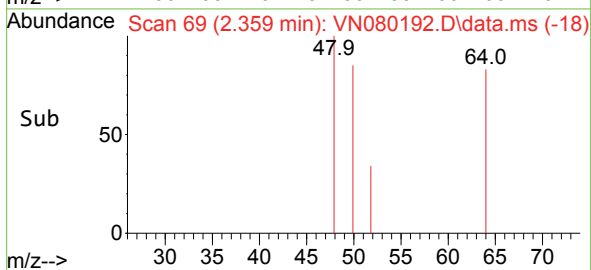
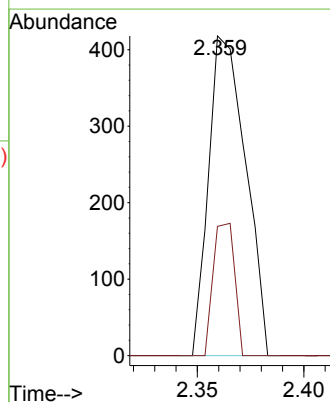
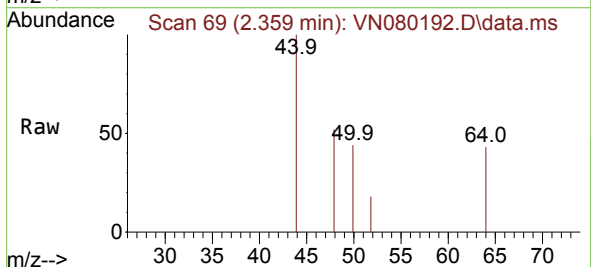
Instrument :
MSVOA_N
ClientSampleId :

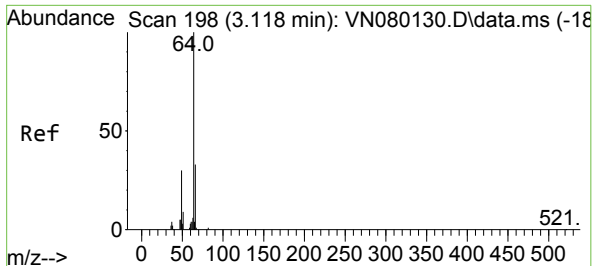
Tgt Ion:168 Resp: 143922
Ion Ratio Lower Upper
168 100
99 69.3 53.0 79.6



#3
Chloromethane
Concen: 0.314 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

Tgt Ion: 50 Resp: 506
Ion Ratio Lower Upper
50 100
52 40.4 26.5 39.7#

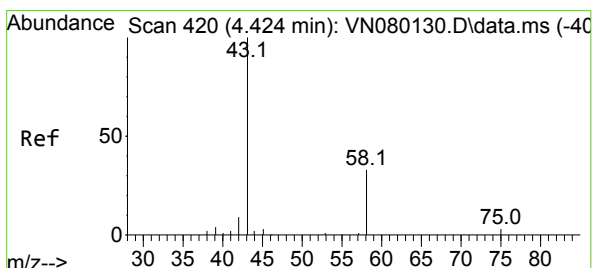
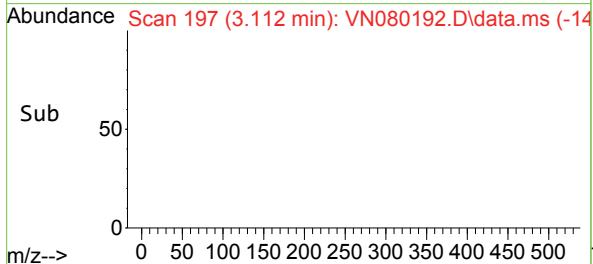
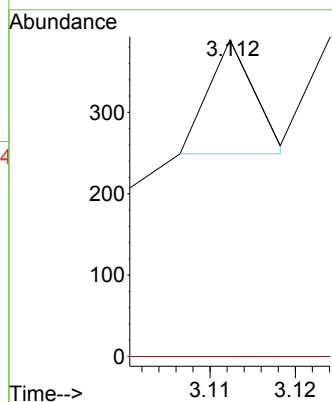
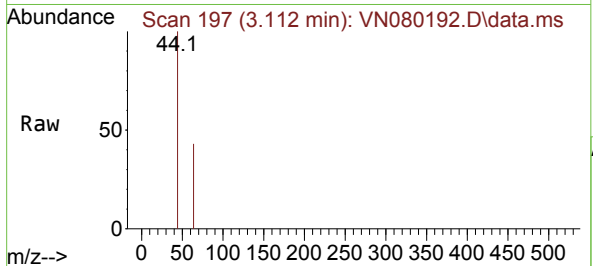




#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 19
Delta R.T. -0.006 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

