

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079292.D
 Acq On : 18 Sep 2023 18:01
 Operator : JC\MD
 Sample : 04436-21RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 01:26:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

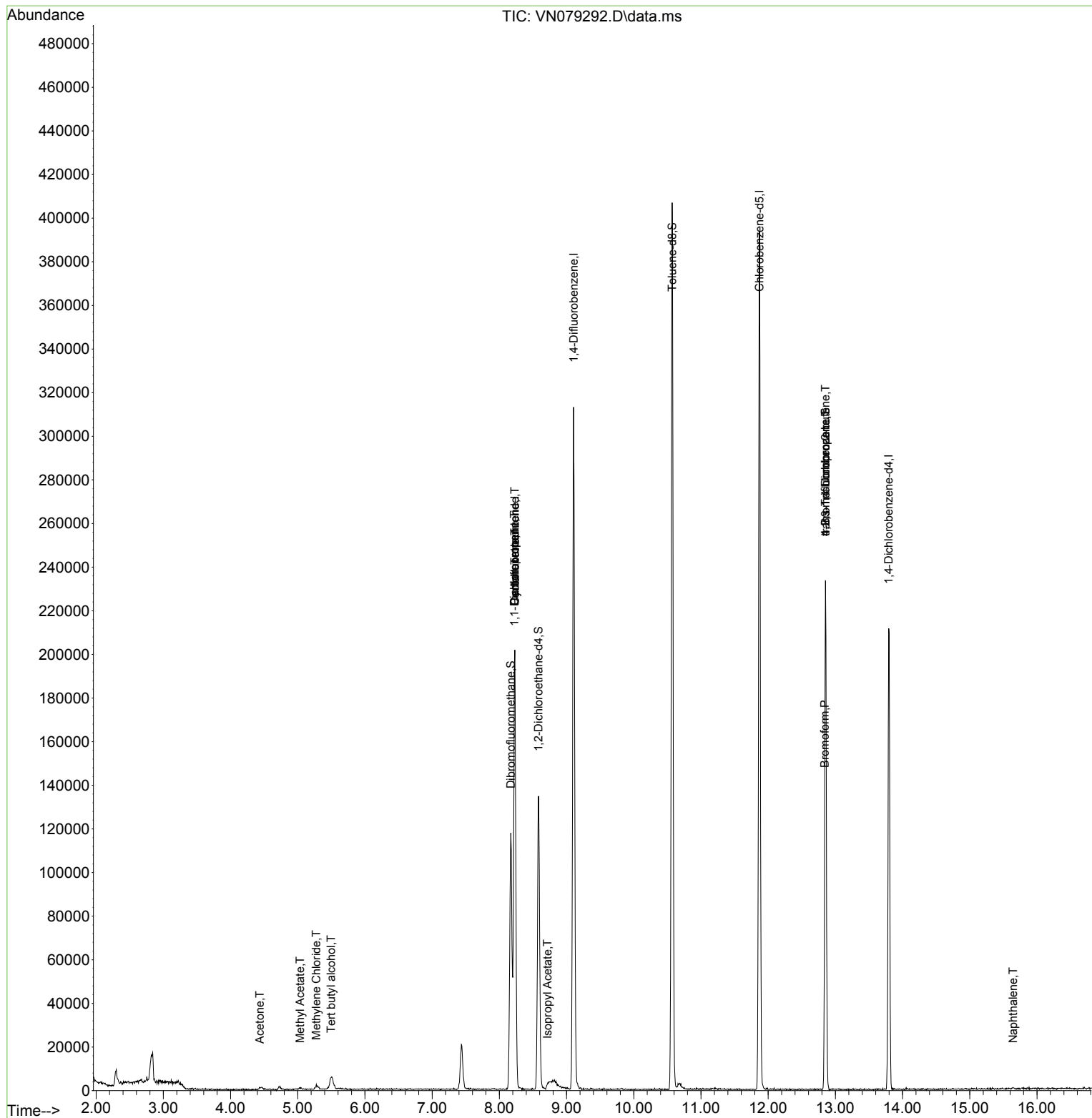
Internal Standards						
1) Pentafluorobenzene	8.230	168	136768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	256970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	220787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	56417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	108095	58.549	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.100%
35) Dibromofluoromethane	8.171	113	82365	48.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	10.571	98	275352	43.871	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.740%
62) 4-Bromofluorobenzene	12.853	95	76155	38.039	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	76.080%#
Target Compounds						
					Qvalue	
6) Chloroethane	3.136	64	384	Below Cal	#	43
11) Tert butyl alcohol	5.495	59	2835	8.317	ug/l #	72
16) Acetone	4.436	43	2186	2.788	ug/l #	40
18) Methyl Acetate	5.036	43	986	0.306	ug/l #	66
20) Methylene Chloride	5.277	84	1276	0.669	ug/l #	79
31) Cyclohexane	8.230	56	3820	1.417	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13124	4.981	ug/l #	47
38) Carbon Tetrachloride	8.230	117	15253	5.594	ug/l #	17
43) Isopropyl Acetate	8.718	43	2054	0.479	ug/l #	49
71) Bromoform	12.841	173	514	0.371	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	44162	29.044	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	44162	79.849	ug/l #	15
95) Naphthalene	15.647	128	891	0.397	ug/l #	70

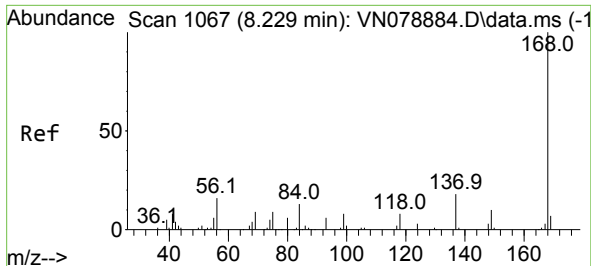
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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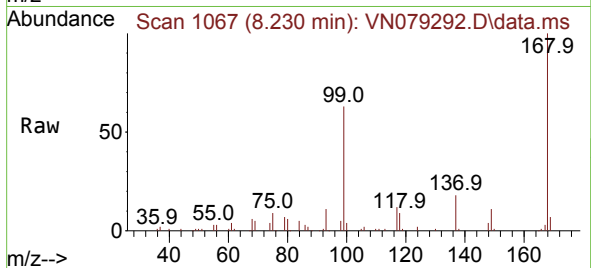
Quant Time: Sep 19 01:26:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



