

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079806.D
 Acq On : 02 Nov 2023 18:45
 Operator : JC\MD
 Sample : 05225-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 04:05:15 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)

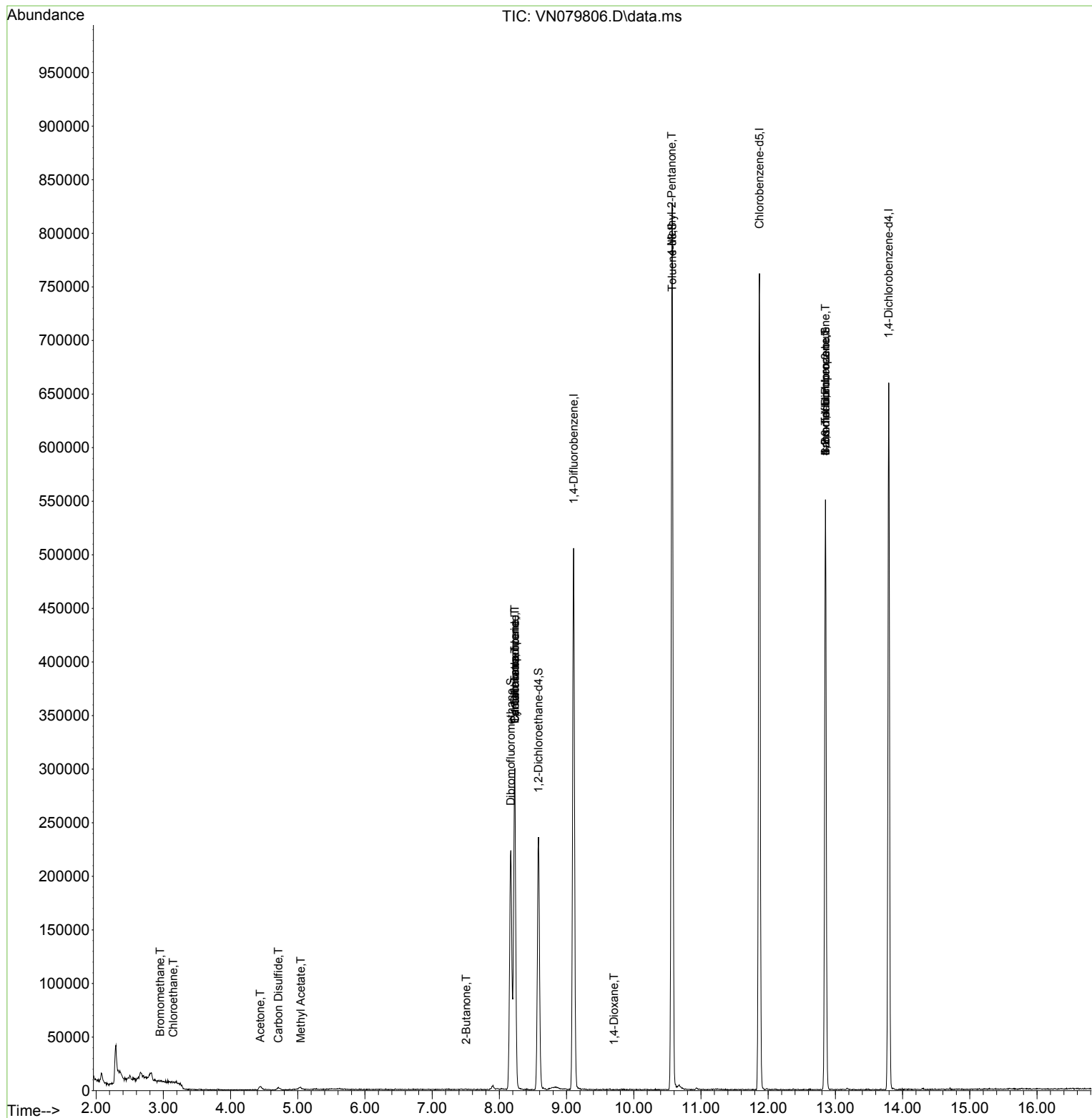
Internal Standards						
1) Pentafluorobenzene	8.230	168	207188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	413324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	429070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	188849	59.827	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.660%	
35) Dibromofluoromethane	8.171	113	157630	53.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.760%	
50) Toluene-d8	10.571	98	550015	51.073	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.853	95	178679	50.027	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1925	Below Cal	#	69
5) Bromomethane	2.954	94	757	0.381	ug/l #	70
6) Chloroethane	3.148	64	573	0.222	ug/l	99
16) Acetone	4.442	43	6036	5.444	ug/l #	84
17) Carbon Disulfide	4.712	76	3967	0.617	ug/l	100
18) Methyl Acetate	5.047	43	4950	0.933	ug/l #	42
25) 2-Butanone	7.506	43	584	0.360	ug/l #	37
31) Cyclohexane	8.230	56	5278	1.265	ug/l #	12
36) 1,1-Dichloropropene	8.230	75	18497	4.428	ug/l #	46
38) Carbon Tetrachloride	8.230	117	22648	5.380	ug/l #	16
49) 1,4-Dioxane	9.706	88	53	1.019	ug/l #	30
51) 4-Methyl-2-Pentanone	10.565	43	2834	0.749	ug/l #	1
71) Bromoform	12.853	173	1538	0.646	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	100093	25.806	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	100093	70.212	ug/l #	15

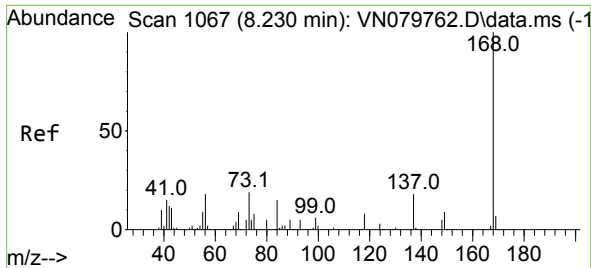
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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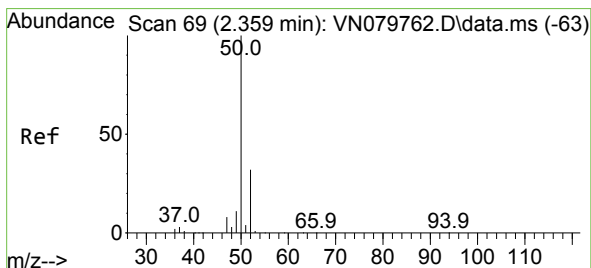
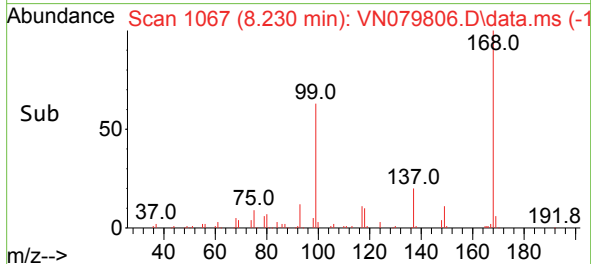
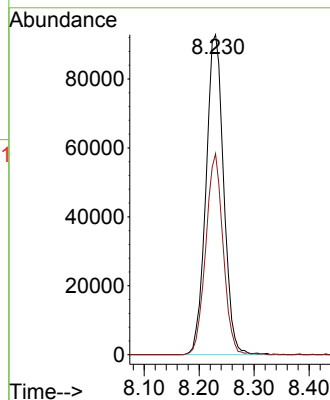
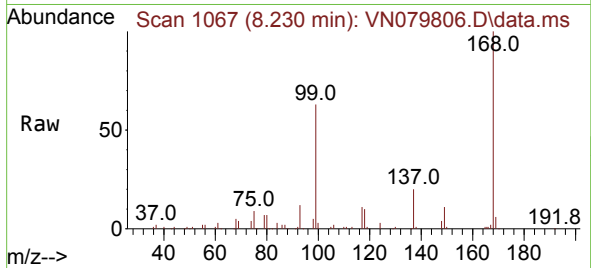




