

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079276.D
 Acq On : 15 Sep 2023 16:54
 Operator : JC\MD
 Sample : 04408-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:55:31 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)

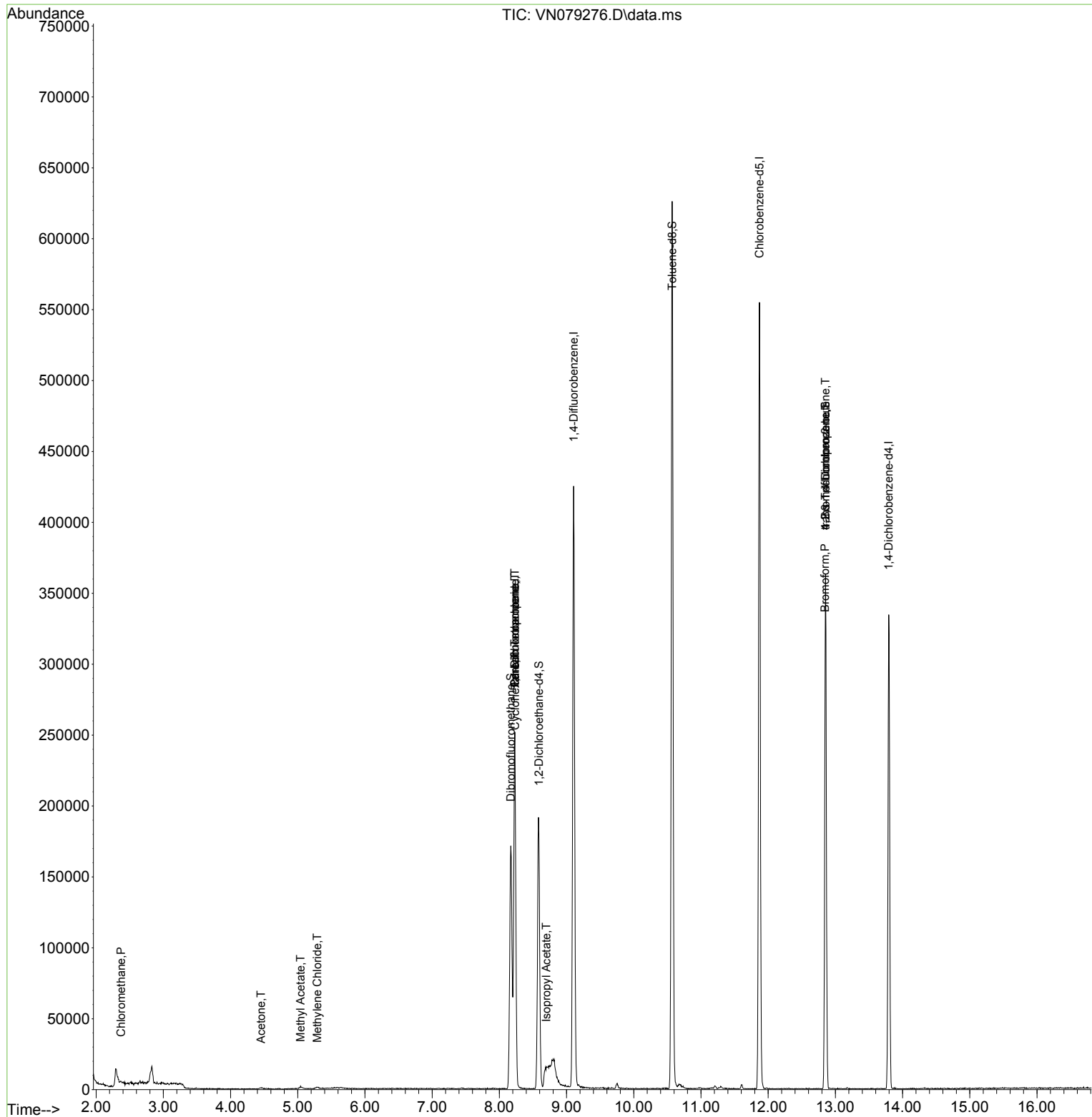
Internal Standards						
1) Pentafluorobenzene	8.230	168	174463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	352935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	312569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	153652	65.243	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 130.480%#	
35) Dibromofluoromethane	8.171	113	125133	53.301	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.600%	
50) Toluene-d8	10.571	98	421700	48.920	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.840%	
62) 4-Bromofluorobenzene	12.853	95	121648	44.241	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.480%	
Target Compounds						Qvalue
3) Chloromethane	2.371	50	1148	0.507	ug/l #	59
6) Chloroethane	3.112	64	220	Below Cal	#	43
16) Acetone	4.453	43	816	0.816	ug/l #	40
18) Methyl Acetate	5.042	43	2603	0.633	ug/l #	52
20) Methylene Chloride	5.289	84	824	0.339	ug/l #	76
31) Cyclohexane	8.235	56	4722	1.373	ug/l #	39
36) 1,1-Dichloropropene	8.230	75	15228	4.208	ug/l #	48
38) Carbon Tetrachloride	8.230	117	18458	4.929	ug/l #	19
43) Isopropyl Acetate	8.700	43	15214	2.583	ug/l #	49
71) Bromoform	12.847	173	754	0.385	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	65993	27.779	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65993	76.371	ug/l #	15