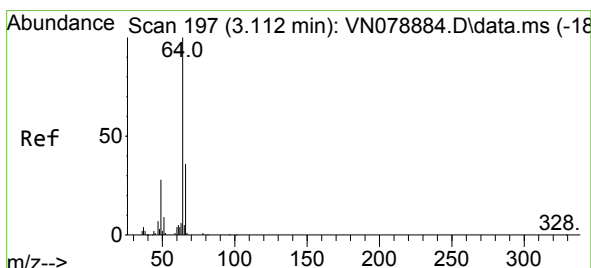
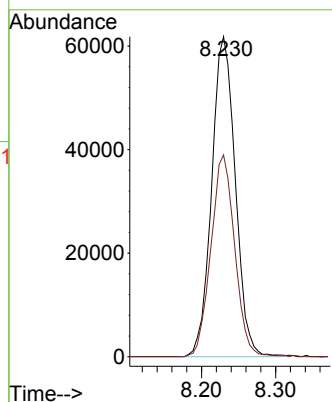
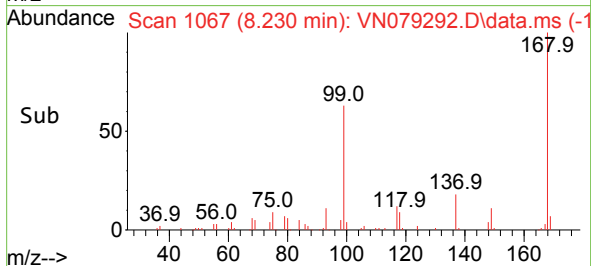


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :

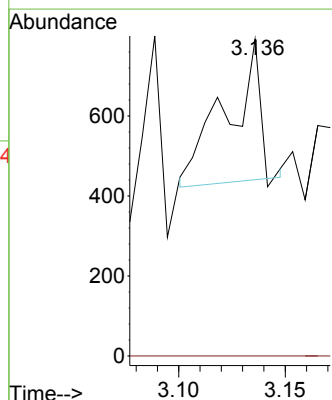
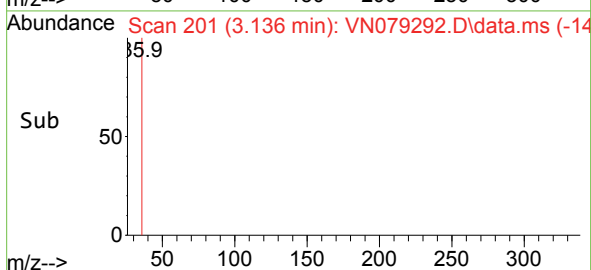
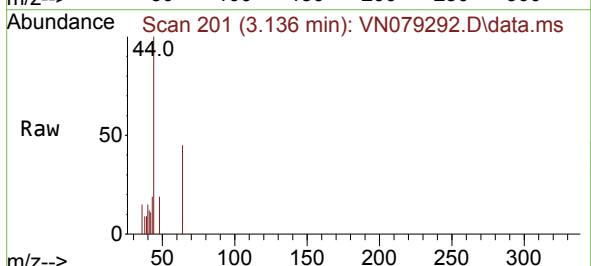


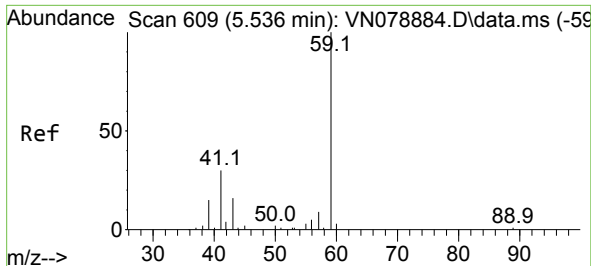
Tgt Ion:168 Resp: 136768
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

Tgt Ion: 64 Resp: 384
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 8.317 ug/l

RT: 5.495 min Scan# 609

Delta R.T. -0.047 min

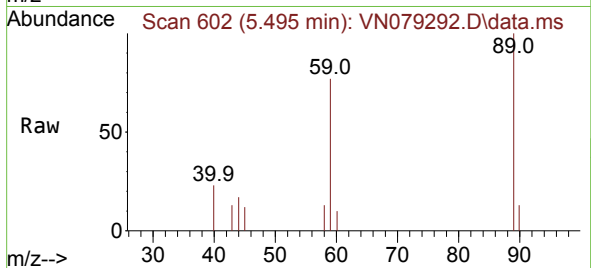
Lab File: VN079292.D

Acq: 18 Sep 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

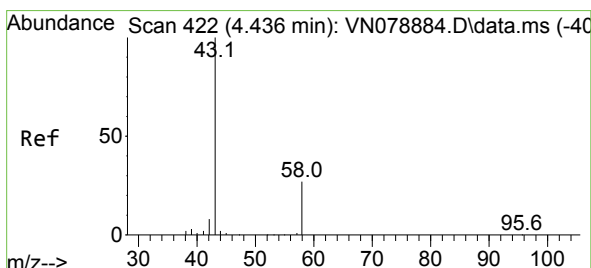
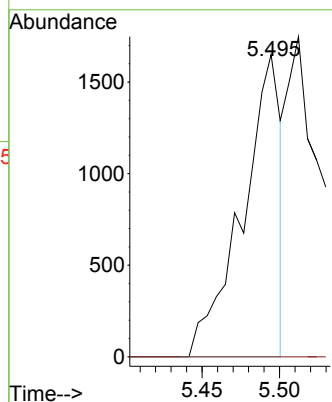
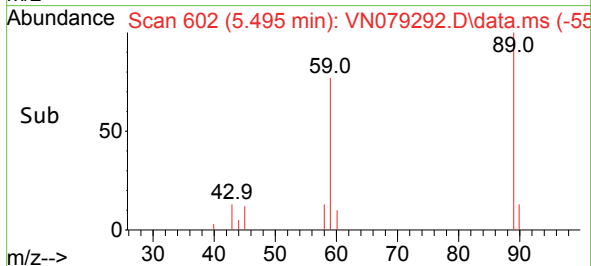


