

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080104.D
 Acq On : 15 Nov 2023 12:28
 Operator : JC\MD
 Sample : VN1115WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 21:49:53 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	8.224	168	194852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	358326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	364493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156771	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162401	54.706	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.420%	
35) Dibromofluoromethane	8.165	113	131819	51.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.960%	
50) Toluene-d8	10.565	98	448165	48.003	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.000%	
62) 4-Bromofluorobenzene	12.853	95	171822	55.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.980%	

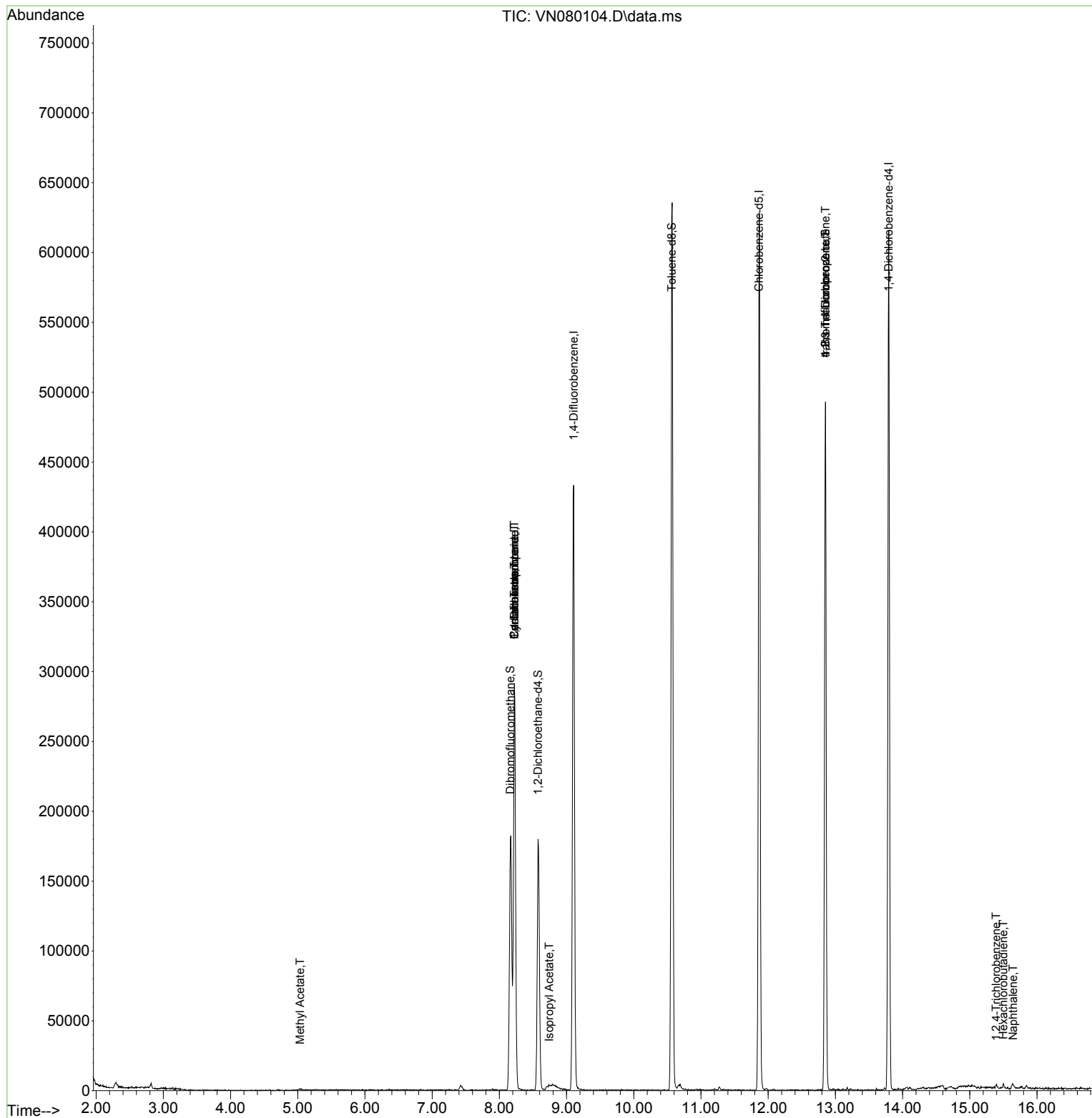
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	424	Below Cal	#	42
18) Methyl Acetate	5.036	43	1727	0.346	ug/l #	53
31) Cyclohexane	8.224	56	4780	1.219	ug/l #	21
36) 1,1-Dichloropropene	8.224	75	15976	4.412	ug/l #	50
38) Carbon Tetrachloride	8.224	117	22535	6.175	ug/l #	16
43) Isopropyl Acetate	8.741	43	2964	0.509	ug/l #	49
76) 1,2,3-Trichloropropane	12.853	75	98776	26.837	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	98776	73.019	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.394	180	930	0.382	ug/l	91
94) Hexachlorobutadiene	15.500	225	719	0.652	ug/l #	65
95) Naphthalene	15.647	128	3798	0.460	ug/l #	87

