

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078142.D
 Acq On : 09 Jun 2023 13:47
 Operator : JC\MD
 Sample : 03123-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 09 23:07:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

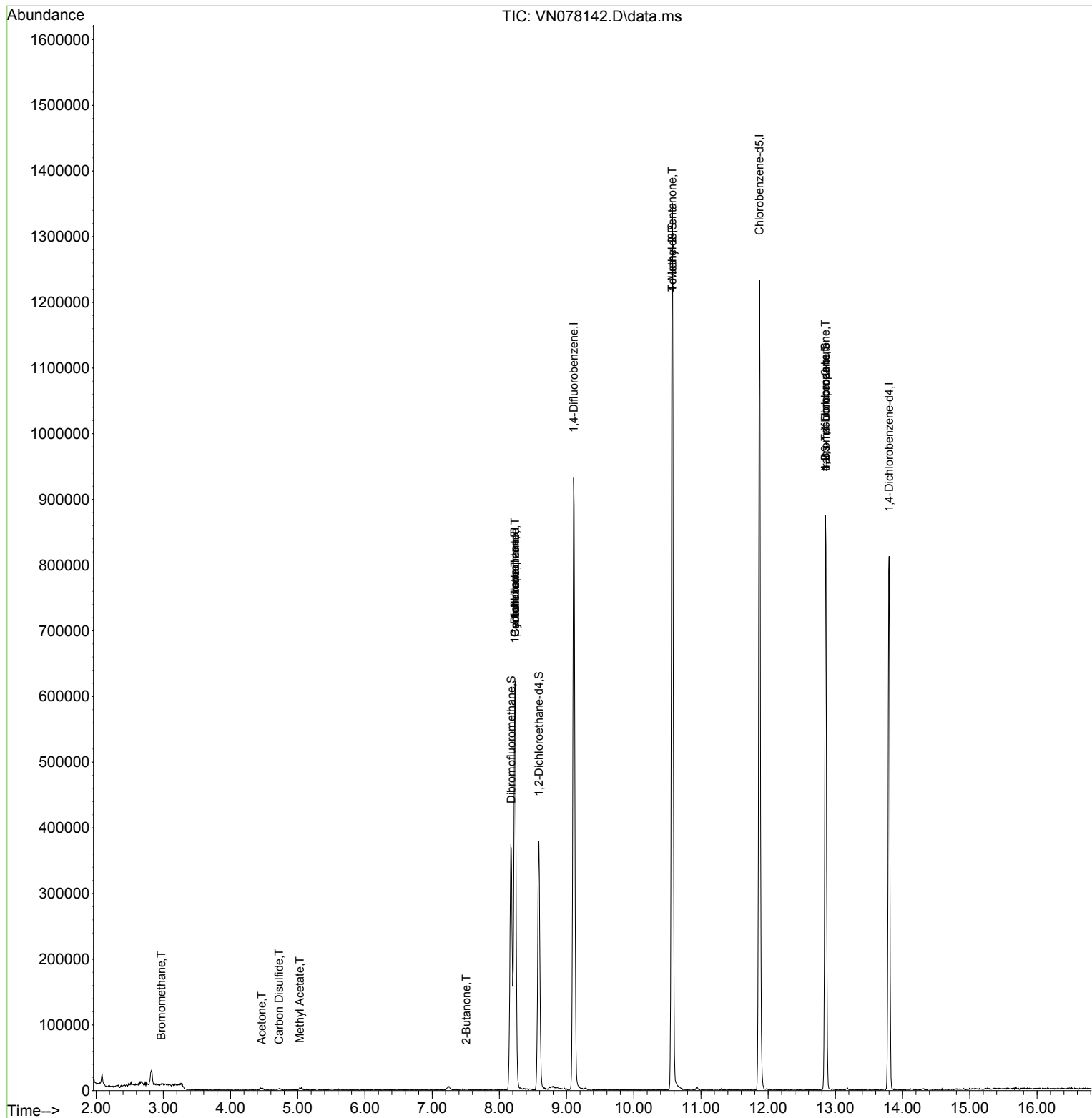
Internal Standards						
1) Pentafluorobenzene	8.235	168	448309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	824129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	719348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	221665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	312085	52.211	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.420%	
35) Dibromofluoromethane	8.177	113	274288	52.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.280%	
50) Toluene-d8	10.571	98	984687	49.018	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.040%	
62) 4-Bromofluorobenzene	12.853	95	306528	49.084	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1658	Below Cal	#	77
5) Bromomethane	2.971	94	1478	0.295	ug/l #	56
16) Acetone	4.465	43	4020	2.337	ug/l #	68
17) Carbon Disulfide	4.724	76	3942	0.313	ug/l #	75
18) Methyl Acetate	5.030	43	2081	0.263	ug/l #	86
25) 2-Butanone	7.506	43	1781	0.673	ug/l #	72
31) Cyclohexane	8.235	56	10984	1.433	ug/l #	17
36) 1,1-Dichloropropene	8.229	75	39591	5.297	ug/l #	46
38) Carbon Tetrachloride	8.235	117	49463	6.267	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	4402	0.749	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.923	83	70	Below Cal	#	82
76) 1,2,3-Trichloropropane	12.853	75	167341	31.934	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	167341	98.111	ug/l #	15

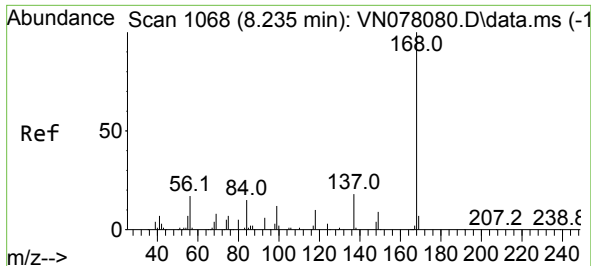
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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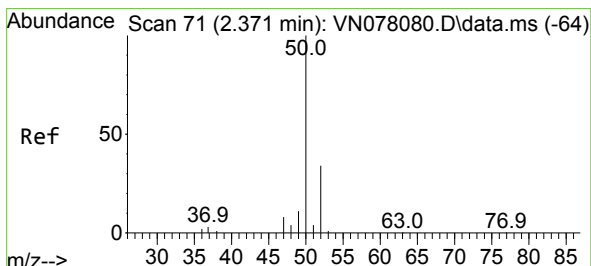
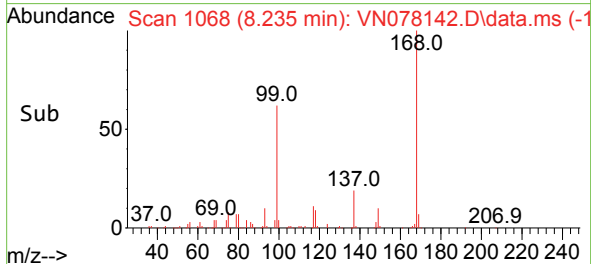
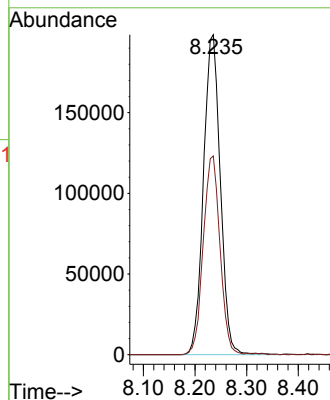
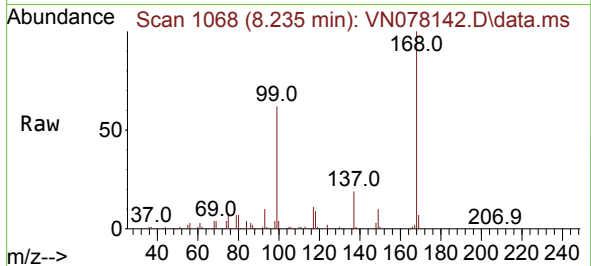