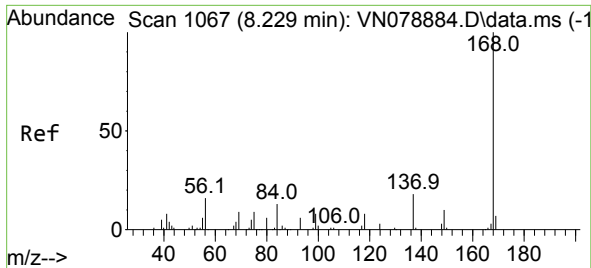
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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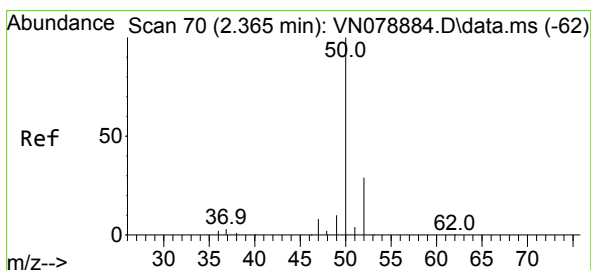
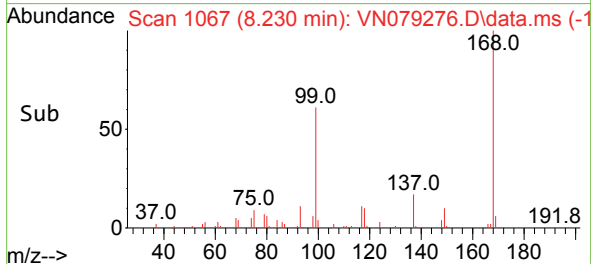
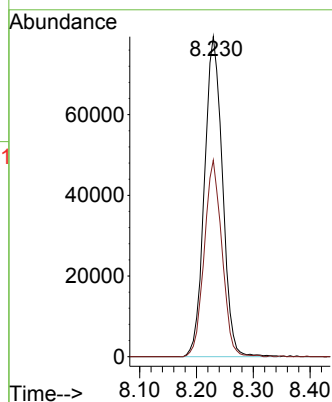
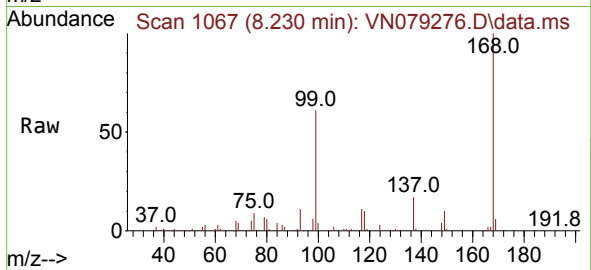




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

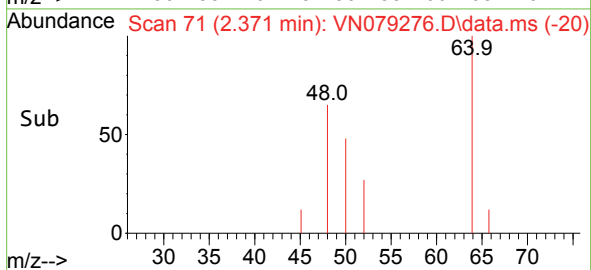
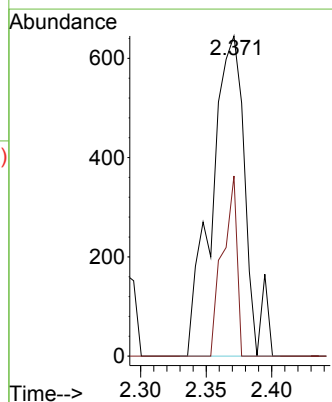
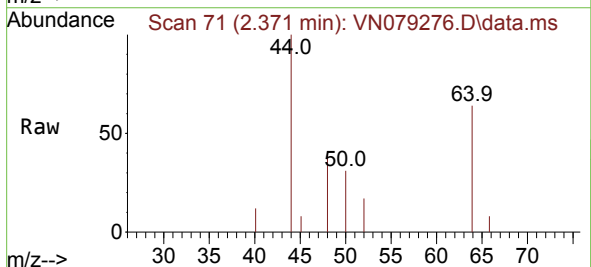
Instrument :
MSVOA_N
ClientSampleId :

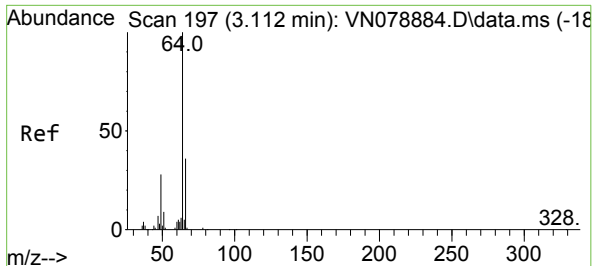
Tgt Ion:168 Resp: 174463
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#3
Chloromethane
Concen: 0.507 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

Tgt Ion: 50 Resp: 1148
Ion Ratio Lower Upper
50 100
52 56.3 26.5 39.7#

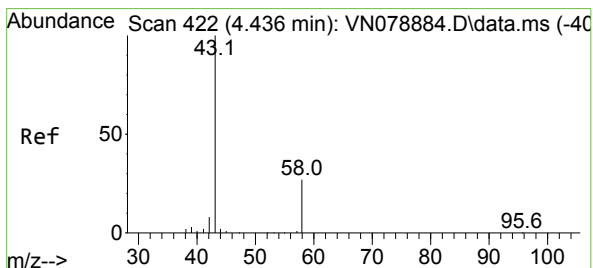
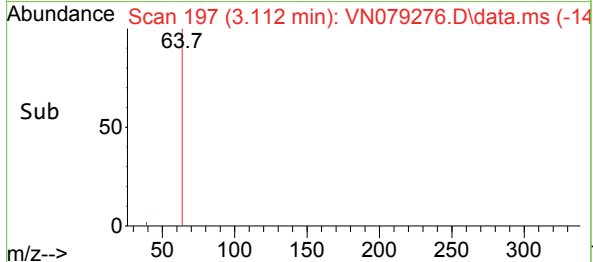
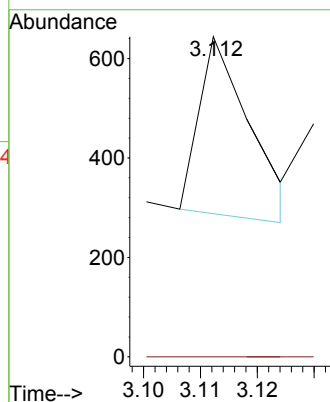
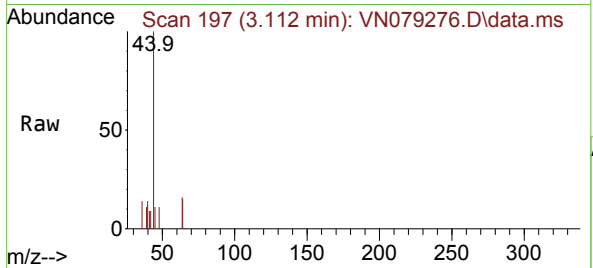