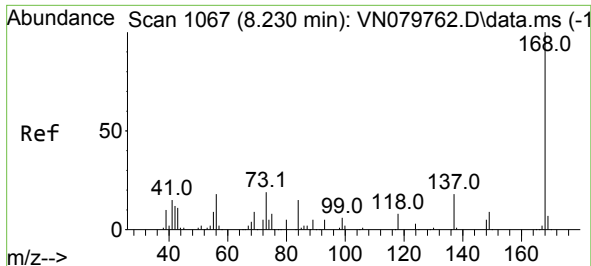
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
Data File : VN080104.D
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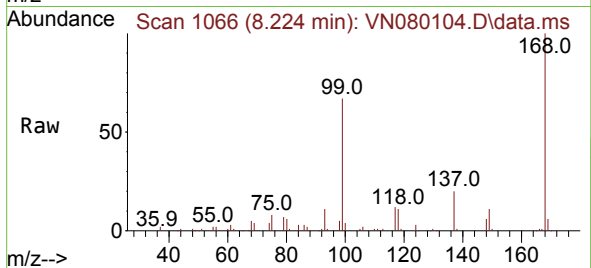
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration



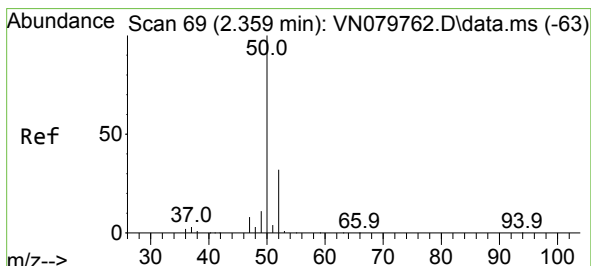
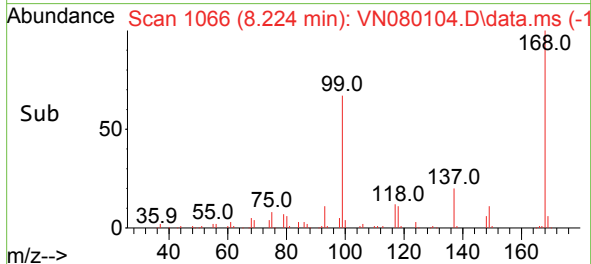
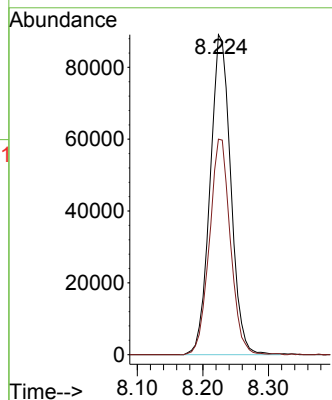


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :

