

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079825.D
 Acq On : 03 Nov 2023 05:10
 Operator : JC\MD
 Sample : 05222-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-1

Quant Time: Nov 03 05:41:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

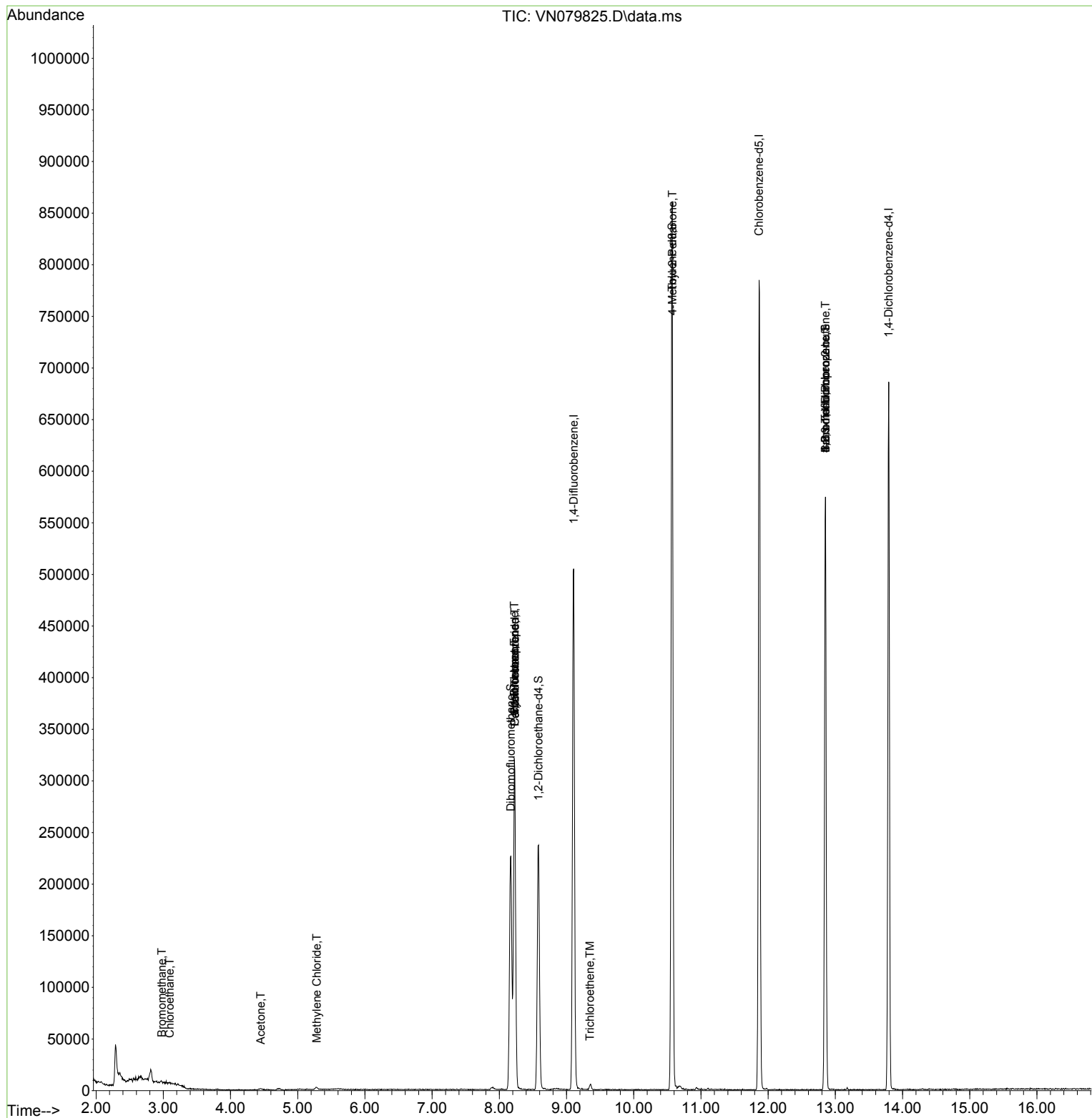
Internal Standards						
1) Pentafluorobenzene	8.230	168	220726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	430535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	449330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	174016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	197804	58.821	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.640%	
35) Dibromofluoromethane	8.171	113	166300	54.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.160%	
50) Toluene-d8	10.571	98	578503	51.571	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	12.853	95	189801	51.017	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	1725	Below Cal	#	84
5) Bromomethane	2.977	94	912	0.431	ug/l #	69
6) Chloroethane	3.095	64	1493	0.543	ug/l #	43
16) Acetone	4.448	43	2333	1.975	ug/l #	77
20) Methylene Chloride	5.283	84	1456	0.488	ug/l #	66
31) Cyclohexane	8.224	56	6306	1.419	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	19858	4.564	ug/l #	45
38) Carbon Tetrachloride	8.230	117	23162	5.282	ug/l #	18
44) Trichloroethene	9.347	130	1885	0.583	ug/l	74
51) 4-Methyl-2-Pentanone	10.577	43	2603	0.661	ug/l #	1
71) Bromoform	12.853	173	1593	0.639	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	106675	26.111	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	106675	71.043	ug/l #	15