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN078142.D
Acq: 09 Jun 2023 13:47

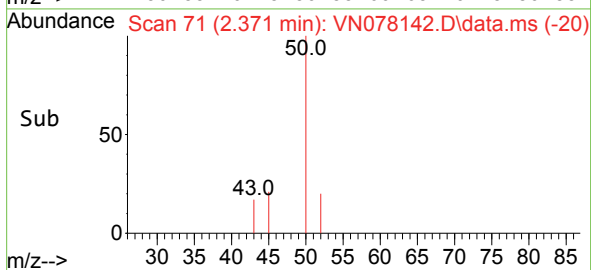
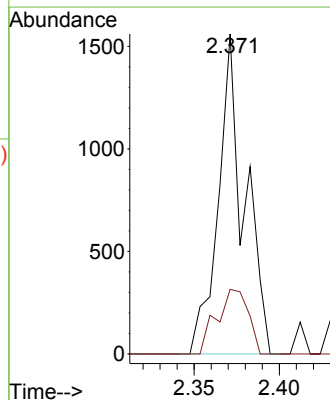
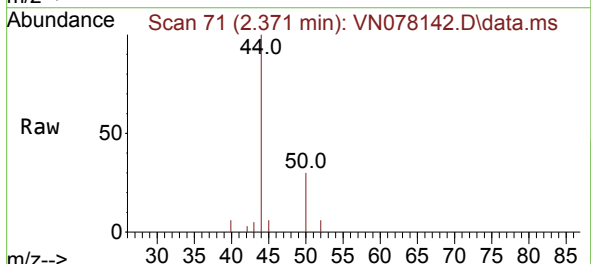
Instrument :
MSVOA_N
ClientSampleId :

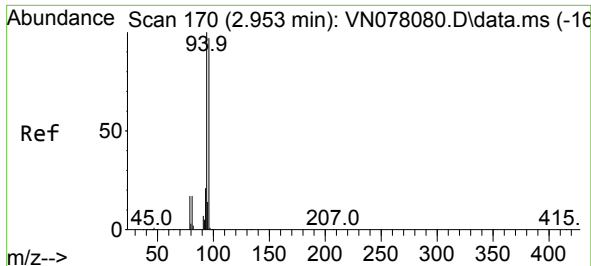
Tgt Ion:168 Resp: 448309
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078142.D
Acq: 09 Jun 2023 13:47

Tgt Ion: 50 Resp: 1658
Ion Ratio Lower Upper
50 100
52 20.2 26.5 39.7#

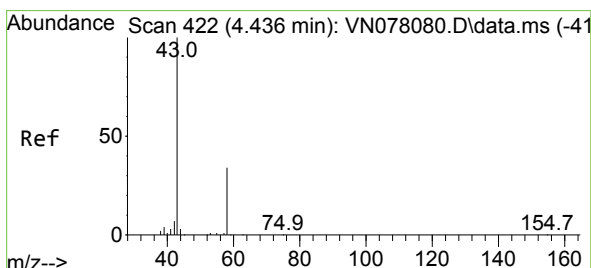
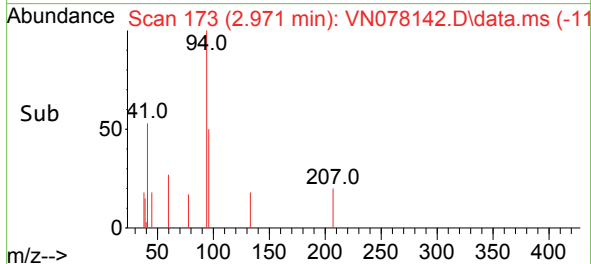
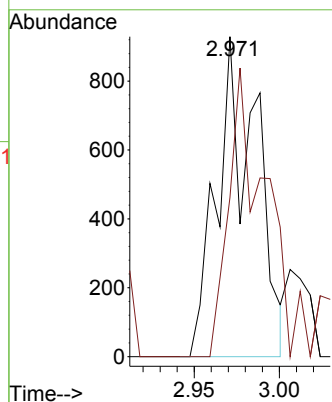
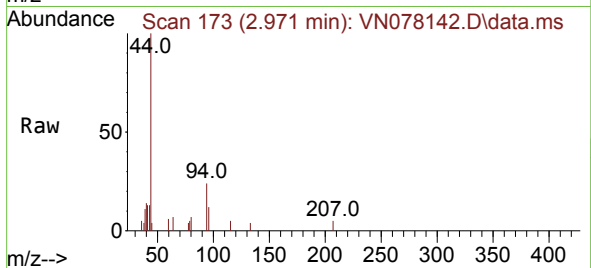




#5
Bromomethane
Concen: 0.295 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078142.D
Acq: 09 Jun 2023 13:47