Tgt Ion: 59 Resp: 2835

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 2.788 ug/l

RT: 4.436 min Scan# 422

Delta R.T. -0.006 min

Lab File: VN079292.D

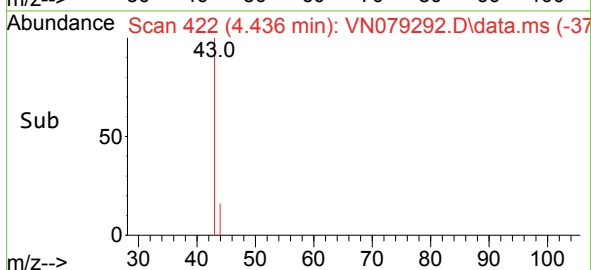
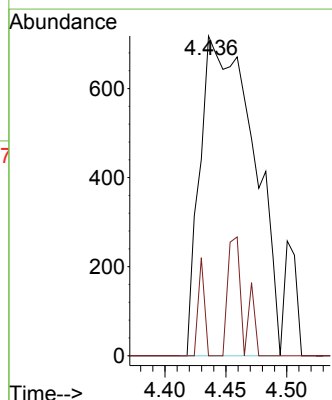
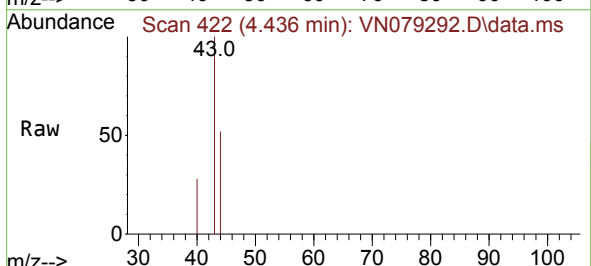
Acq: 18 Sep 2023 18:01

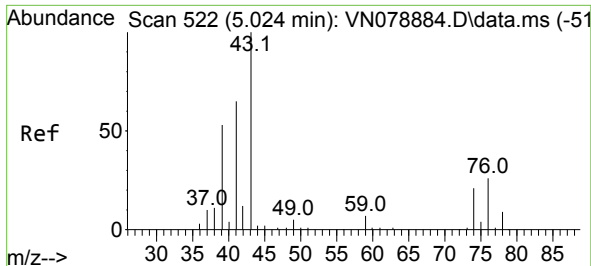
Tgt Ion: 43 Resp: 2186

Ion Ratio Lower Upper

43 100

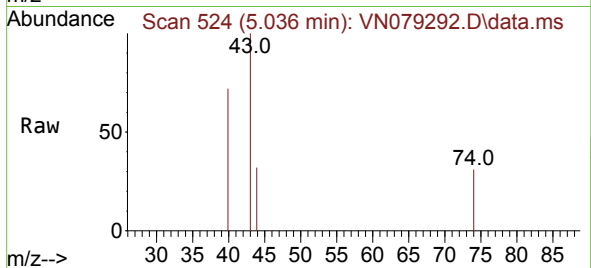
58 0.0 28.0 42.0#



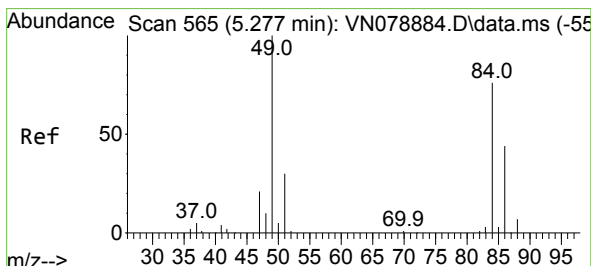
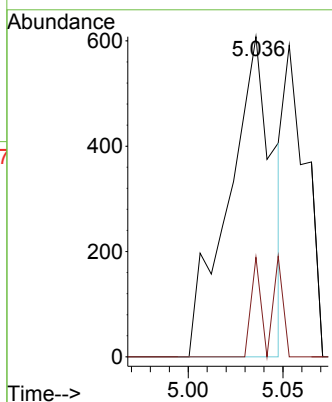
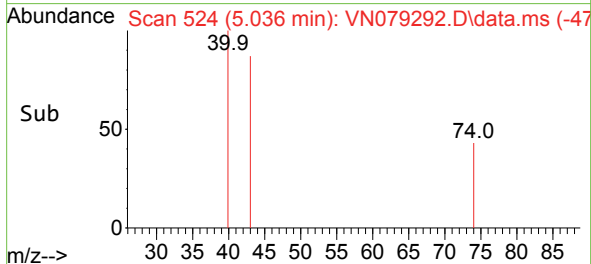


#18
Methyl Acetate
Concen: 0.306 ug/l
RT: 5.036 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :

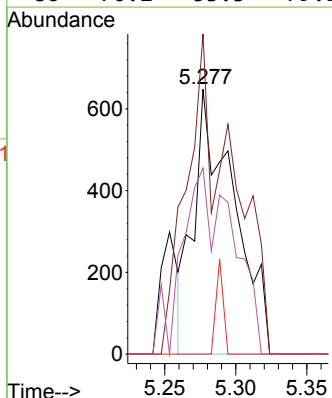
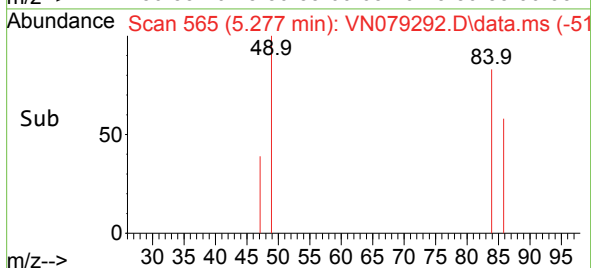
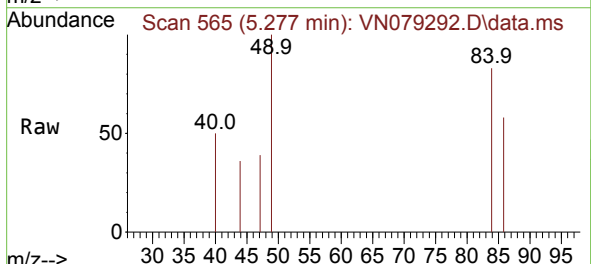


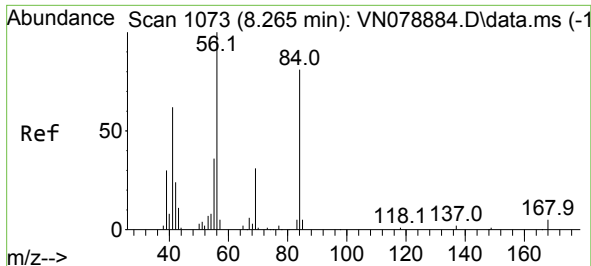
Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
74 13.6 26.2 39.4#



#20
Methylene Chloride
Concen: 0.669 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