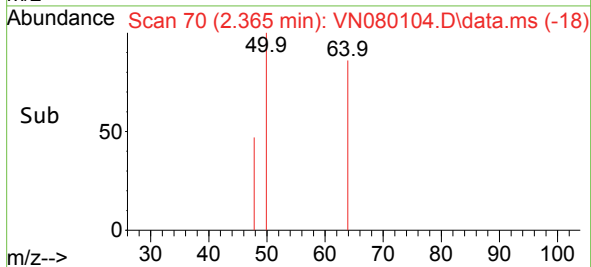
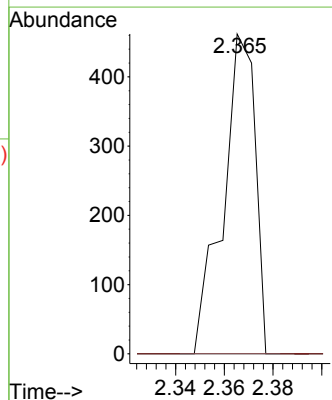
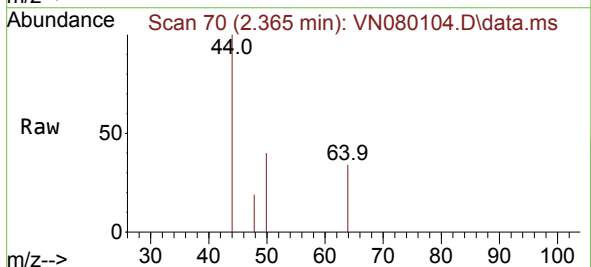


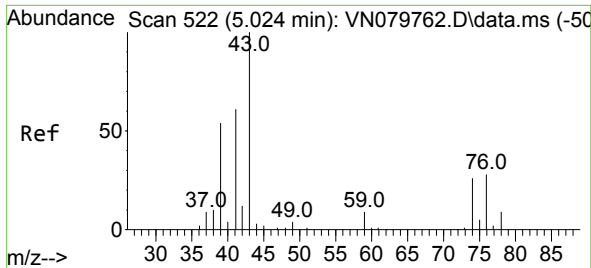
Tgt Ion:168 Resp: 194852
Ion Ratio Lower Upper
168 100
99 67.3 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

Tgt Ion: 50 Resp: 424
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

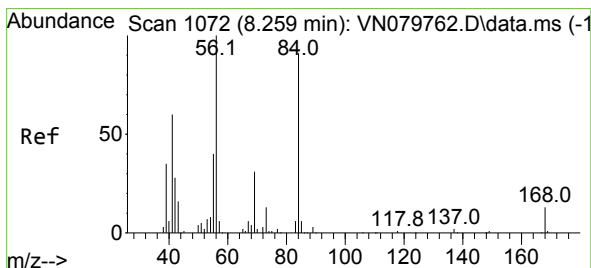
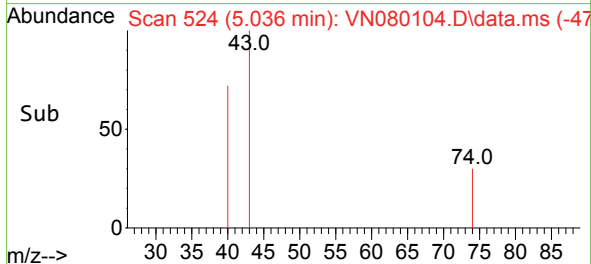
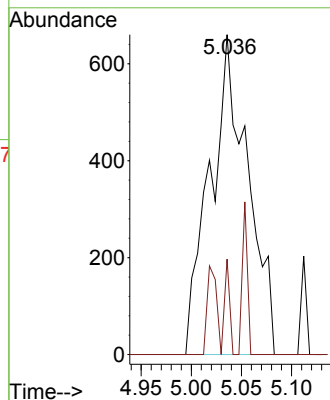
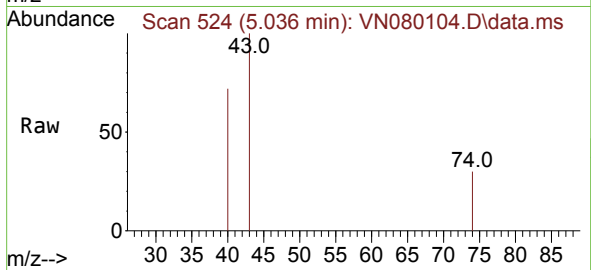




#18
Methyl Acetate
Concen: 0.346 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

