

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079830.D
 Acq On : 03 Nov 2023 07:08
 Operator : JC\MD
 Sample : 05222-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 07:47:13 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)

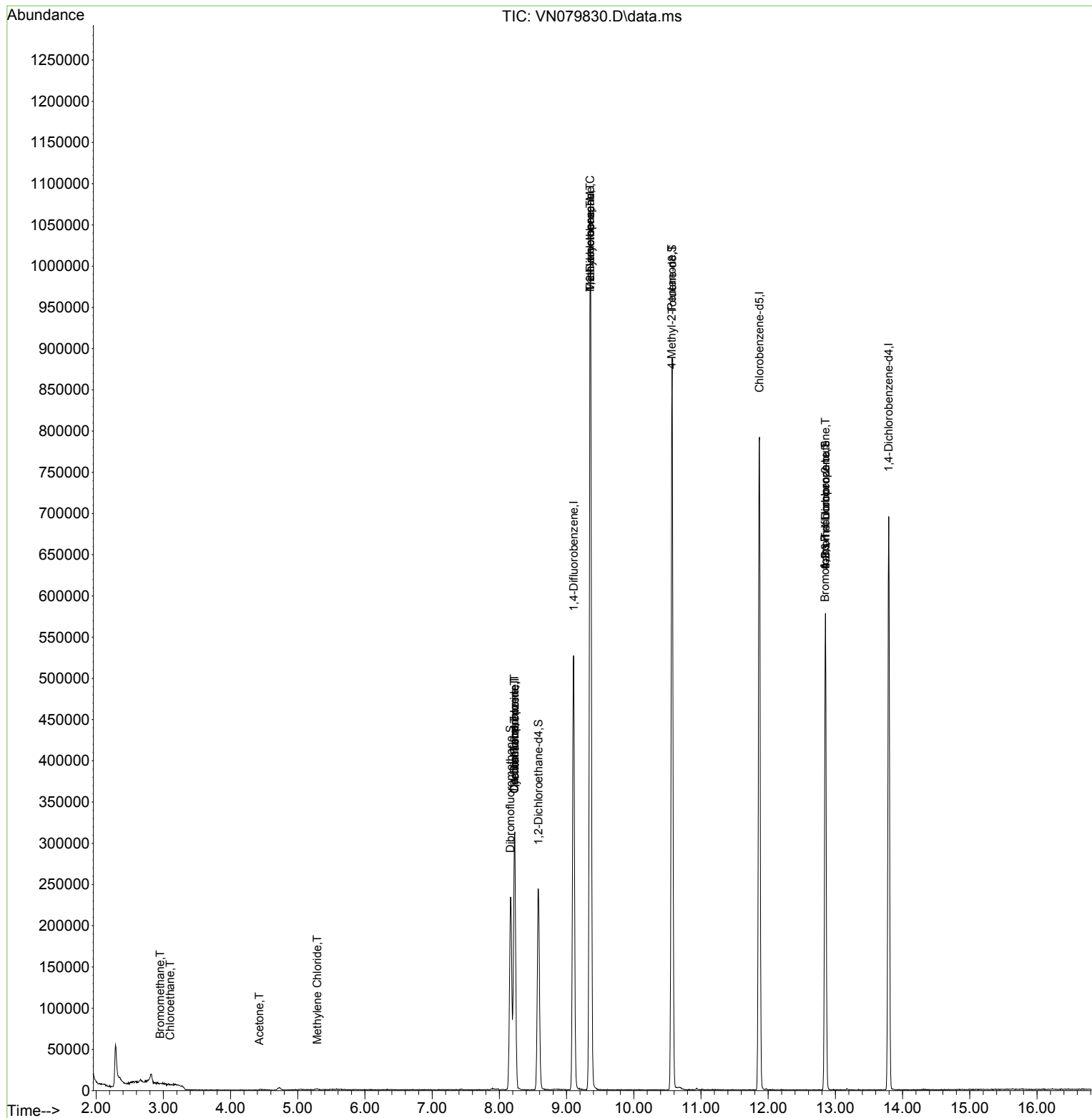
Internal Standards						
1) Pentafluorobenzene	8.230	168	218178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	437333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	456808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	200708	60.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.760%	
35) Dibromofluoromethane	8.165	113	168646	54.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.980%	
50) Toluene-d8	10.571	98	588311	51.630	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.853	95	190340	50.367	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1563	Below Cal	#	83
5) Bromomethane	2.953	94	450	0.215	ug/l #	80
6) Chloroethane	3.100	64	1172	0.431	ug/l #	43
16) Acetone	4.430	43	559	0.479	ug/l #	40
20) Methylene Chloride	5.289	84	746	0.253	ug/l #	58
31) Cyclohexane	8.224	56	5765	1.313	ug/l #	49
36) 1,1-Dichloropropene	8.224	75	20791	4.704	ug/l #	46
38) Carbon Tetrachloride	8.224	117	23967	5.381	ug/l #	14
39) Methylcyclohexane	9.353	83	5068	1.219	ug/l #	1
44) Trichloroethene	9.353	130	376554	114.639	ug/l	99
45) 1,2-Dichloropropane	9.353	63	1542	0.456	ug/l #	1
51) 4-Methyl-2-Pentanone	10.565	43	2906	0.726	ug/l #	1
71) Bromoform	12.847	173	1425	0.562	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	105132	25.080	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	105132	68.237	ug/l #	15

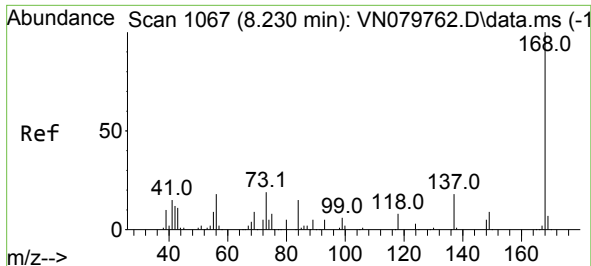
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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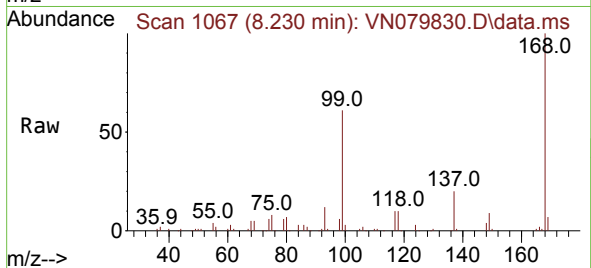
Quant Time: Nov 03 07:47:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
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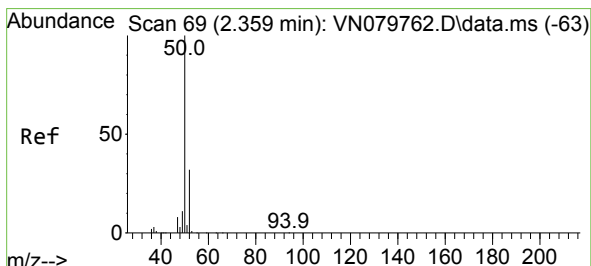
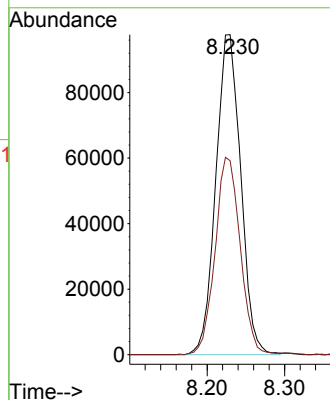
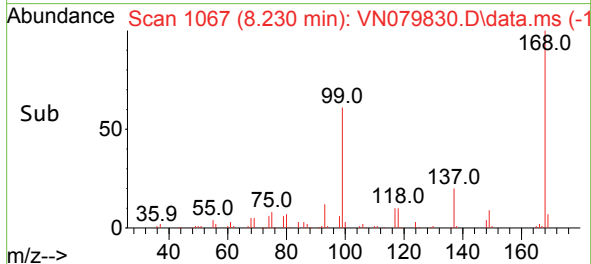