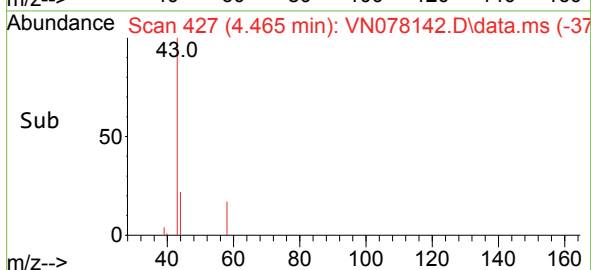
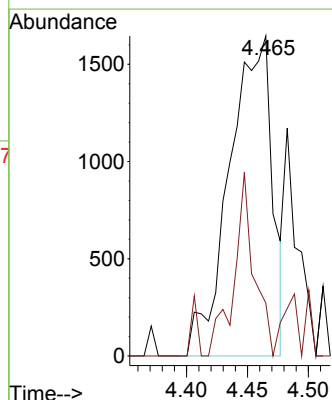
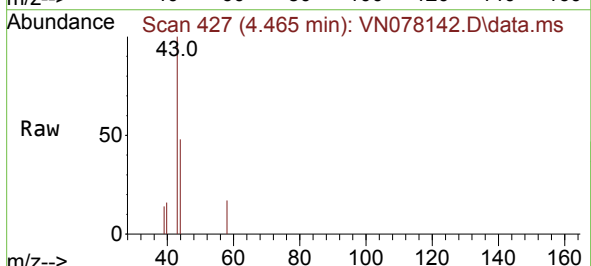
Instrument :
MSVOA_N
ClientSampleId :

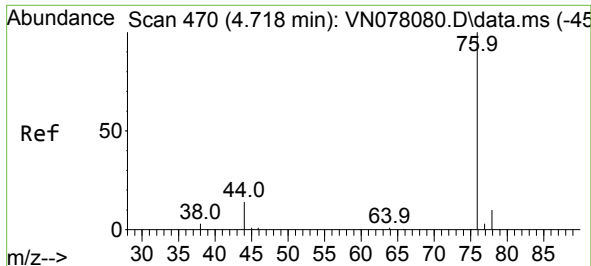
Tgt Ion: 94 Resp: 1478
Ion Ratio Lower Upper
94 100
96 49.7 73.1 109.7#



#16
Acetone
Concen: 2.337 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.029 min
Lab File: VN078142.D
Acq: 09 Jun 2023 13:47

Tgt Ion: 43 Resp: 4020
Ion Ratio Lower Upper
43 100
58 16.6 28.0 42.0#





#17

Carbon Disulfide

Concen: 0.313 ug/l

RT: 4.724 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN078142.D

Acq: 09 Jun 2023 13:47

Instrument :

MSVOA_N

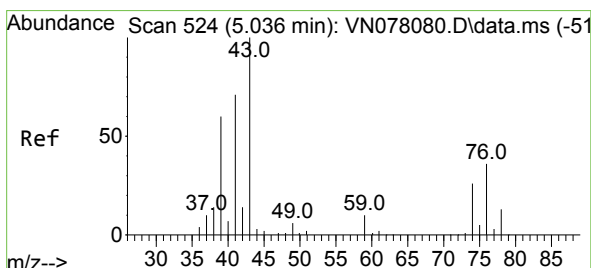
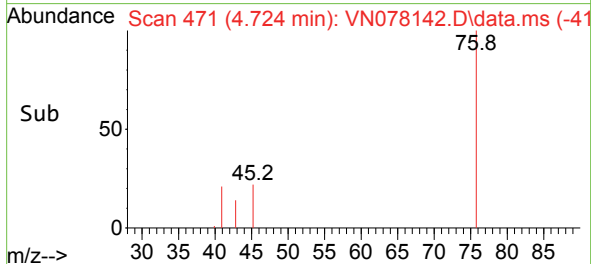
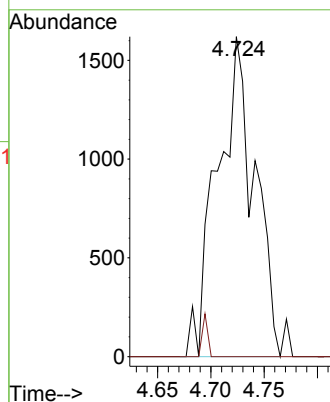
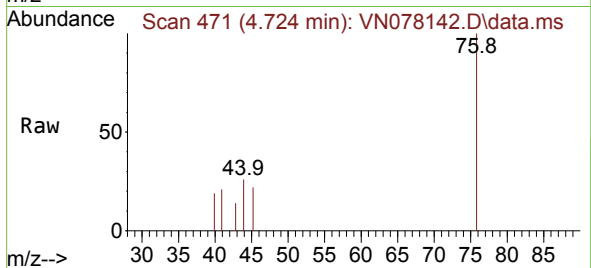
ClientSampleId :

Tgt Ion: 76 Resp: 3942

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



#18

Methyl Acetate

Concen: 0.263 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.006 min

Lab File: VN078142.D

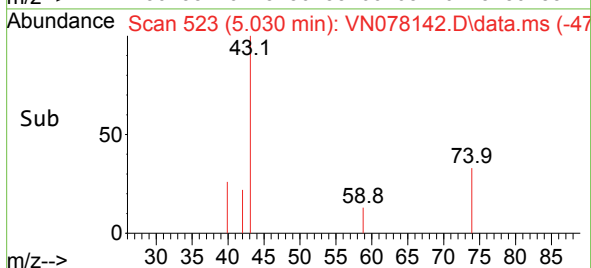
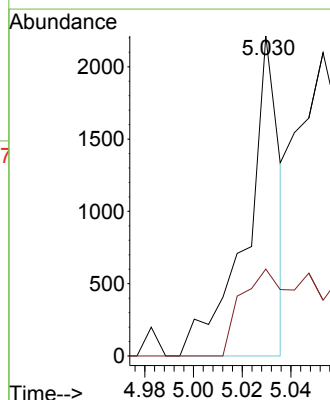
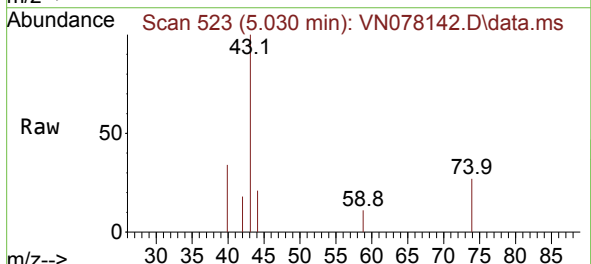
Acq: 09 Jun 2023 13:47