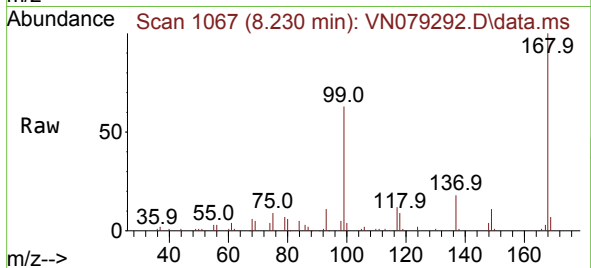
Tgt Ion: 84 Resp: 1276
Ion Ratio Lower Upper
84 100
49 120.8 79.7 119.5#
51 0.0 25.2 37.8#
86 70.2 53.3 79.9



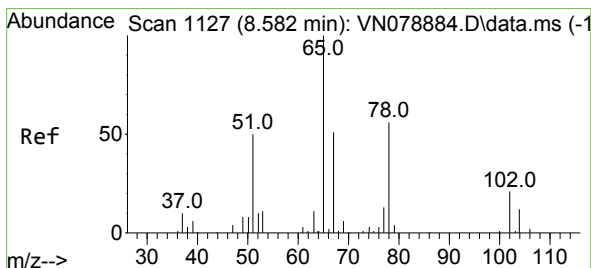
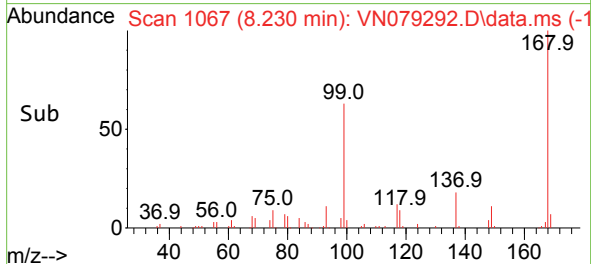
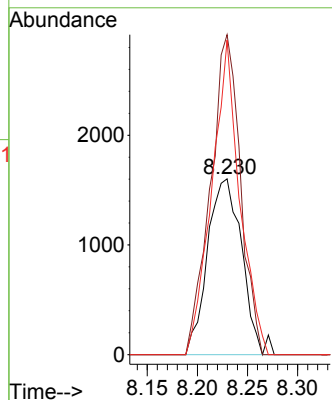


#31
Cyclohexane
Concen: 1.417 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :

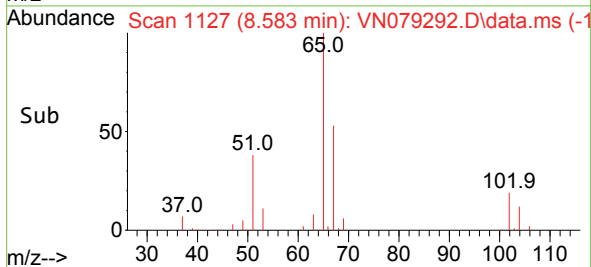
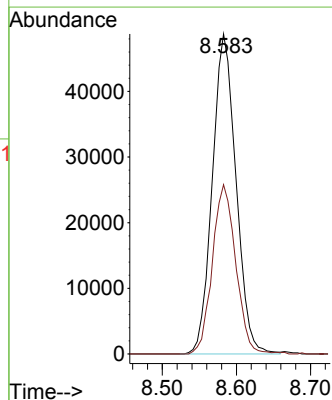
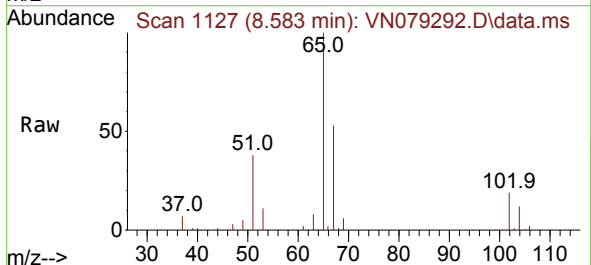


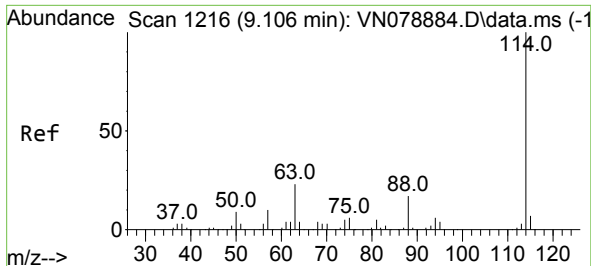
Tgt Ion: 56 Resp: 3820
Ion Ratio Lower Upper
56 100
69 182.1 26.8 40.2#
84 179.0 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 58.549 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

Tgt Ion: 65 Resp: 108095
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

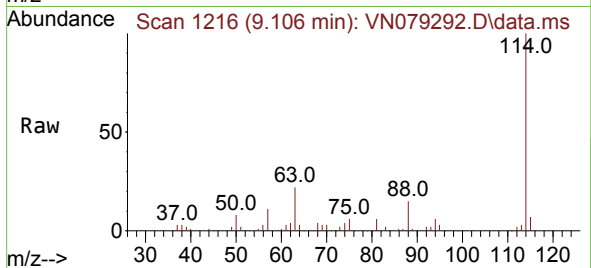
Lab File: VN079292.D

Acq: 18 Sep 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :



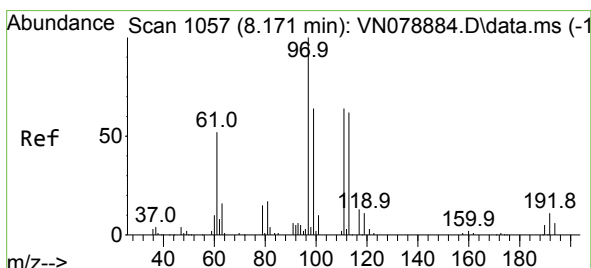
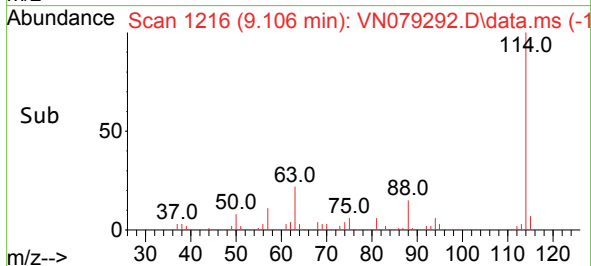
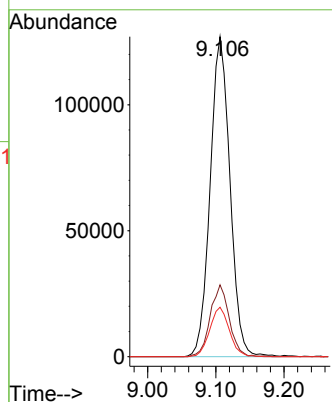
Tgt Ion:114 Resp: 256970

Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.186 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079292.D

Acq: 18 Sep 2023 18:01

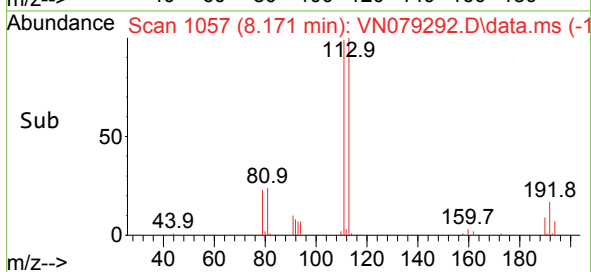
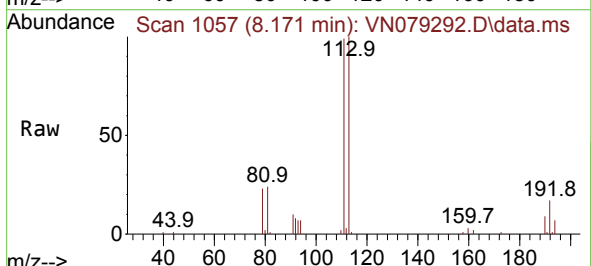
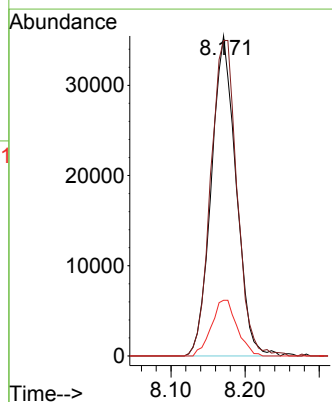
Tgt Ion:113 Resp: 82365

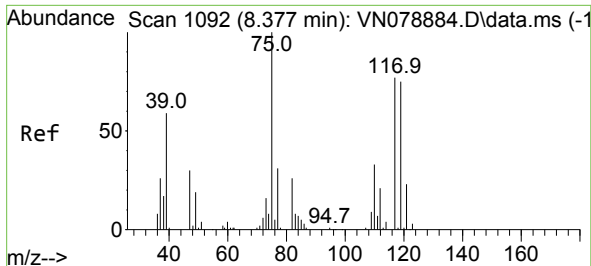
Ion Ratio Lower Upper

113 100

111 104.6 82.6 123.8

192 18.0 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.981 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

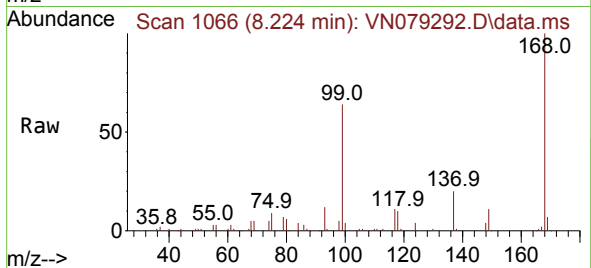
Lab File: VN079292.D

Acq: 18 Sep 2023 18:01

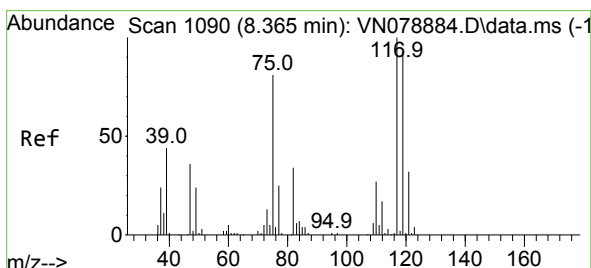
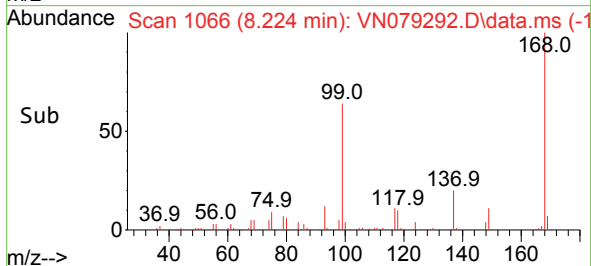
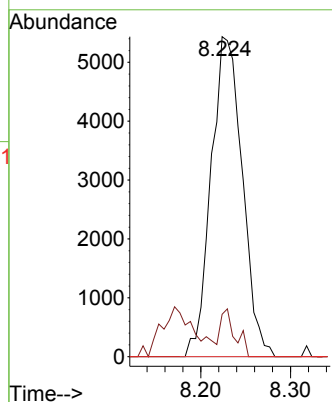
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 13124
Ion Ratio	Lower Upper
75	100
110	7.4 19.1 57.3#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.594 ug/l

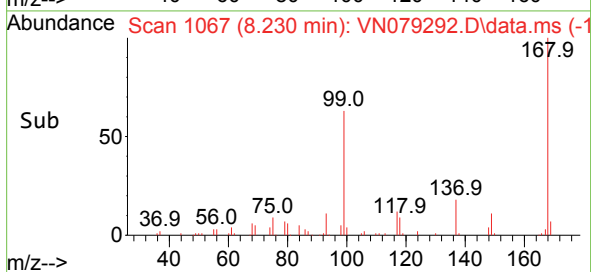
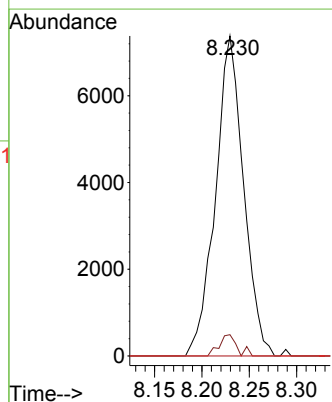
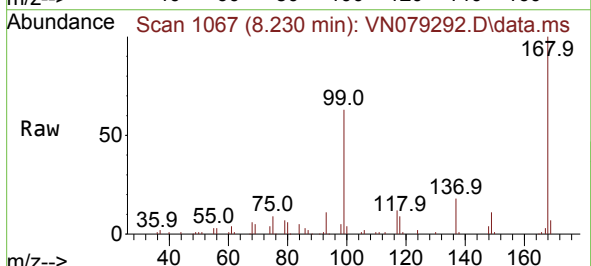
RT: 8.230 min Scan# 1067