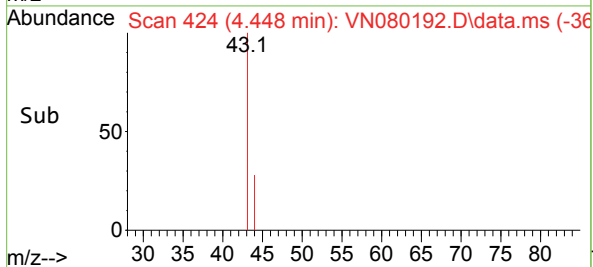
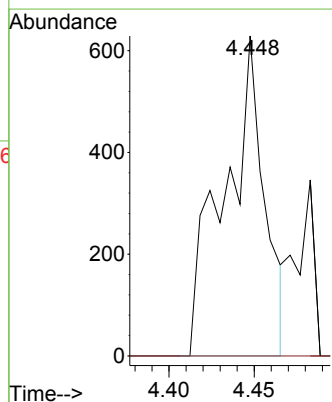
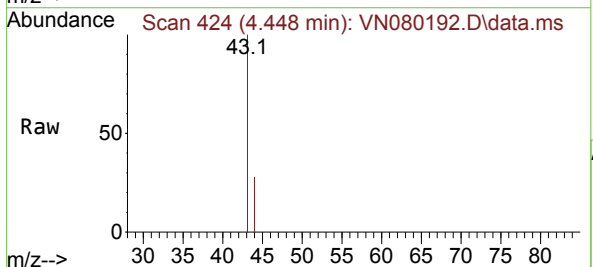
Instrument :
MSVOA_N
ClientSampleId :

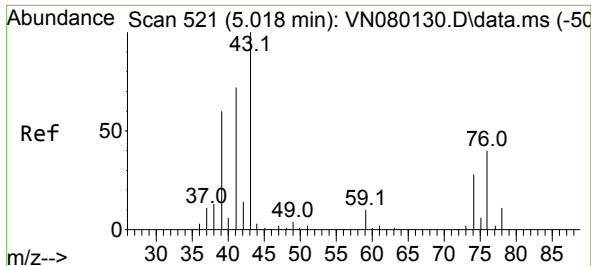
Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 1.297 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

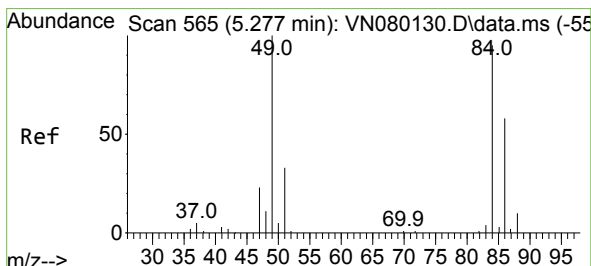
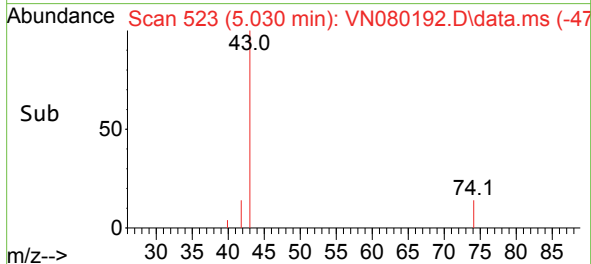
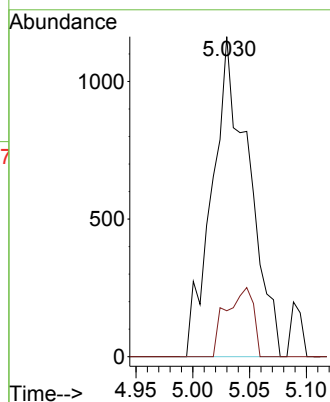
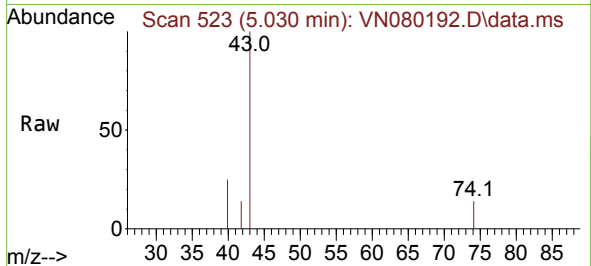




#18
Methyl Acetate
Concen: 1.015 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

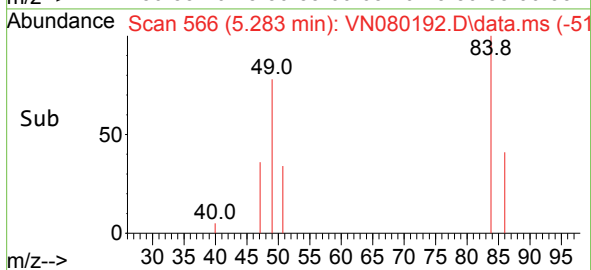
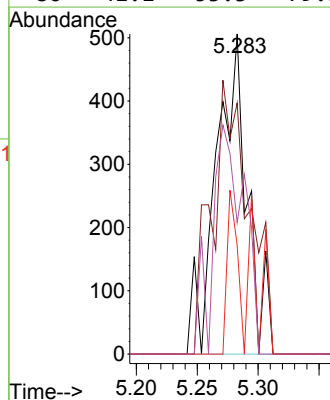
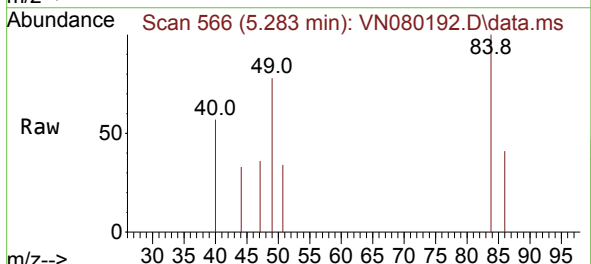
Instrument :
MSVOA_N
ClientSampleId :