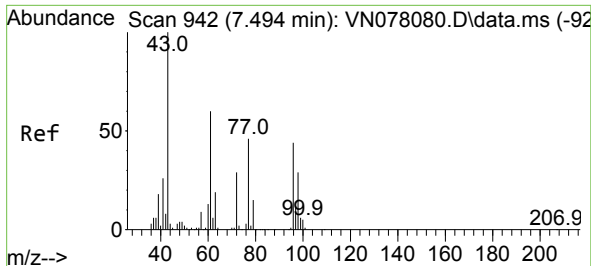
Tgt Ion: 43 Resp: 2081

Ion Ratio Lower Upper

43 100

74 40.7 26.2 39.4#

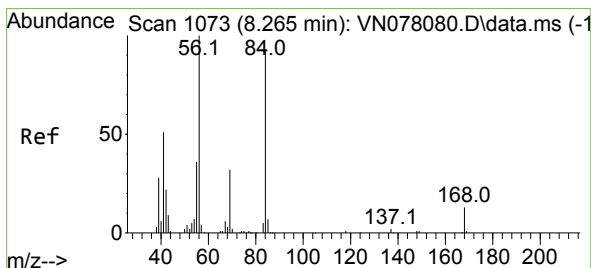
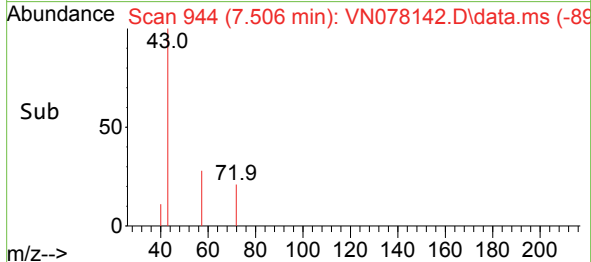
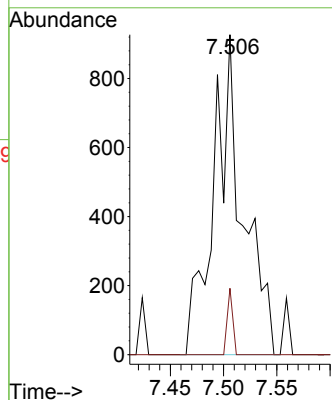
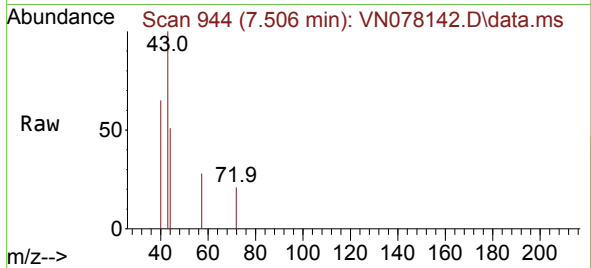




#25
2-Butanone
Concen: 0.673 ug/l
RT: 7.506 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN078142.D
Acq: 09 Jun 2023 13:47

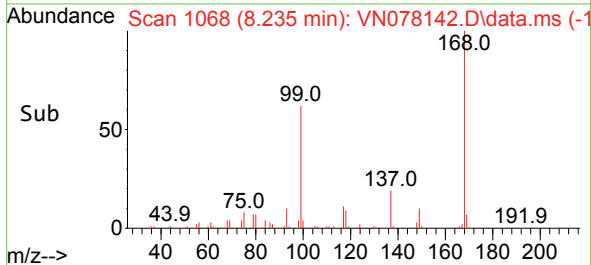
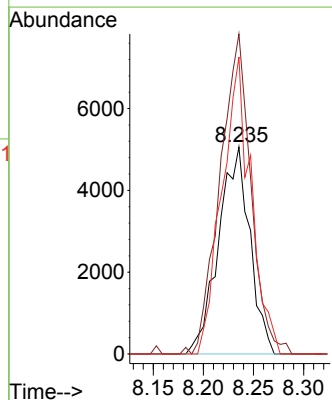
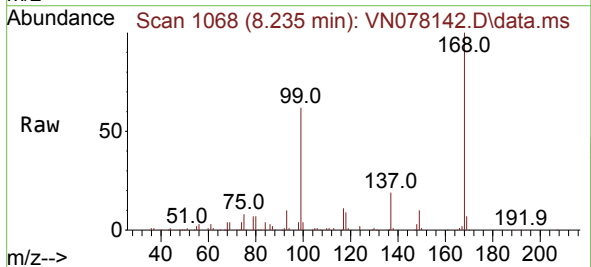
Instrument :
MSVOA_N
ClientSampleId :

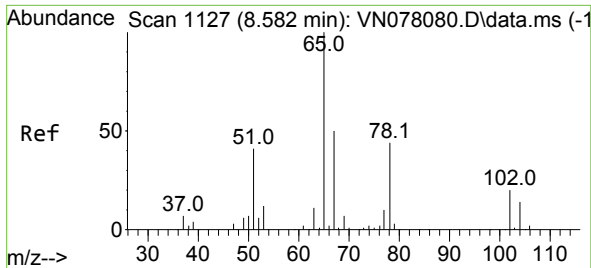
Tgt Ion: 43 Resp: 1781
Ion Ratio Lower Upper
43 100
72 20.7 30.2 45.2#



#31
Cyclohexane
Concen: 1.433 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN078142.D
Acq: 09 Jun 2023 13:47

Tgt Ion: 56 Resp: 10984
Ion Ratio Lower Upper
56 100
69 154.5 26.8 40.2#
84 143.4 81.8 122.6#

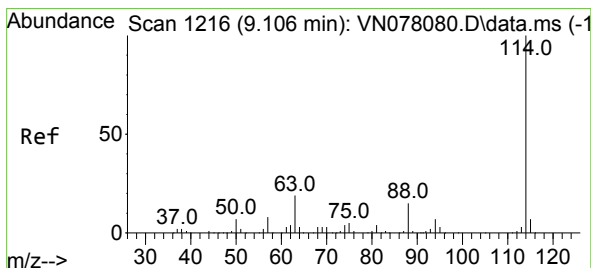
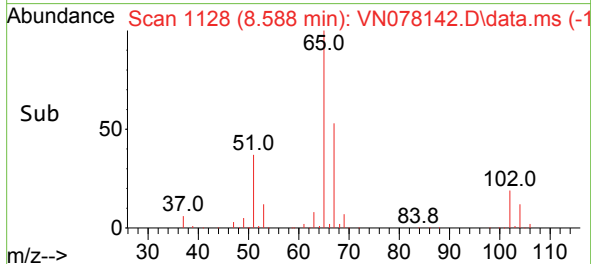
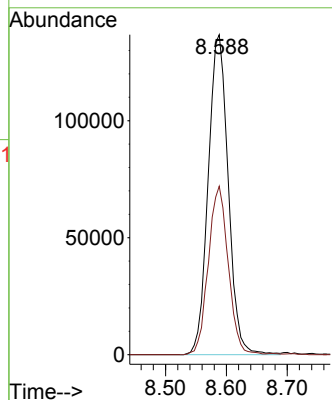
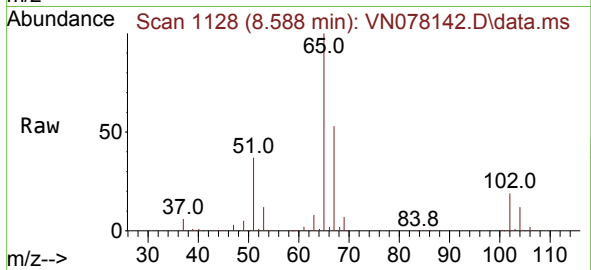