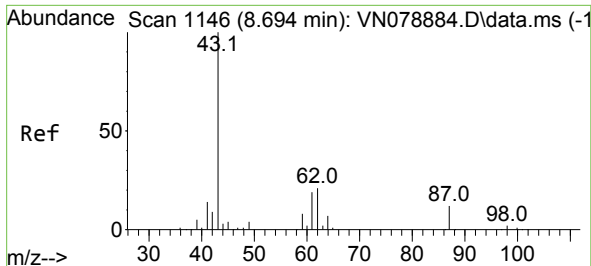
Delta R.T. -0.141 min

Lab File: VN079292.D

Acq: 18 Sep 2023 18:01

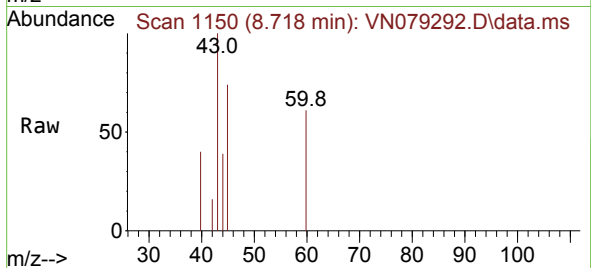
Tgt Ion: 117	Resp: 15253
Ion Ratio	Lower Upper
117	100
119	6.6 77.3 115.9#
121	0.0 23.3 34.9#



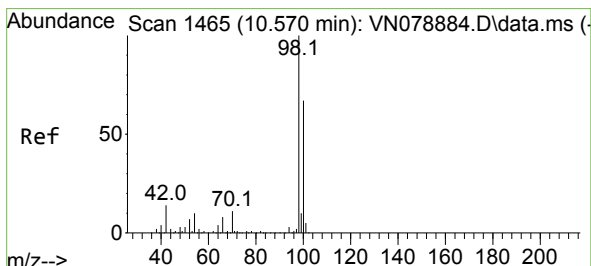
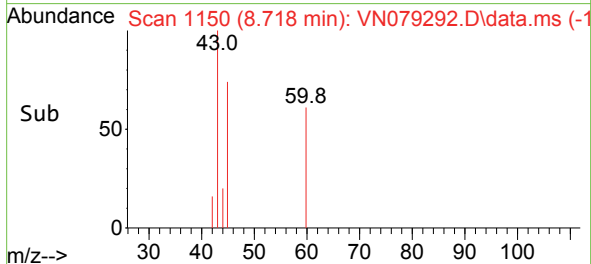
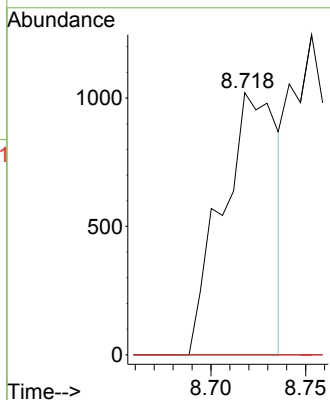


#43
Isopropyl Acetate
Concen: 0.479 ug/l
RT: 8.718 min Scan# 1146
Delta R.T. 0.024 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :

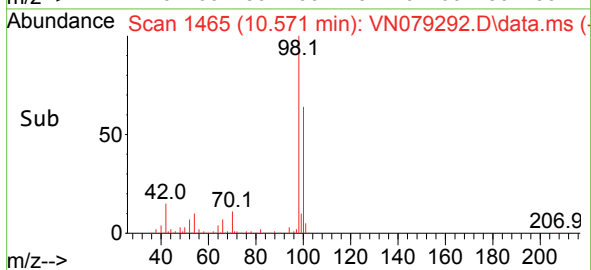
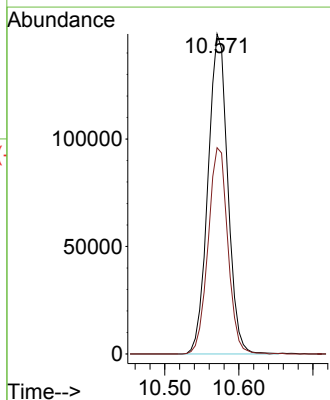
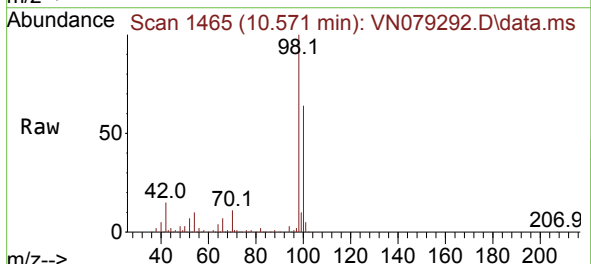


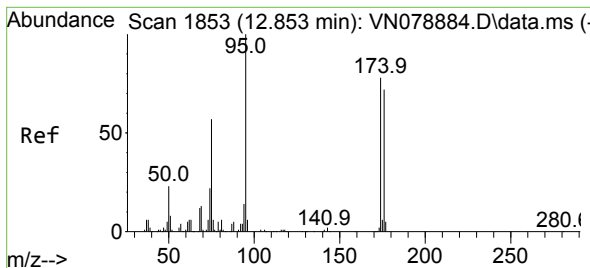
Tgt Ion: 43 Resp: 2054
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 43.871 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

Tgt Ion: 98 Resp: 275352
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

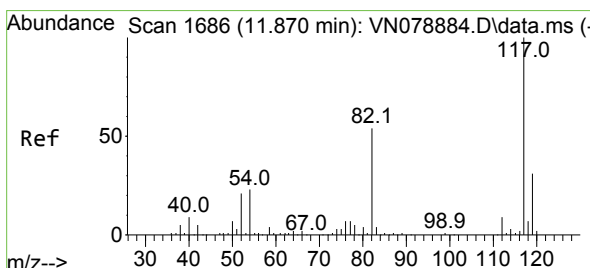
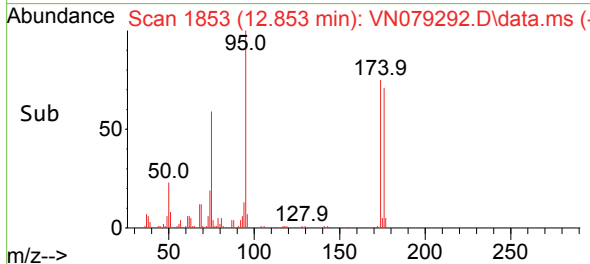
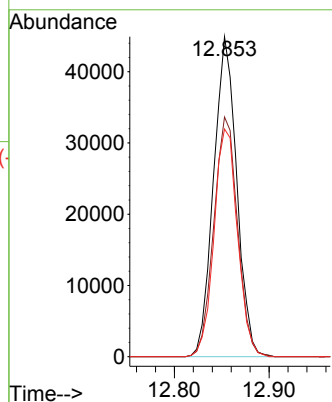
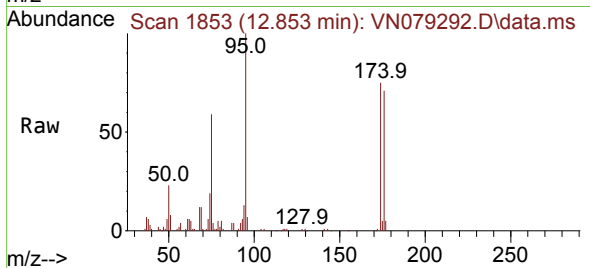