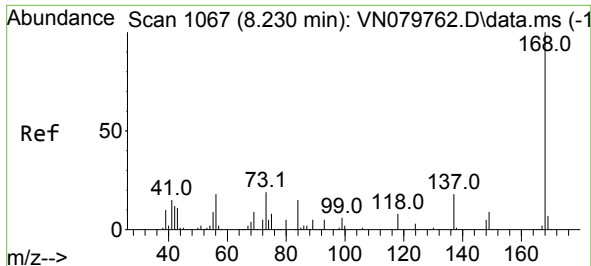
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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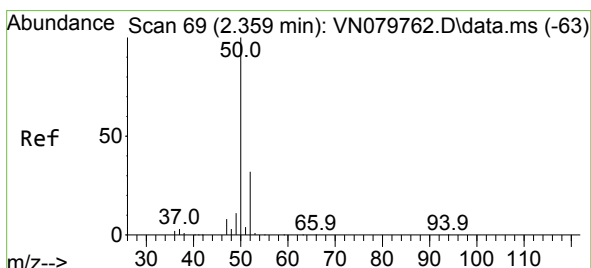
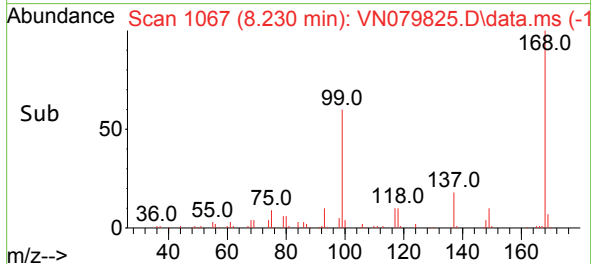
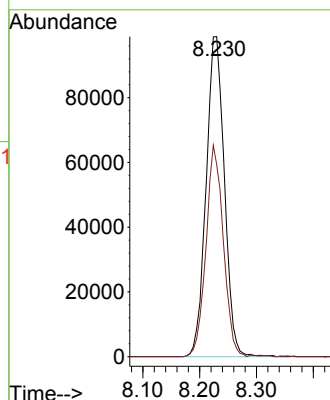
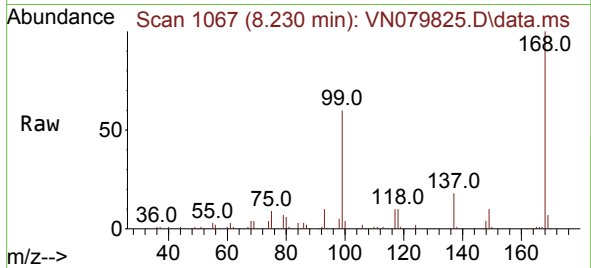




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

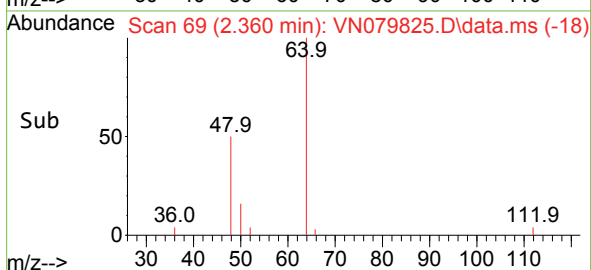
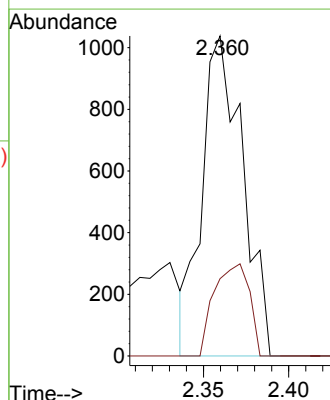
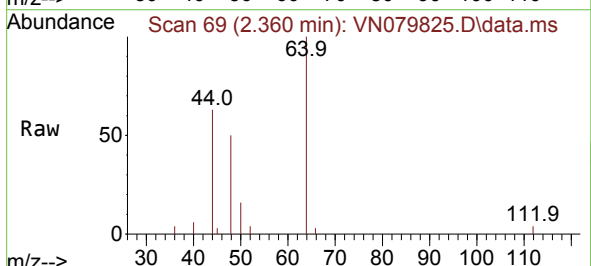
Instrument :
MSVOA_N
ClientSampleId :
TB-1

Tgt Ion:168 Resp: 220726
Ion Ratio Lower Upper
168 100
99 60.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

Tgt Ion: 50 Resp: 1725
Ion Ratio Lower Upper
50 100
52 24.2 26.5 39.7#

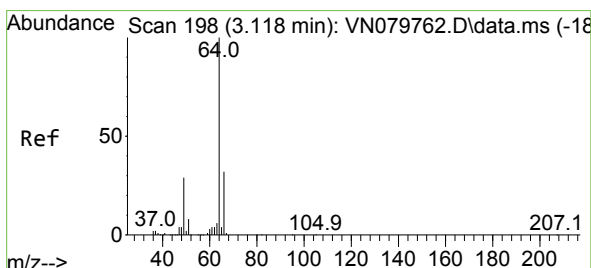
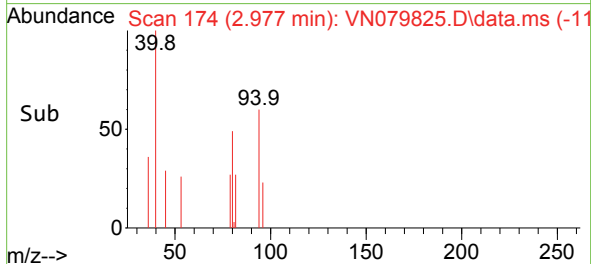
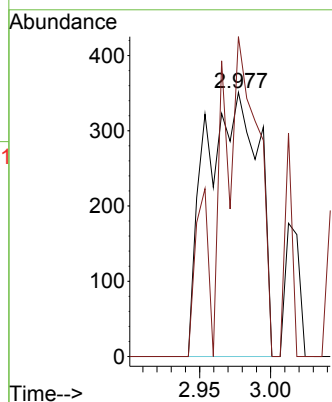
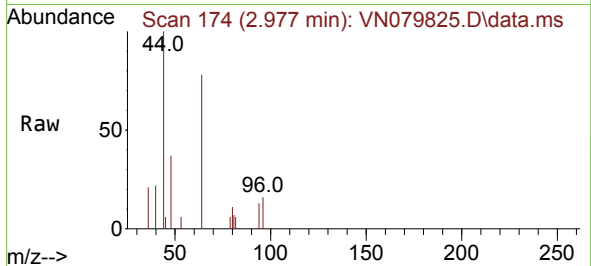




#5
Bromomethane
Concen: 0.431 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

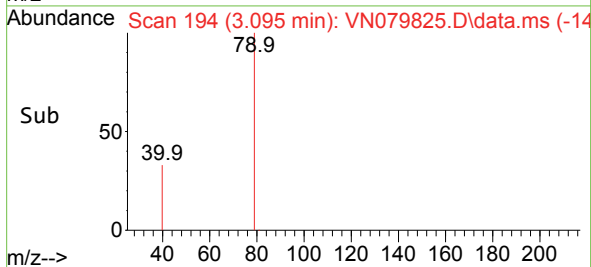
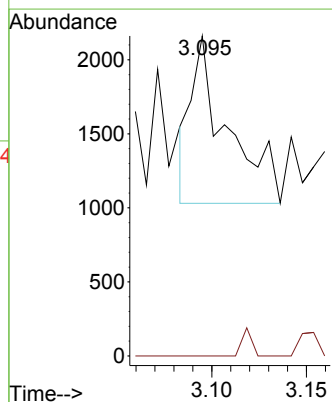
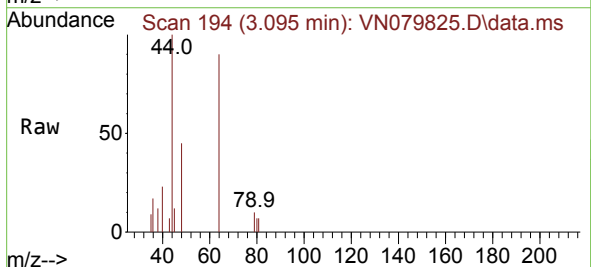
Instrument :
MSVOA_N
ClientSampleId :
TB-1