#33
 1,2-Dichloroethane-d4
 Concen: 52.211 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN078142.D
 Acq: 09 Jun 2023 13:47

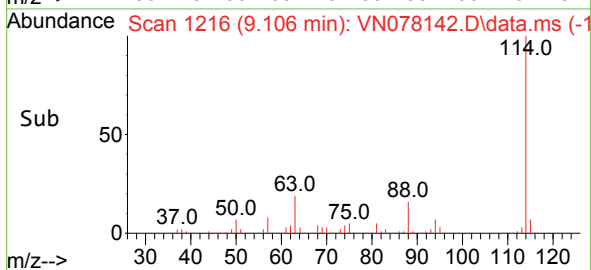
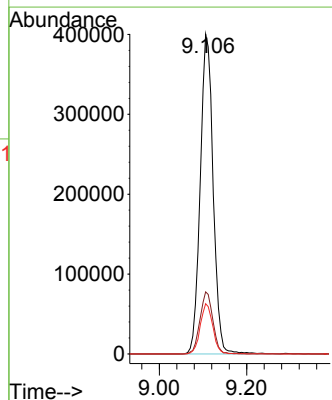
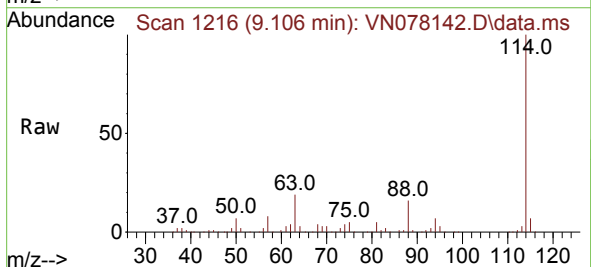
Instrument :
 MSVOA_N
 ClientSampleId :

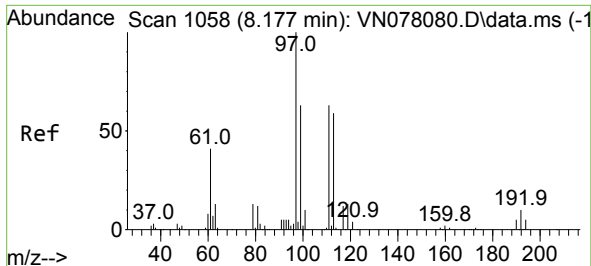
Tgt Ion: 65 Resp: 312085
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN078142.D
 Acq: 09 Jun 2023 13:47

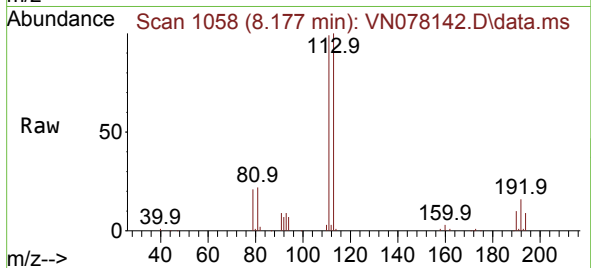
Tgt Ion: 114 Resp: 824129
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 36.4
 88 15.7 0.0 30.6



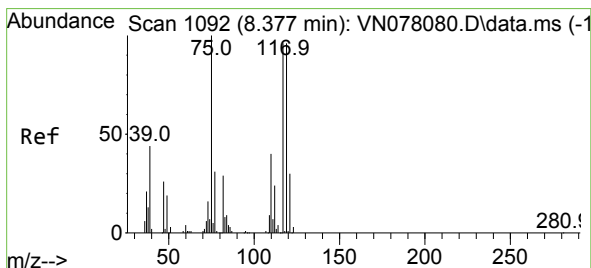
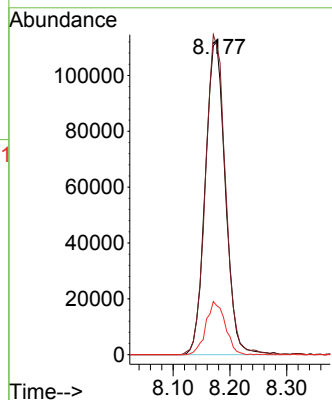
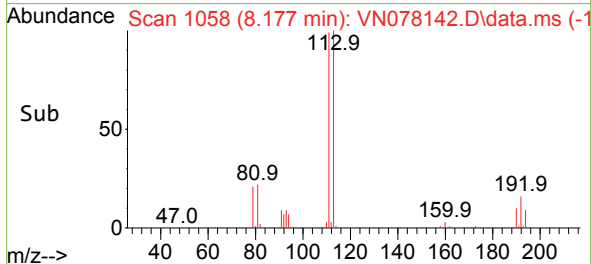


#35
Dibromofluoromethane
Concen: 52.638 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078142.D
Acq: 09 Jun 2023 13:47

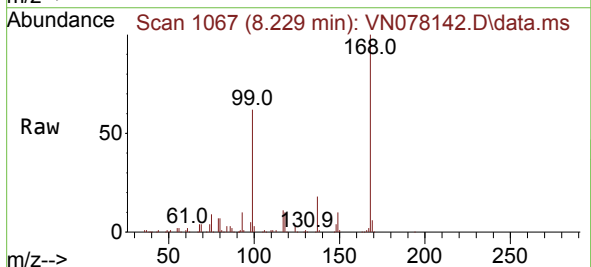
Instrument :
MSVOA_N
ClientSampleId :



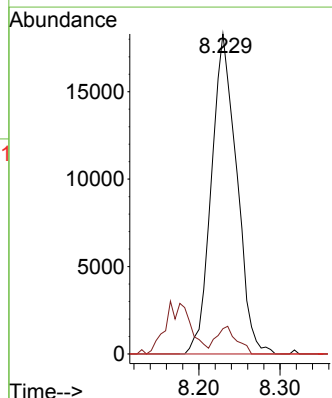
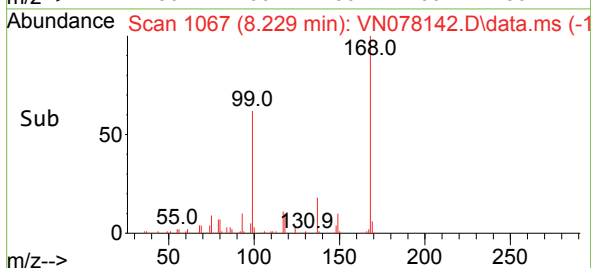
Tgt Ion:113 Resp: 274288
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 16.4 12.7 19.1