#62
4-Bromofluorobenzene
Concen: 38.039 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

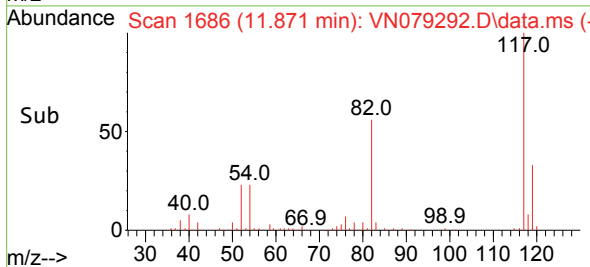
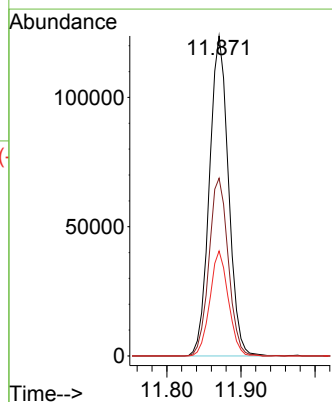
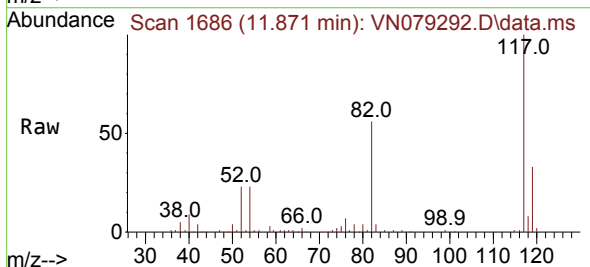
Instrument :
MSVOA_N
ClientSampleId :

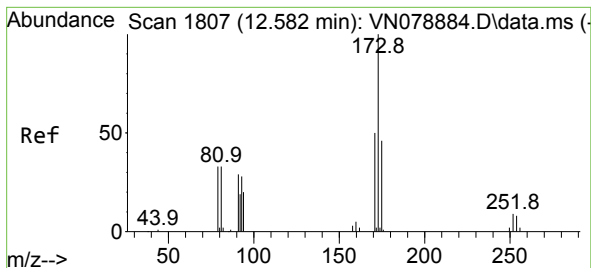
Tgt Ion: 95 Resp: 76155
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 72.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

Tgt Ion: 117 Resp: 220787
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 32.8 25.6 38.4





#71

Bromoform

Concen: 0.371 ug/l

RT: 12.841 min Scan# 11

Delta R.T. 0.259 min

Lab File: VN079292.D

Acq: 18 Sep 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

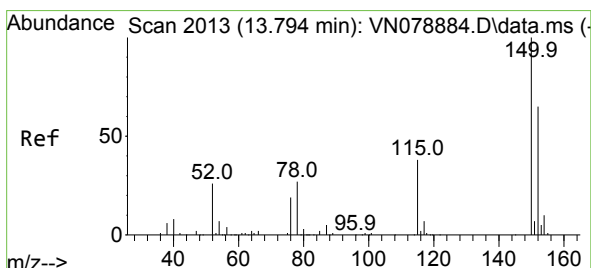
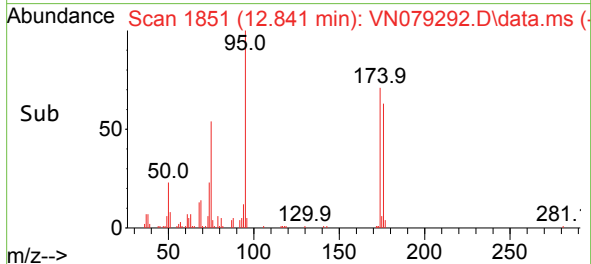
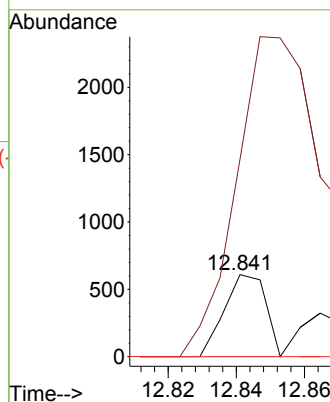
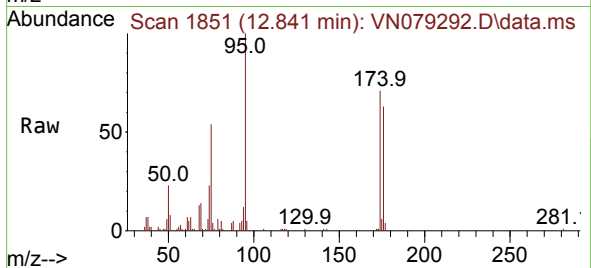
Tgt Ion:173 Resp: 514

Ion Ratio Lower Upper

173 100

175 628.8 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079292.D

Acq: 18 Sep 2023 18:01

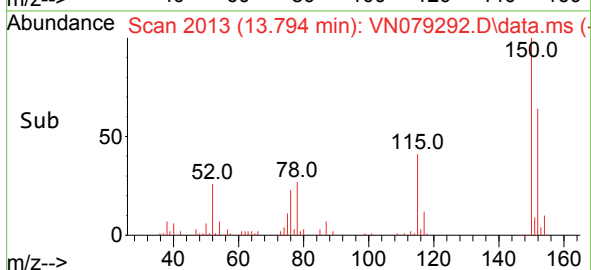
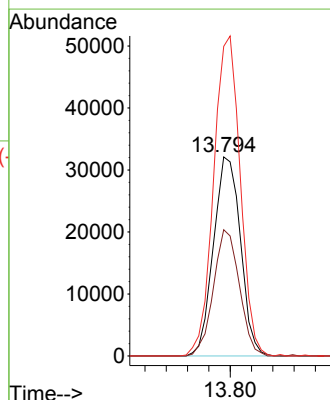
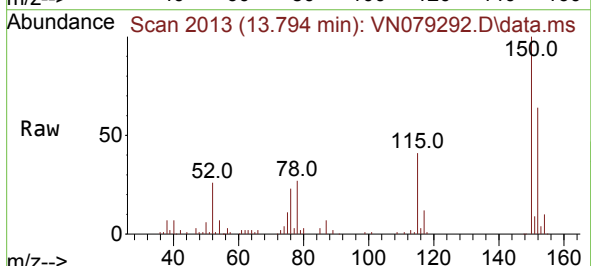
Tgt Ion:152 Resp: 56417