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079830.D
Acq: 03 Nov 2023 07:08

Instrument :
MSVOA_N
ClientSampleId :

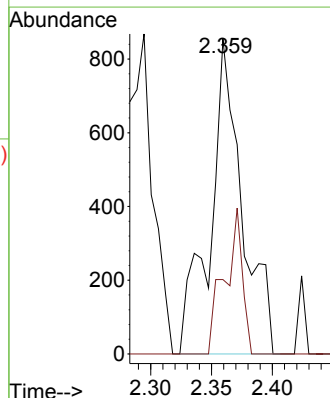
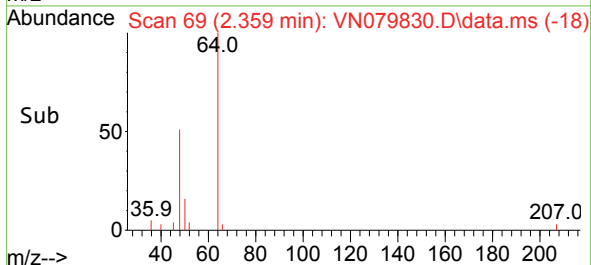
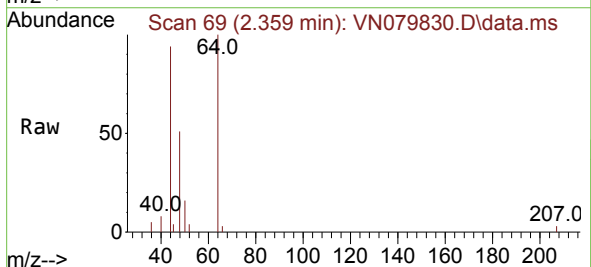


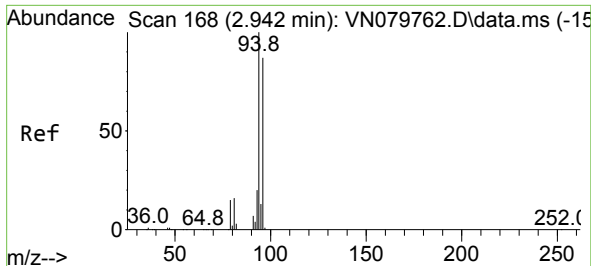
Tgt Ion:168 Resp: 218178
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079830.D
Acq: 03 Nov 2023 07:08

Tgt Ion: 50 Resp: 1563
Ion Ratio Lower Upper
50 100
52 23.7 26.5 39.7#

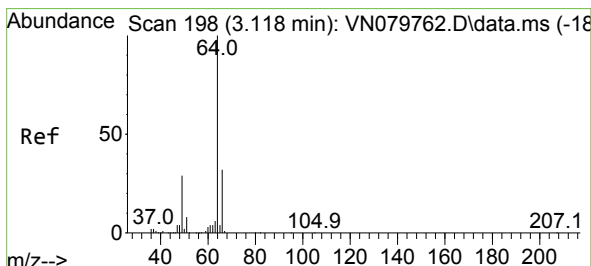
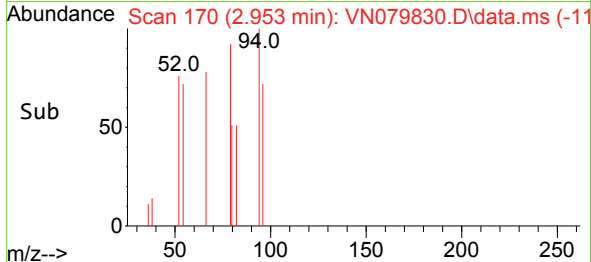
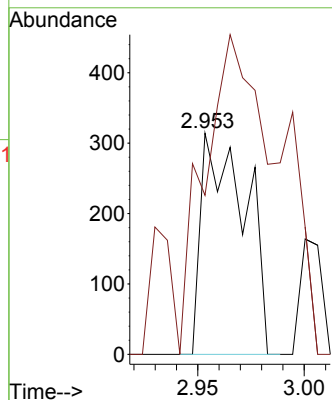
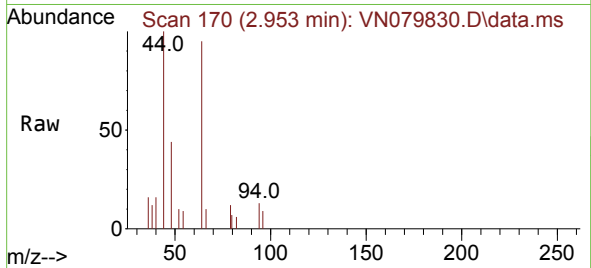




#5
Bromomethane
Concen: 0.215 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079830.D
Acq: 03 Nov 2023 07:08

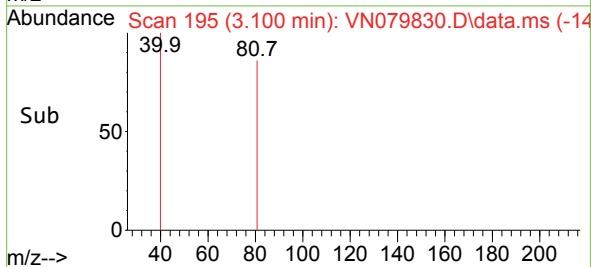
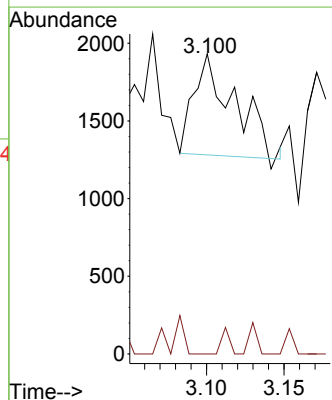
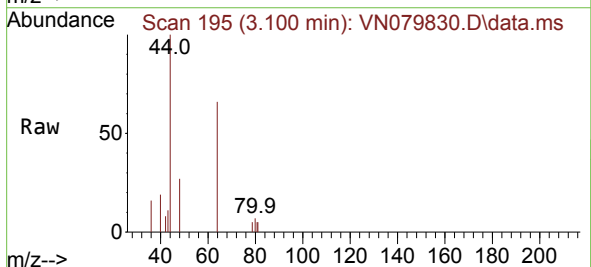
Instrument :
MSVOA_N
ClientSampleId :