#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

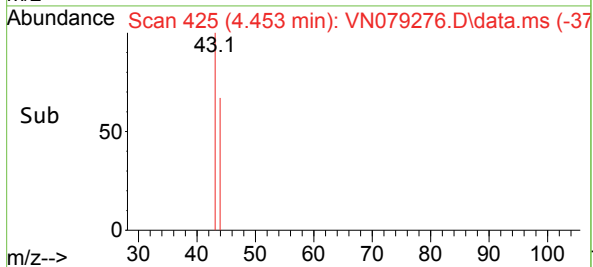
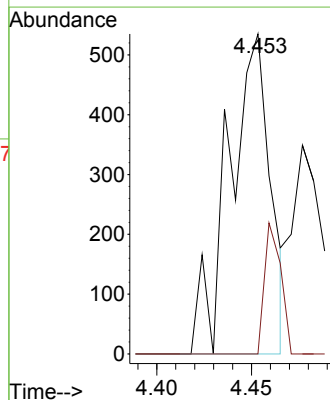
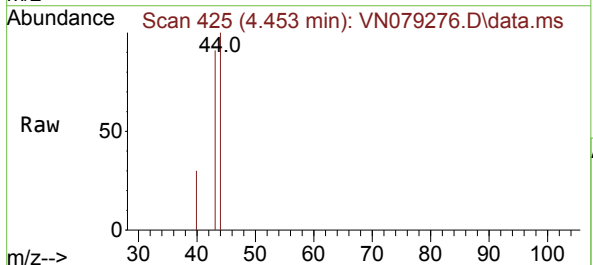
Instrument :
MSVOA_N
ClientSampleId :

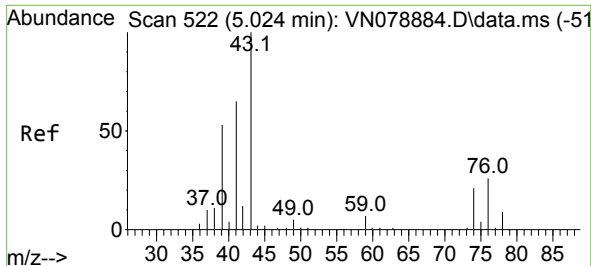
Tgt Ion: 64 Resp: 220
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 0.816 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

Tgt Ion: 43 Resp: 816
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

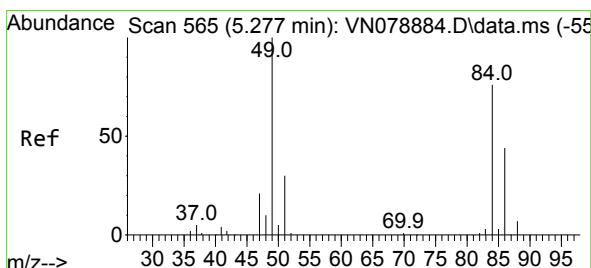
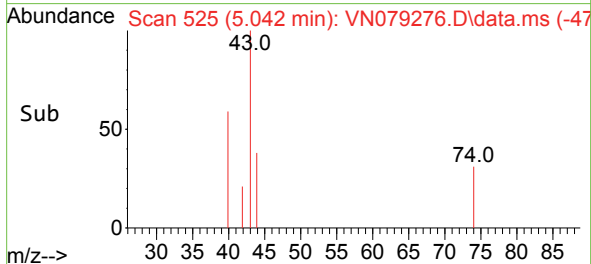
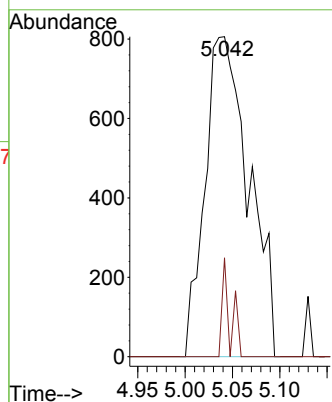
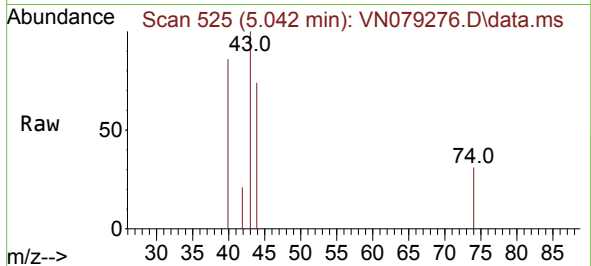




#18
Methyl Acetate
Concen: 0.633 ug/l
RT: 5.042 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

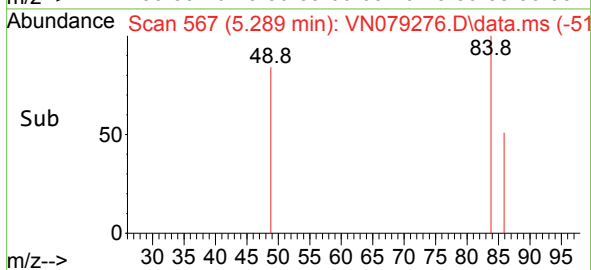
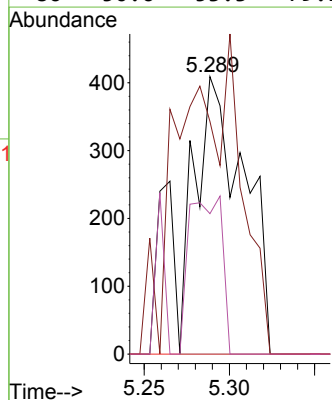
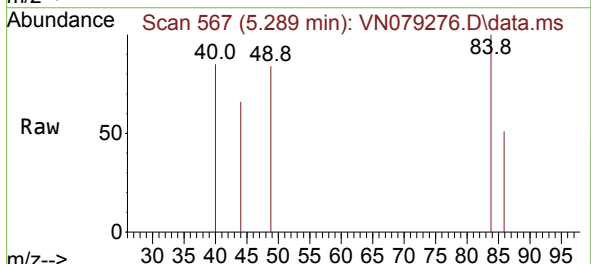
Instrument :
MSVOA_N
ClientSampleId :