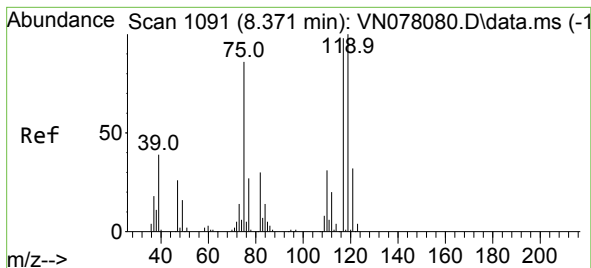


#36
1,1-Dichloropropene
Concen: 5.297 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078142.D
Acq: 09 Jun 2023 13:47



Tgt Ion: 75 Resp: 39591
Ion Ratio Lower Upper
75 100
110 6.9 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.267 ug/l

RT: 8.235 min Scan# 1091

Delta R.T. -0.135 min

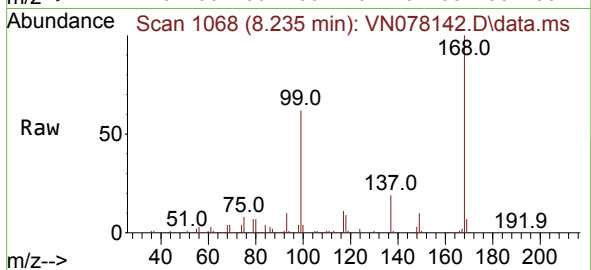
Lab File: VN078142.D

Acq: 09 Jun 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :



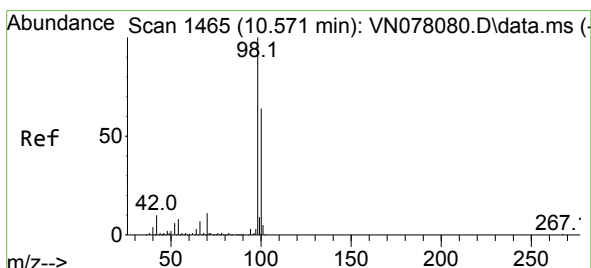
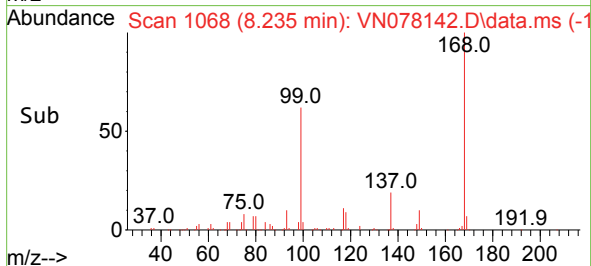
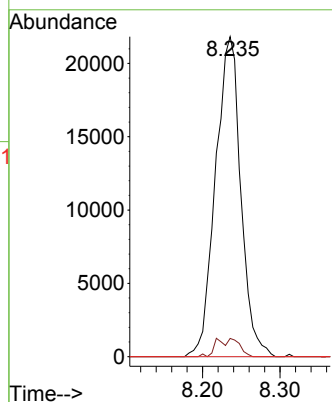
Tgt Ion:117 Resp: 49463

Ion Ratio Lower Upper

117 100

119 5.7 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 49.018 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078142.D

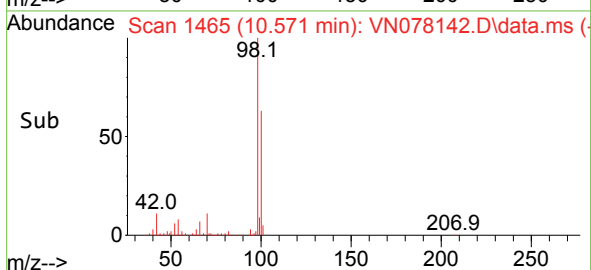
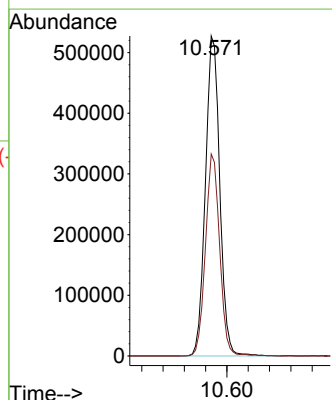
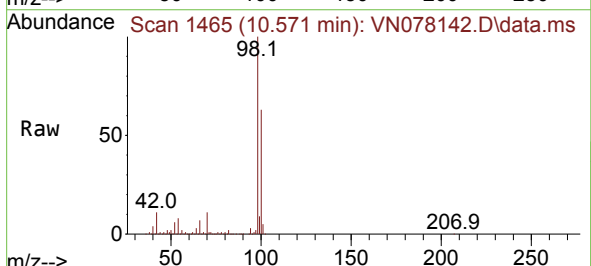
Acq: 09 Jun 2023 13:47

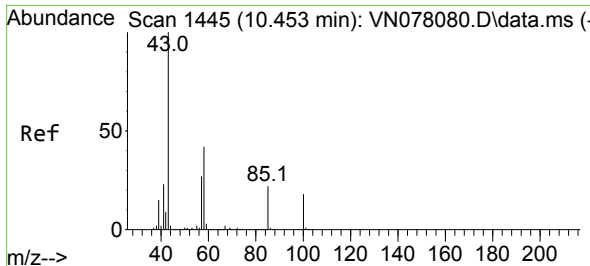
Tgt Ion: 98 Resp: 984687

Ion Ratio Lower Upper

98 100

100 62.6 52.0 78.0

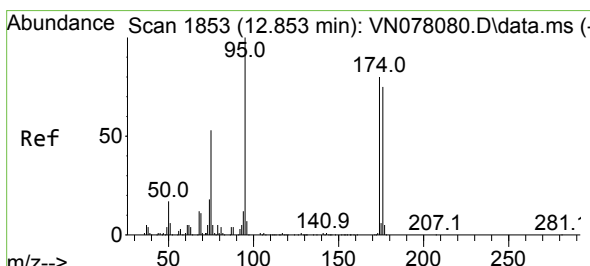
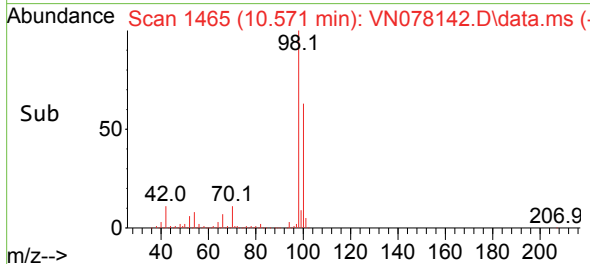
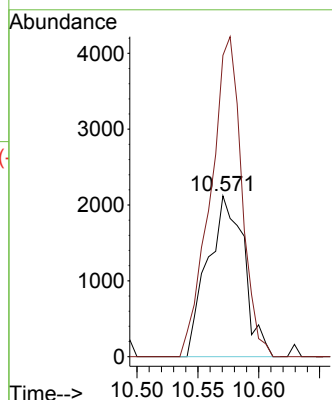
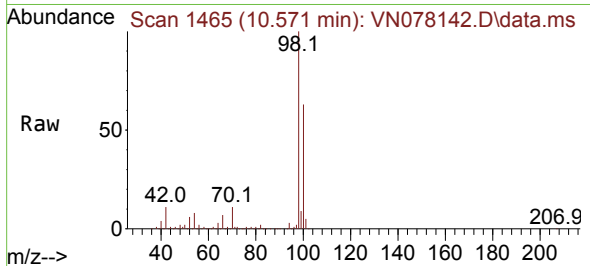