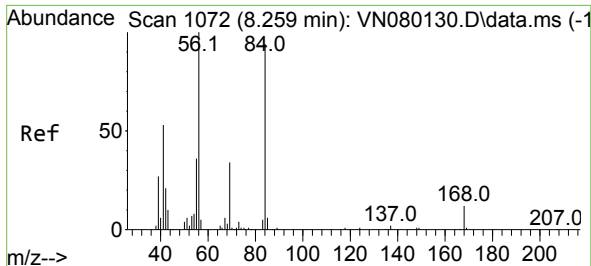
Tgt Ion: 43 Resp: 2603
Ion Ratio Lower Upper
43 100
74 16.1 26.2 39.4#



#20
Methylene Chloride
Concen: 0.536 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

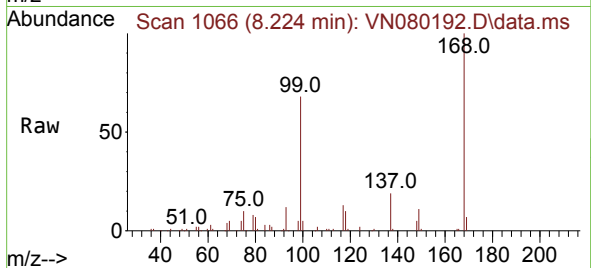
Tgt Ion: 84 Resp: 896
Ion Ratio Lower Upper
84 100
49 78.5 79.7 119.5#
51 34.0 25.2 37.8
86 41.1 53.3 79.9#



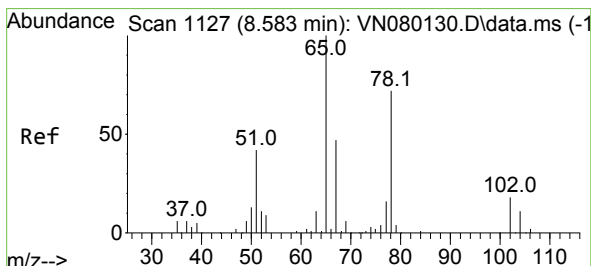
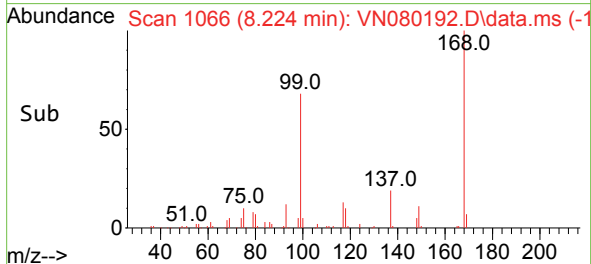
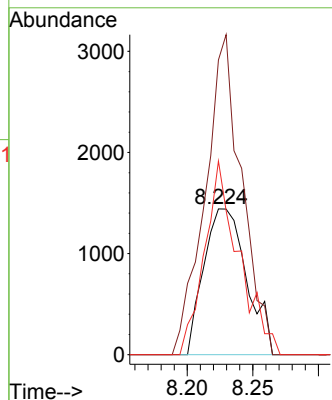


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

Instrument :
MSVOA_N
ClientSampleId :

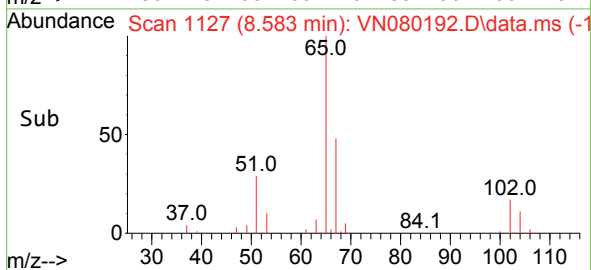
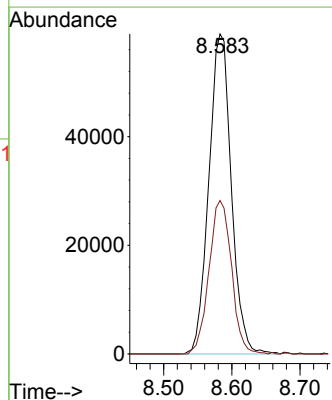
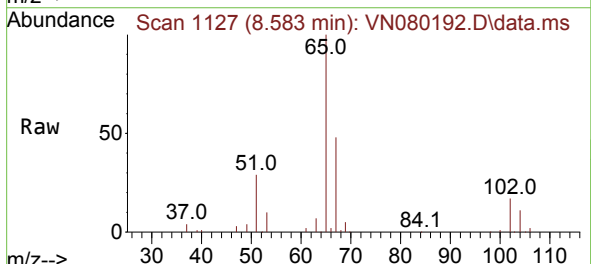