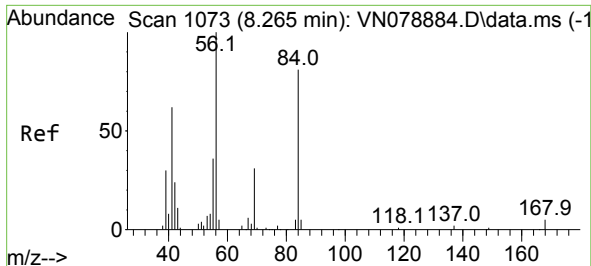
Tgt Ion: 43 Resp: 2603
Ion Ratio Lower Upper
43 100
74 5.6 26.2 39.4#



#20
Methylene Chloride
Concen: 0.339 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

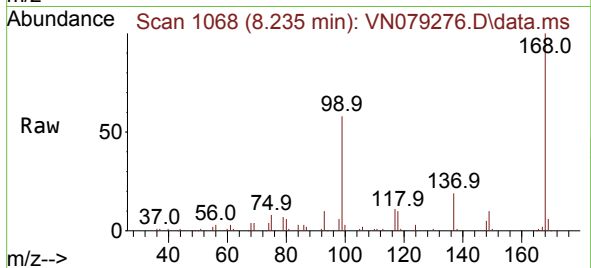
Tgt Ion: 84 Resp: 824
Ion Ratio Lower Upper
84 100
49 83.9 79.7 119.5
51 0.0 25.2 37.8#
86 50.6 53.3 79.9#



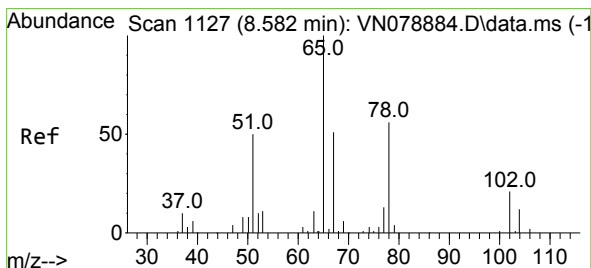
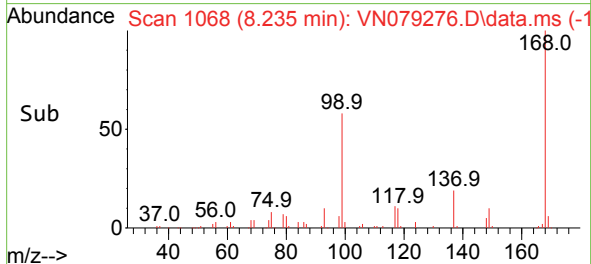
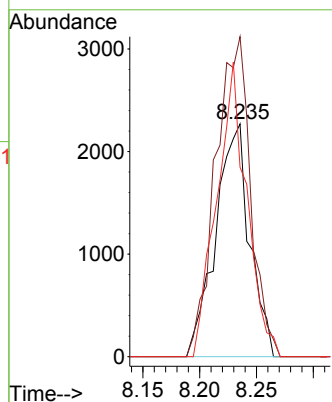


#31
Cyclohexane
Concen: 1.373 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :

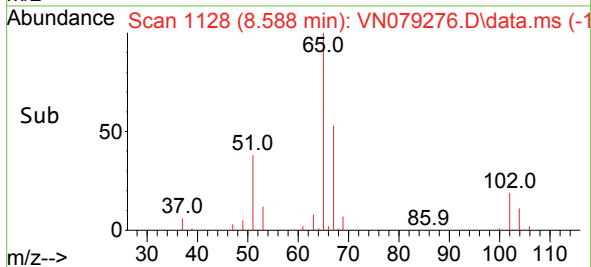
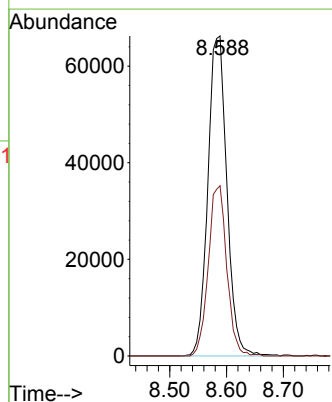
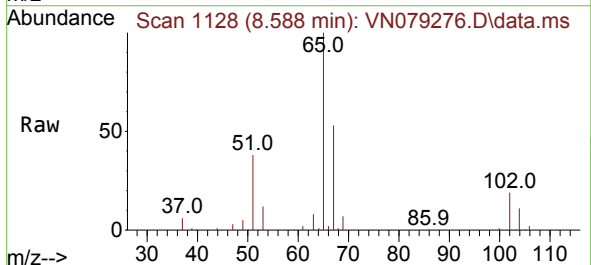


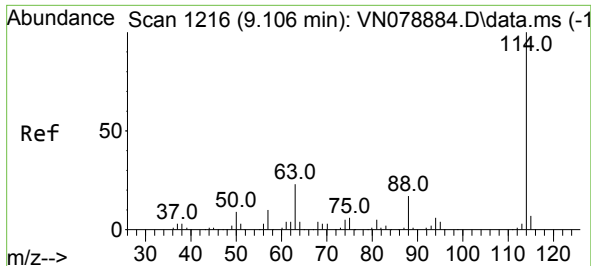
Tgt Ion: 56 Resp: 4722
Ion Ratio Lower Upper
56 100
69 137.4 26.8 40.2#
84 81.4 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 65.243 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

Tgt Ion: 65 Resp: 153652
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079276.D