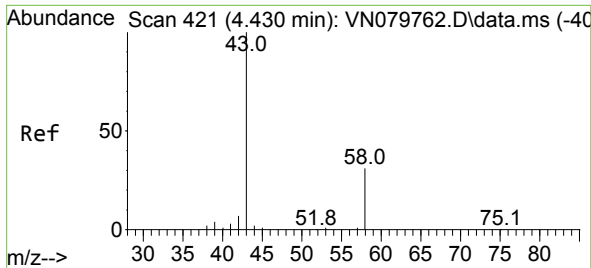
Tgt Ion: 94 Resp: 450
Ion Ratio Lower Upper
94 100
96 72.0 73.1 109.7#



#6
Chloroethane
Concen: 0.431 ug/l
RT: 3.100 min Scan# 195
Delta R.T. -0.018 min
Lab File: VN079830.D
Acq: 03 Nov 2023 07:08

Tgt Ion: 64 Resp: 1172
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

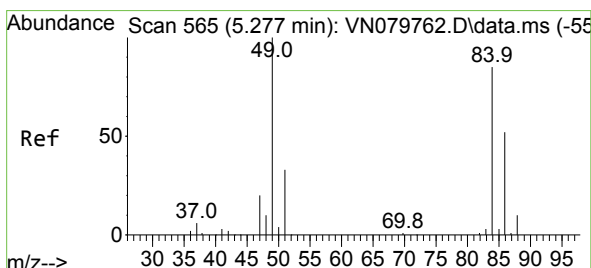
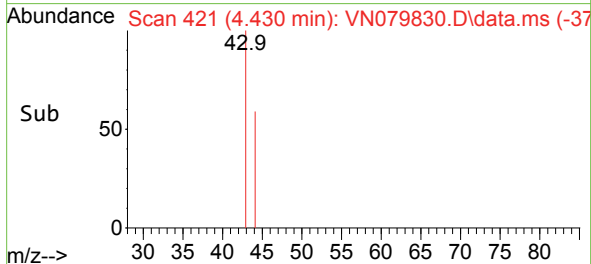
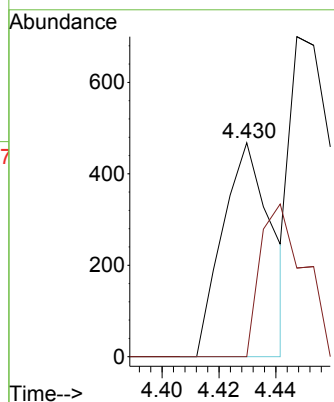
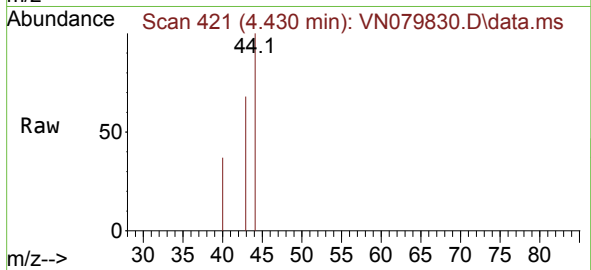




#16
Acetone
Concen: 0.479 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079830.D
Acq: 03 Nov 2023 07:08

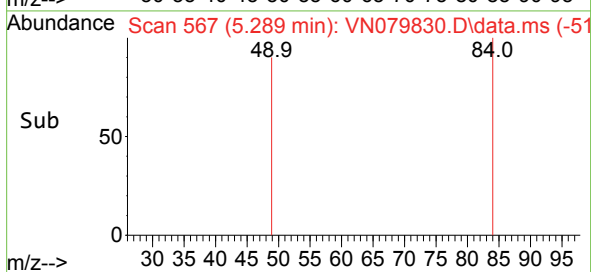
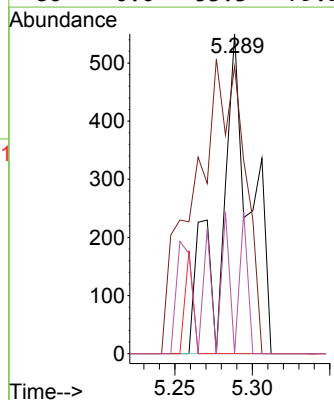
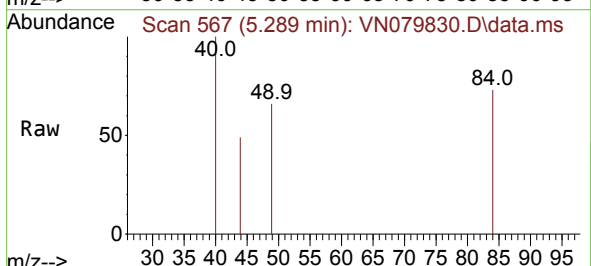
Instrument :
MSVOA_N
ClientSampleId :

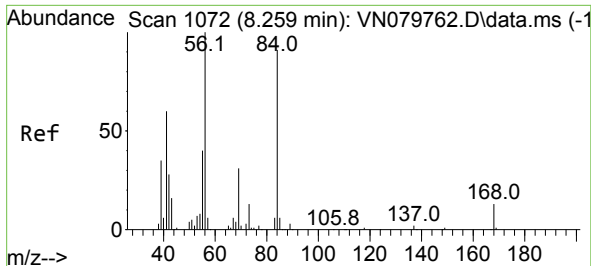
Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: 0.253 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.018 min
Lab File: VN079830.D
Acq: 03 Nov 2023 07:08

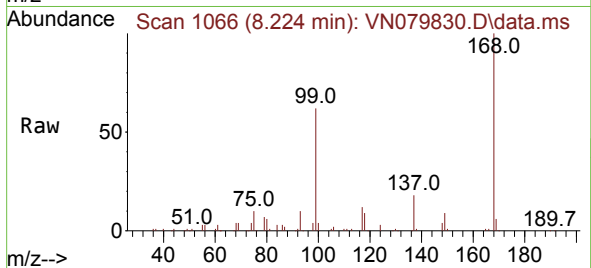
Tgt Ion: 84 Resp: 746
Ion Ratio Lower Upper
84 100
49 89.8 79.7 119.5
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#



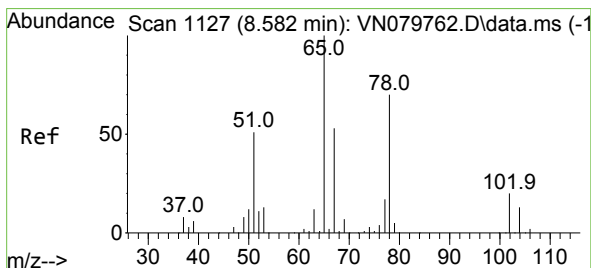
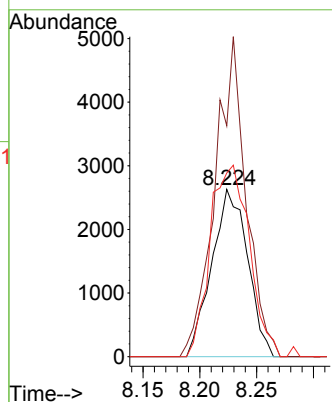
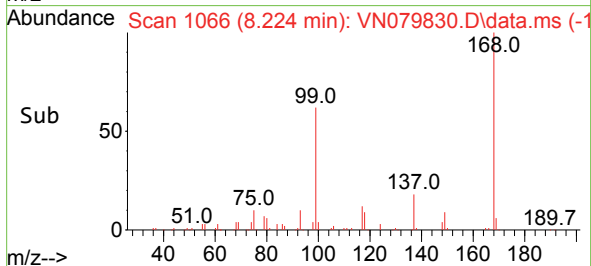