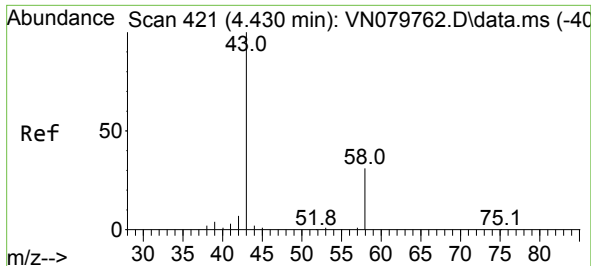
Tgt Ion: 94 Resp: 912
Ion Ratio Lower Upper
94 100
96 121.1 73.1 109.7#



#6
Chloroethane
Concen: 0.543 ug/l
RT: 3.095 min Scan# 194
Delta R.T. -0.023 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

Tgt Ion: 64 Resp: 1493
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

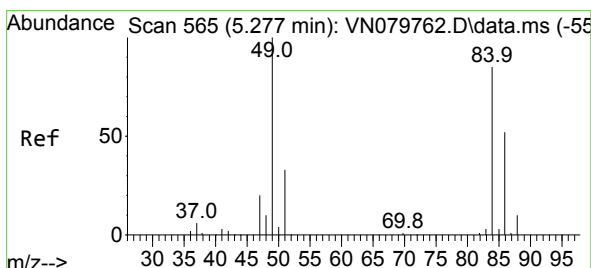
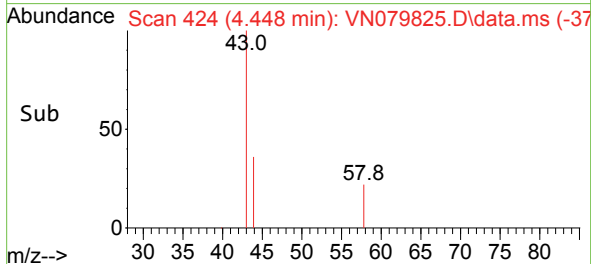
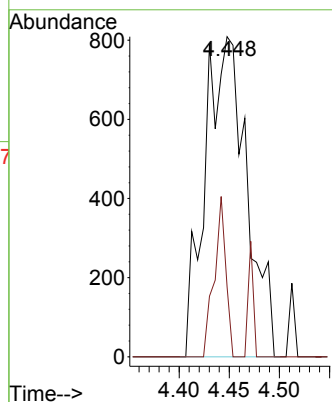
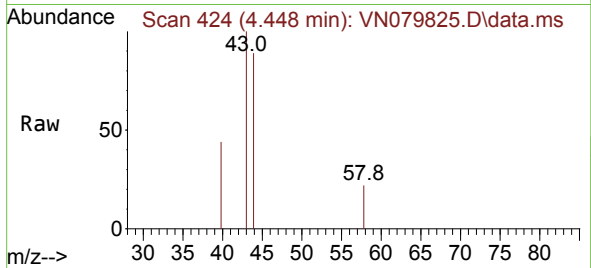




#16
Acetone
Concen: 1.975 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

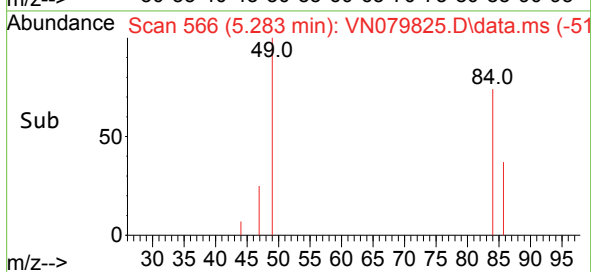
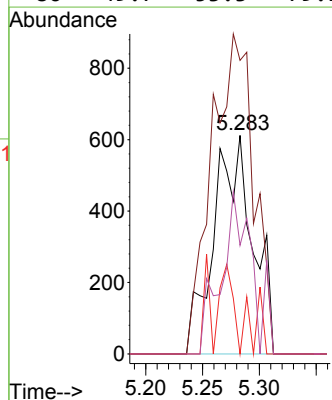
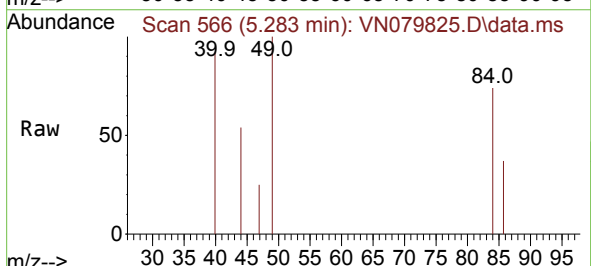
Instrument :
MSVOA_N
ClientSampleId :
TB-1

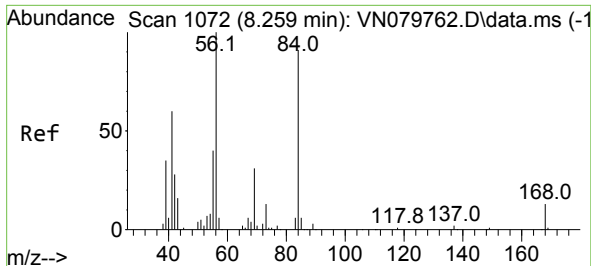
Tgt Ion: 43 Resp: 2333
Ion Ratio Lower Upper
43 100
58 21.9 28.0 42.0#



#20
Methylene Chloride
Concen: 0.488 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

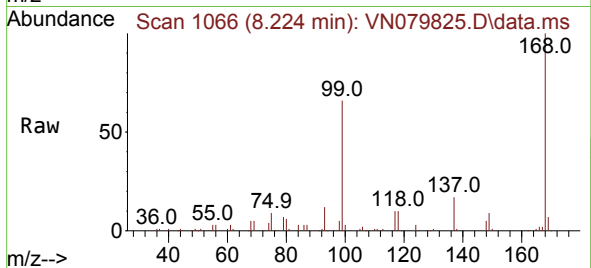
Tgt Ion: 84 Resp: 1456
Ion Ratio Lower Upper
84 100
49 134.3 79.7 119.5#
51 0.0 25.2 37.8#
86 49.7 53.3 79.9#