Acq: 15 Sep 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

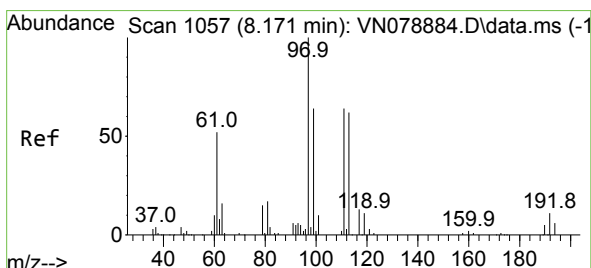
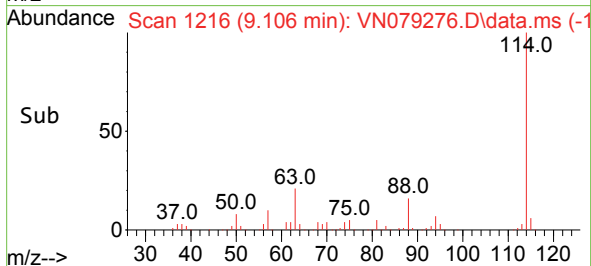
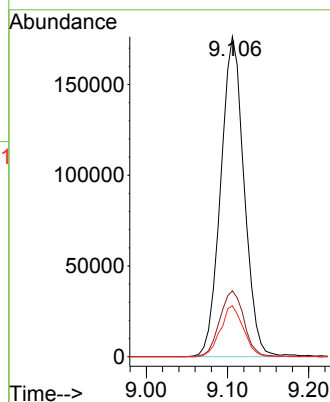
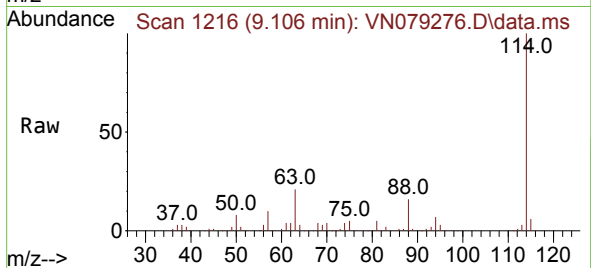
Tgt Ion:114 Resp: 352935

Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.301 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079276.D

Acq: 15 Sep 2023 16:54

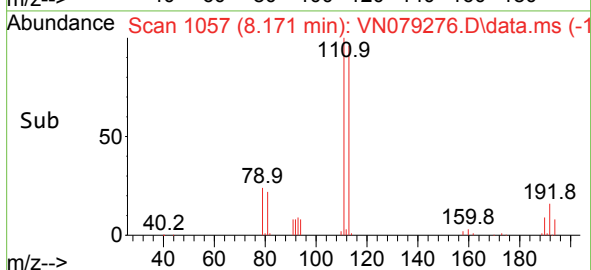
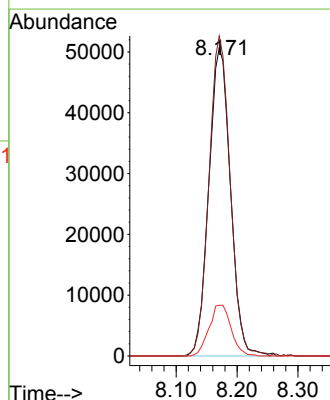
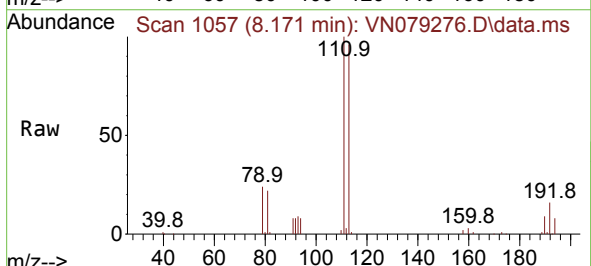
Tgt Ion:113 Resp: 125133

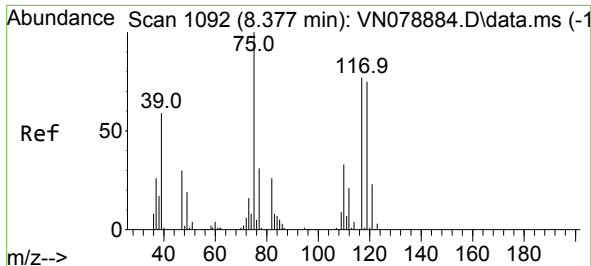
Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

192 16.8 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.208 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

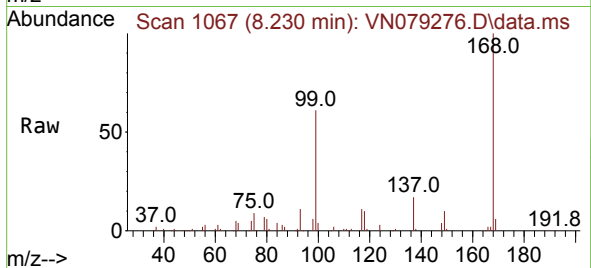
Lab File: VN079276.D

Acq: 15 Sep 2023 16:54

Instrument :

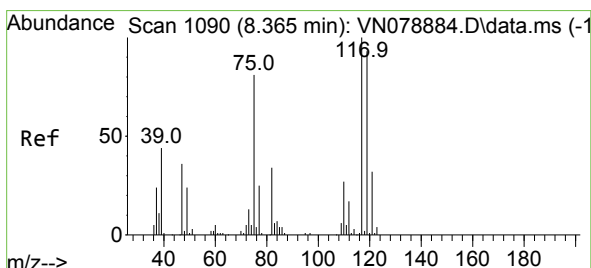
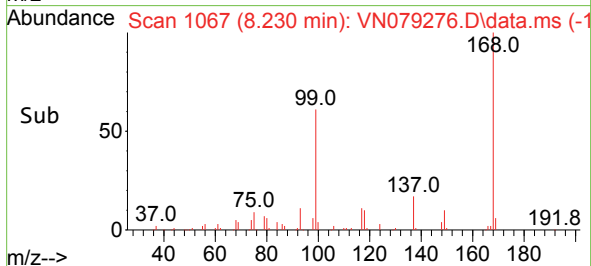
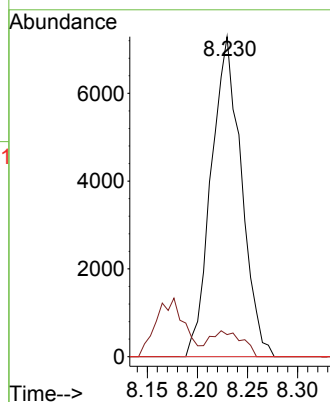
MSVOA_N