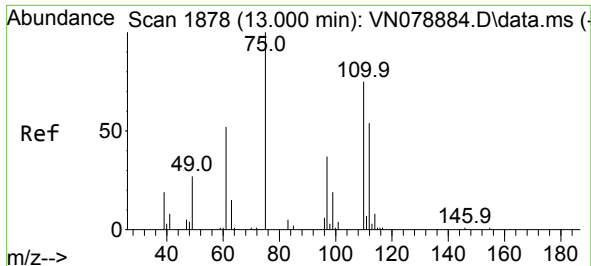
Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

150 158.3 0.0 355.8

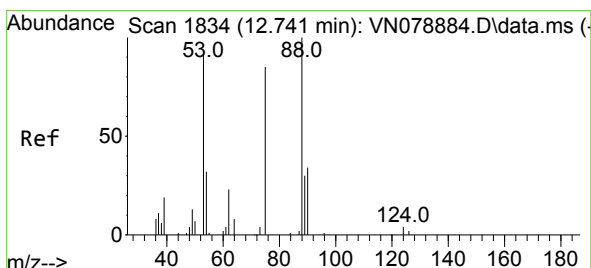
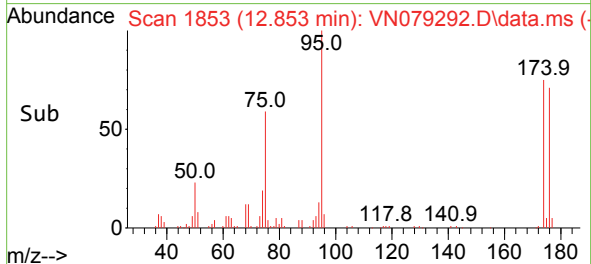
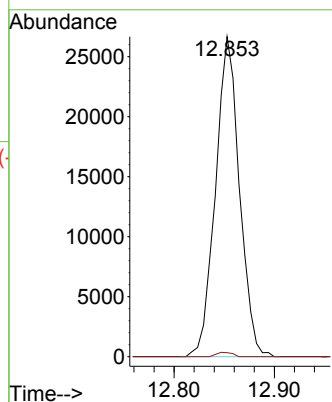
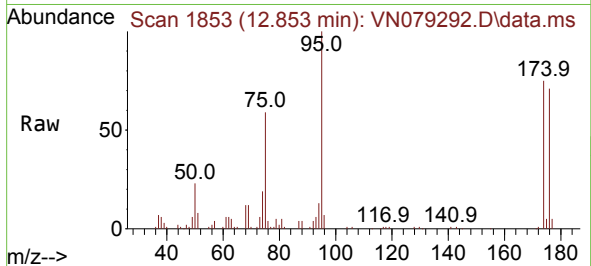




#76
1,2,3-Trichloropropane
Concen: 29.044 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

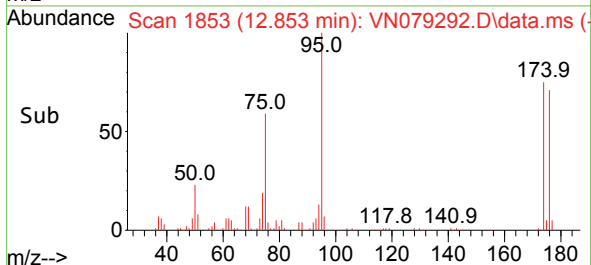
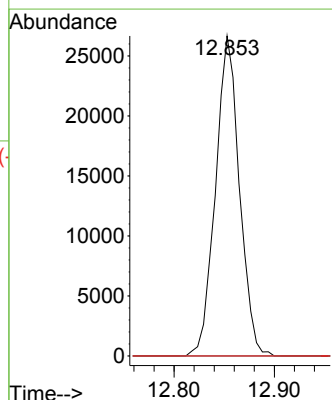
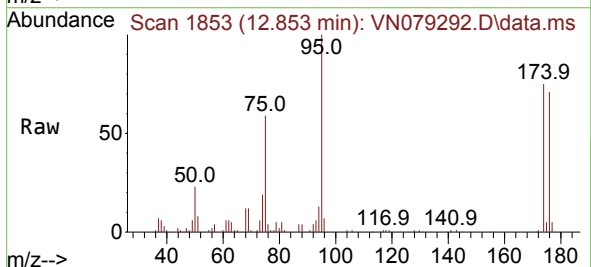
Instrument :
MSVOA_N
ClientSampleId :

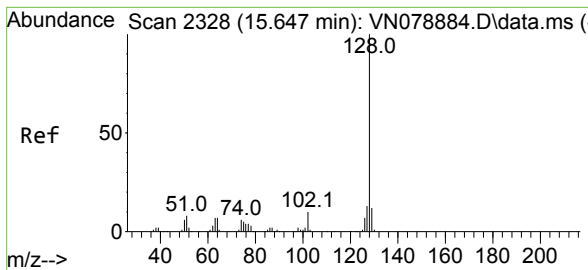
Tgt Ion: 75 Resp: 44162
Ion Ratio Lower Upper
75 100
77 0.9 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.849 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

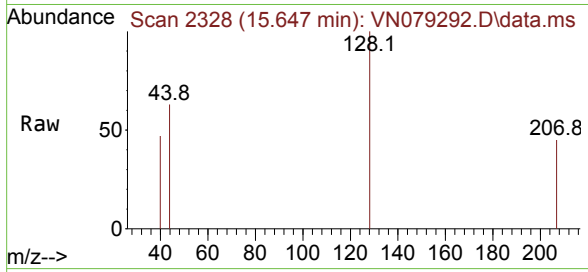
Tgt Ion: 75 Resp: 44162
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#





#95
 Naphthalene
 Concen: 0.397 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079292.D
 Acq: 18 Sep 2023 18:01

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	891
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.7	13.1#