#31
Cyclohexane
Concen: 1.313 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN079830.D
Acq: 03 Nov 2023 07:08

Instrument :
MSVOA_N
ClientSampleId :

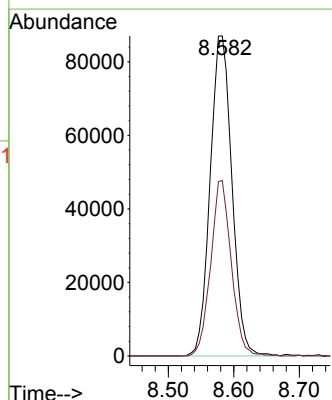
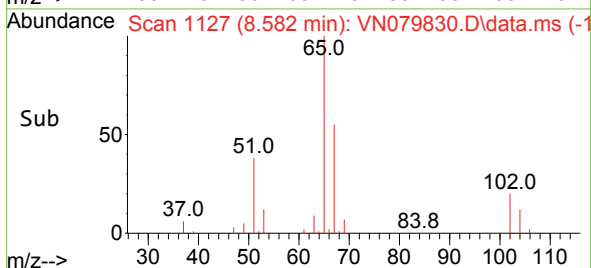
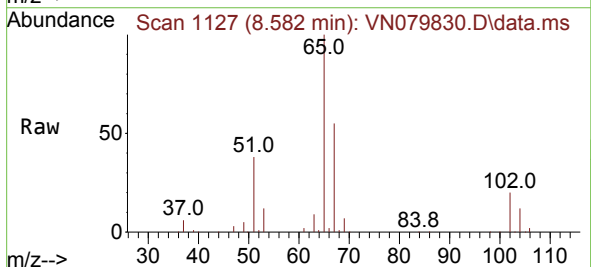


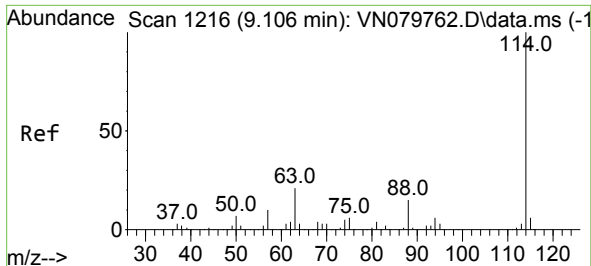
Tgt Ion: 56 Resp: 5765
Ion Ratio Lower Upper
56 100
69 137.9 26.8 40.2#
84 109.8 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 60.381 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079830.D
Acq: 03 Nov 2023 07:08

Tgt Ion: 65 Resp: 200708
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079830.D

Acq: 03 Nov 2023 07:08

Instrument :

MSVOA_N

ClientSampleId :

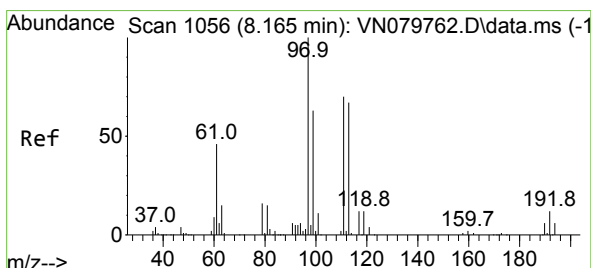
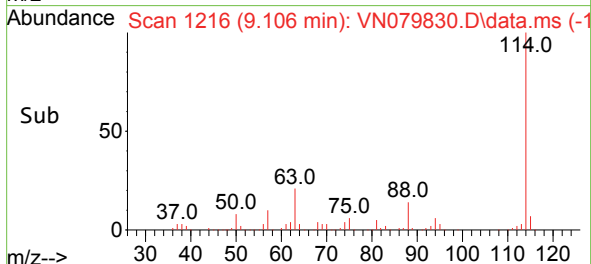
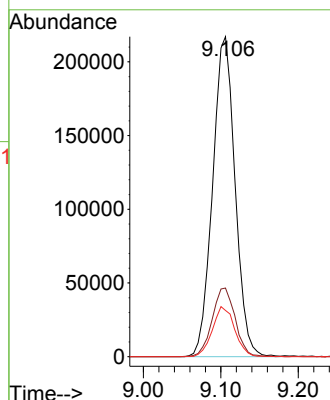
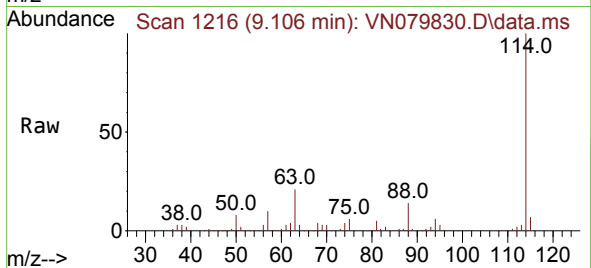
Tgt Ion:114 Resp: 437333

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.485 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079830.D

Acq: 03 Nov 2023 07:08

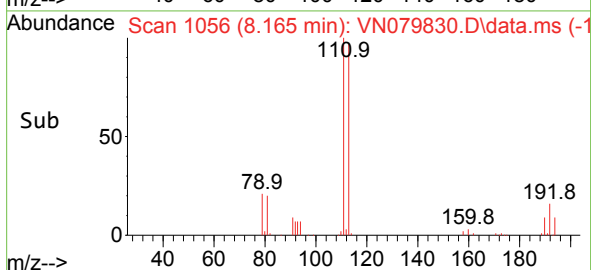
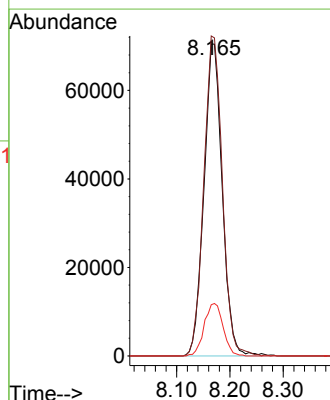
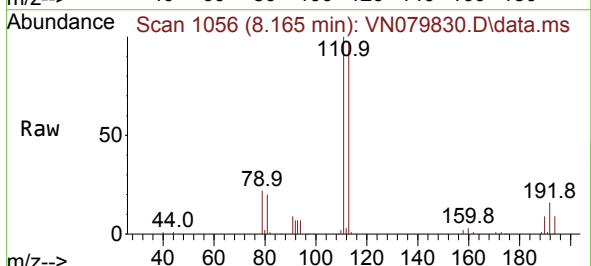
Tgt Ion:113 Resp: 168646

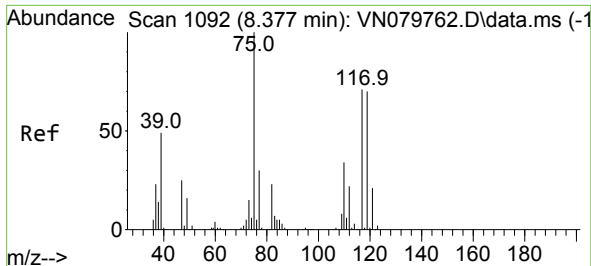
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 17.3 12.7 19.1