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

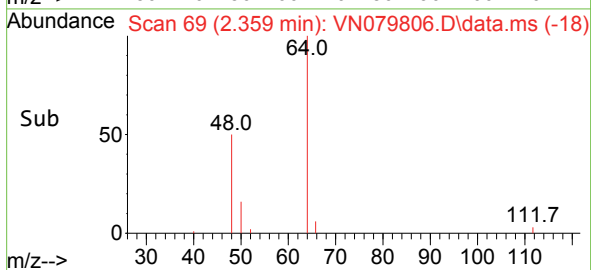
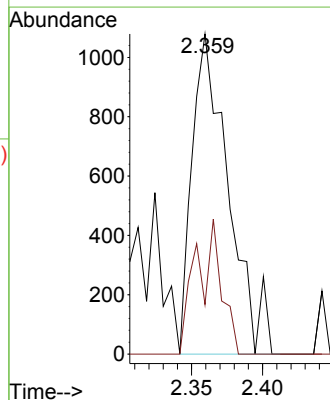
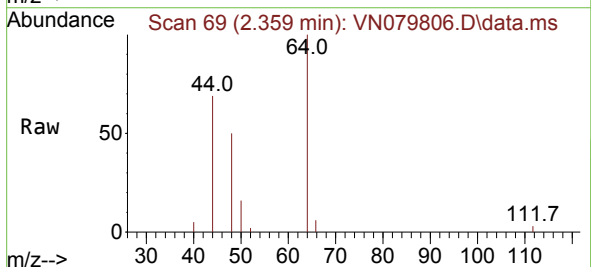
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 207188
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

Tgt Ion: 50 Resp: 1925
Ion Ratio Lower Upper
50 100
52 15.5 26.5 39.7#

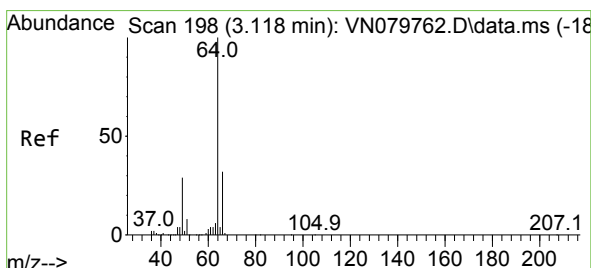
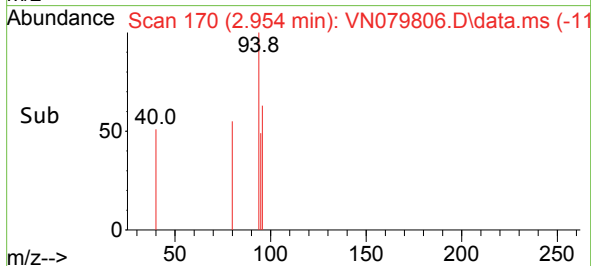
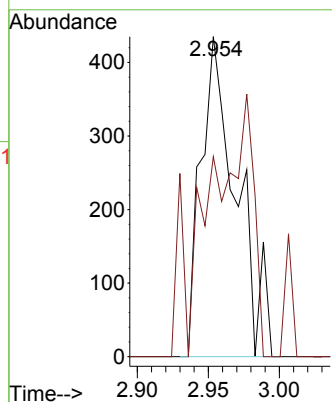
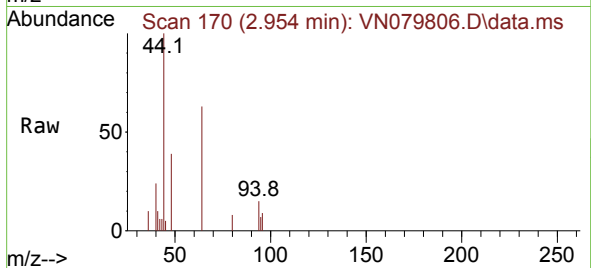




#5
Bromomethane
Concen: 0.381 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

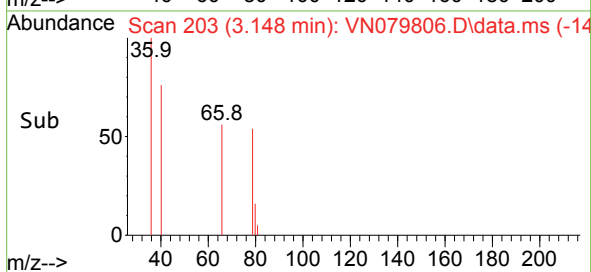
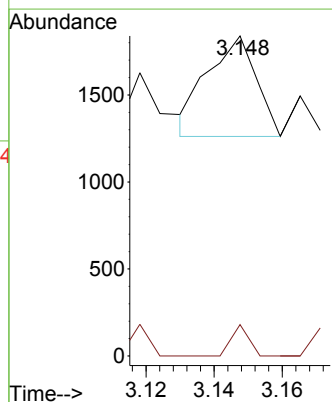
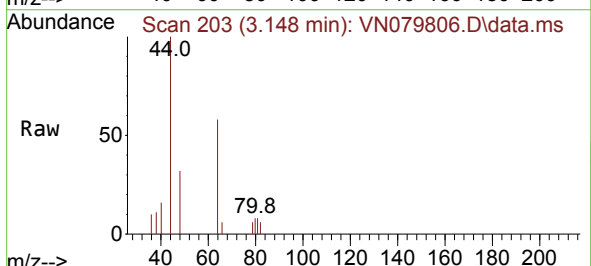
Instrument :
MSVOA_N
ClientSampleId :

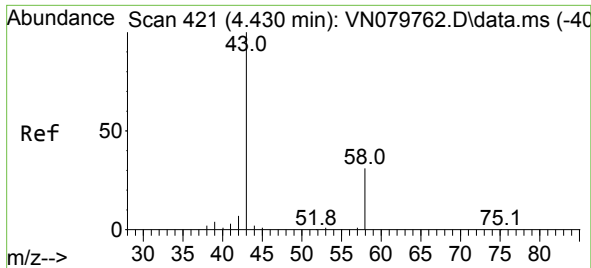
Tgt Ion: 94 Resp: 757
Ion Ratio Lower Upper
94 100
96 62.5 73.1 109.7#



