

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079877.D
 Acq On : 04 Nov 2023 05:08
 Operator : JC\MD
 Sample : 05223-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

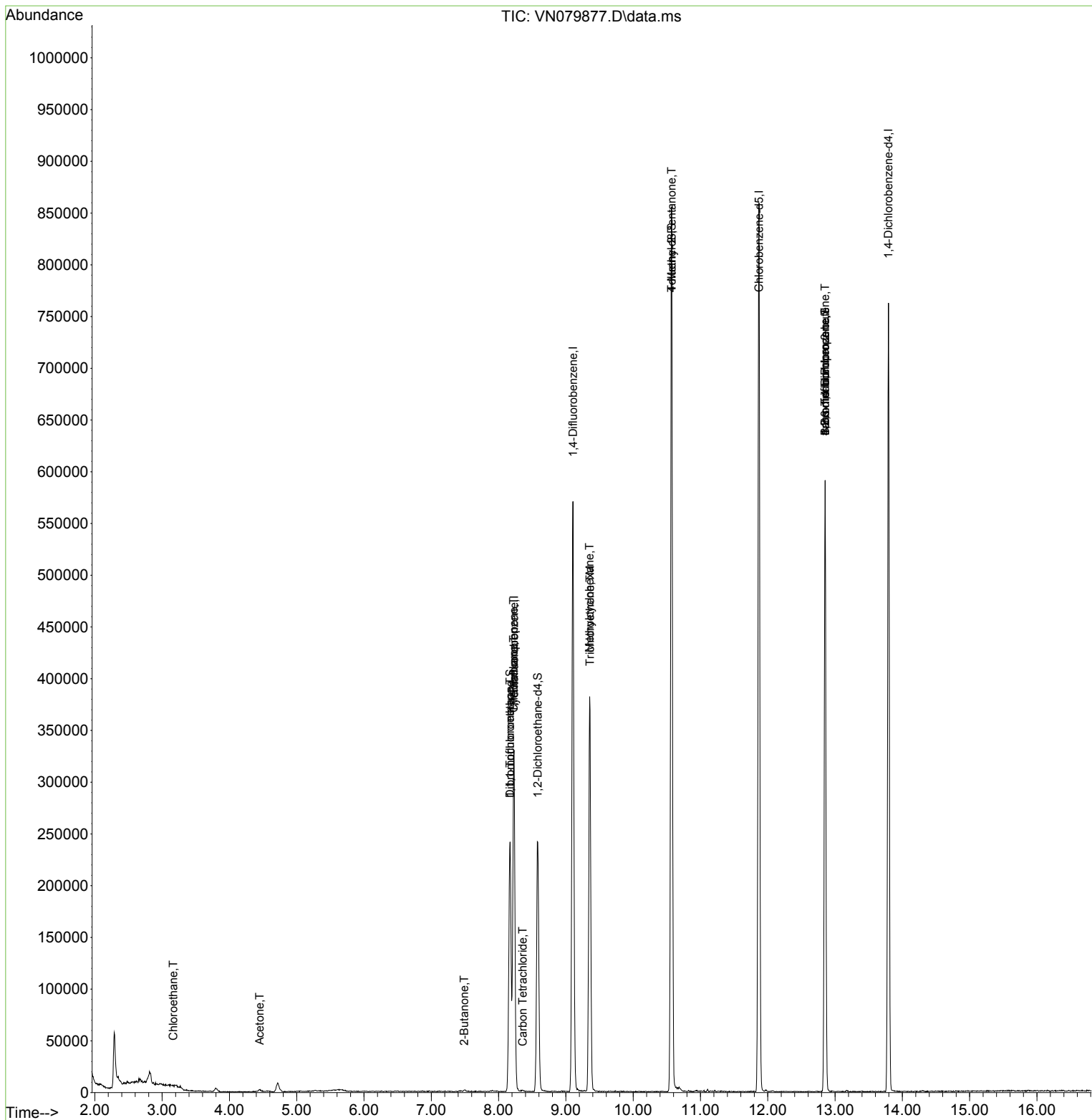
Quant Time: Nov 04 06:14:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

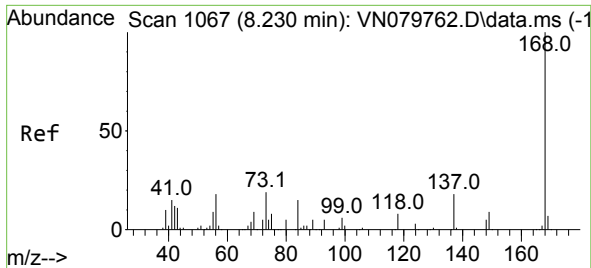
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	230029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	466788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	480872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	204232	58.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.560%
35) Dibromofluoromethane	8.171	113	166438	50.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.760%
50) Toluene-d8	10.571	98	579640	47.659	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.853	95	193078	47.867	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.740%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1575	Below Cal	#	71
6) Chloroethane	3.165	64	831	0.290	ug/l #	43
16) Acetone	4.447	43	3086	2.507	ug/l #	70
25) 2-Butanone	7.488	43	1232	0.683	ug/l #	37
31) Cyclohexane	8.224	56	6220	1.343	ug/l #	28
32) 1,1,1-Trichloroethane	8.171	97	4916	1.040	ug/l #	50
36) 1,1-Dichloropropene	8.224	75	21061	4.465	ug/l #	48
38) Carbon Tetrachloride	8.359	117	1010	0.212	ug/l #	49
39) Methylcyclohexane	9.353	83	1864	0.420	ug/l #	1
44) Trichloroethene	9.359	130	133450	38.064	ug/l	98
51) 4-Methyl-2-Pentanone	10.571	43	3021	0.707	ug/l #	1
71) Bromoform	12.853	173	904	0.339	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	105642	23.065	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	105642	62.754	ug/l #	15

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

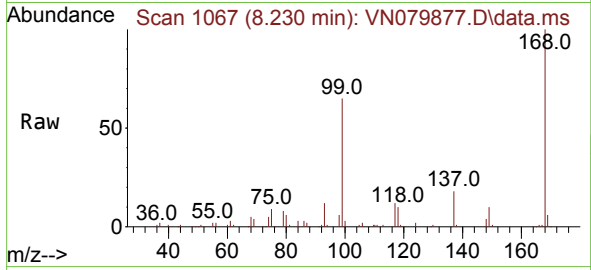
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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration



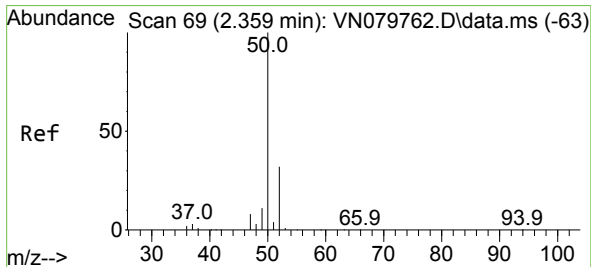
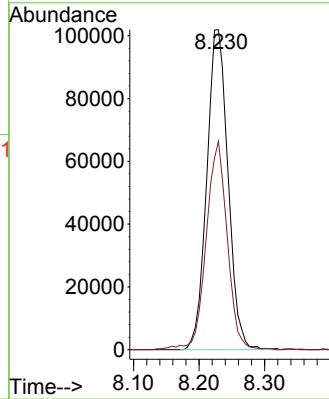
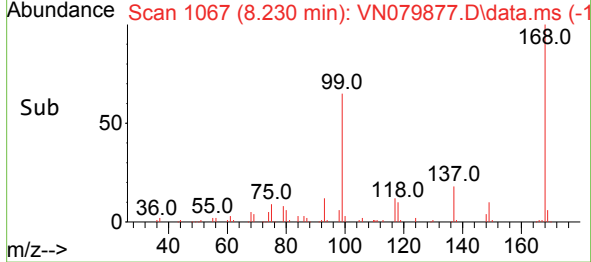


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN079877.D
Acq: 04 Nov 2023 05:08

Instrument :
MSVOA_N
ClientSampleId :

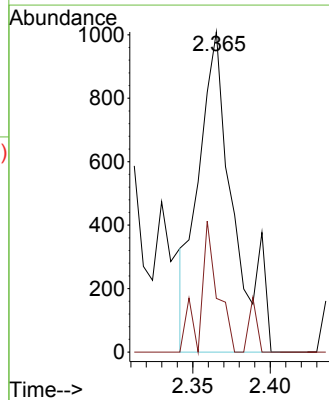
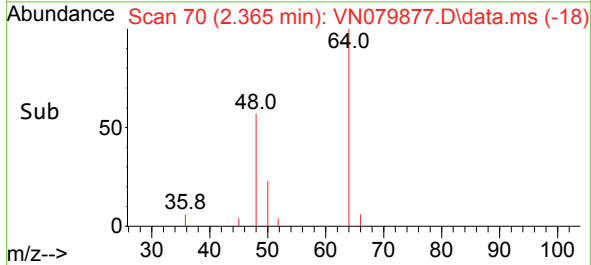
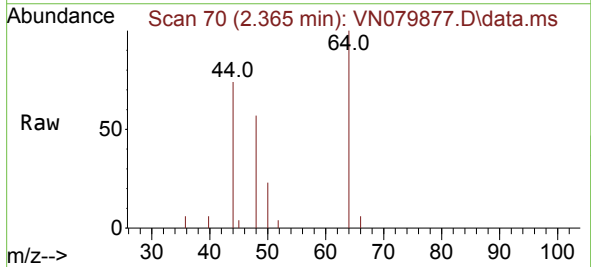


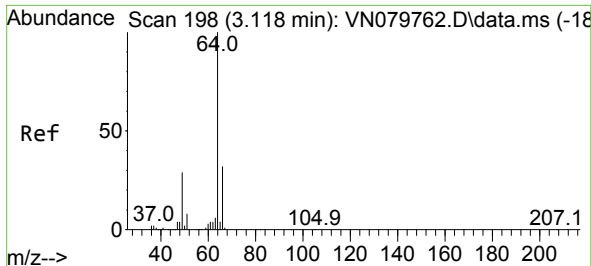
Tgt Ion:168 Resp: 230029
Ion Ratio Lower Upper
168 100
99 65.2 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079877.D
Acq: 04 Nov 2023 05:08

Tgt Ion: 50 Resp: 1575
Ion Ratio Lower Upper
50 100
52 16.7 26.5 39.7#

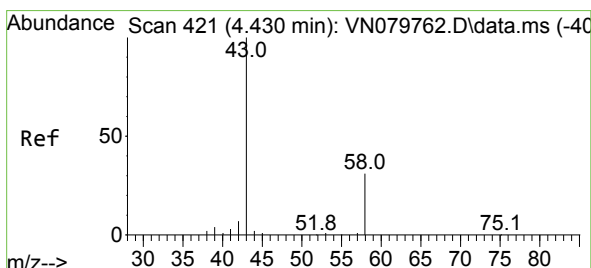
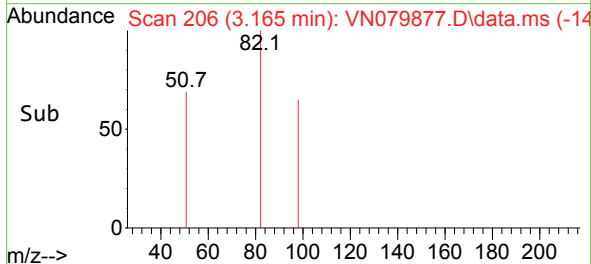
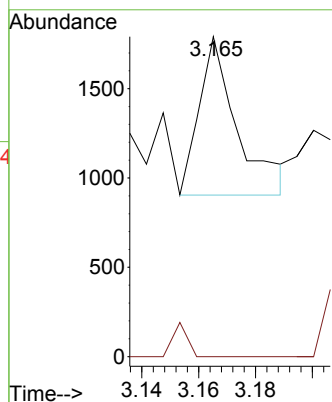
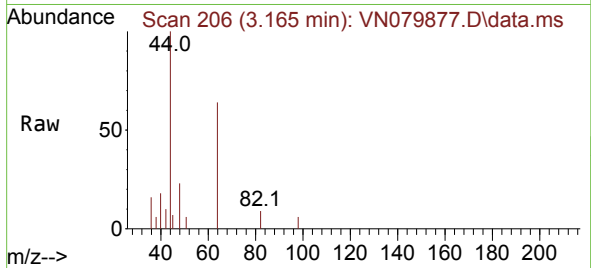




#6
Chloroethane
Concen: 0.290 ug/l
RT: 3.165 min Scan# 206
Delta R.T. 0.047 min
Lab File: VN079877.D
Acq: 04 Nov 2023 05:08

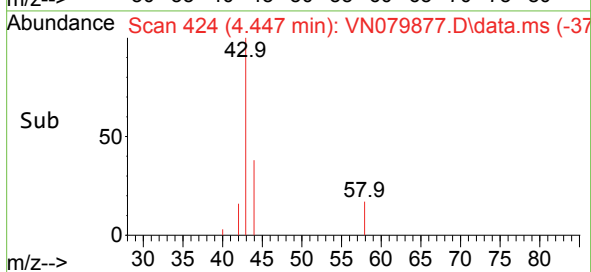
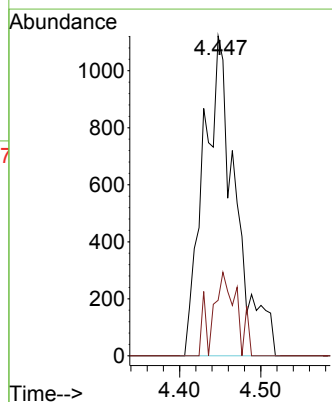
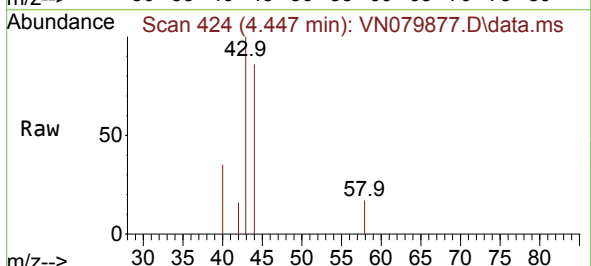
Instrument :
MSVOA_N
ClientSampleId :