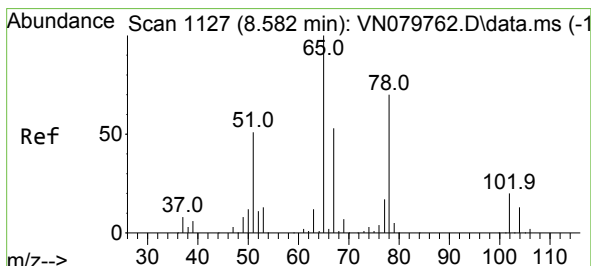
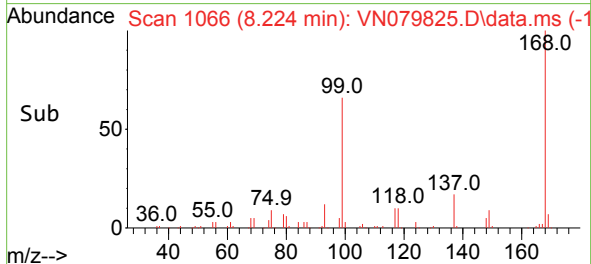
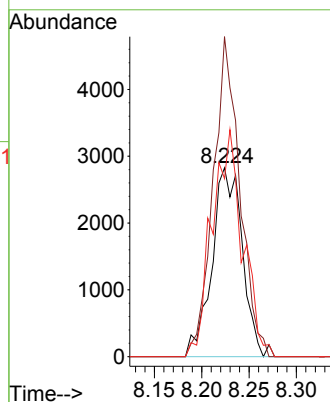


#31
Cyclohexane
Concen: 1.419 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

Instrument :
MSVOA_N
ClientSampleId :
TB-1

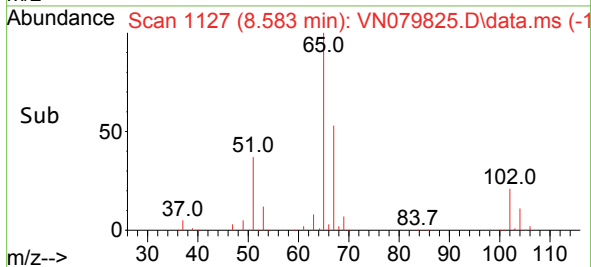
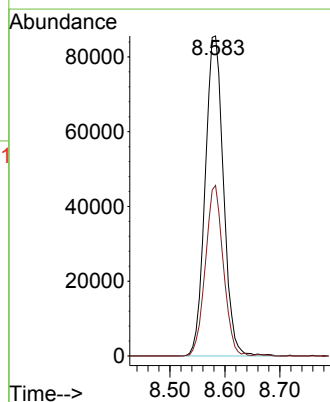
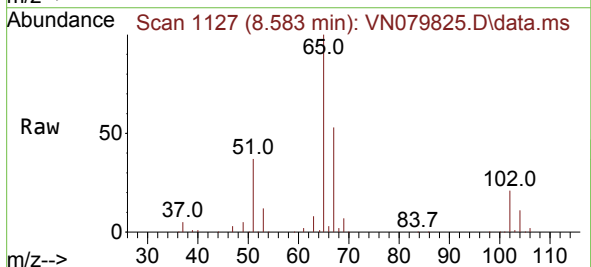


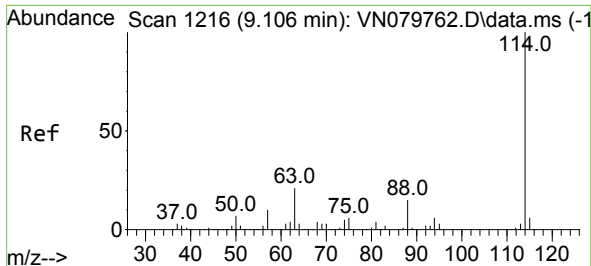
Tgt Ion: 56 Resp: 6306
Ion Ratio Lower Upper
56 100
69 169.4 26.8 40.2#
84 94.3 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 58.821 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

Tgt Ion: 65 Resp: 197804
Ion Ratio Lower Upper
65 100
67 52.2 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: VN079825.D

Acq: 03 Nov 2023 05:10

Instrument :

MSVOA_N

ClientSampleId :

TB-1

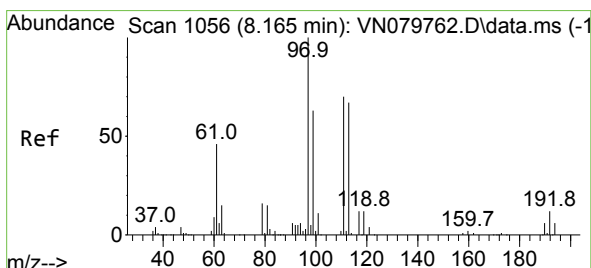
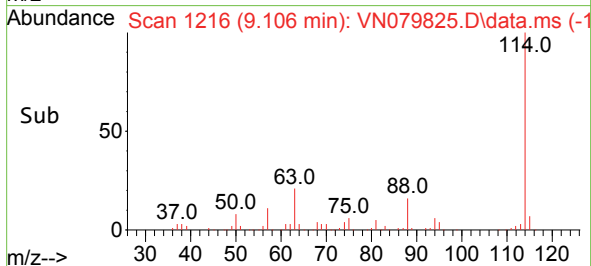
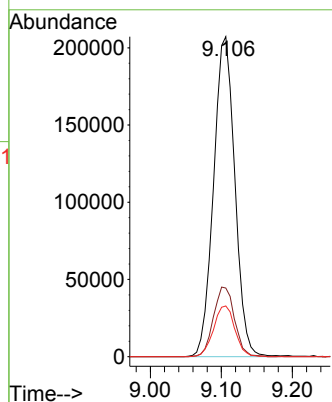
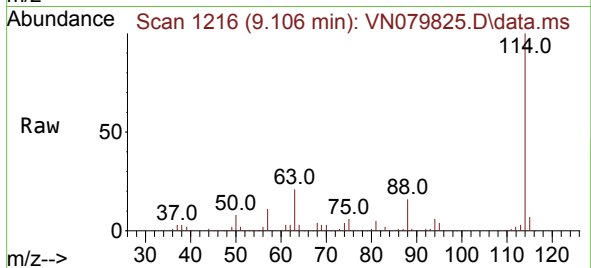
Tgt Ion:114 Resp: 430535