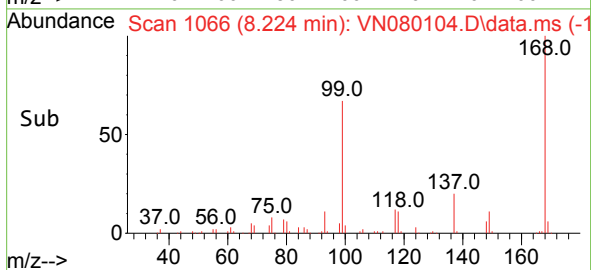
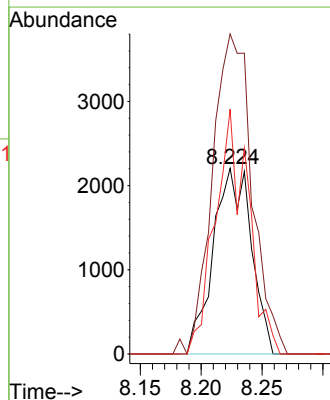
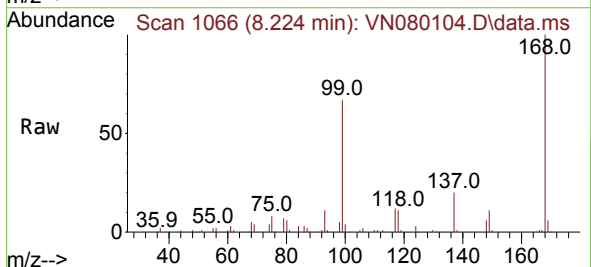
Instrument :
MSVOA_N
ClientSampleId :

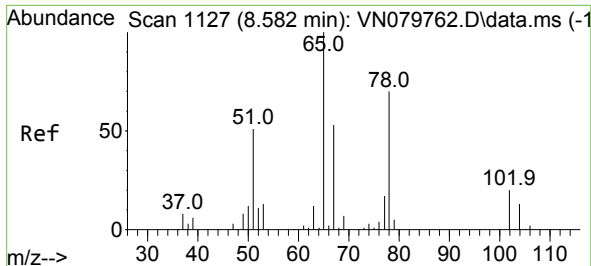
Tgt Ion: 43 Resp: 1727
Ion Ratio Lower Upper
43 100
74 6.4 26.2 39.4#



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

Tgt Ion: 56 Resp: 4780
Ion Ratio Lower Upper
56 100
69 164.4 26.8 40.2#
84 131.9 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 54.706 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080104.D

Acq: 15 Nov 2023 12:28

Instrument :

MSVOA_N

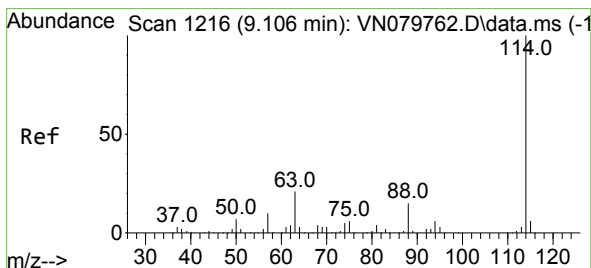
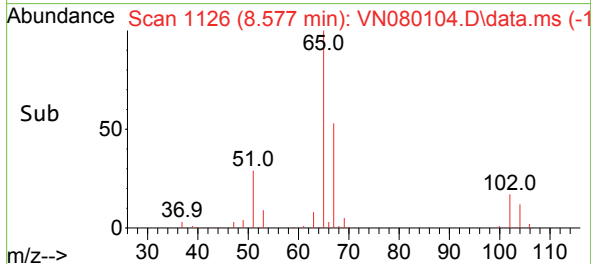
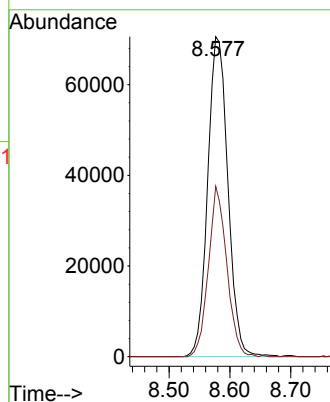
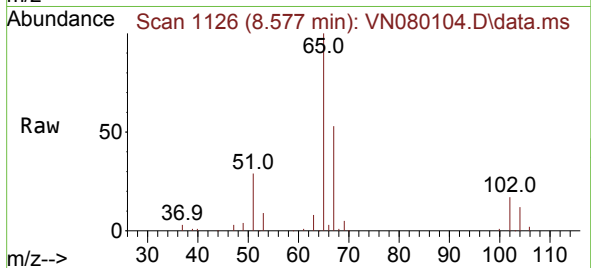
ClientSampleId :