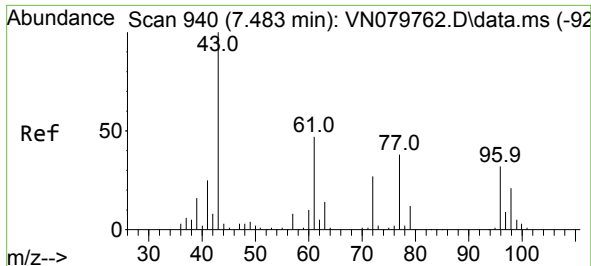
Tgt Ion: 64 Resp: 831
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 2.507 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN079877.D
Acq: 04 Nov 2023 05:08

Tgt Ion: 43 Resp: 3086
Ion Ratio Lower Upper
43 100
58 17.4 28.0 42.0#

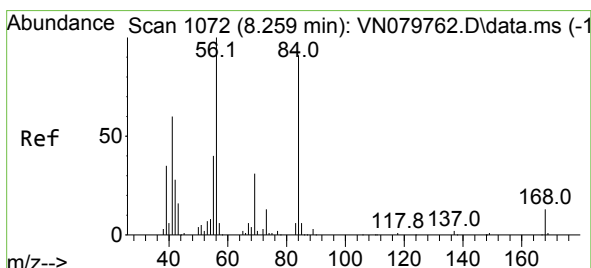
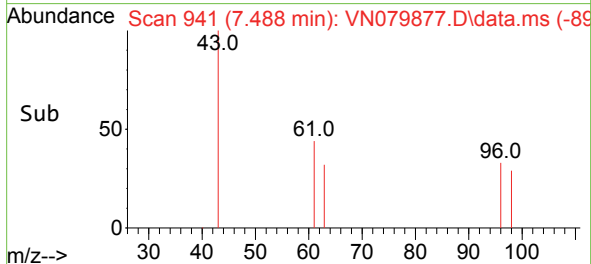
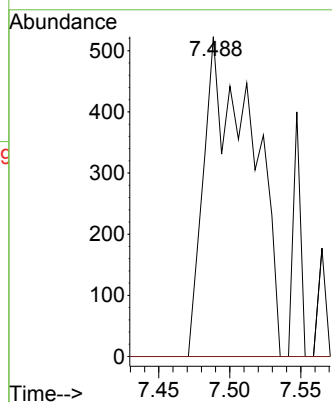
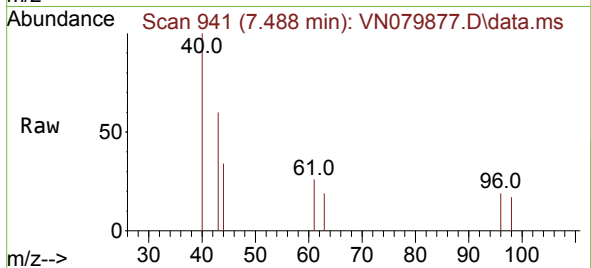




#25
2-Butanone
Concen: 0.683 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079877.D
Acq: 04 Nov 2023 05:08

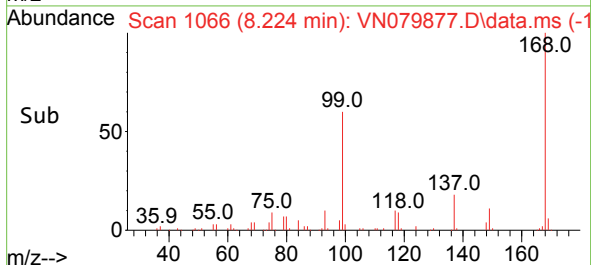
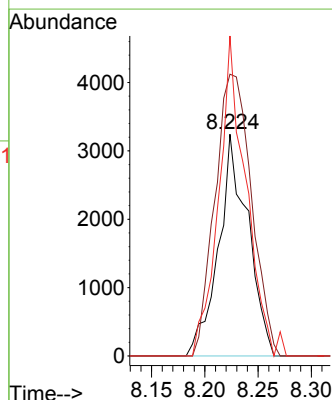
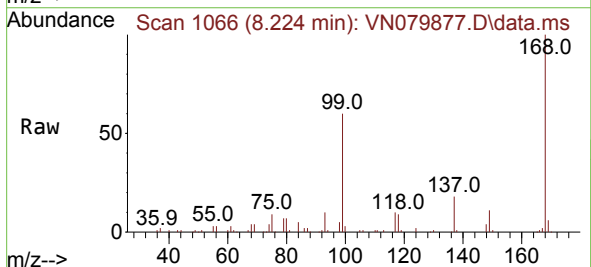
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MSVOA_N
ClientSampleId :

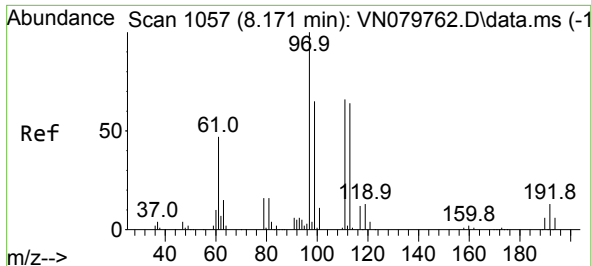
Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#31
Cyclohexane
Concen: 1.343 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN079877.D
Acq: 04 Nov 2023 05:08

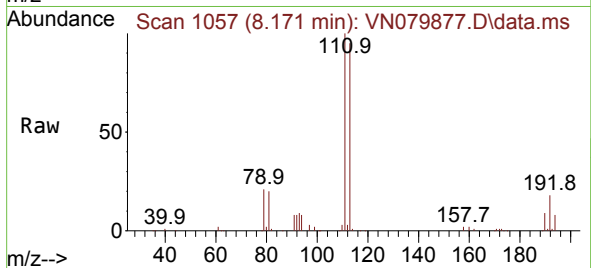
Tgt Ion: 56 Resp: 6220
Ion Ratio Lower Upper
56 100
69 127.0 26.8 40.2#
84 144.3 81.8 122.6#