ClientSampleId :



Tgt Ion: 75 Resp: 15228

Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.1	57.3#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 4.929 ug/l

RT: 8.230 min Scan# 1067

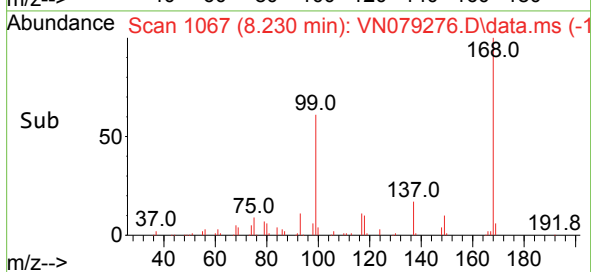
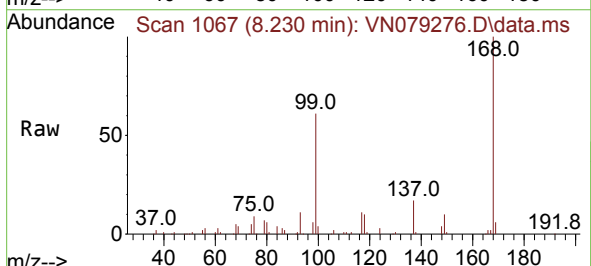
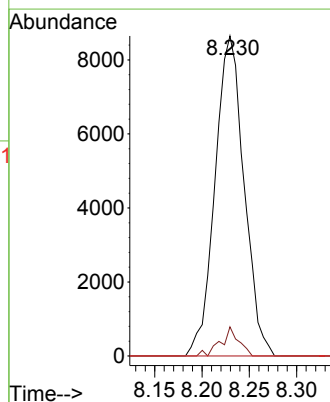
Delta R.T. -0.141 min

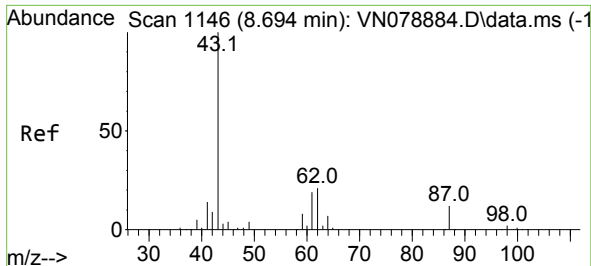
Lab File: VN079276.D

Acq: 15 Sep 2023 16:54

Tgt Ion: 117 Resp: 18458

Ion	Ratio	Lower	Upper
117	100		
119	9.1	77.3	115.9#
121	0.0	23.3	34.9#

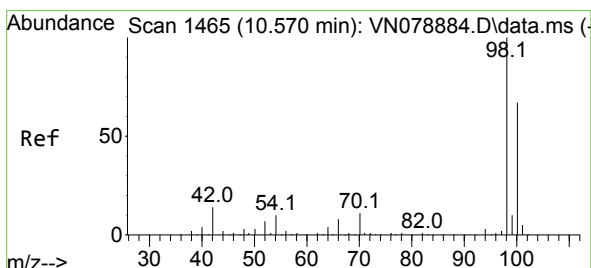
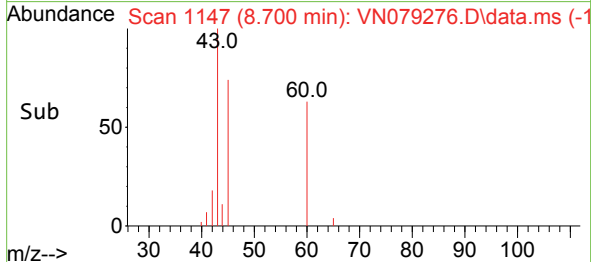
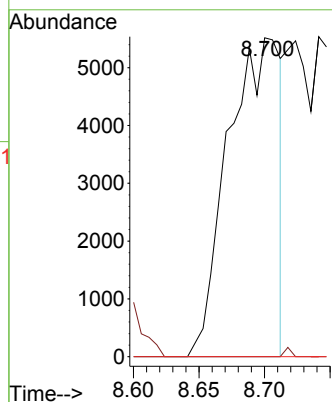
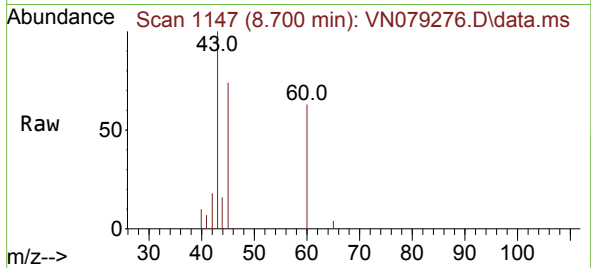




#43
Isopropyl Acetate
Concen: 2.583 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

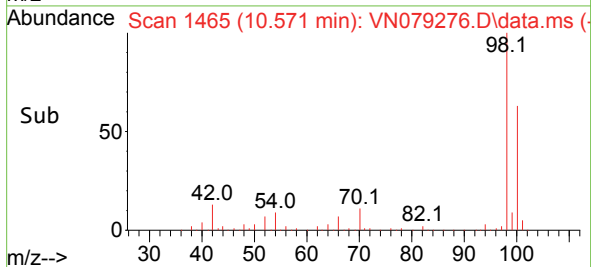
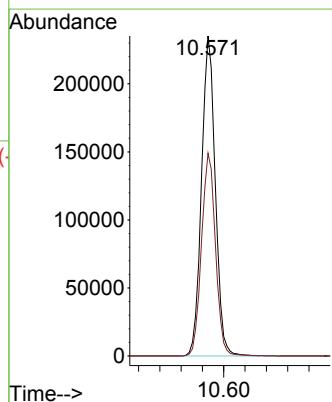
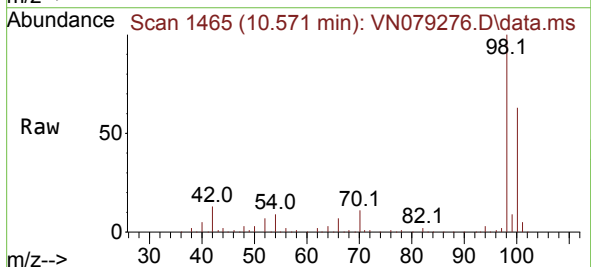
Instrument :
MSVOA_N
ClientSampleId :