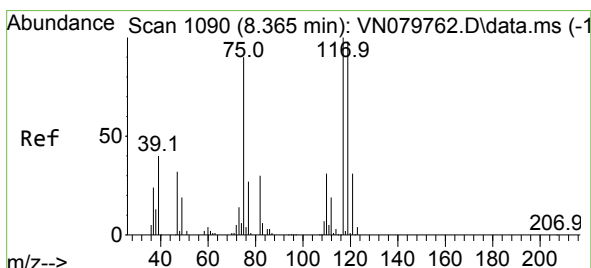
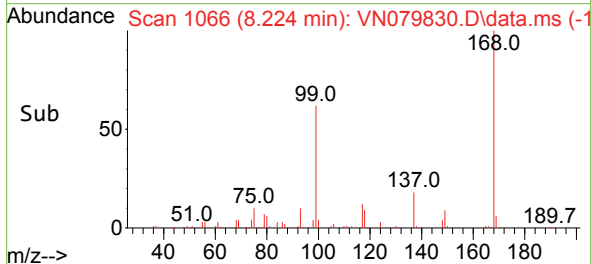
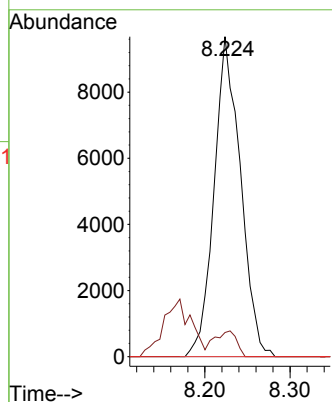
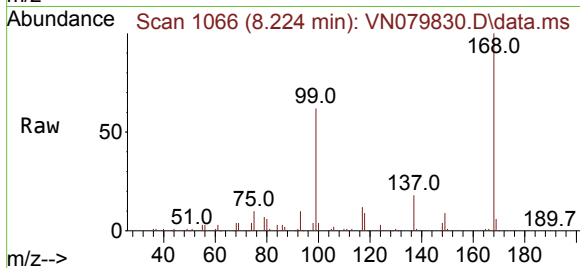




#36
1,1-Dichloropropene
Concen: 4.704 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079830.D
Acq: 03 Nov 2023 07:08

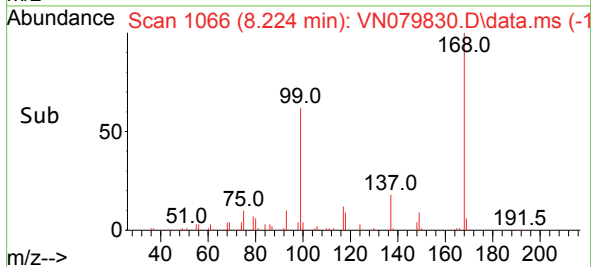
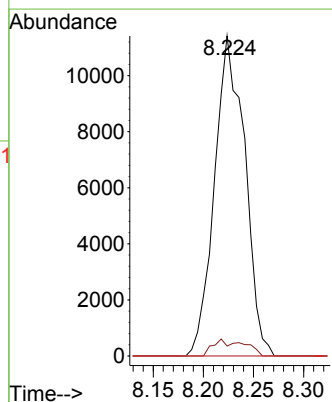
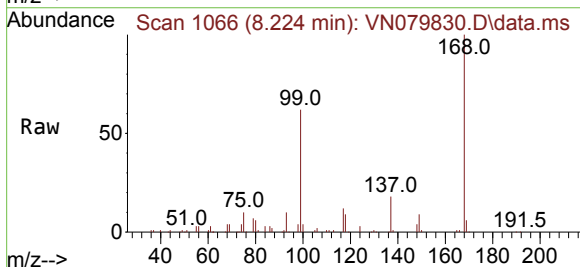
Instrument :
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ClientSampleId :

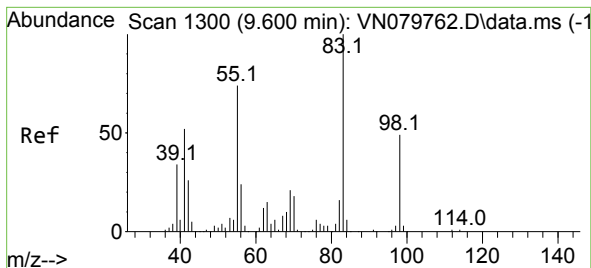
Tgt Ion: 75 Resp: 20791
Ion Ratio Lower Upper
75 100
110 6.8 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.381 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN079830.D
Acq: 03 Nov 2023 07:08

Tgt Ion: 117 Resp: 23967
Ion Ratio Lower Upper
117 100
119 3.1 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 1.219 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.253 min

Lab File: VN079830.D

Acq: 03 Nov 2023 07:08

Instrument :

MSVOA_N

ClientSampleId :

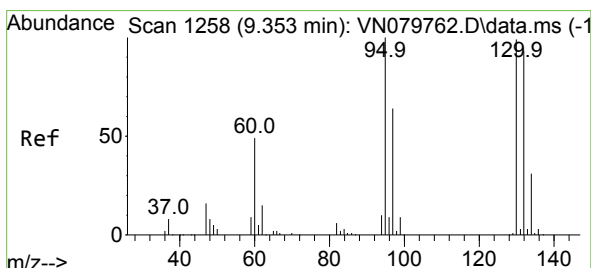
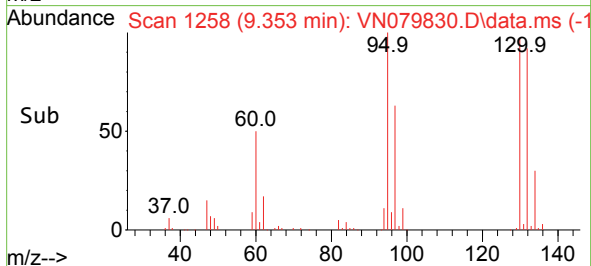
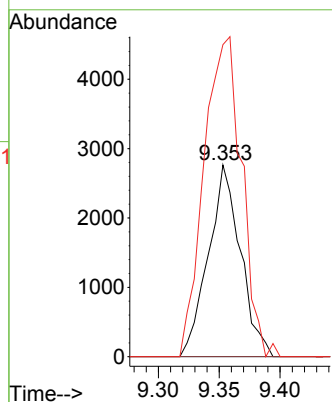
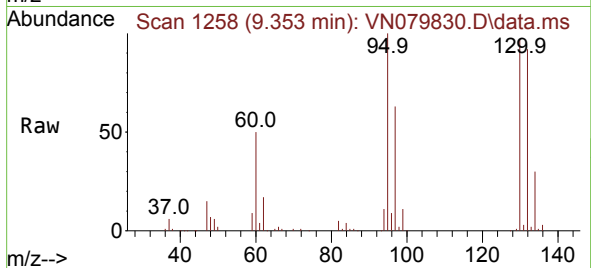
Tgt Ion: 83 Resp: 5068