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.576 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079825.D

Acq: 03 Nov 2023 05:10

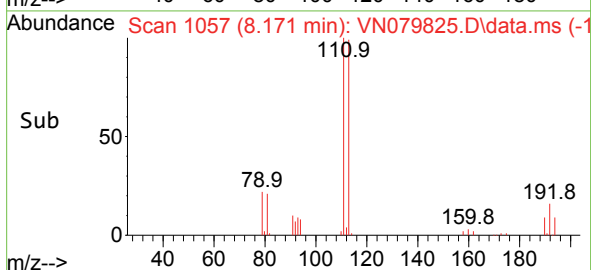
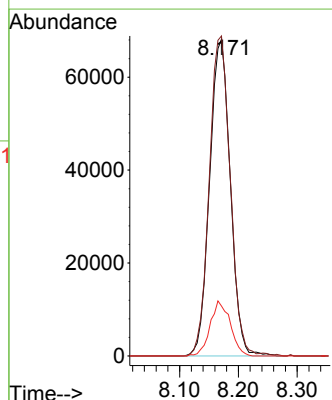
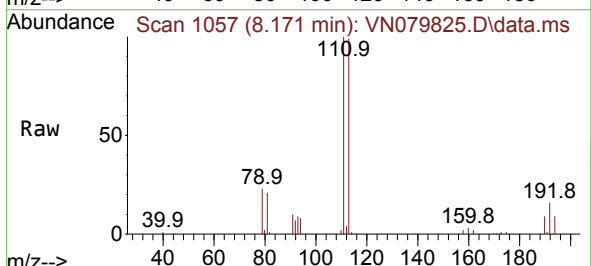
Tgt Ion:113 Resp: 166300

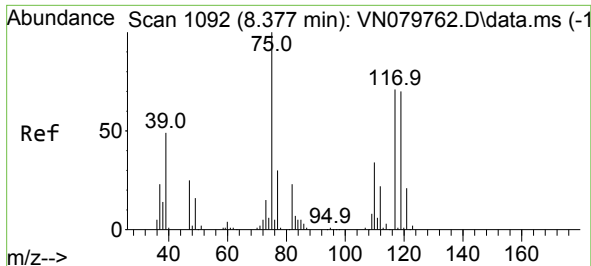
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 16.9 12.7 19.1

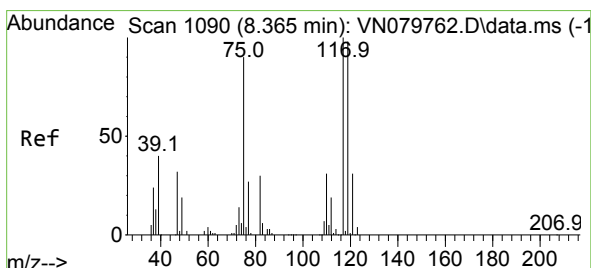
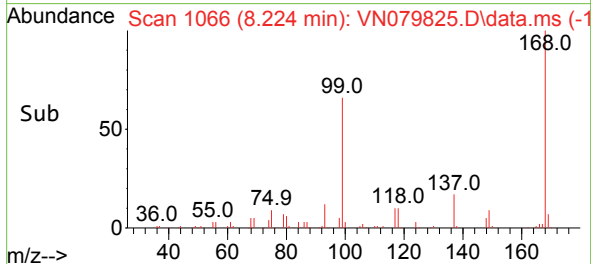
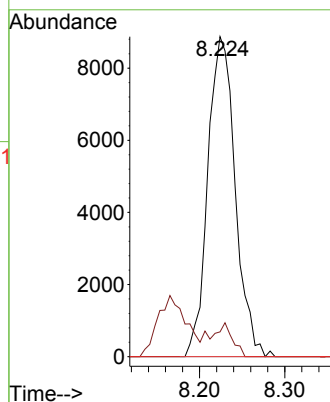
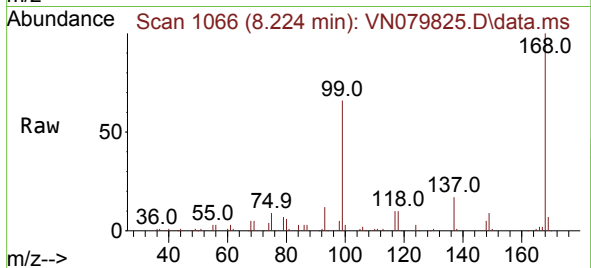




#36
1,1-Dichloropropene
Concen: 4.564 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

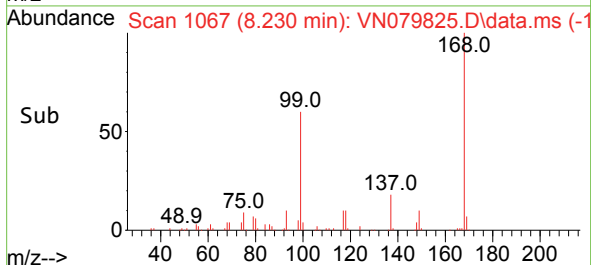
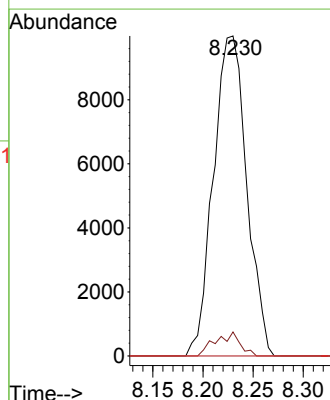
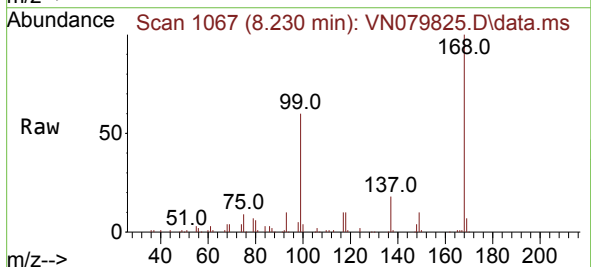
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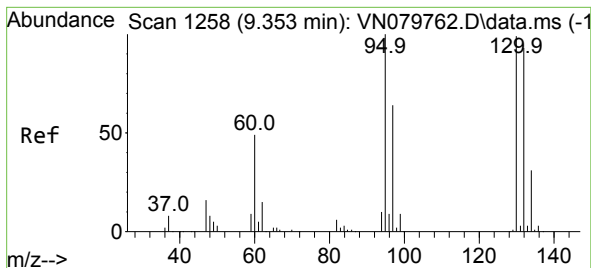
Tgt Ion: 75 Resp: 19858
Ion Ratio Lower Upper
75 100
110 6.2 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.282 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