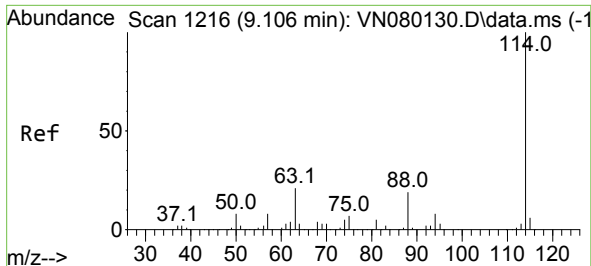
Tgt Ion: 56 Resp: 3277
Ion Ratio Lower Upper
56 100
69 202.1 26.8 40.2#
84 132.8 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 56.863 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

Tgt Ion: 65 Resp: 135129
Ion Ratio Lower Upper
65 100
67 48.0 0.0 106.6

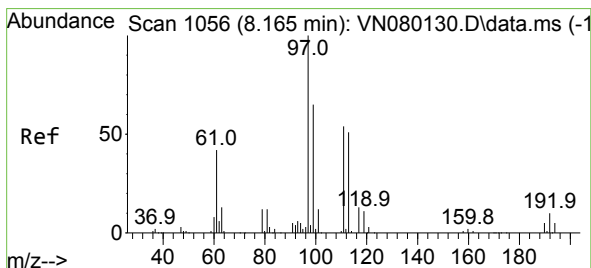
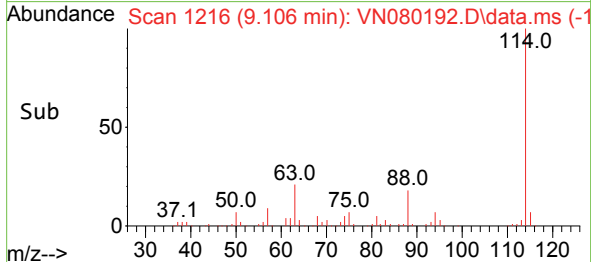
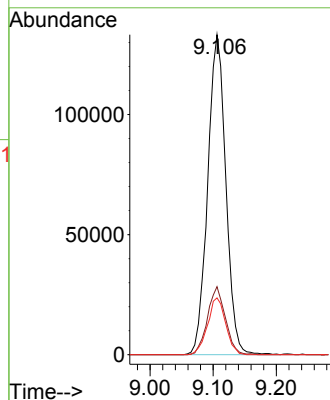
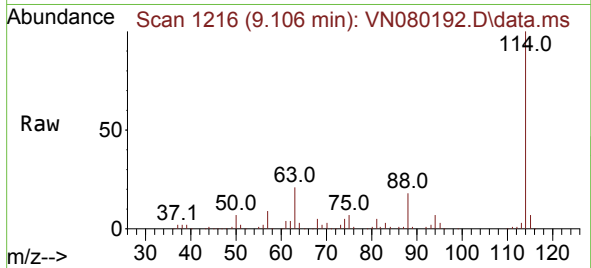




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

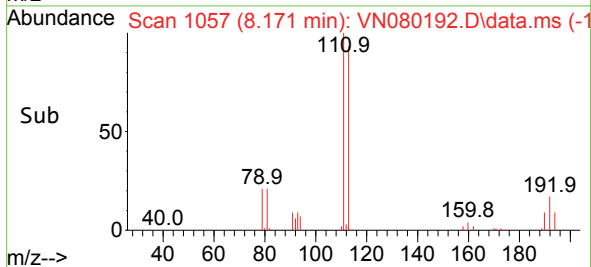
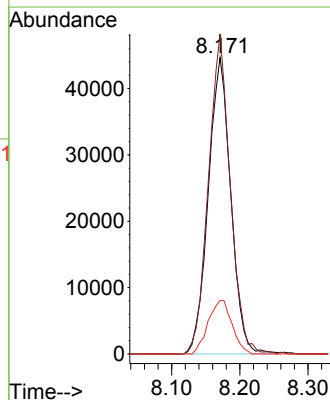
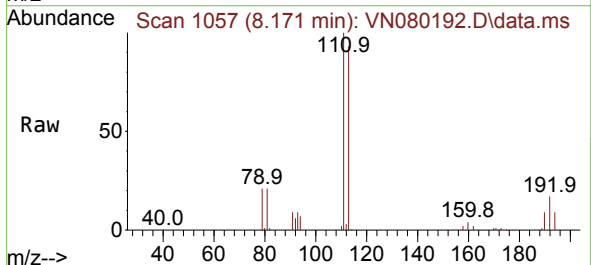
Instrument :
MSVOA_N
ClientSampleId :

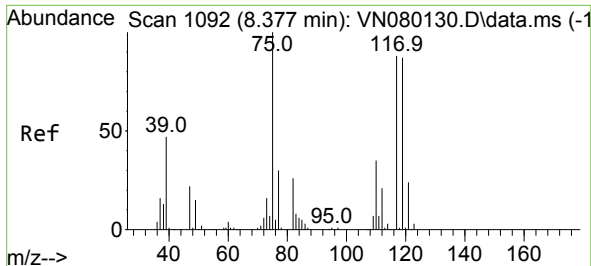
Tgt Ion:114 Resp: 265951
Ion Ratio Lower Upper
114 100
63 21.3 0.0 36.4
88 17.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.216 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

Tgt Ion:113 Resp: 102467
Ion Ratio Lower Upper
113 100
111 104.7 82.6 123.8
192 19.2 12.7 19.1#