#6
Chloroethane
Concen: 0.222 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.030 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

Tgt Ion: 64 Resp: 573
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2

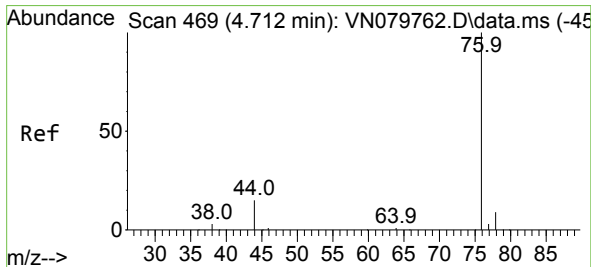
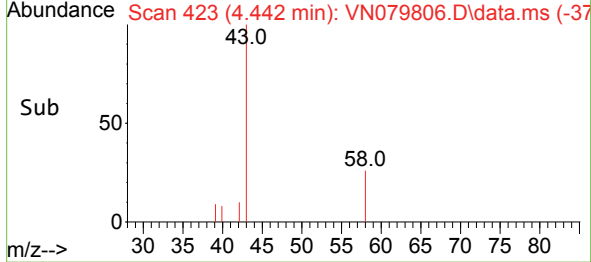
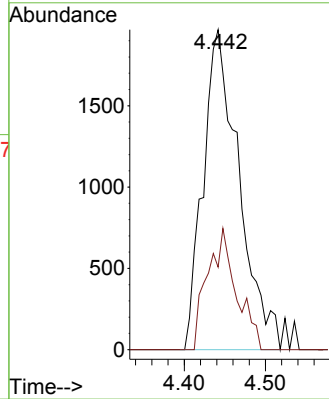
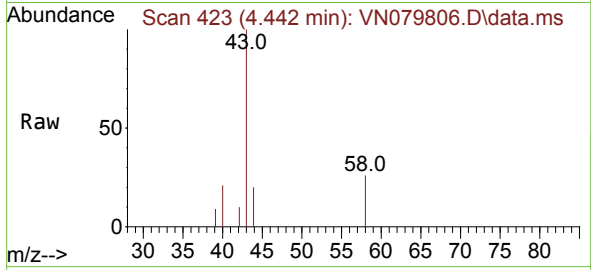




#16
Acetone
Concen: 5.444 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

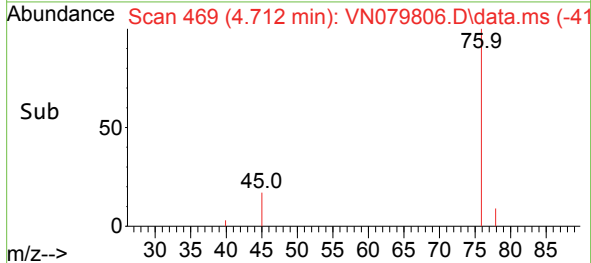
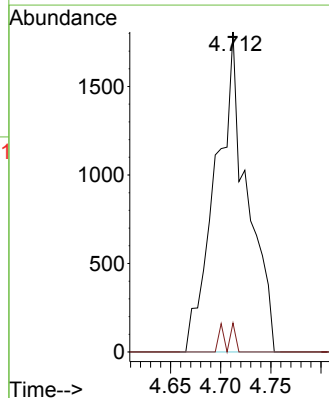
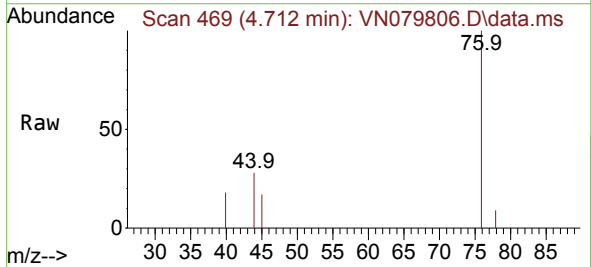
Instrument :
MSVOA_N
ClientSampleId :

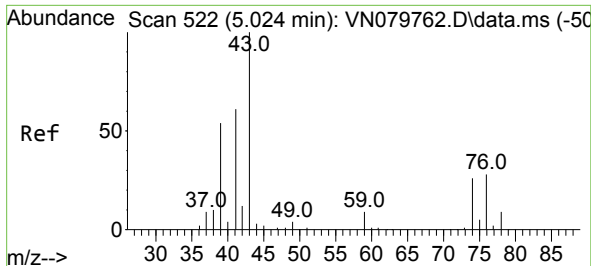
Tgt Ion: 43 Resp: 6036
Ion Ratio Lower Upper
43 100
58 25.8 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.617 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

Tgt Ion: 76 Resp: 3967
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

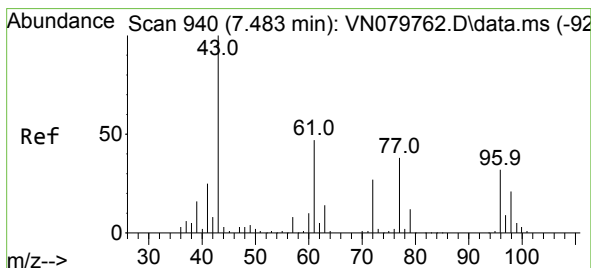
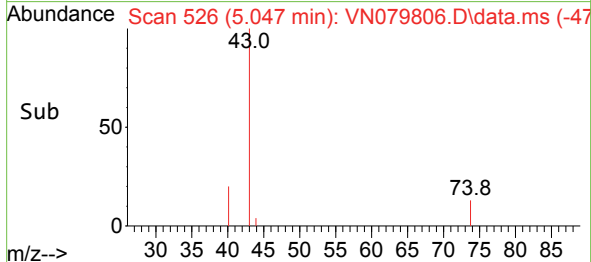
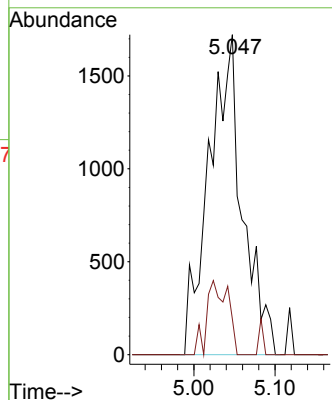
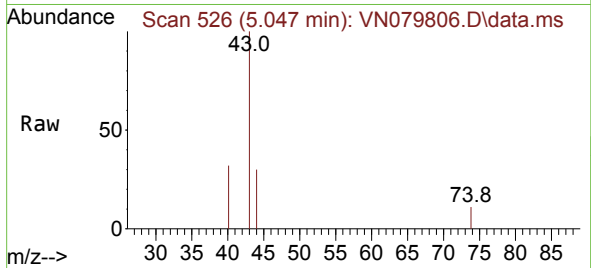




#18
Methyl Acetate
Concen: 0.933 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