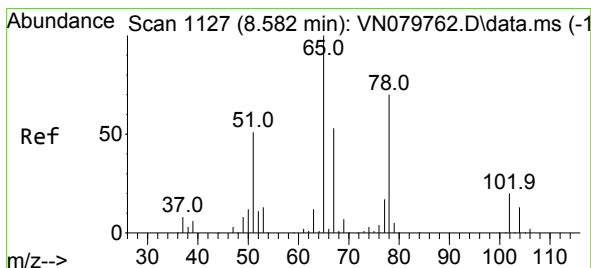
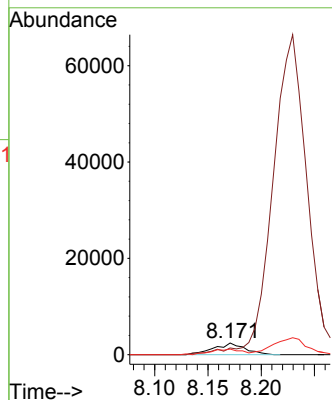
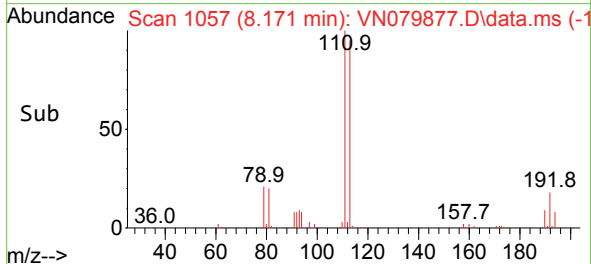


#32
1,1,1-Trichloroethane
Concen: 1.040 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079877.D
Acq: 04 Nov 2023 05:08

Instrument :
MSVOA_N
ClientSampleId :

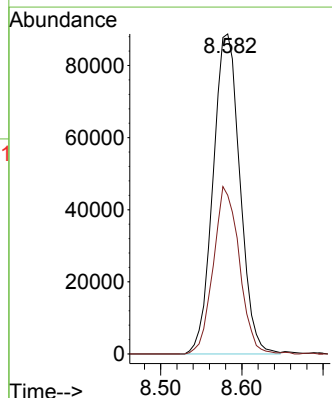
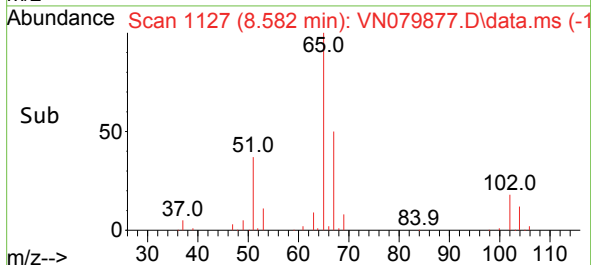
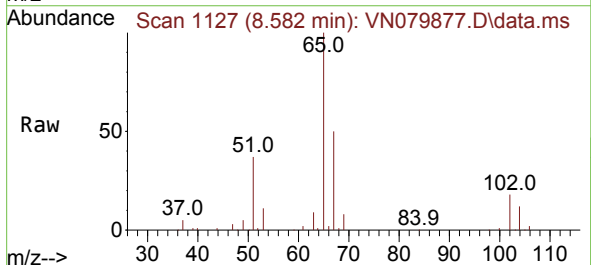


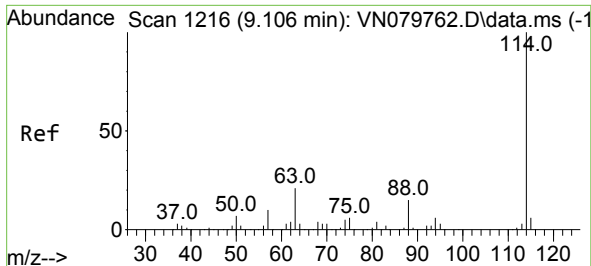
Tgt Ion: 97 Resp: 4916
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 46.8 34.7 52.1



#33
1,2-Dichloroethane-d4
Concen: 58.276 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079877.D
Acq: 04 Nov 2023 05:08

Tgt Ion: 65 Resp: 204232
Ion Ratio Lower Upper
65 100
67 50.6 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: VN079877.D

Acq: 04 Nov 2023 05:08

Instrument :

MSVOA_N

ClientSampleId :

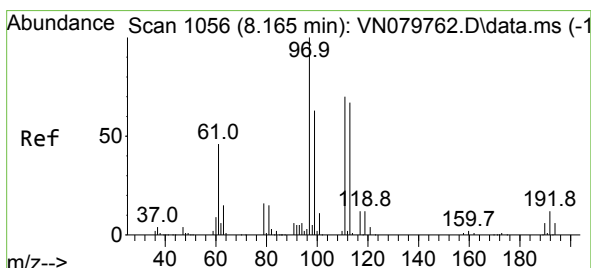
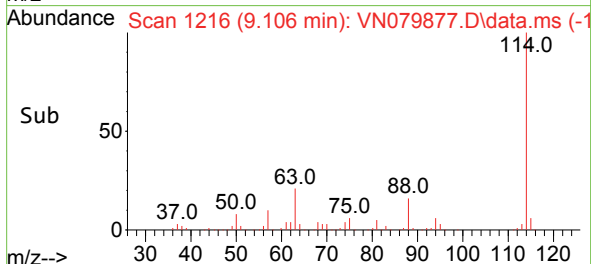
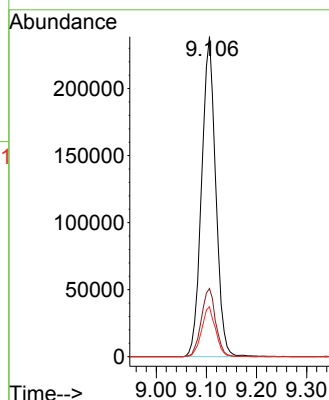
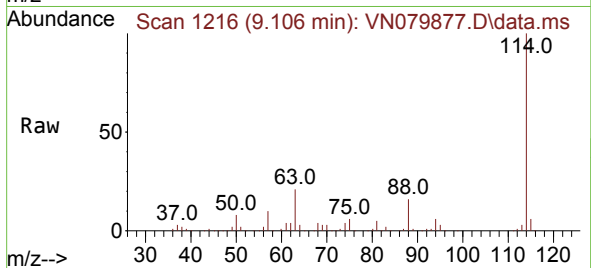
Tgt Ion:114 Resp: 466788

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.379 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079877.D