Tgt Ion: 117 Resp: 23162
Ion Ratio Lower Upper
117 100
119 7.5 77.3 115.9#
121 0.0 23.3 34.9#





#44

Trichloroethene

Concen: 0.583 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN079825.D

Acq: 03 Nov 2023 05:10

Instrument :

MSVOA_N

ClientSampleId :

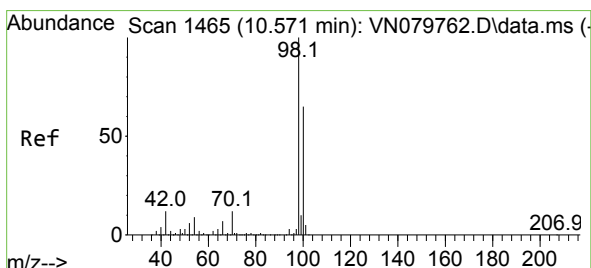
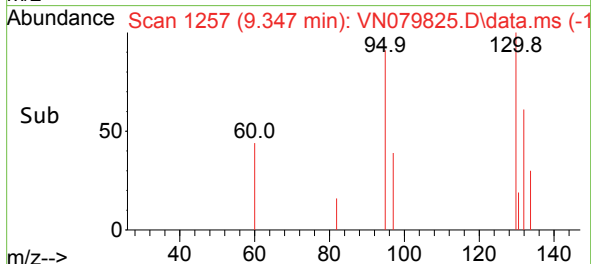
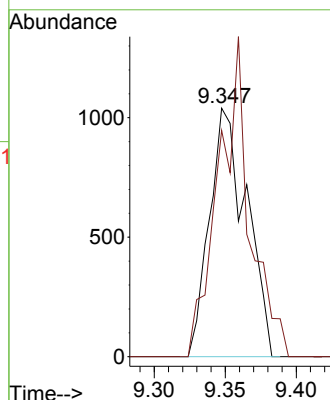
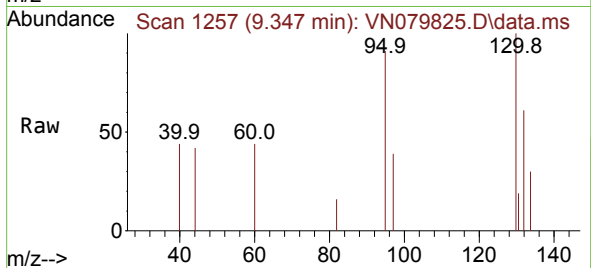
TB-1

Tgt Ion:130 Resp: 1885

Ion Ratio Lower Upper

130 100

95 76.3 0.0 204.6



#50

Toluene-d8

Concen: 51.571 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079825.D

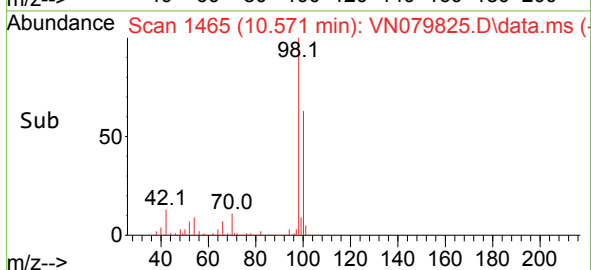
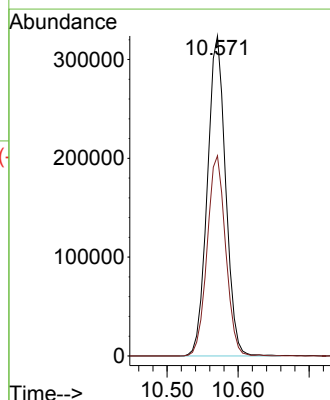
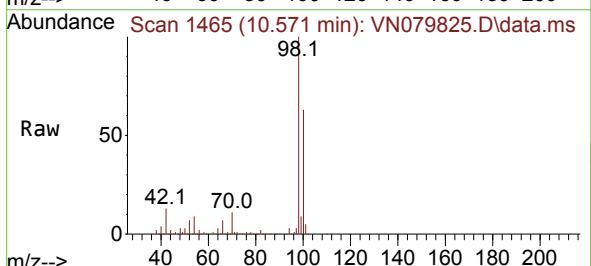
Acq: 03 Nov 2023 05:10

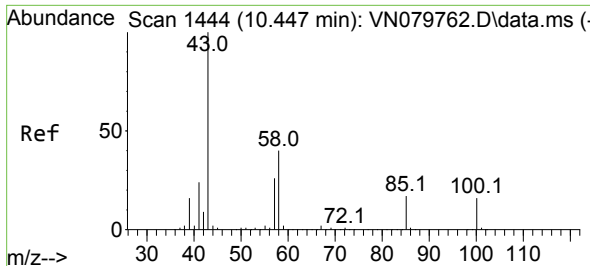
Tgt Ion: 98 Resp: 578503

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

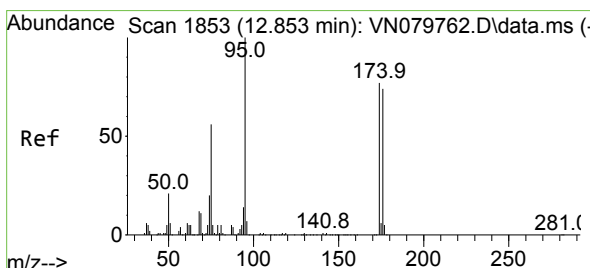
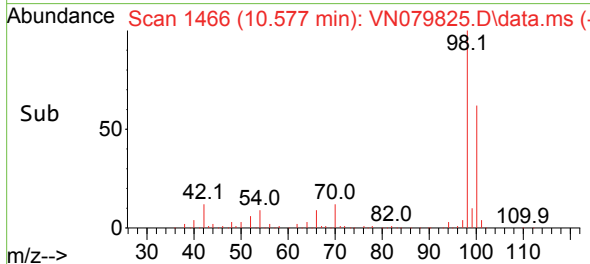
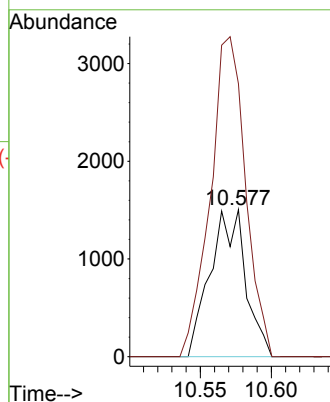
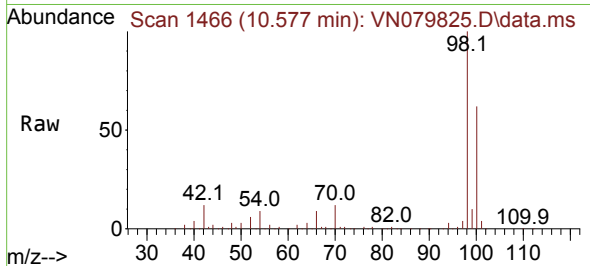