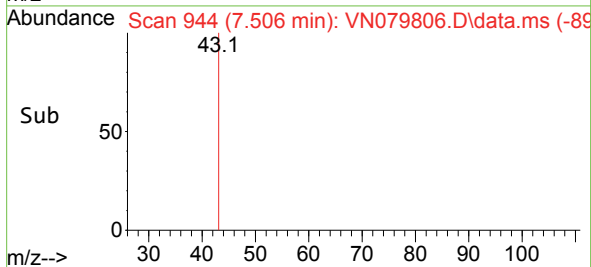
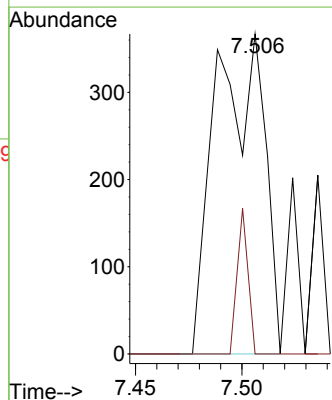
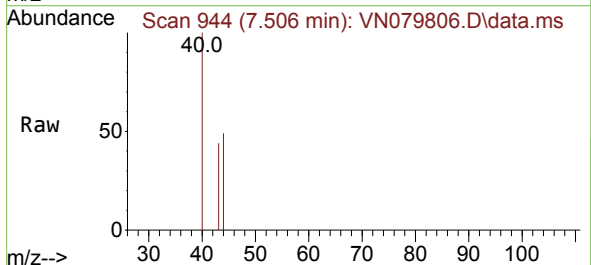
Instrument :
MSVOA_N
ClientSampleId :

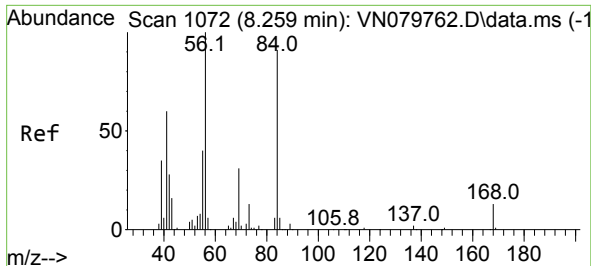
Tgt Ion: 43 Resp: 4950
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#25
2-Butanone
Concen: 0.360 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

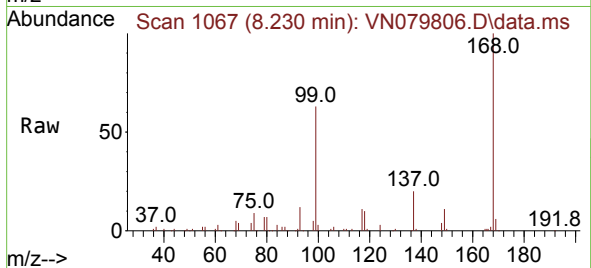
Tgt Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



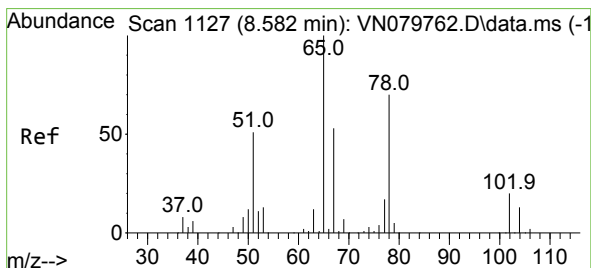
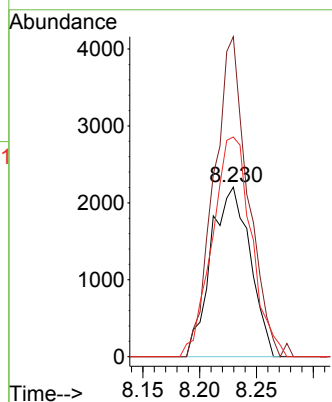
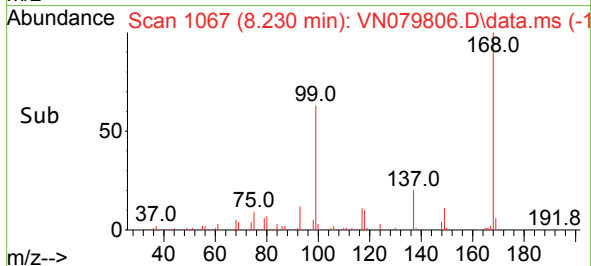


#31
Cyclohexane
Concen: 1.265 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

Instrument :
MSVOA_N
ClientSampleId :

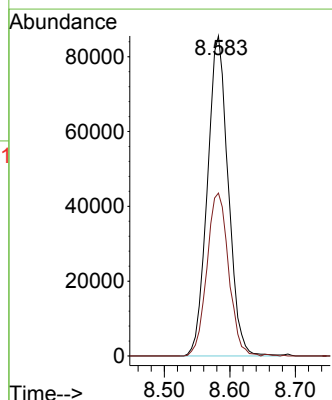
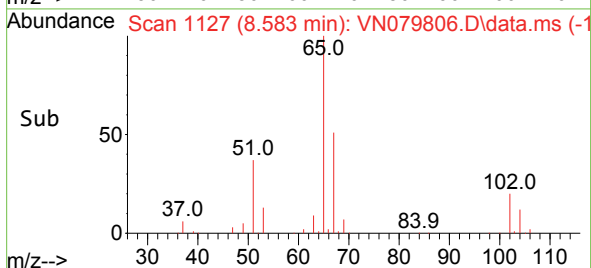
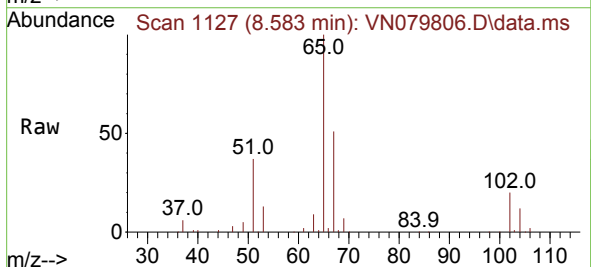


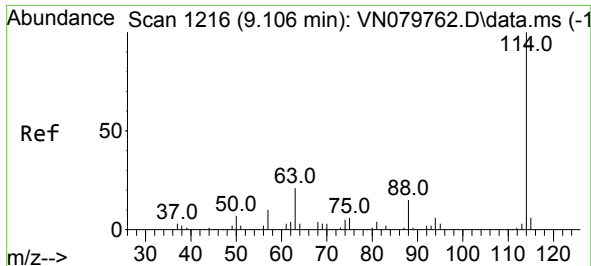
Tgt Ion: 56 Resp: 5278
Ion Ratio Lower Upper
56 100
69 188.6 26.8 40.2#
84 129.5 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 59.827 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

Tgt Ion: 65 Resp: 188849
Ion Ratio Lower Upper
65 100
67 53.0 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: VN079806.D