Acq: 04 Nov 2023 05:08

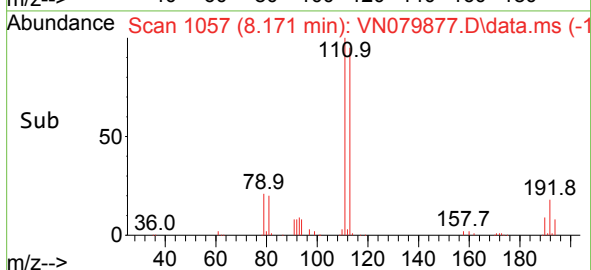
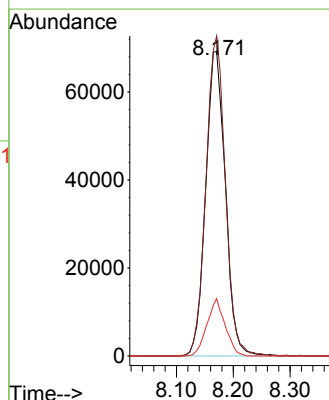
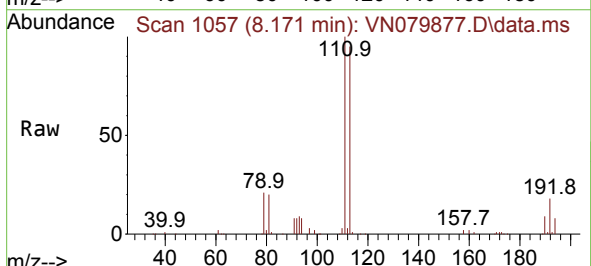
Tgt Ion:113 Resp: 166438

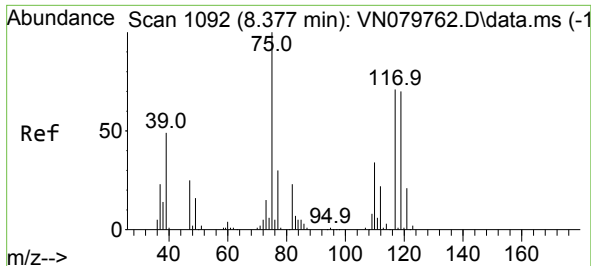
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 17.4 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.465 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

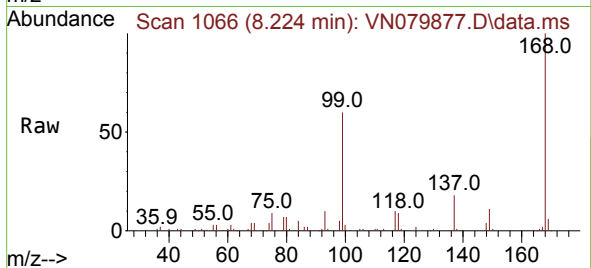
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Acq: 04 Nov 2023 05:08

Instrument :

MSVOA_N

ClientSampleId :



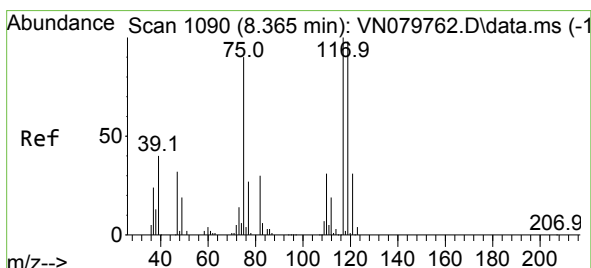
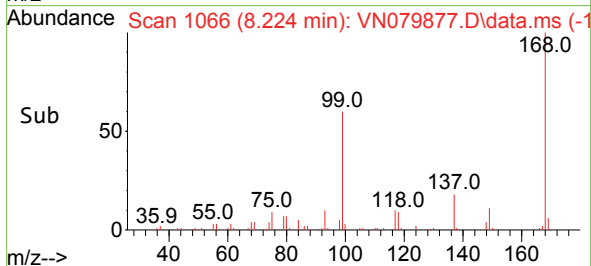
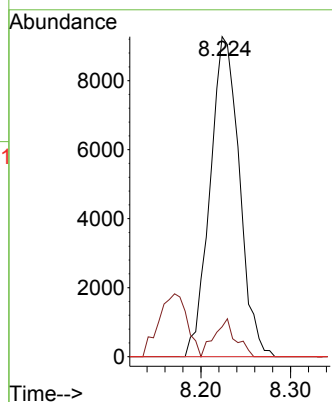
Tgt Ion: 75 Resp: 21061

Ion Ratio Lower Upper

75 100

110 8.6 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 0.212 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN079877.D

Acq: 04 Nov 2023 05:08

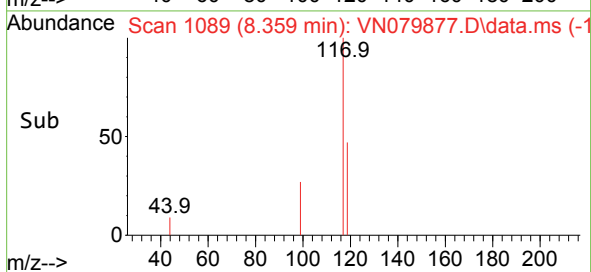
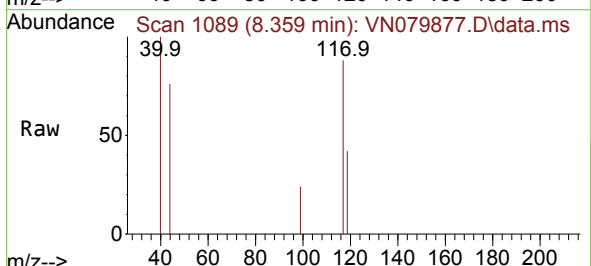
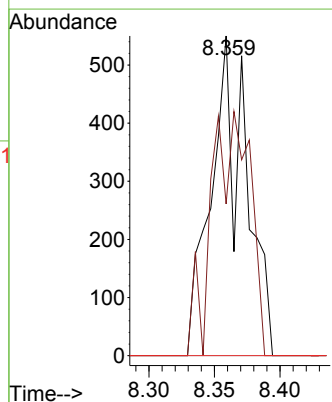
Tgt Ion: 117 Resp: 1010

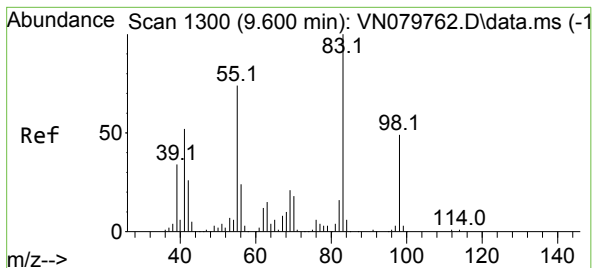
Ion Ratio Lower Upper

117 100

119 47.5 77.3 115.9#

121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.420 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.253 min

Lab File: VN079877.D

Acq: 04 Nov 2023 05:08

Instrument :

MSVOA_N

ClientSampleId :