#51
4-Methyl-2-Pentanone
Concen: 0.749 ug/l
RT: 10.571 min Scan# 1445
Delta R.T. 0.118 min
Lab File: VN078142.D
Acq: 09 Jun 2023 13:47

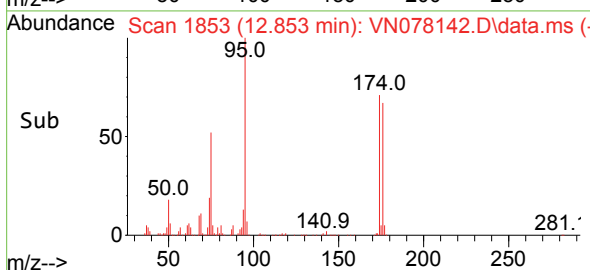
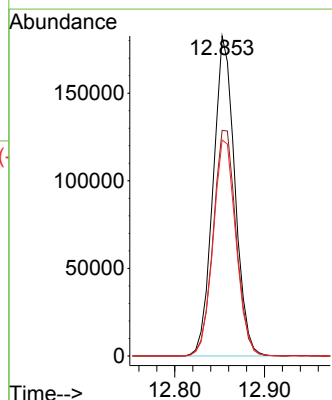
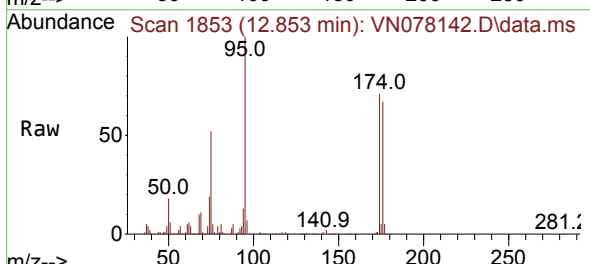
Instrument :
MSVOA_N
ClientSampleId :

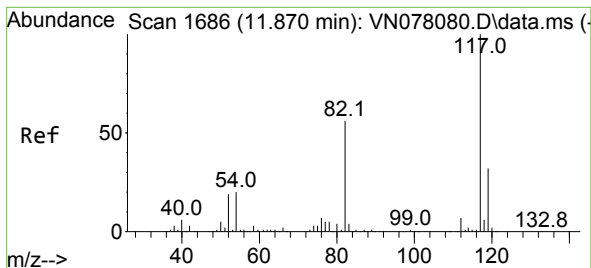
Tgt Ion: 43 Resp: 4402
Ion Ratio Lower Upper
43 100
58 172.0 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 49.084 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078142.D
Acq: 09 Jun 2023 13:47

Tgt Ion: 95 Resp: 306528
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 70.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078142.D

Acq: 09 Jun 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

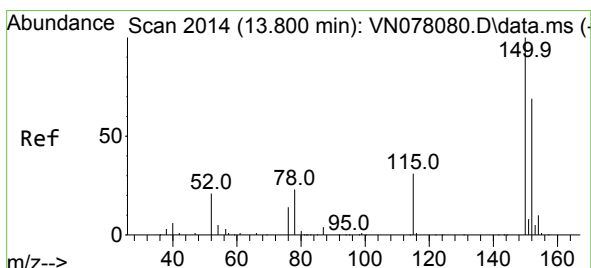
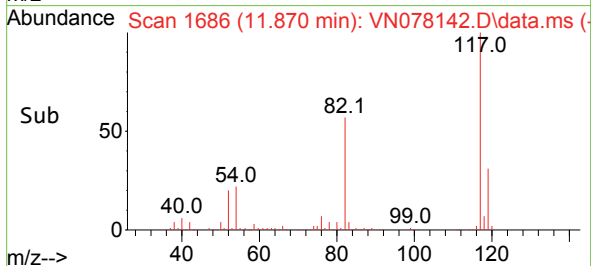
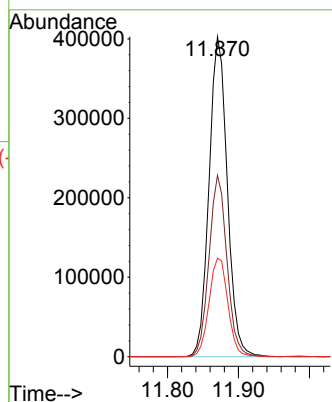
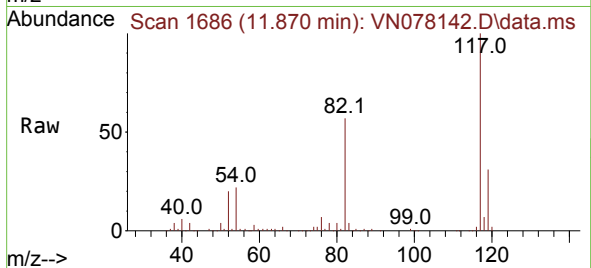
Tgt Ion:117 Resp: 719348

Ion Ratio Lower Upper

117 100

82 56.6 44.0 66.0

119 30.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078142.D

Acq: 09 Jun 2023 13:47

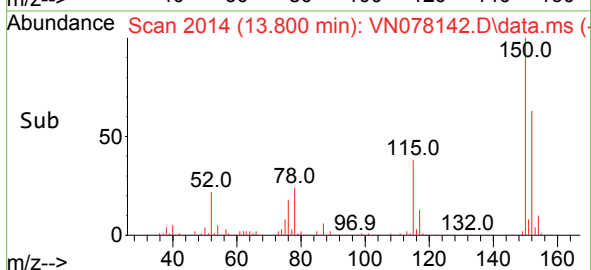
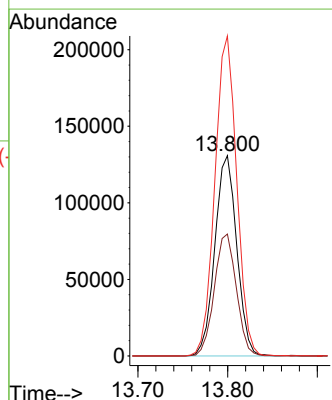
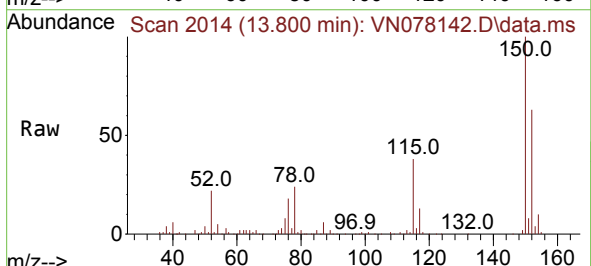
Tgt Ion:152 Resp: 221665