Acq: 02 Nov 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

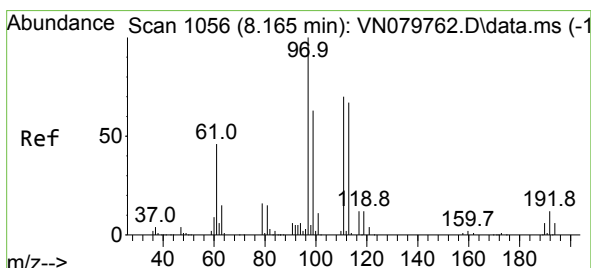
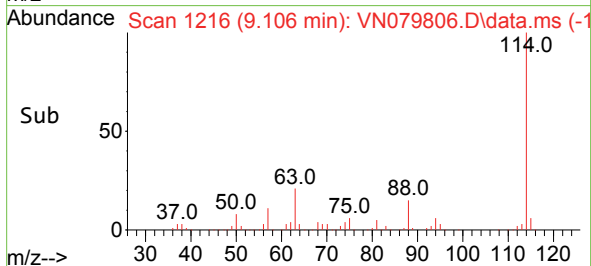
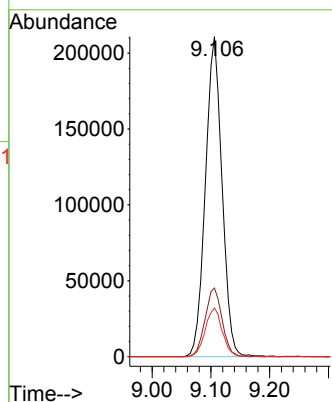
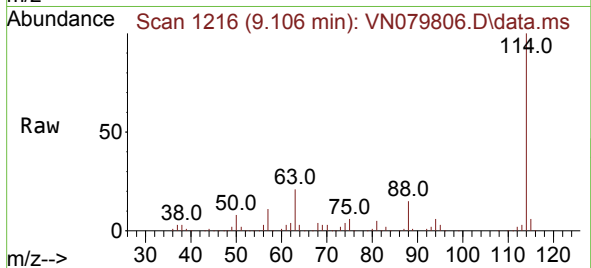
Tgt Ion:114 Resp: 413324

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.884 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079806.D

Acq: 02 Nov 2023 18:45

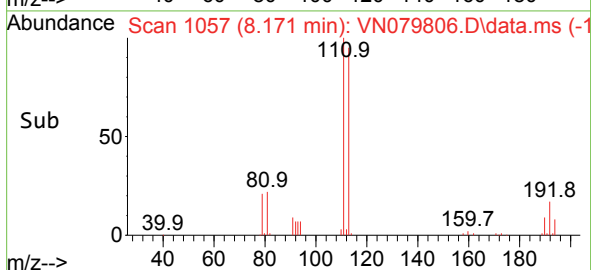
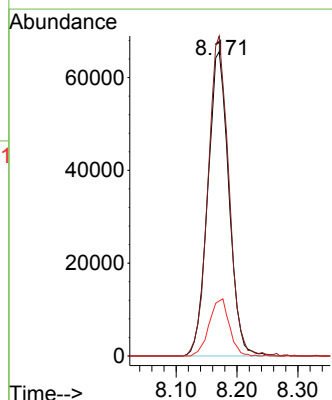
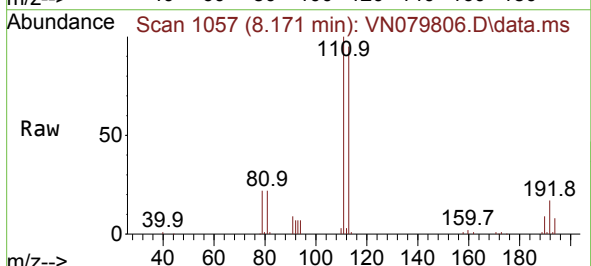
Tgt Ion:113 Resp: 157630

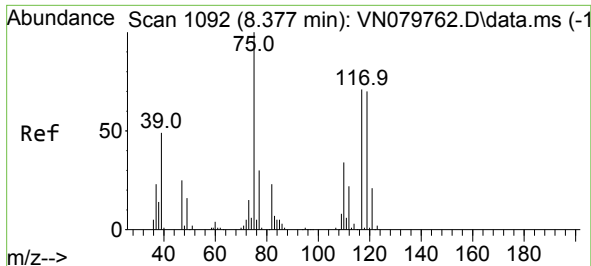
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 17.9 12.7 19.1

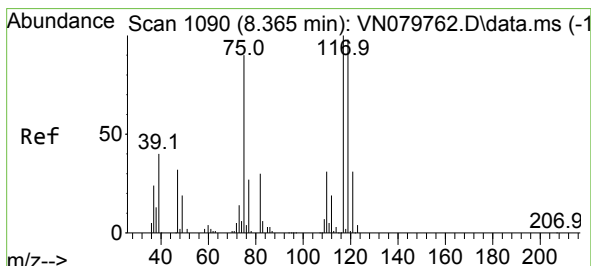
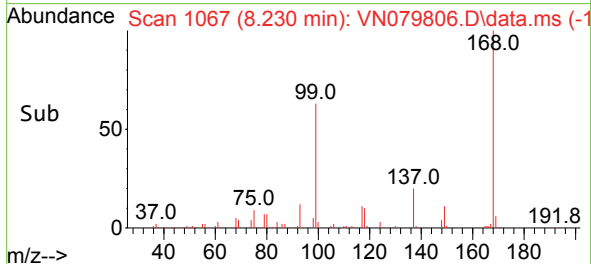
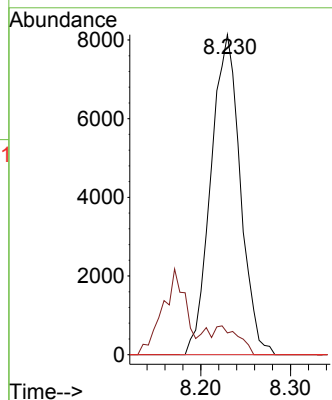
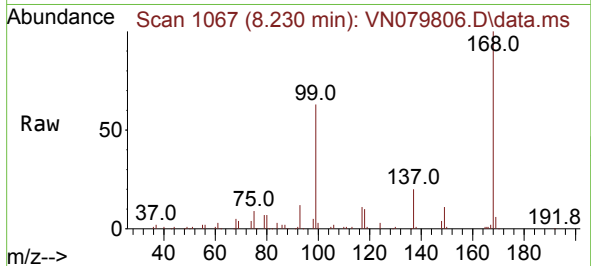




#36
1,1-Dichloropropene
Concen: 4.428 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