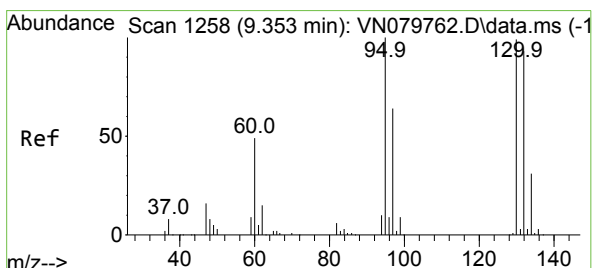
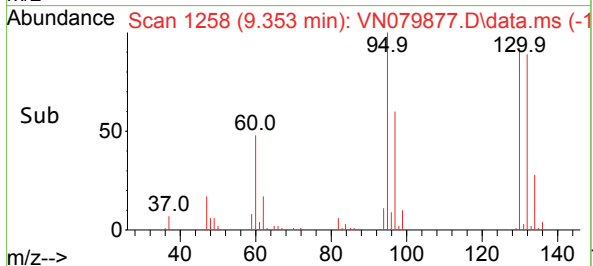
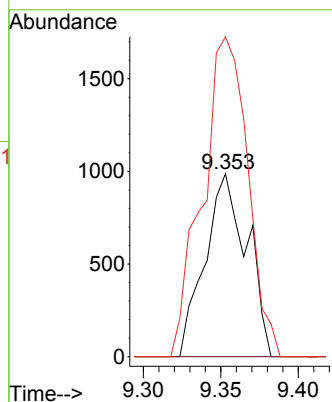
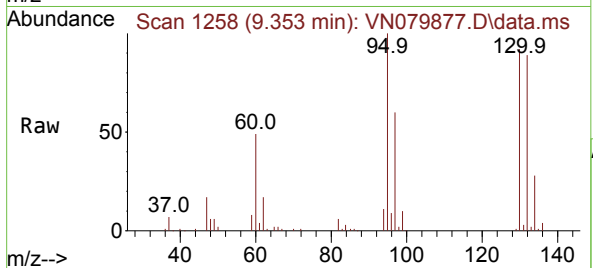
Tgt Ion: 83 Resp: 1864

Ion Ratio Lower Upper

83 100

55 0.0 49.1 73.7#

98 174.8 40.6 61.0#



#44

Trichloroethene

Concen: 38.064 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN079877.D

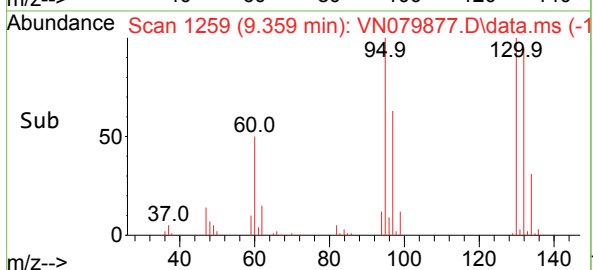
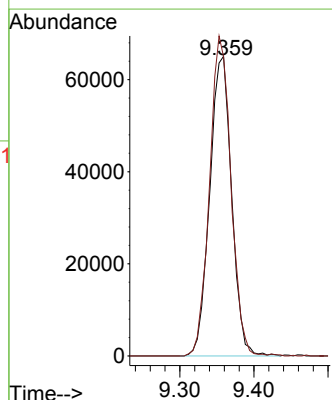
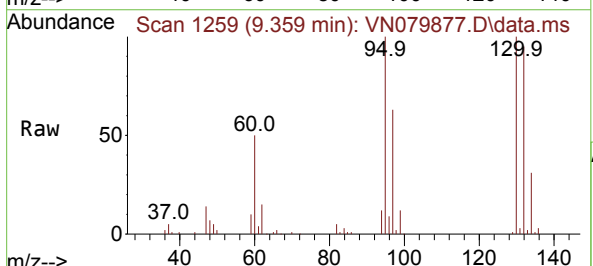
Acq: 04 Nov 2023 05:08

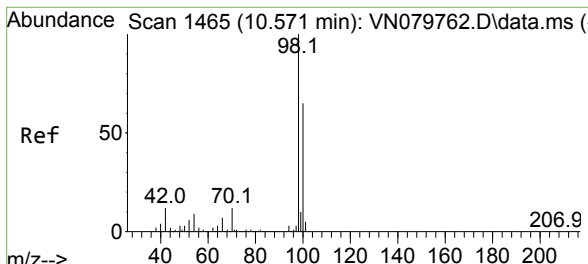
Tgt Ion:130 Resp: 133450

Ion Ratio Lower Upper

130 100

95 99.9 0.0 204.6

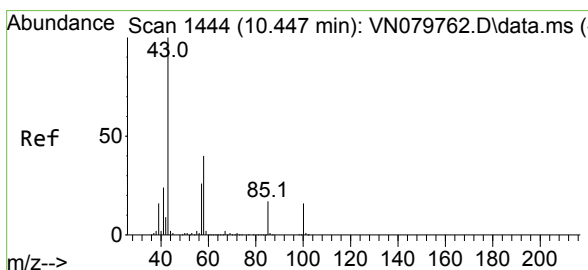
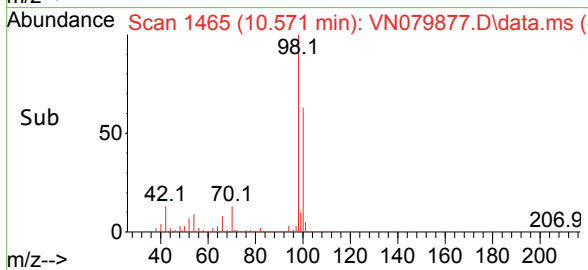
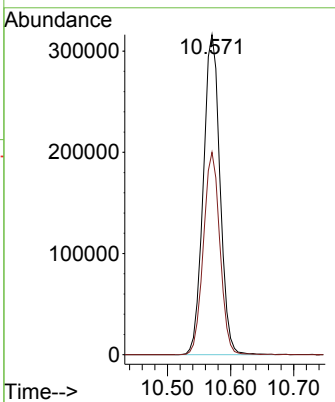
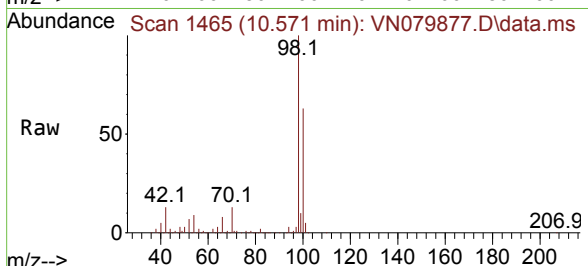




#50
Toluene-d8
Concen: 47.659 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079877.D
Acq: 04 Nov 2023 05:08