#36

1,1-Dichloropropene

Concen: 4.516 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

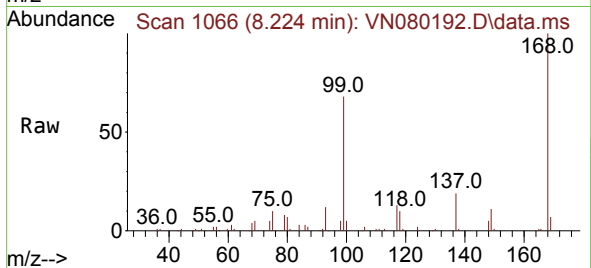
Lab File: VN080192.D

Acq: 18 Nov 2023 17:43

Instrument :

MSVOA_N

ClientSampleId :



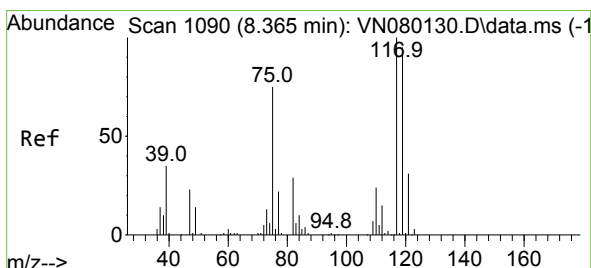
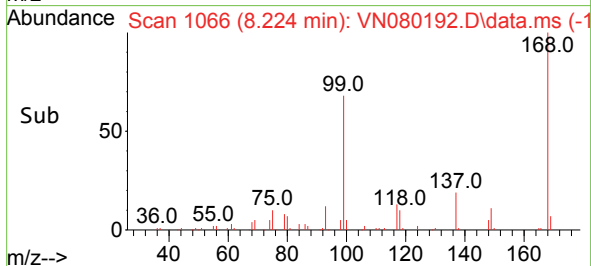
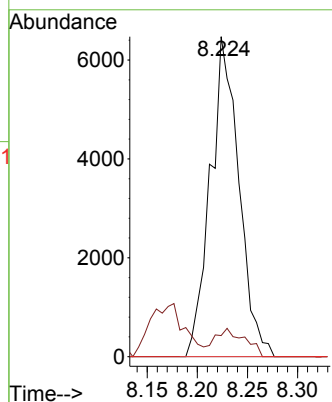
Tgt Ion: 75 Resp: 12830

Ion Ratio Lower Upper

75 100

110 9.3 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.662 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080192.D

Acq: 18 Nov 2023 17:43

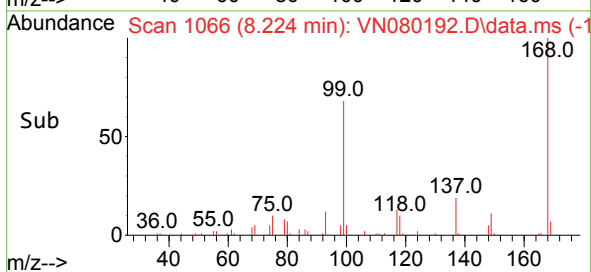
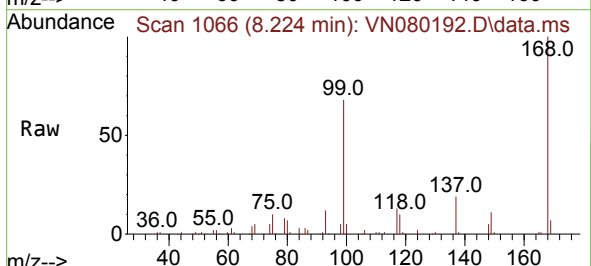
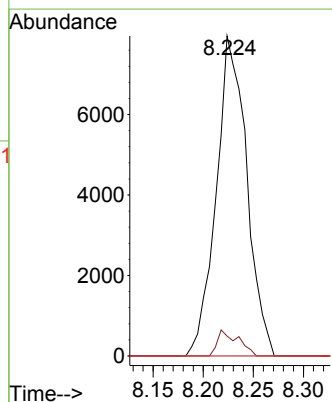
Tgt Ion: 117 Resp: 16810