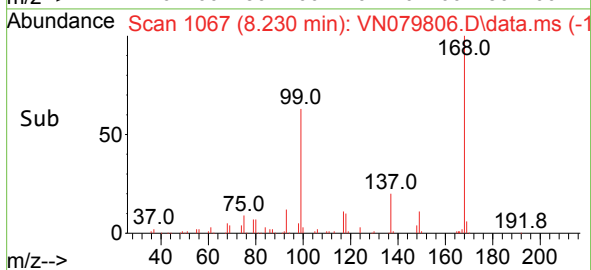
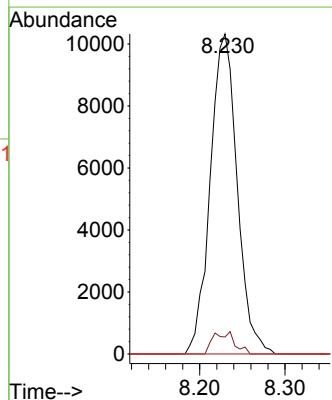
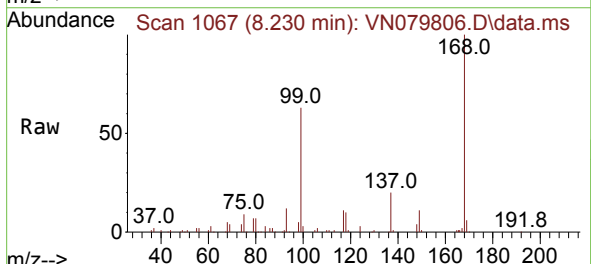
Instrument :
MSVOA_N
ClientSampleId :

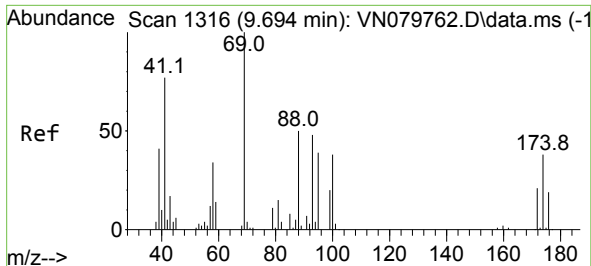
Tgt Ion: 75 Resp: 18497
Ion Ratio Lower Upper
75 100
110 7.1 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.380 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

Tgt Ion: 117 Resp: 22648
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 23.3 34.9#





#49

1,4-Dioxane

Concen: 1.019 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

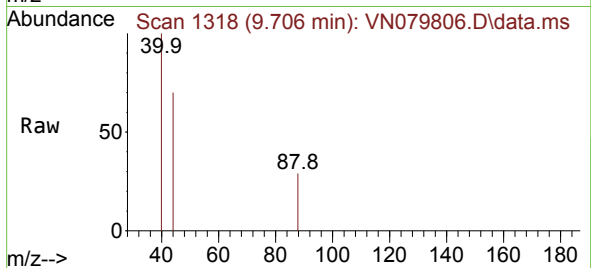
Lab File: VN079806.D

Acq: 02 Nov 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :



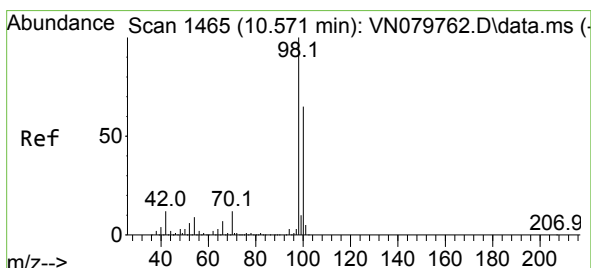
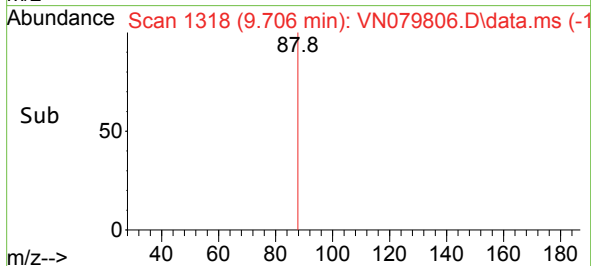
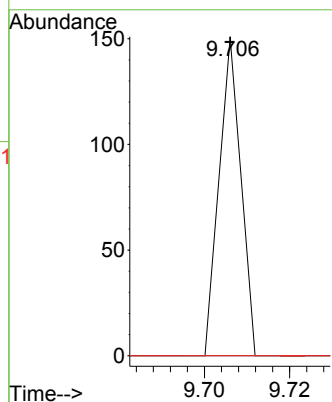
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 51.073 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079806.D

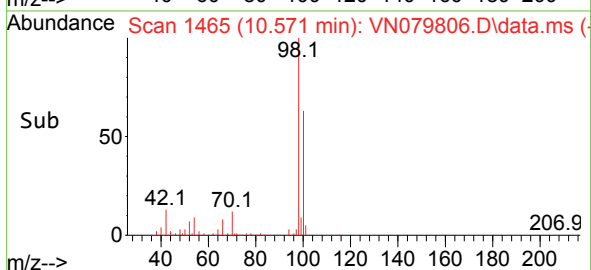
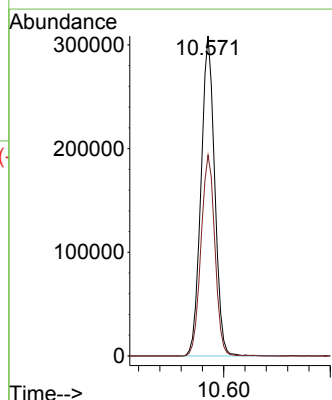
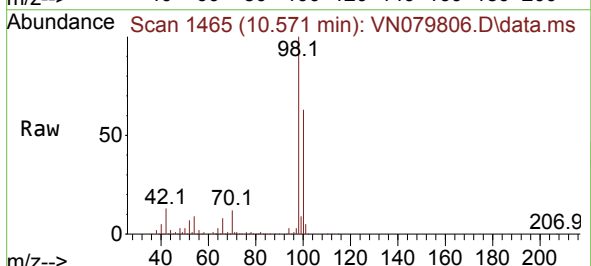
Acq: 02 Nov 2023 18:45