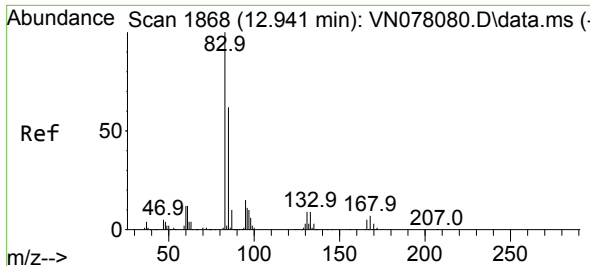
Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 159.3 0.0 355.8

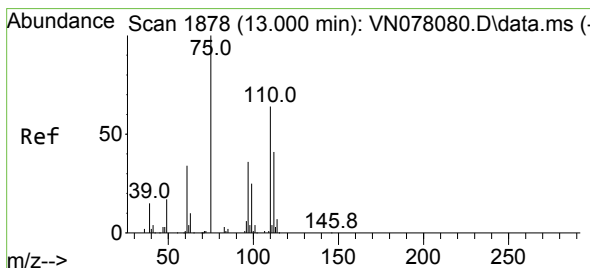
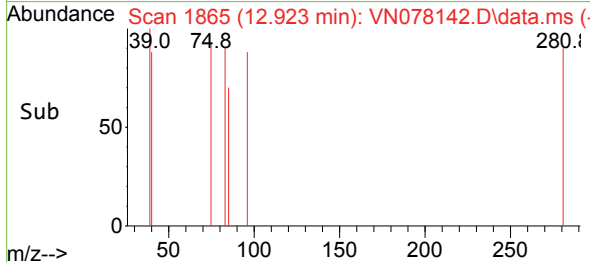
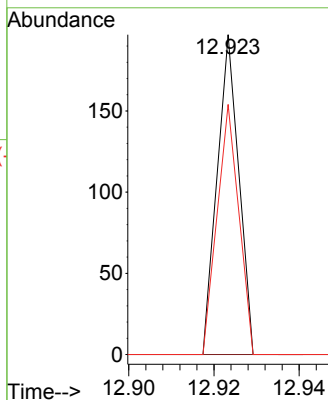
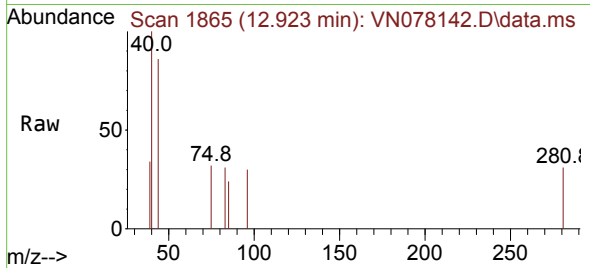




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.923 min Scan# 1865
 Delta R.T. -0.018 min
 Lab File: VN078142.D
 Acq: 09 Jun 2023 13:47

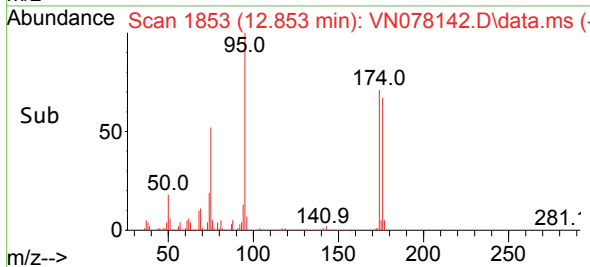
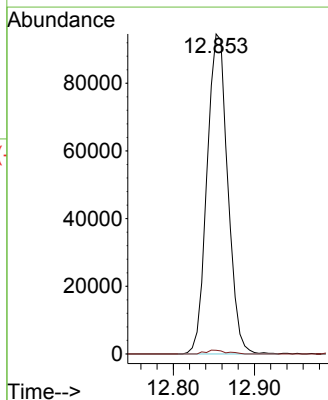
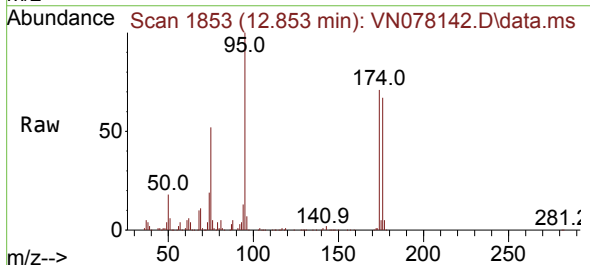
Instrument :
 MSVOA_N
 ClientSampleId :

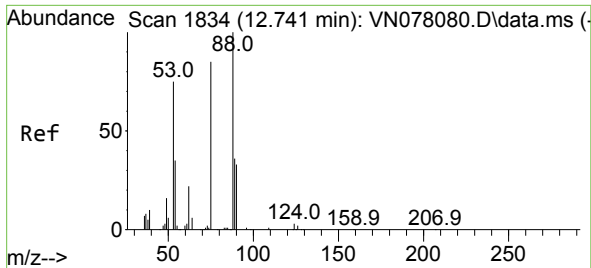
Tgt Ion: 83 Resp: 70
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 77.1 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 31.934 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN078142.D
 Acq: 09 Jun 2023 13:47

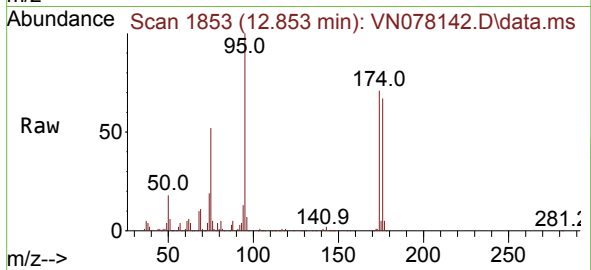
Tgt Ion: 75 Resp: 167341
 Ion Ratio Lower Upper
 75 100
 77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.111 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN078142.D
 Acq: 09 Jun 2023 13:47

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 167341
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.4 101.2#
 89 0.0 38.8 58.2#