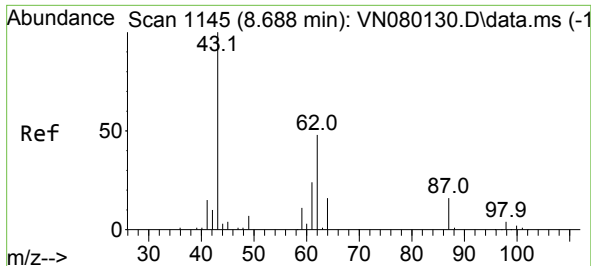
Ion Ratio Lower Upper

117 100

119 6.2 77.3 115.9#

121 0.0 23.3 34.9#

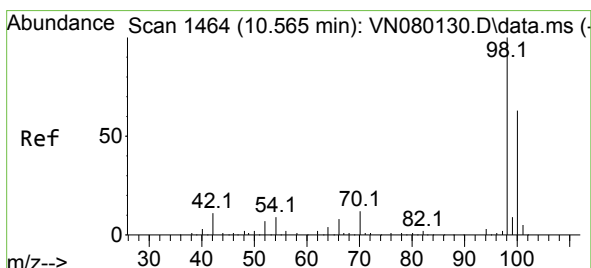
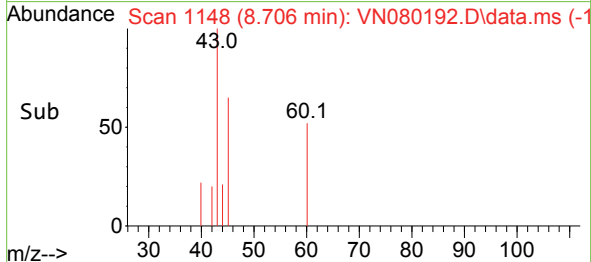
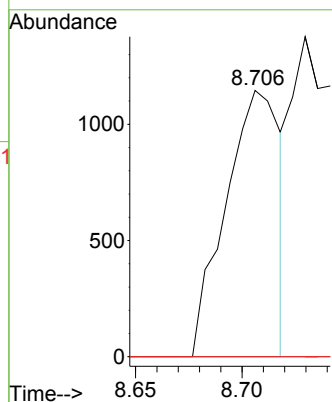
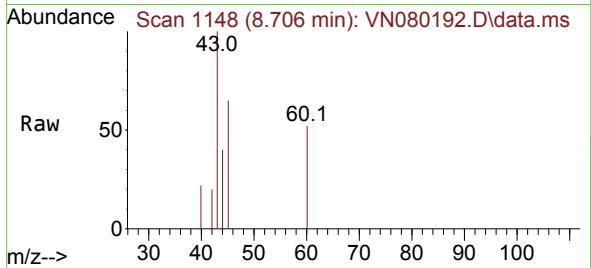




#43
Isopropyl Acetate
Concen: 0.532 ug/l
RT: 8.706 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

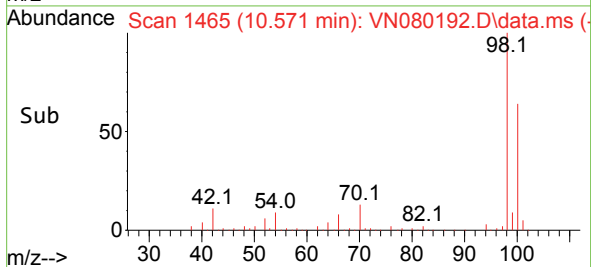
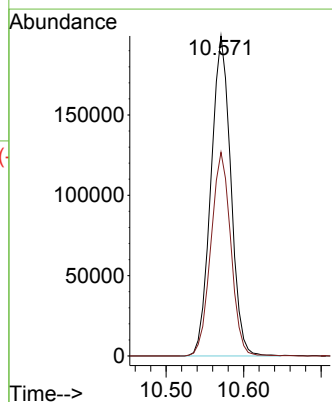
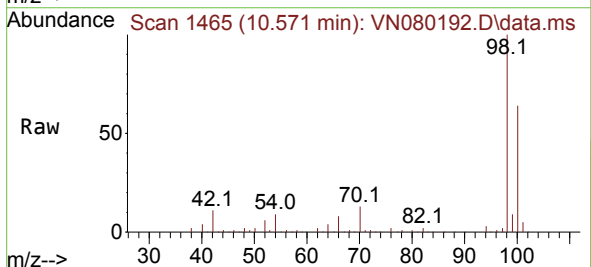
Instrument :
MSVOA_N
ClientSampleId :

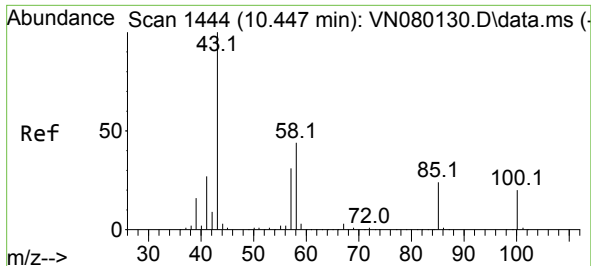
Tgt Ion: 43 Resp: 2040
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 50.141 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

Tgt Ion: 98 Resp: 354697
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.752 ug/l

RT: 10.571 min Scan# 1444

Delta R.T. 0.123 min

Lab File: VN080192.D

Acq: 18 Nov 2023 17:43

Instrument :