Ion Ratio Lower Upper

83 100

55 0.0 49.1 73.7#

98 162.8 40.6 61.0#



#44

Trichloroethene

Concen: 114.639 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079830.D

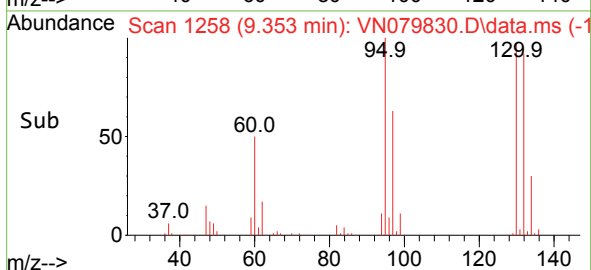
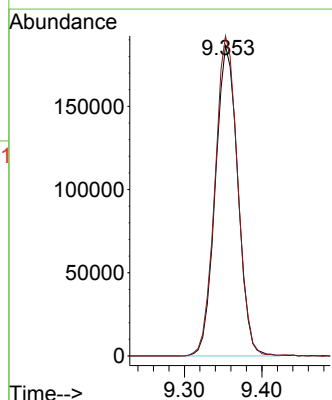
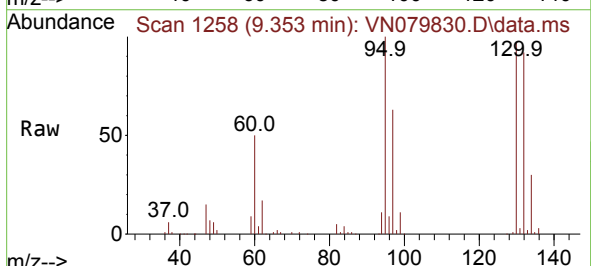
Acq: 03 Nov 2023 07:08

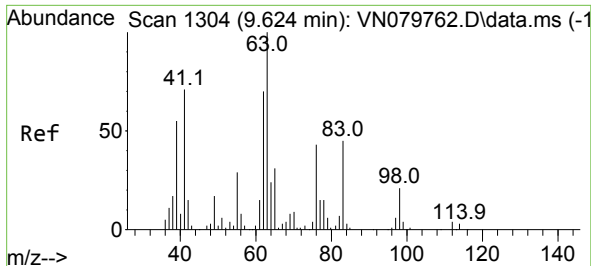
Tgt Ion:130 Resp: 376554

Ion Ratio Lower Upper

130 100

95 103.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 0.456 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.271 min

Lab File: VN079830.D

Acq: 03 Nov 2023 07:08

Instrument :

MSVOA_N

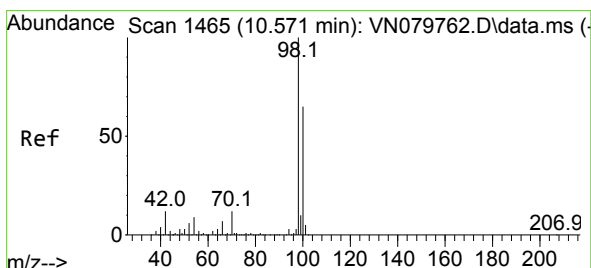
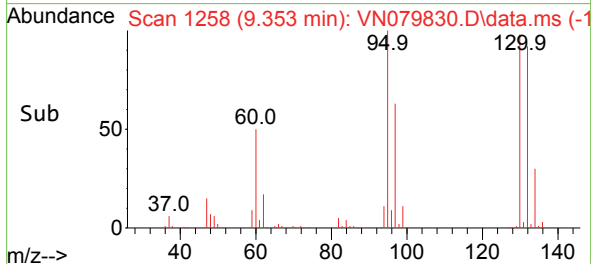
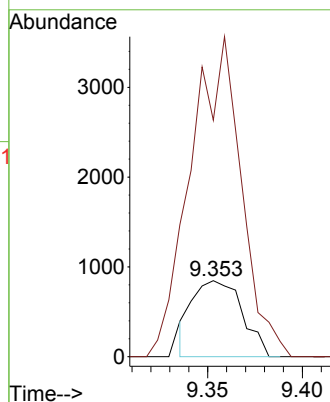
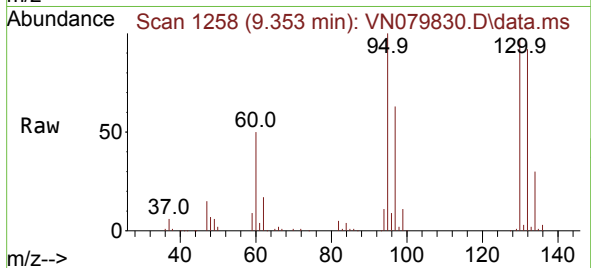
ClientSampleId :

Tgt Ion: 63 Resp: 1542

Ion Ratio Lower Upper

63 100

65 291.3 23.9 35.9#



#50

Toluene-d8

Concen: 51.630 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079830.D

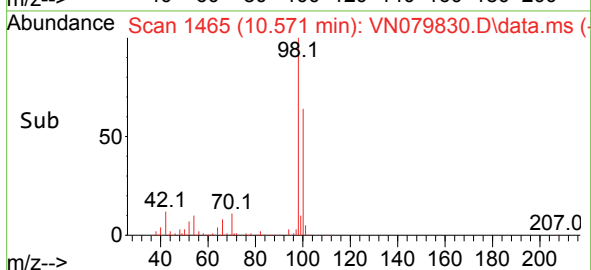
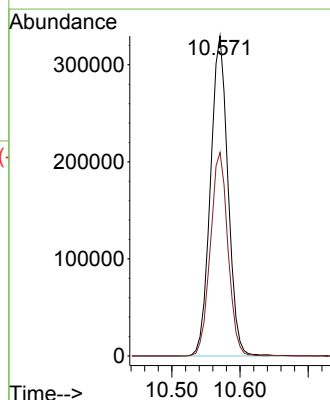
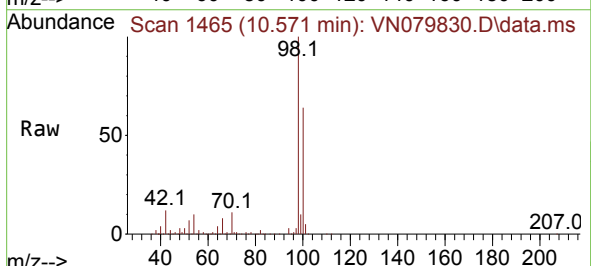
Acq: 03 Nov 2023 07:08

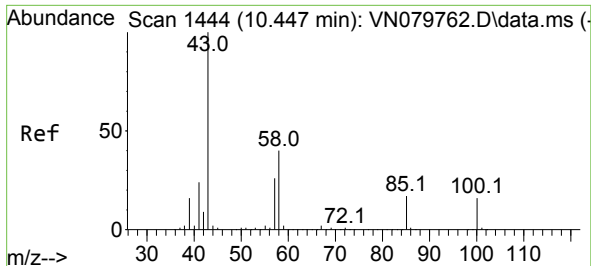
Tgt Ion: 98 Resp: 588311

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.726 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN079830.D

Acq: 03 Nov 2023 07:08

Instrument :