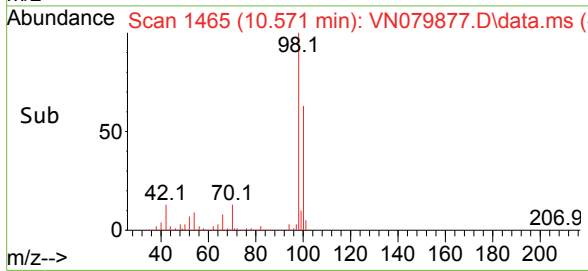
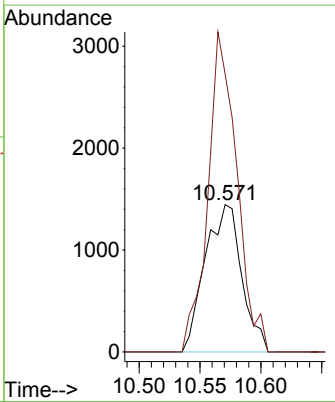
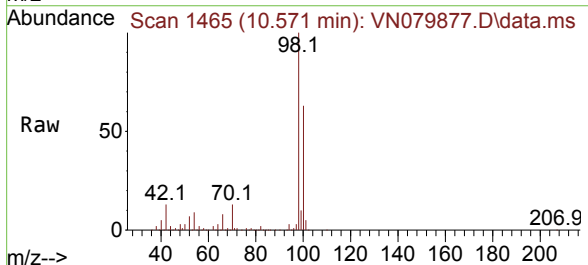
Instrument :
MSVOA_N
ClientSampleId :

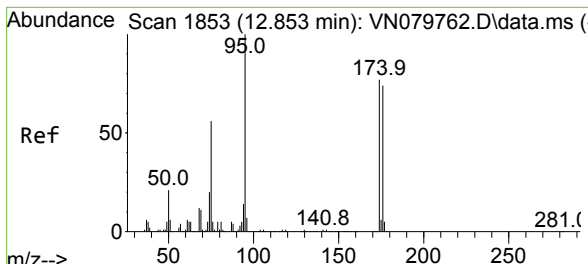
Tgt Ion: 98 Resp: 579640
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.707 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN079877.D
Acq: 04 Nov 2023 05:08

Tgt Ion: 43 Resp: 3021
Ion Ratio Lower Upper
43 100
58 172.4 36.6 54.8#

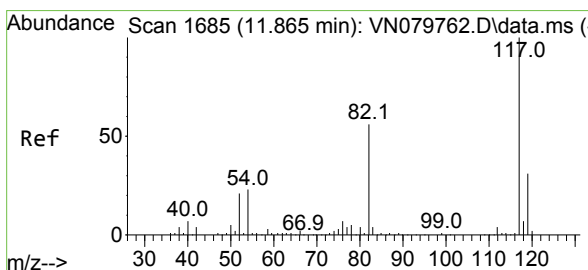
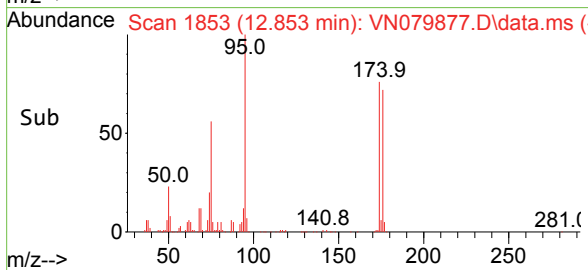
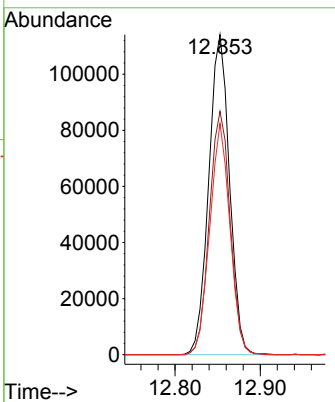
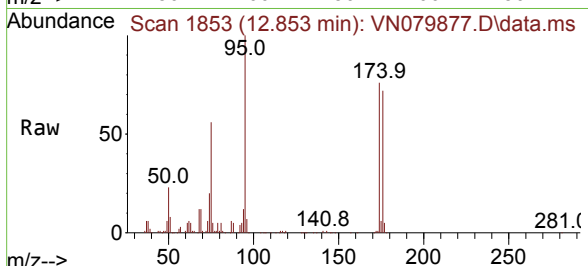




#62
 4-Bromofluorobenzene
 Concen: 47.867 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079877.D
 Acq: 04 Nov 2023 05:08

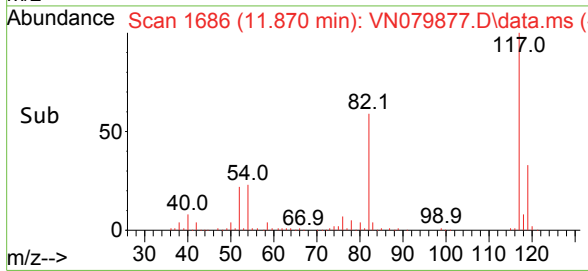
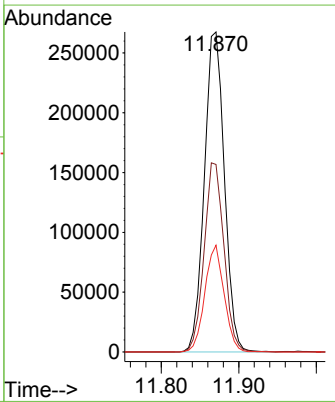
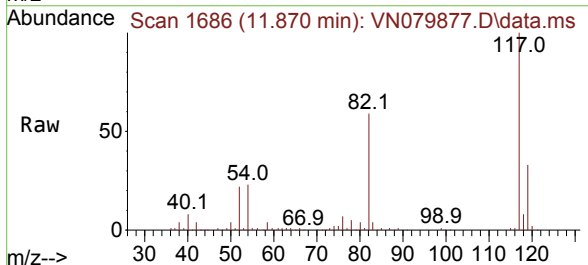
Instrument :
 MSVOA_N
 ClientSampleId :

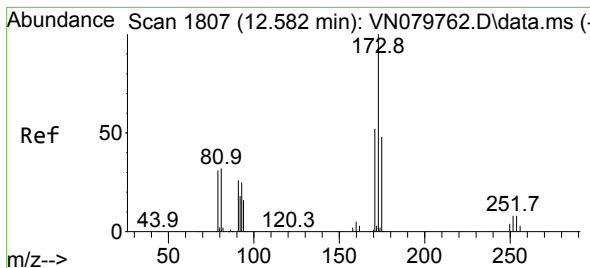
Tgt Ion:	95	Resp:	193078
Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	143.8
176	70.2	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079877.D
 Acq: 04 Nov 2023 05:08

Tgt Ion:	117	Resp:	480872
Ion	Ratio	Lower	Upper
117	100		
82	58.6	44.0	66.0
119	33.4	25.6	38.4