Tgt Ion: 65 Resp: 162401

Ion Ratio Lower Upper

65 100

67 48.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080104.D

Acq: 15 Nov 2023 12:28

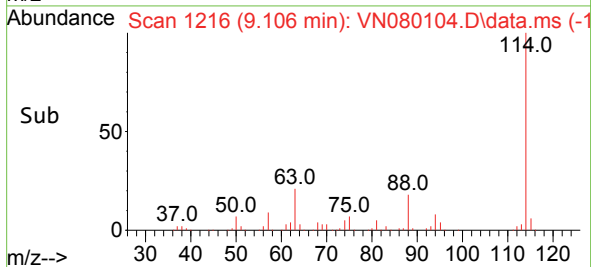
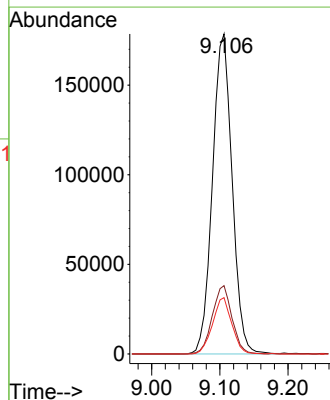
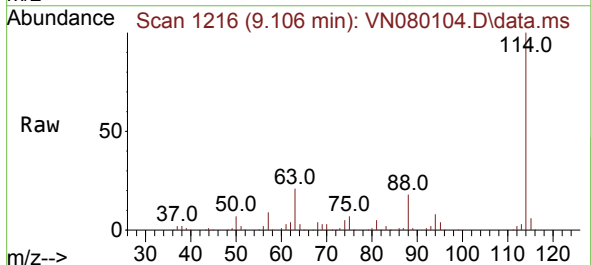
Tgt Ion: 114 Resp: 358326

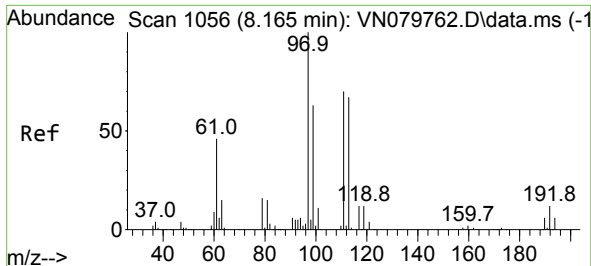
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 17.6 0.0 30.6

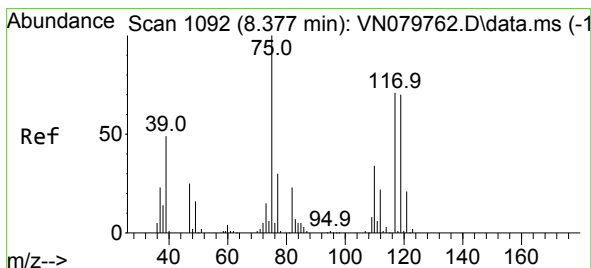
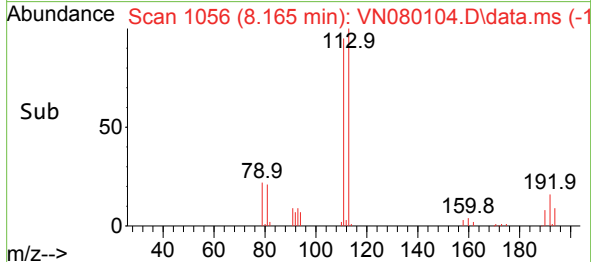
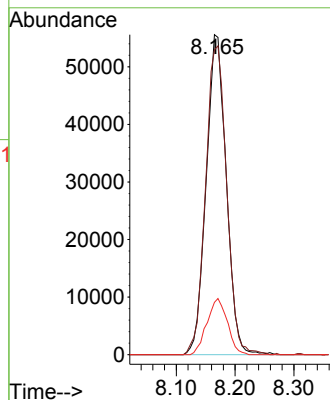
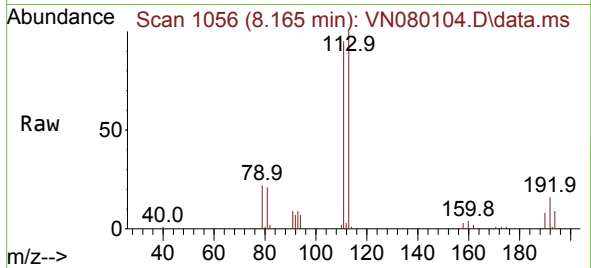