MSVOA_N

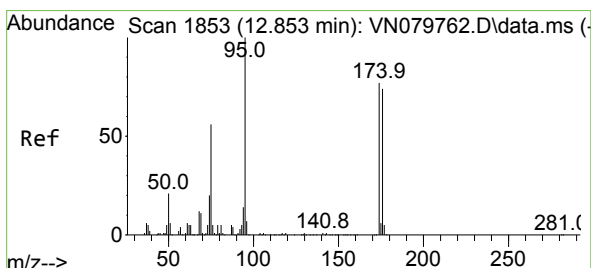
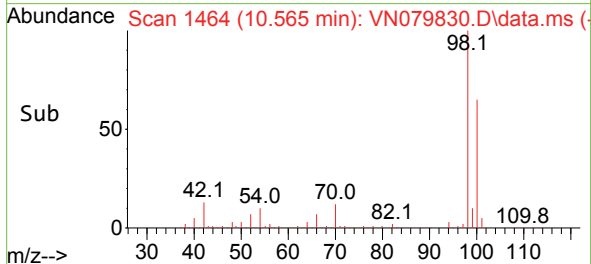
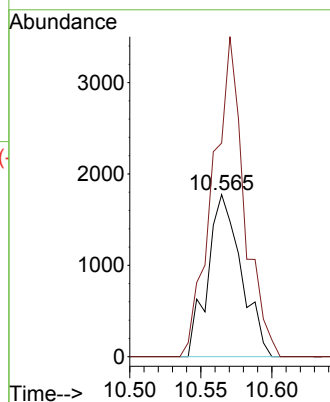
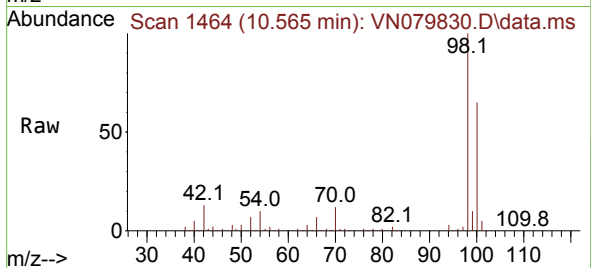
ClientSampleId :

Tgt Ion: 43 Resp: 2906

Ion Ratio Lower Upper

43 100

58 186.8 36.6 54.8#



#62

4-Bromofluorobenzene

Concen: 50.367 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079830.D

Acq: 03 Nov 2023 07:08

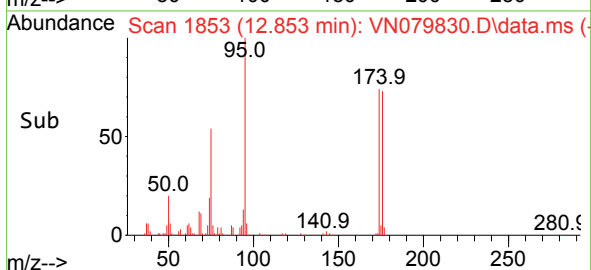
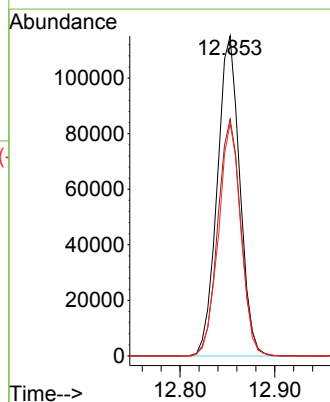
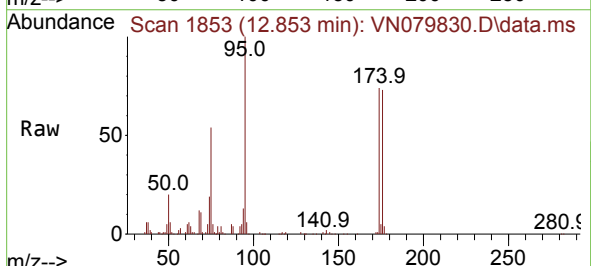
Tgt Ion: 95 Resp: 190340

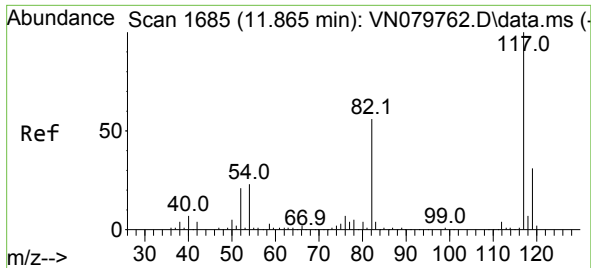
Ion Ratio Lower Upper

95 100

174 75.8 0.0 143.8

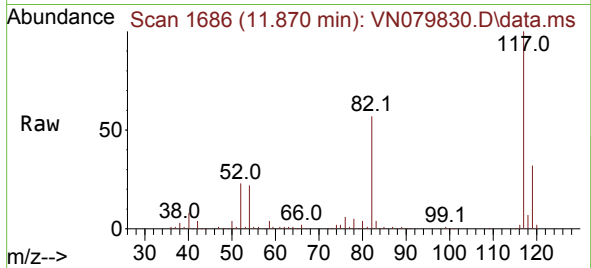
176 72.1 0.0 135.8



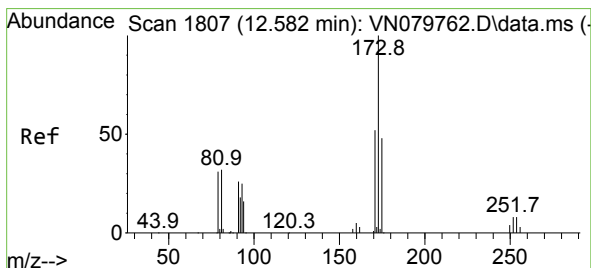
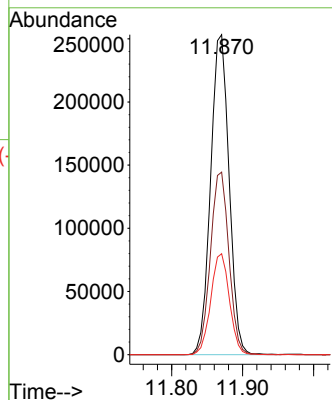
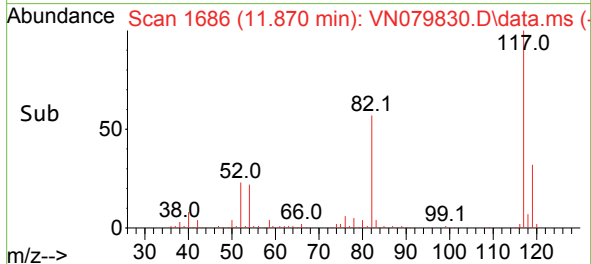


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079830.D
Acq: 03 Nov 2023 07:08

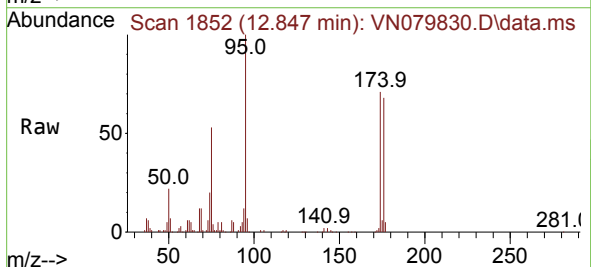
Instrument :
MSVOA_N
ClientSampleId :