#71

Bromoform

Concen: 0.339 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN079877.D

Acq: 04 Nov 2023 05:08

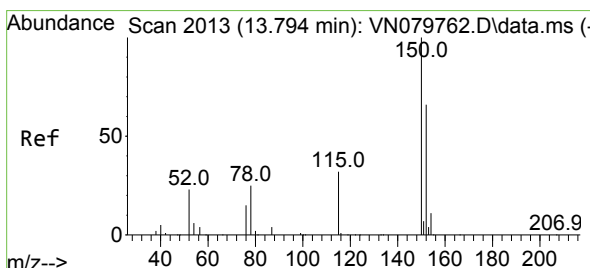
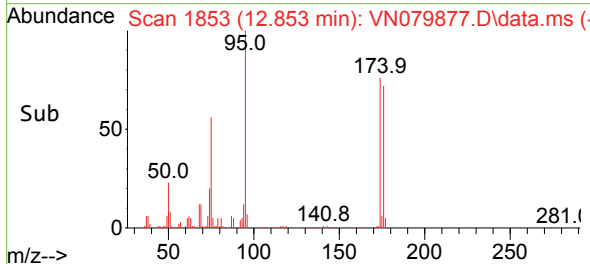
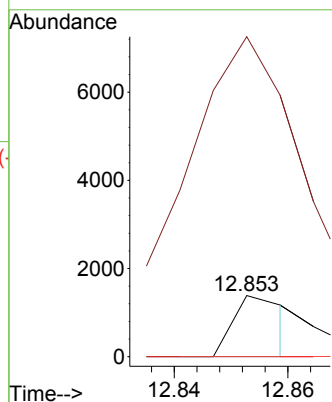
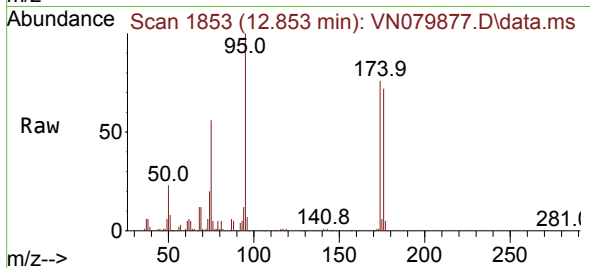
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 904

Ion	Ratio	Lower	Upper
173	100		
175	1016.5	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

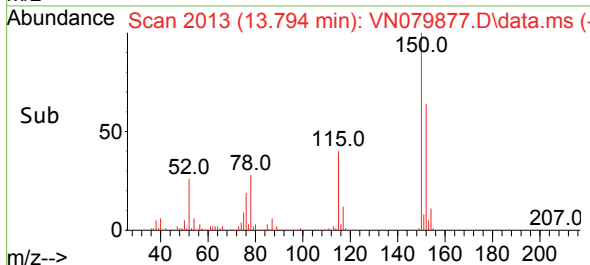
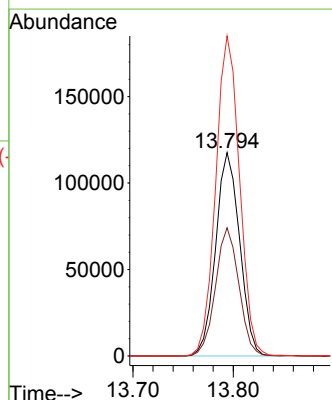
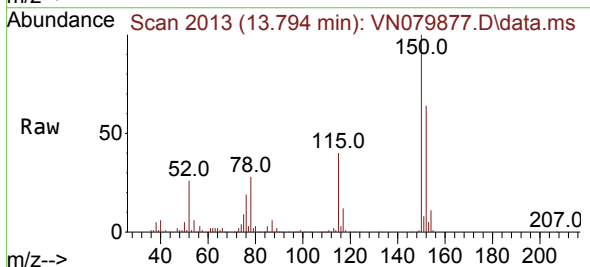
Delta R.T. 0.000 min

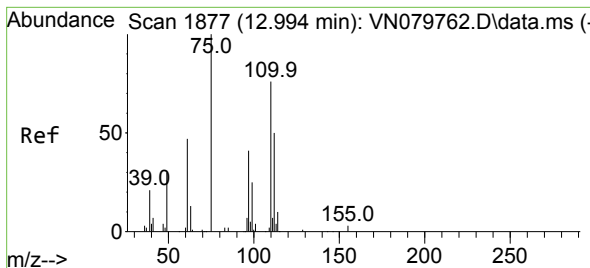
Lab File: VN079877.D

Acq: 04 Nov 2023 05:08

Tgt Ion:152 Resp: 195094

Ion	Ratio	Lower	Upper
152	100		
115	61.5	32.3	96.8
150	156.8	0.0	355.8





#76

1,2,3-Trichloropropane

Concen: 23.065 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079877.D

Acq: 04 Nov 2023 05:08

Instrument :

MSVOA_N

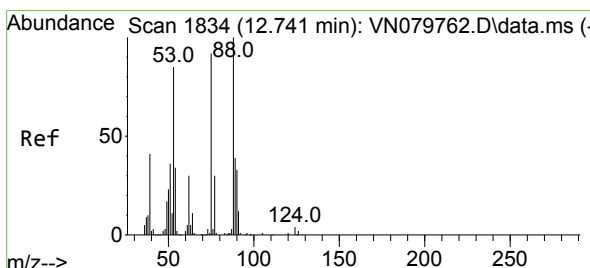
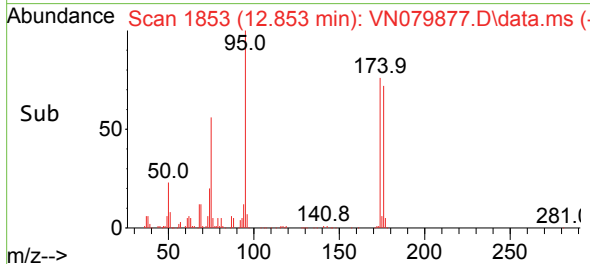
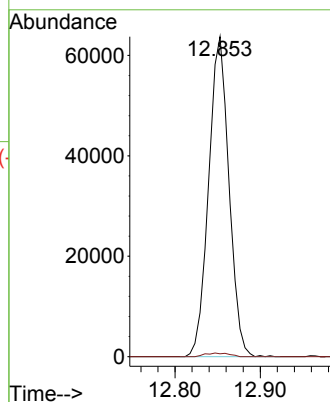
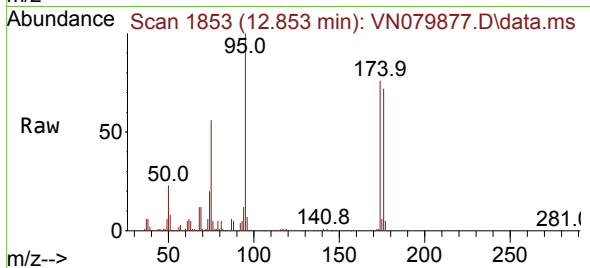
ClientSampleId :

Tgt Ion: 75 Resp: 105642

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.754 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN079877.D

Acq: 04 Nov 2023 05:08

Tgt Ion: 75 Resp: 105642

Ion Ratio Lower Upper

75 100

53 0.2 67.4 101.2#

89 0.0 38.8 58.2#