MSVOA_N

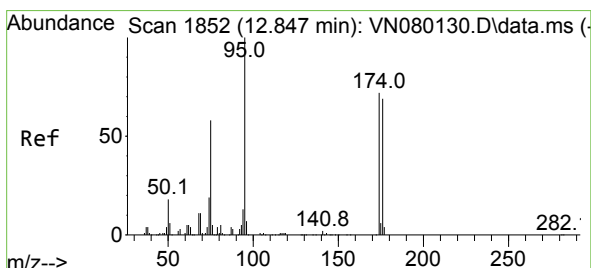
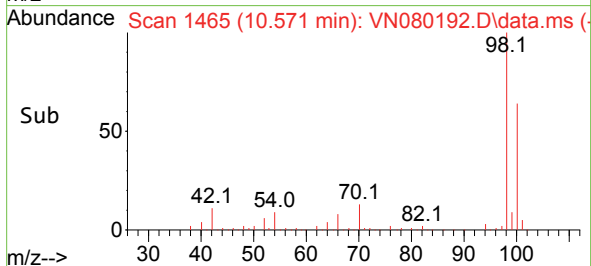
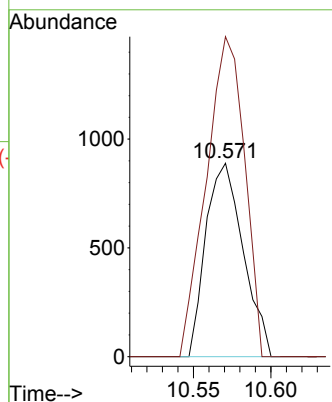
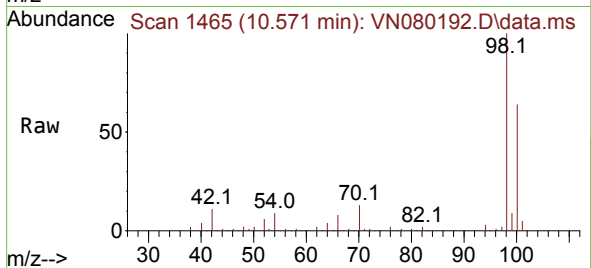
ClientSampleId :

Tgt Ion: 43 Resp: 1493

Ion Ratio Lower Upper

43 100

58 169.3 36.6 54.8#



#62

4-Bromofluorobenzene

Concen: 52.214 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080192.D

Acq: 18 Nov 2023 17:43

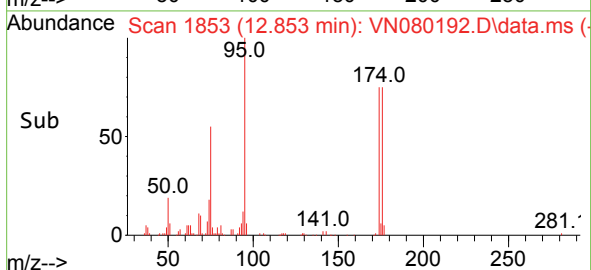
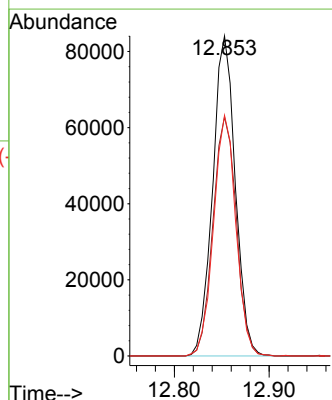
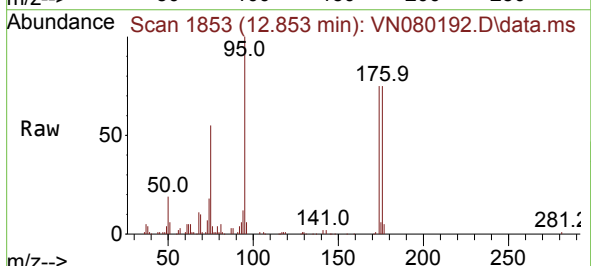
Tgt Ion: 95 Resp: 139514

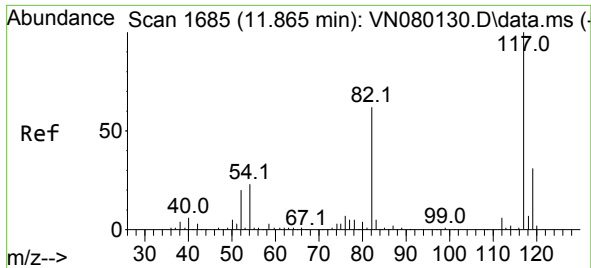
Ion Ratio Lower Upper

95 100

174 77.0 0.0 143.8

176 74.4 0.0 135.8

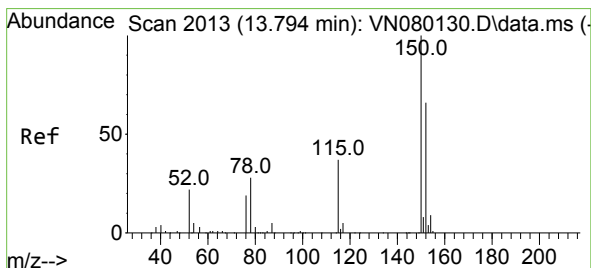
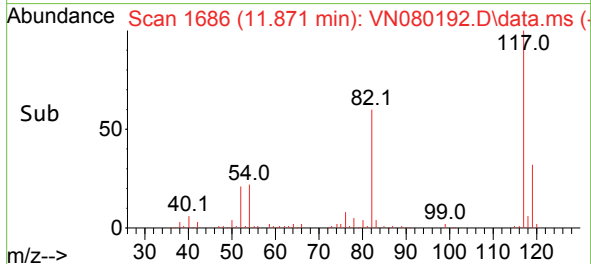
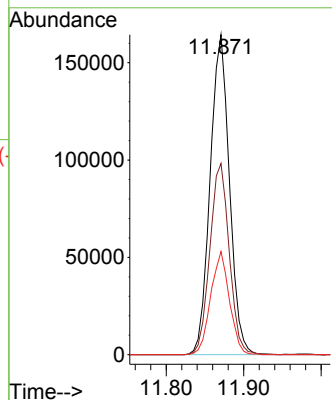
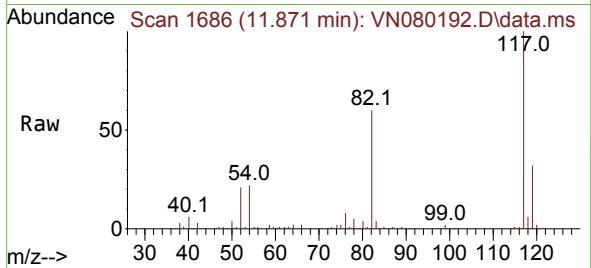