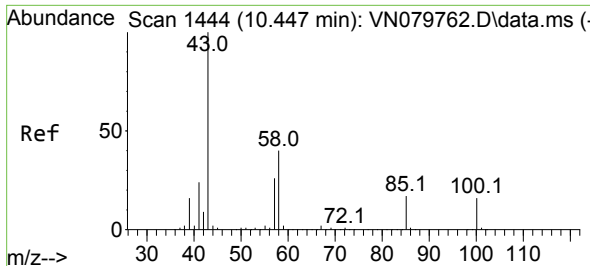
Tgt Ion: 98 Resp: 550015

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

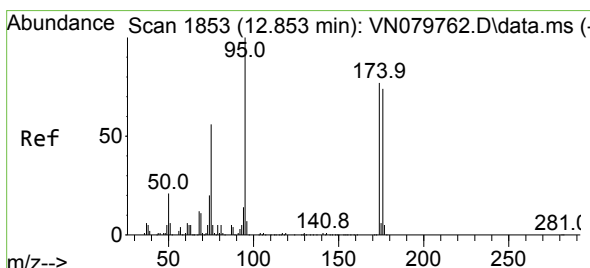
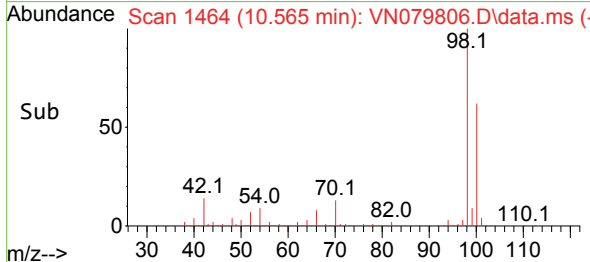
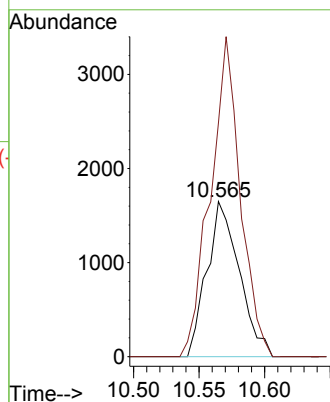
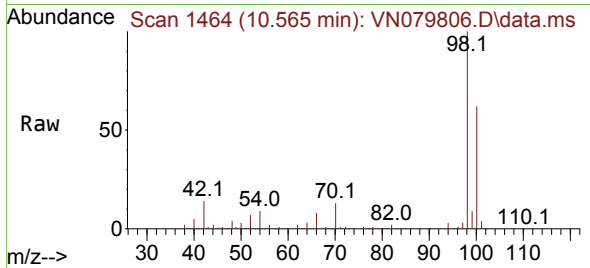




#51
4-Methyl-2-Pentanone
Concen: 0.749 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

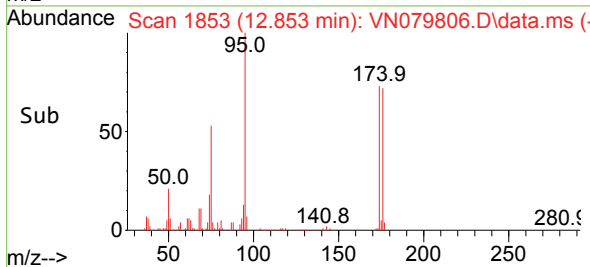
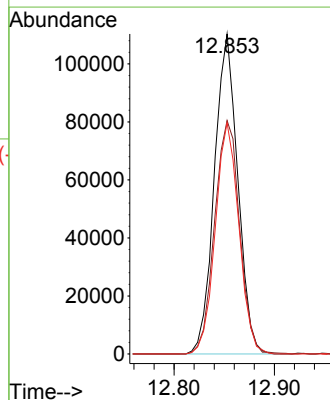
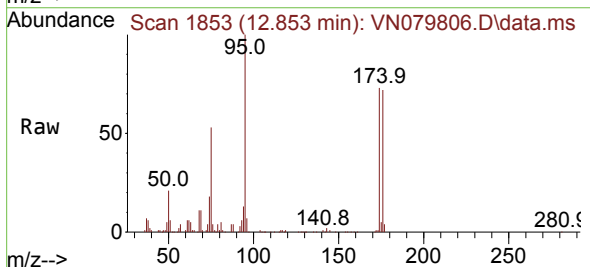
Instrument :
MSVOA_N
ClientSampleId :

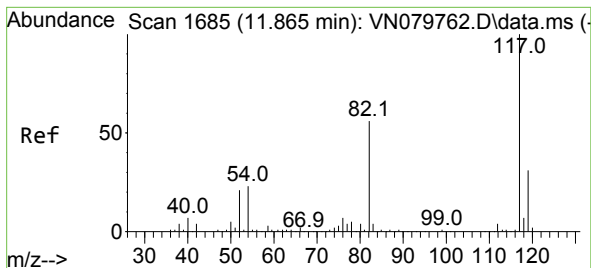
Tgt Ion: 43 Resp: 2834
Ion Ratio Lower Upper
43 100
58 190.4 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 50.027 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079806.D
Acq: 02 Nov 2023 18:45

Tgt Ion: 95 Resp: 178679
Ion Ratio Lower Upper
95 100
174 78.0 0.0 143.8
176 72.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079806.D

Acq: 02 Nov 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

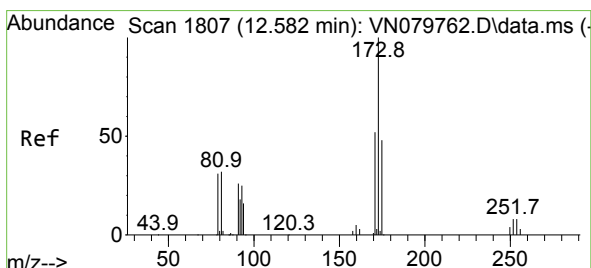
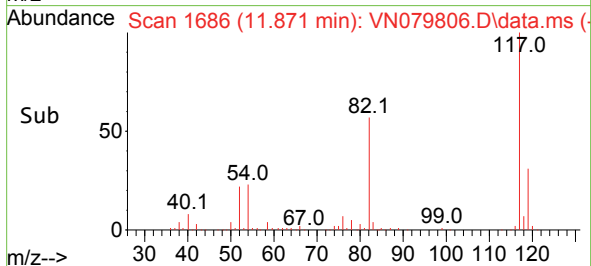
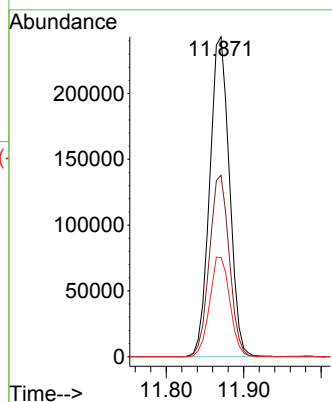
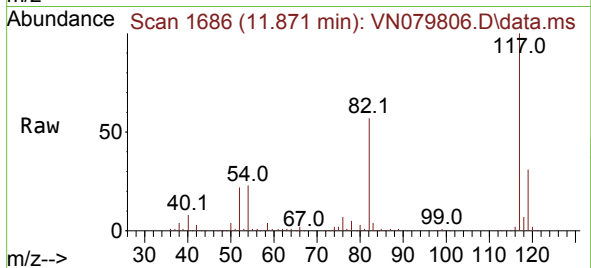
Tgt Ion:117 Resp: 429070