#35
Dibromofluoromethane
Concen: 51.977 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

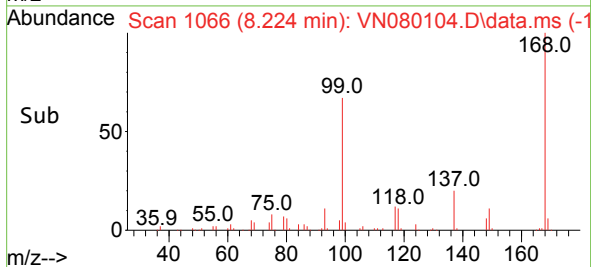
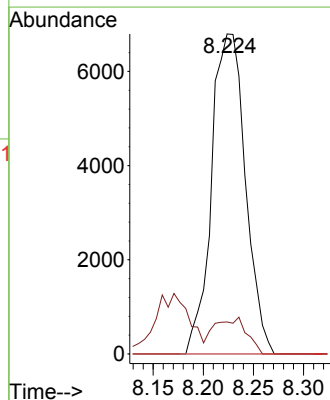
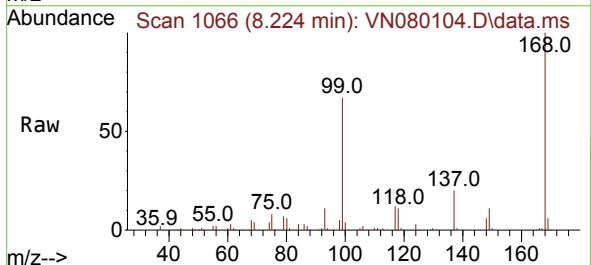
Instrument :
MSVOA_N
ClientSampleId :

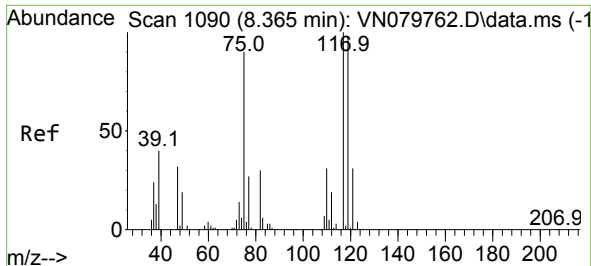
Tgt Ion:113 Resp: 131819
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 17.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.412 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

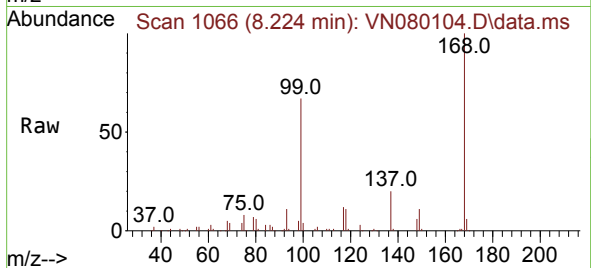
Tgt Ion: 75 Resp: 15976
Ion Ratio Lower Upper
75 100
110 10.9 19.1 57.3#
77 0.0 25.0 37.4#



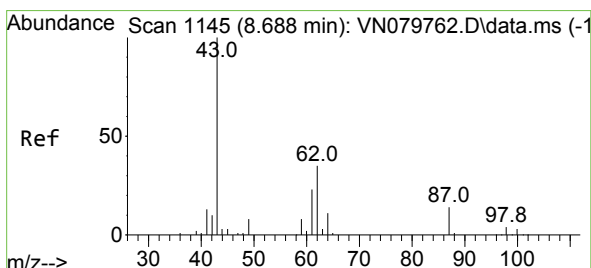
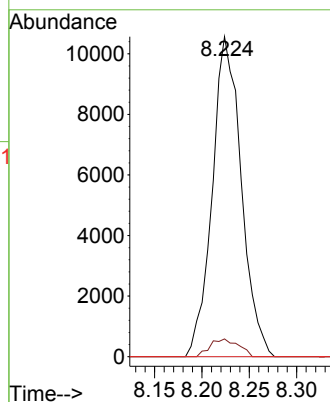
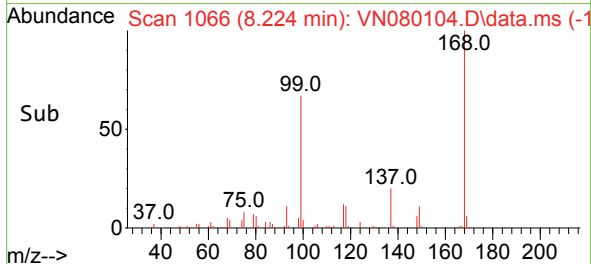