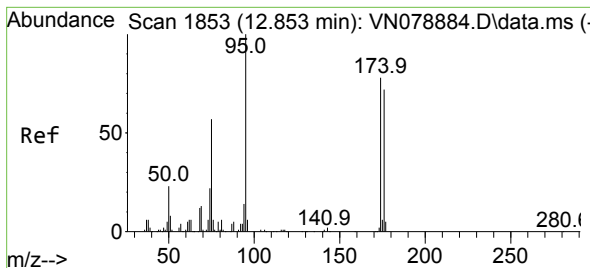
Tgt Ion: 43 Resp: 15214
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 48.920 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

Tgt Ion: 98 Resp: 421700
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 44.241 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

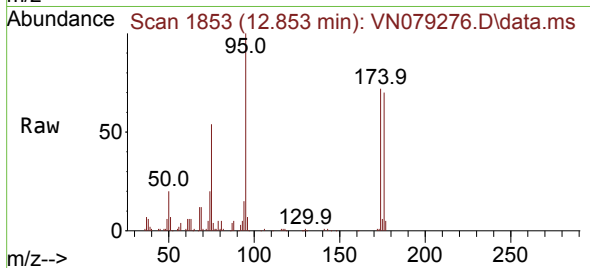
Lab File: VN079276.D

Acq: 15 Sep 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :



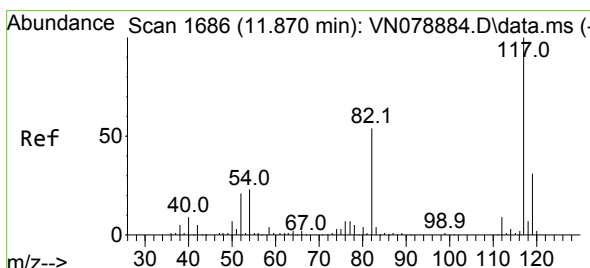
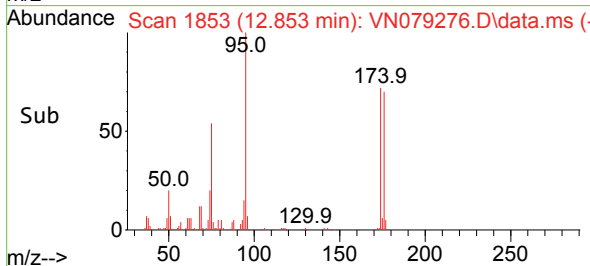
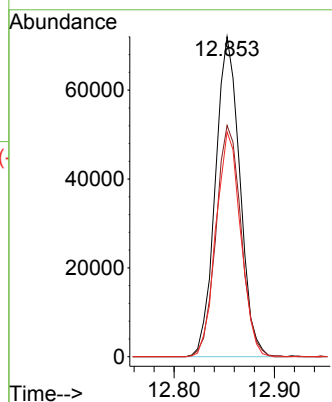
Tgt Ion: 95 Resp: 121648

Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.8

176 71.2 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: VN079276.D

Acq: 15 Sep 2023 16:54

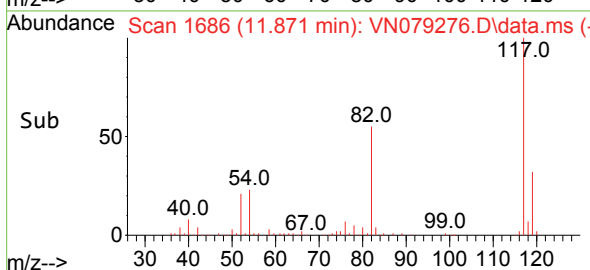
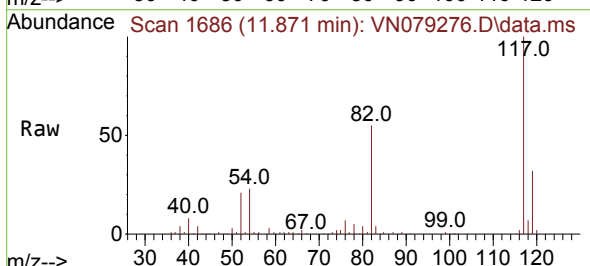
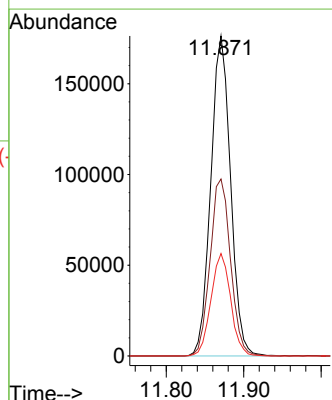
Tgt Ion: 117 Resp: 312569