#51
4-Methyl-2-Pentanone
Concen: 0.661 ug/l
RT: 10.577 min Scan# 1444
Delta R.T. 0.130 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

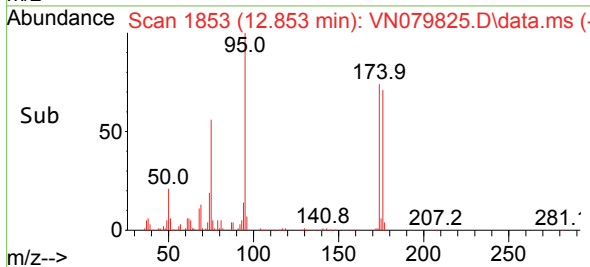
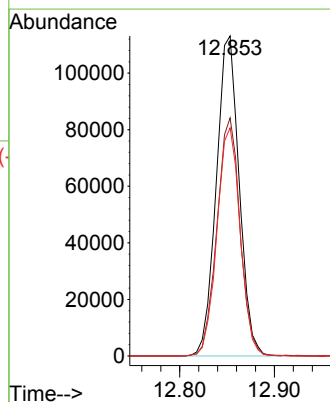
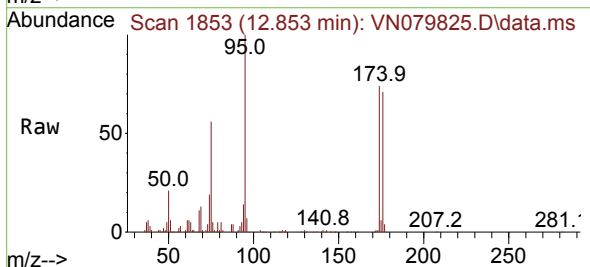
Instrument :
MSVOA_N
ClientSampleId :
TB-1

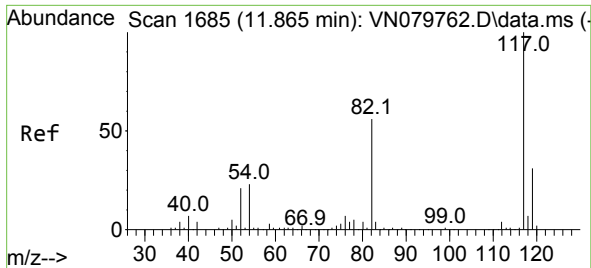
Tgt Ion: 43 Resp: 2603
Ion Ratio Lower Upper
43 100
58 216.8 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 51.017 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

Tgt Ion: 95 Resp: 189801
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 72.1 0.0 135.8

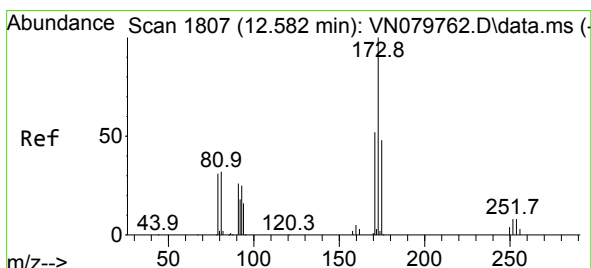
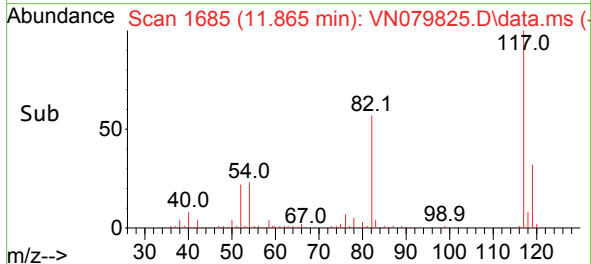
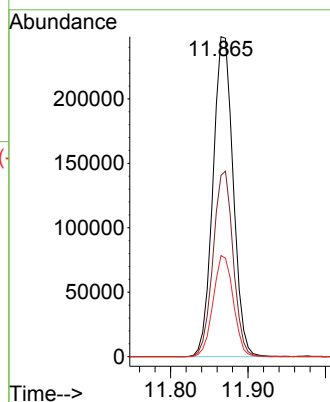
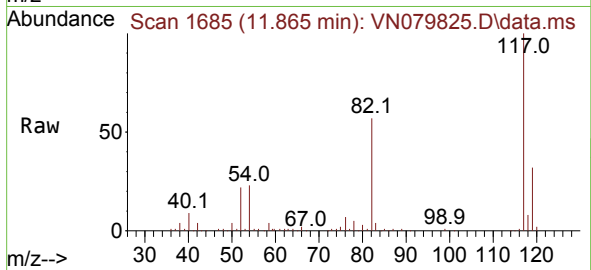