#38
Carbon Tetrachloride
Concen: 6.175 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :

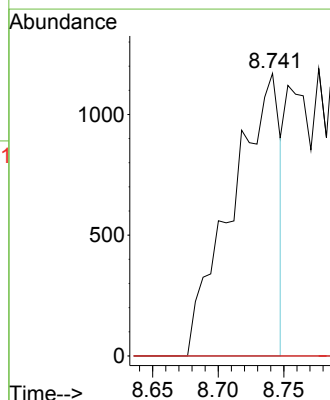
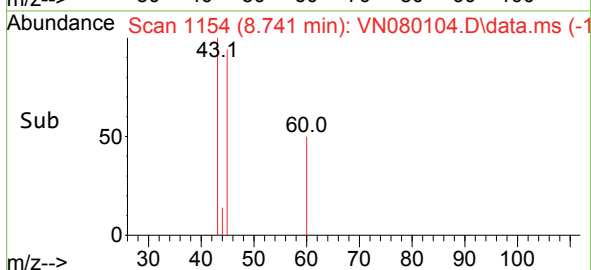
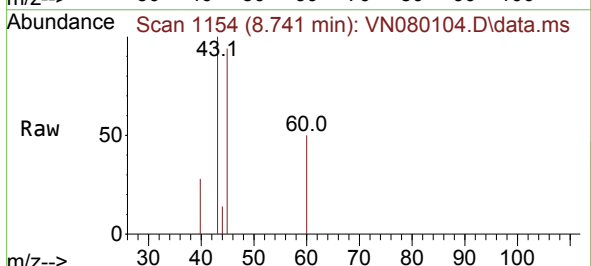


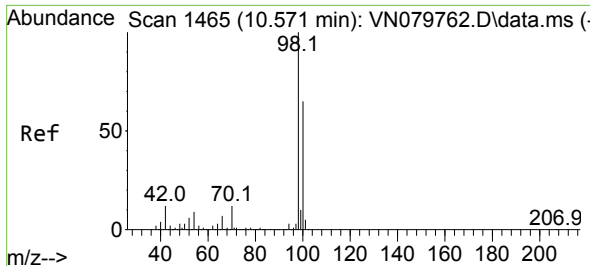
Tgt Ion:117 Resp: 22535
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.509 ug/l
RT: 8.741 min Scan# 1154
Delta R.T. 0.053 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

Tgt Ion: 43 Resp: 2964
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

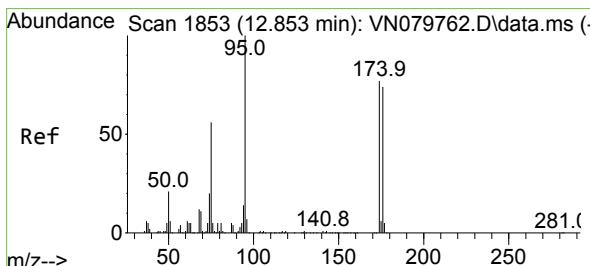
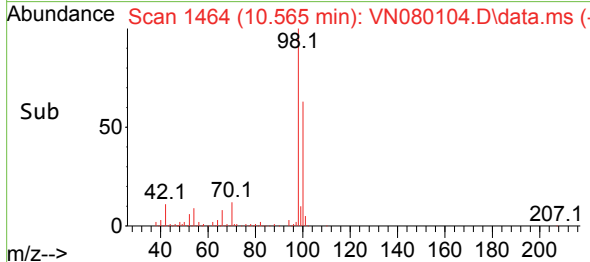
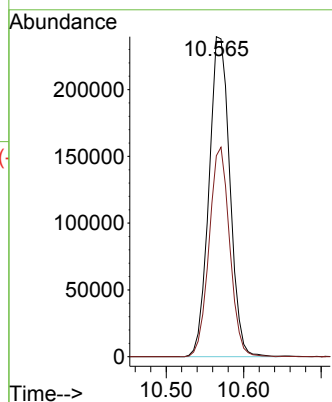
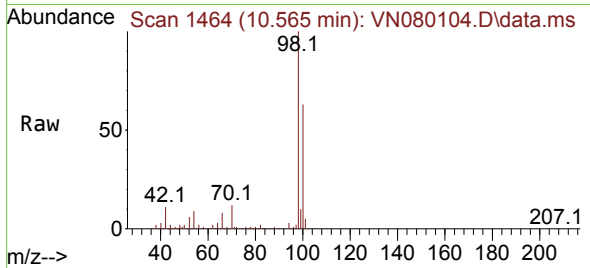