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

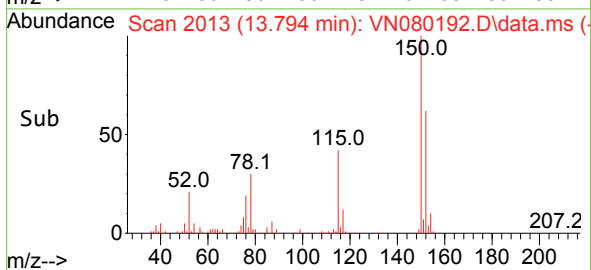
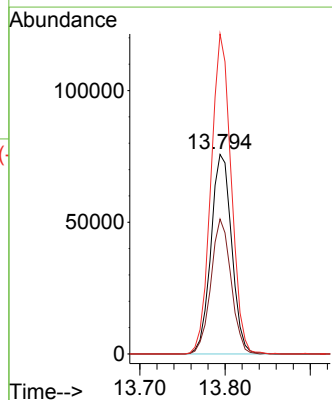
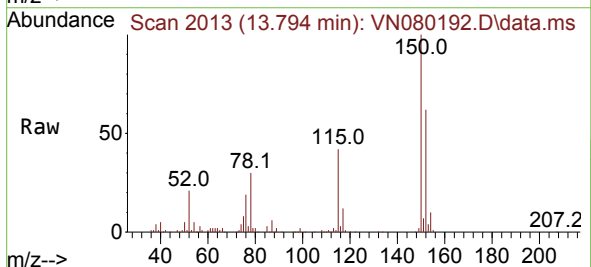
Instrument :
MSVOA_N
ClientSampleId :

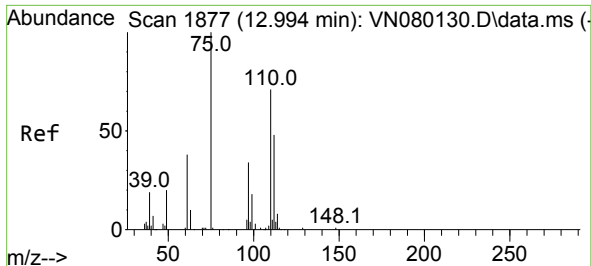
Tgt Ion:117 Resp: 284491
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

Tgt Ion:152 Resp: 127983
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 156.2 0.0 355.8

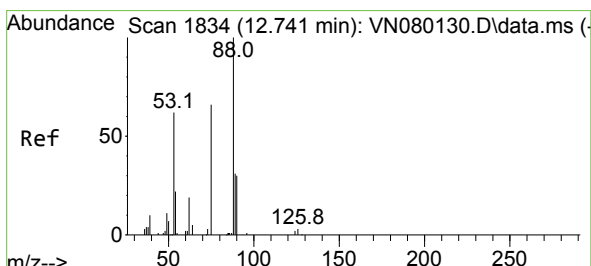
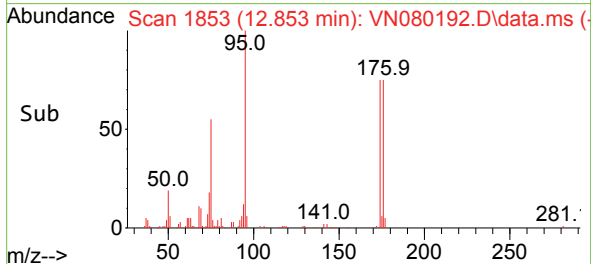
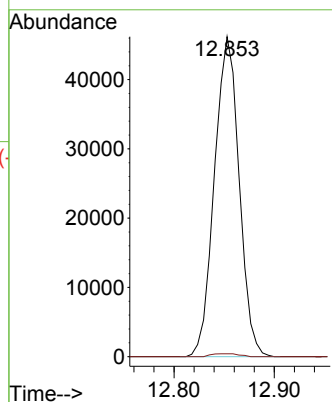
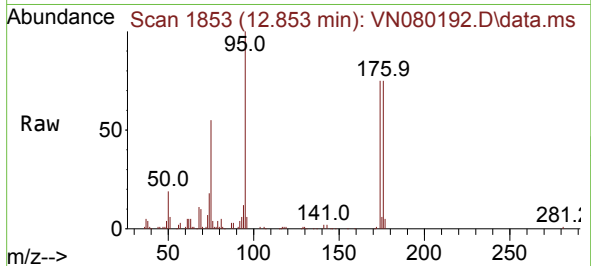




#76
1,2,3-Trichloropropane
Concen: 25.172 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 78933
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.044 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080192.D
Acq: 18 Nov 2023 17:43

Tgt Ion: 75 Resp: 78933
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