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

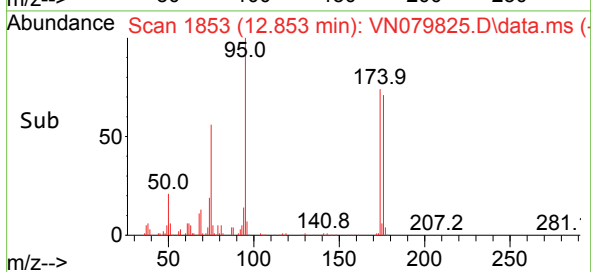
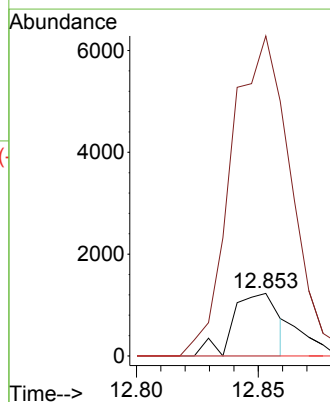
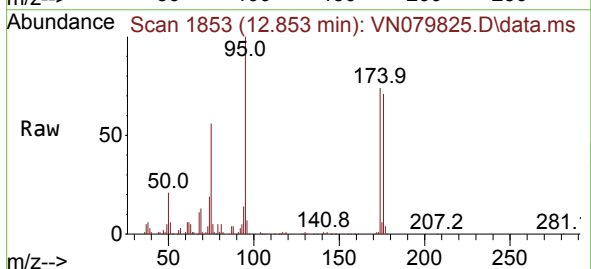
Instrument :
MSVOA_N
ClientSampleId :
TB-1

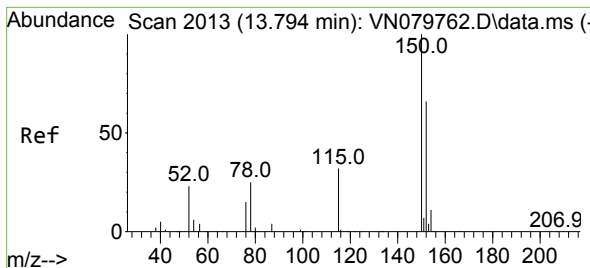
Tgt Ion:117 Resp: 449330
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 31.6 25.6 38.4



#71
Bromoform
Concen: 0.639 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079825.D
Acq: 03 Nov 2023 05:10

Tgt Ion:173 Resp: 1593
Ion Ratio Lower Upper
173 100
175 558.4 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: VN079825.D

Acq: 03 Nov 2023 05:10

Instrument :

MSVOA_N

ClientSampleId :

TB-1

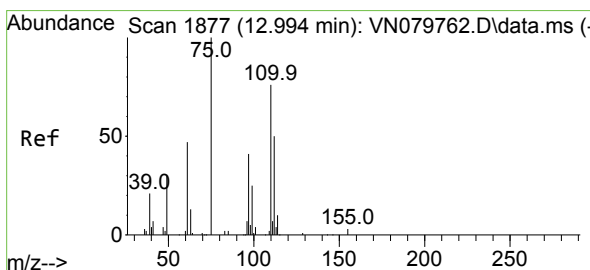
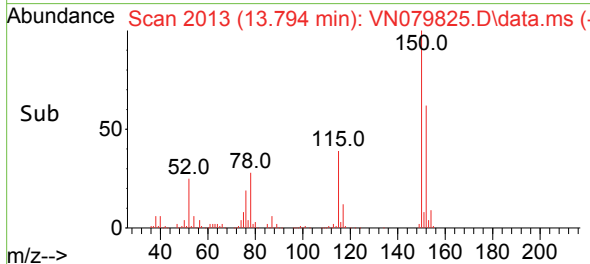
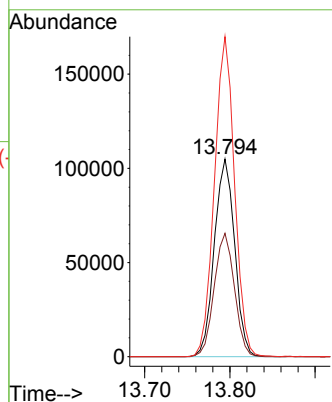
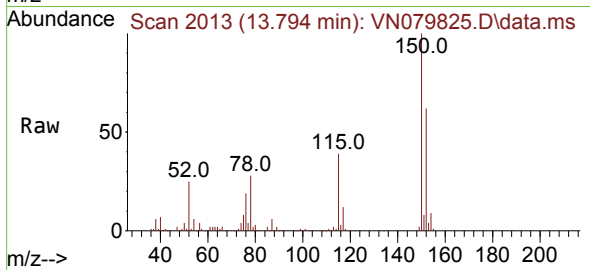
Tgt Ion:152 Resp: 174016

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 160.0 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 26.111 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079825.D

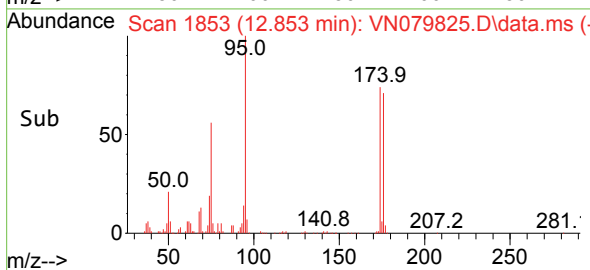
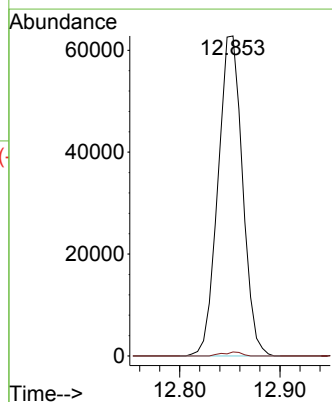
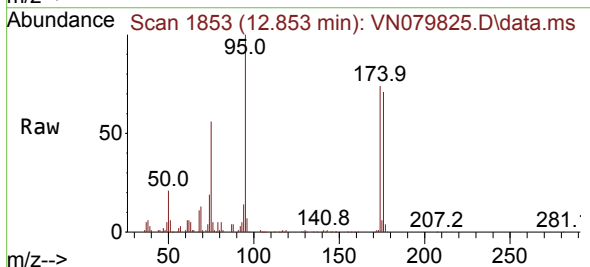
Acq: 03 Nov 2023 05:10

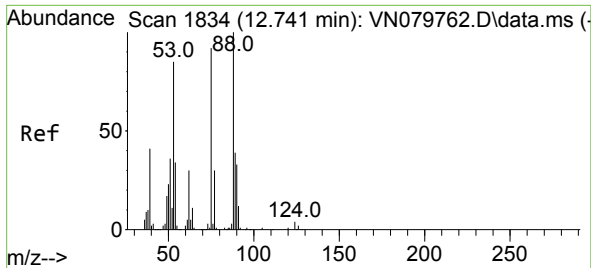
Tgt Ion: 75 Resp: 106675

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.043 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079825.D
 Acq: 03 Nov 2023 05:10

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-1

Tgt Ion: 75 Resp: 106675
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.4 101.2#
 89 0.0 38.8 58.2#