Ion Ratio Lower Upper

117 100

82 56.7 44.0 66.0

119 31.0 25.6 38.4



#71

Bromoform

Concen: 0.646 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN079806.D

Acq: 02 Nov 2023 18:45

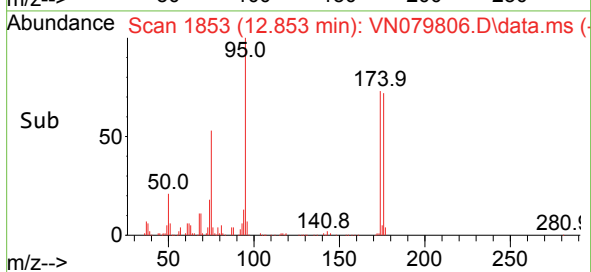
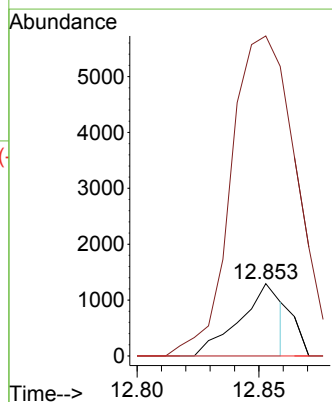
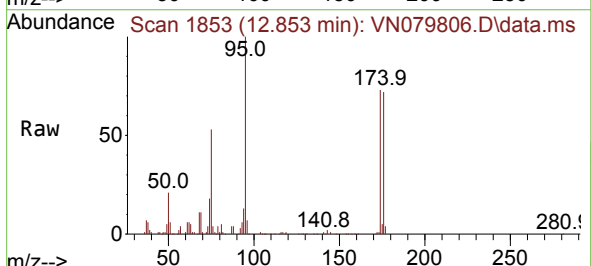
Tgt Ion:173 Resp: 1538

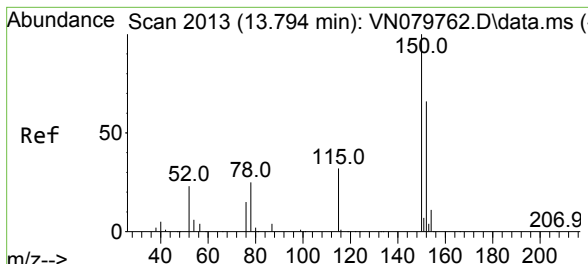
Ion Ratio Lower Upper

173 100

175 546.0 24.3 73.0#

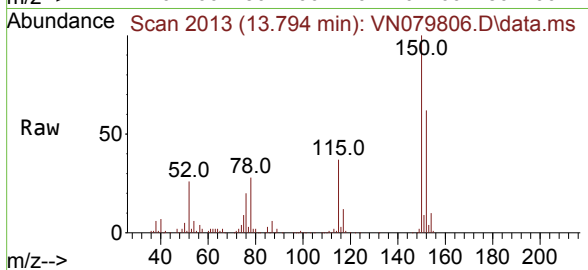
254 0.0 0.0 0.0



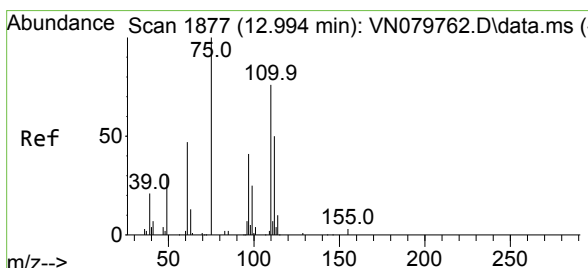
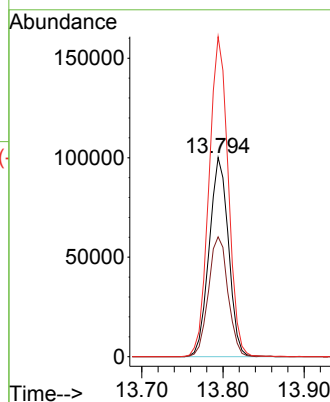
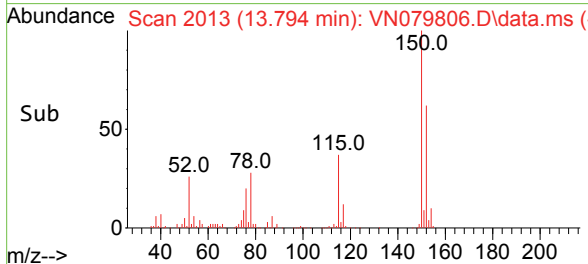


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079806.D
 Acq: 02 Nov 2023 18:45

Instrument :
 MSVOA_N
 ClientSampleId :

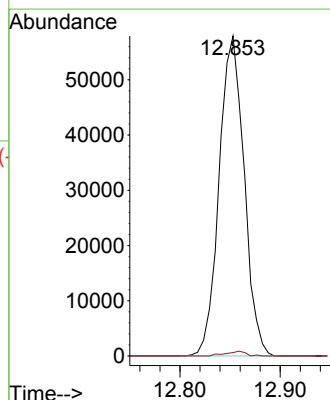
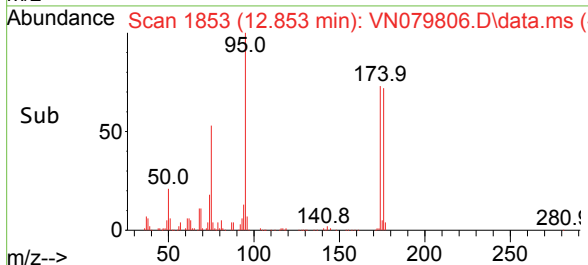
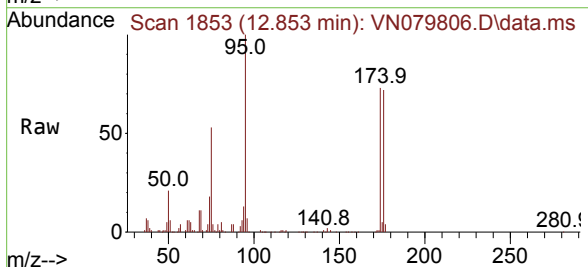


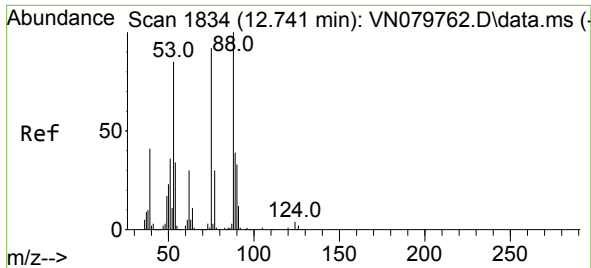
Tgt Ion:152 Resp: 165211
 Ion Ratio Lower Upper
 152 100
 115 60.8 32.3 96.8
 150 159.9 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 25.806 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN079806.D
 Acq: 02 Nov 2023 18:45

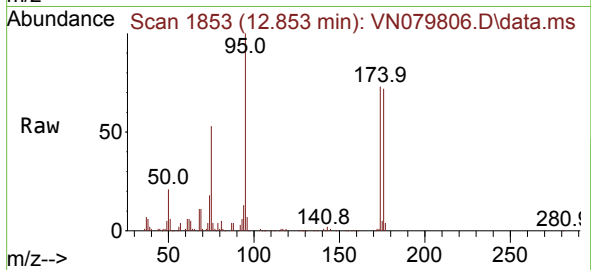
Tgt Ion: 75 Resp: 100093
 Ion Ratio Lower Upper
 75 100
 77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.212 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079806.D
 Acq: 02 Nov 2023 18:45

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 100093
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.4 101.2#
 89 0.0 38.8 58.2#