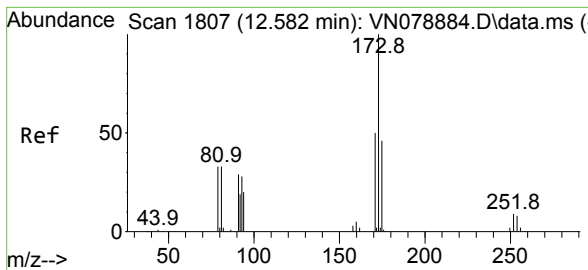
Ion Ratio Lower Upper

117 100

82 55.3 44.0 66.0

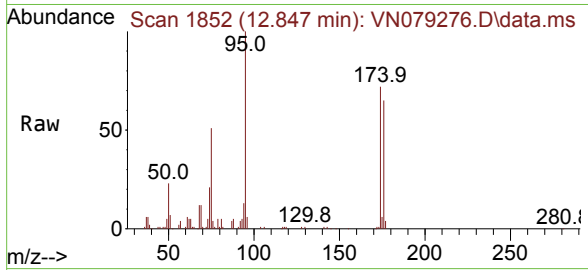
119 32.0 25.6 38.4



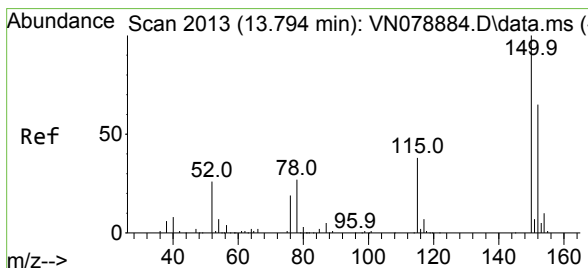
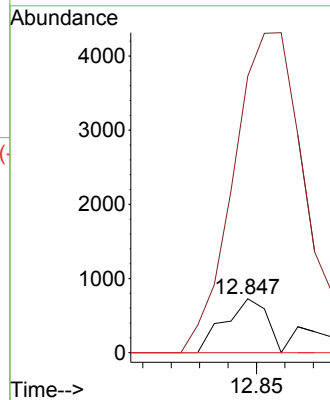
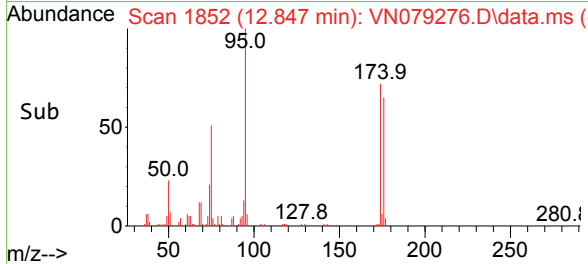


#71
Bromoform
Concen: 0.385 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

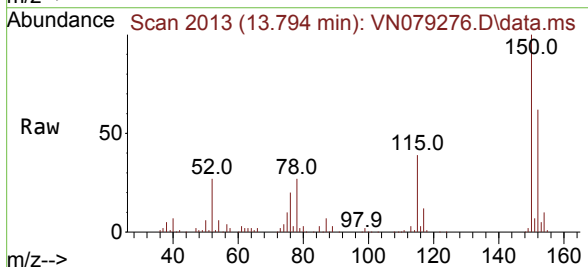
Instrument :
MSVOA_N
ClientSampleId :



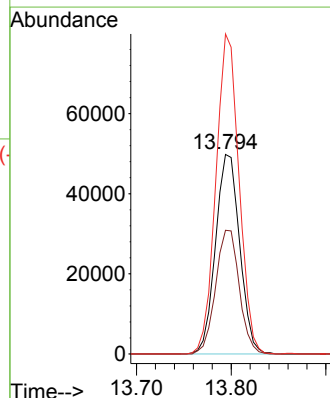
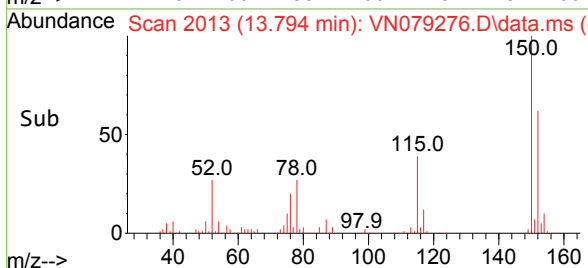
Tgt Ion:173 Resp: 754
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

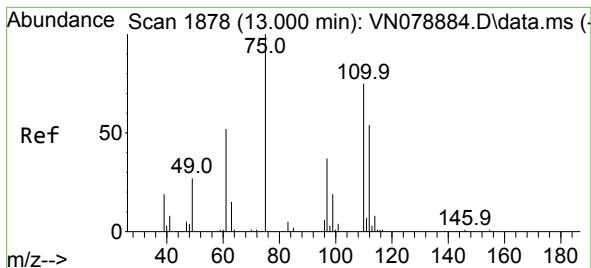


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54



Tgt Ion:152 Resp: 88145
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 153.5 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 27.779 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079276.D

Acq: 15 Sep 2023 16:54

Instrument :

MSVOA_N

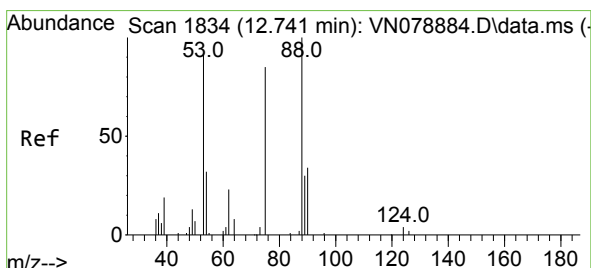
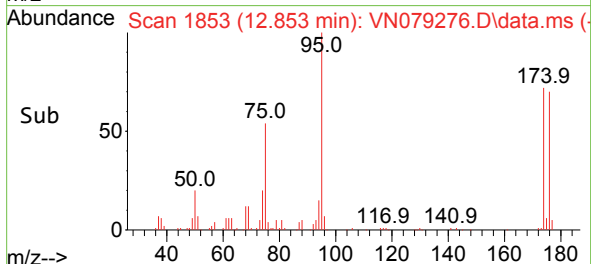
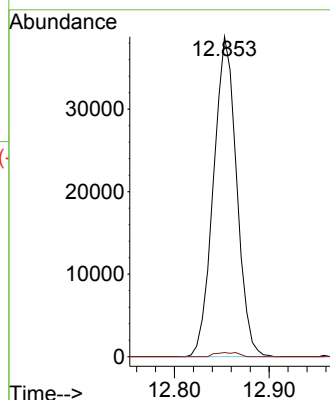
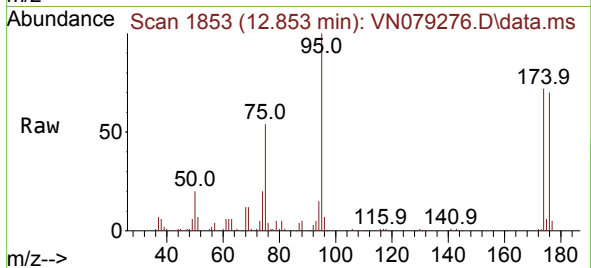
ClientSampleId :

Tgt Ion: 75 Resp: 65993

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.371 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079276.D

Acq: 15 Sep 2023 16:54

Tgt Ion: 75 Resp: 65993

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