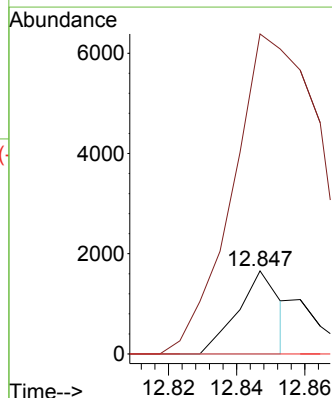
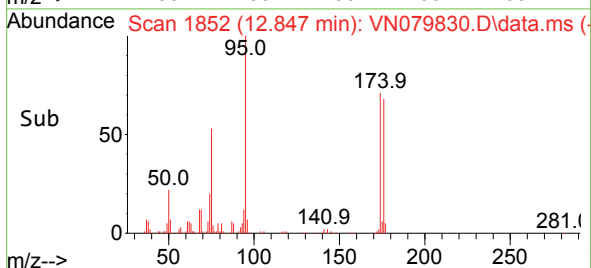
Tgt Ion:117 Resp: 456808
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 31.5 25.6 38.4

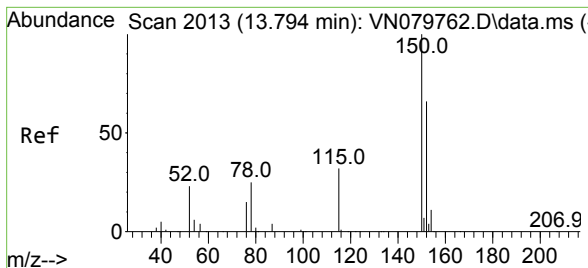


#71
Bromoform
Concen: 0.562 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN079830.D
Acq: 03 Nov 2023 07:08



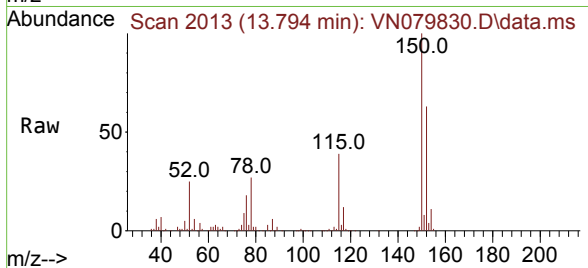
Tgt Ion:173 Resp: 1425
Ion Ratio Lower Upper
173 100
175 631.8 24.3 73.0#
254 0.0 0.0 0.0



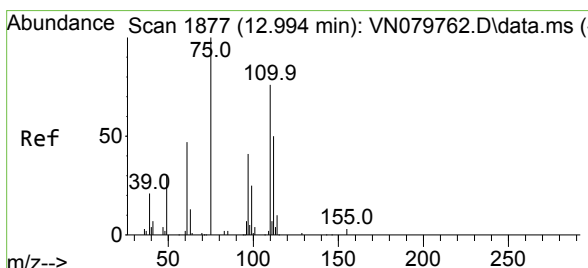
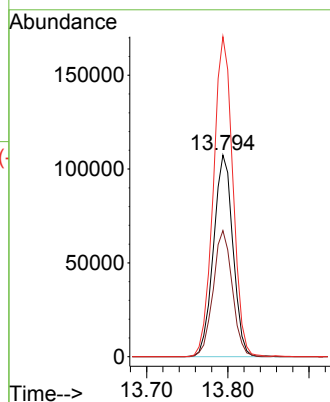
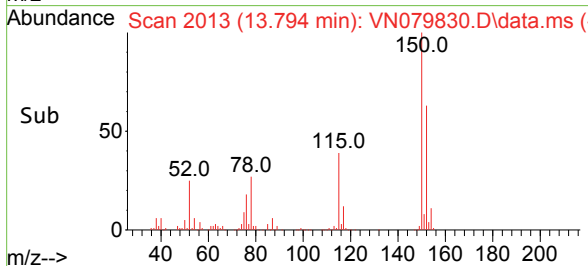


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079830.D
 Acq: 03 Nov 2023 07:08

Instrument :
 MSVOA_N
 ClientSampleId :

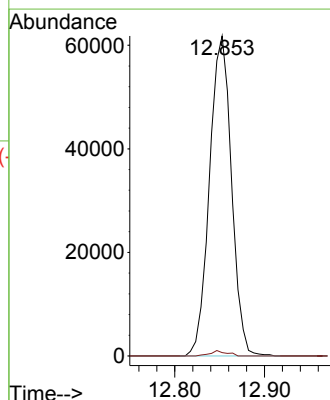
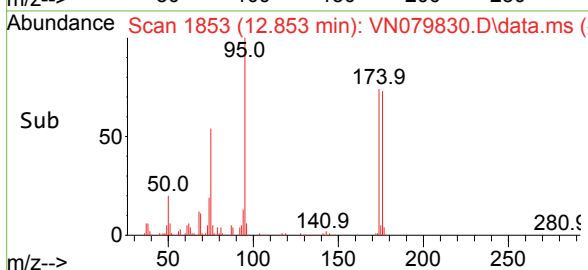
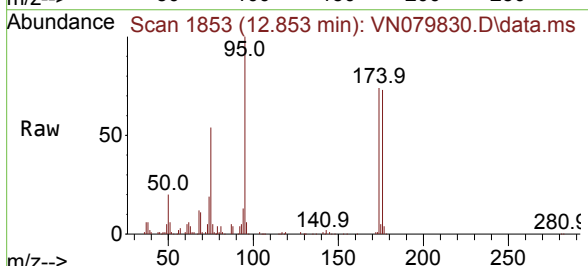


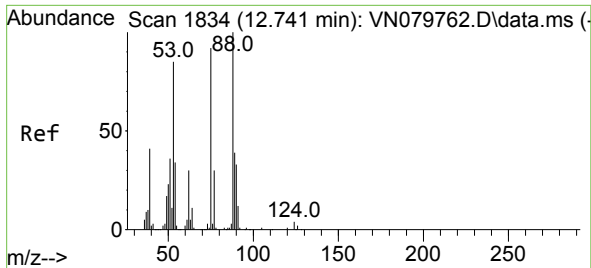
Tgt Ion:152 Resp: 178550
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.3 96.8
 150 159.0 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 25.080 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN079830.D
 Acq: 03 Nov 2023 07:08

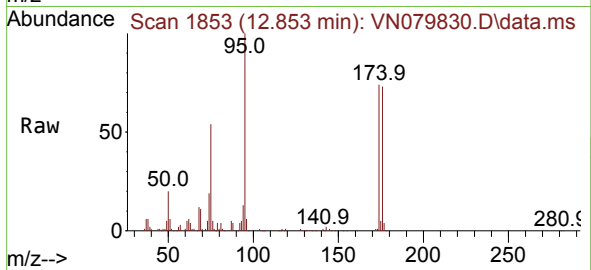
Tgt Ion: 75 Resp: 105132
 Ion Ratio Lower Upper
 75 100
 77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.237 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079830.D
 Acq: 03 Nov 2023 07:08

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 105132
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