#50
Toluene-d8
Concen: 48.003 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

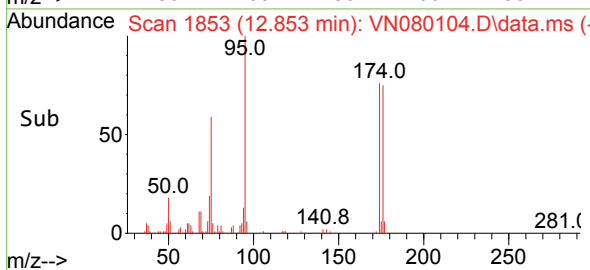
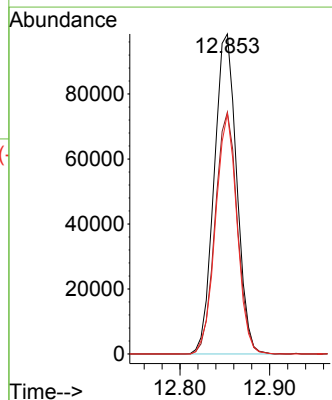
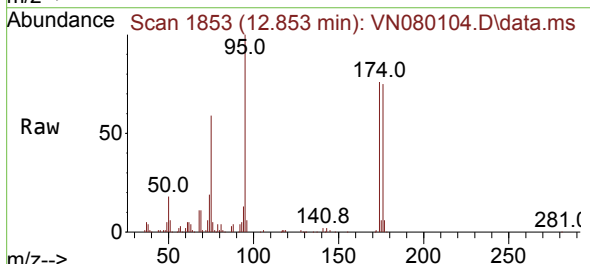
Instrument :
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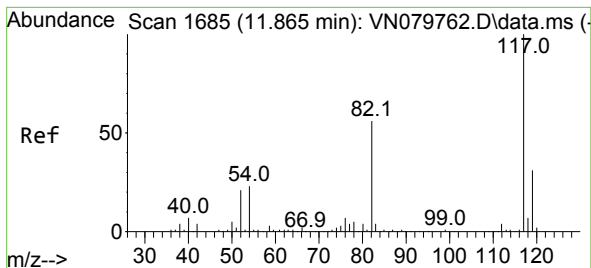
Tgt Ion: 98 Resp: 448165
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.491 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

Tgt Ion: 95 Resp: 171822
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 71.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080104.D

Acq: 15 Nov 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

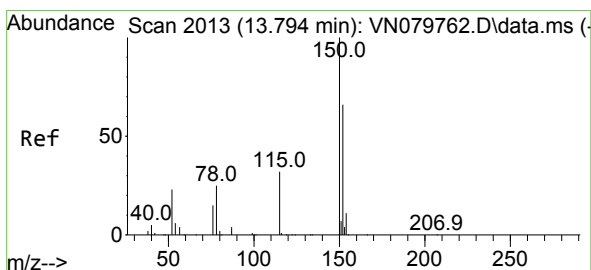
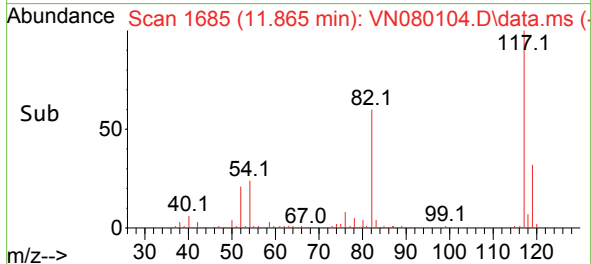
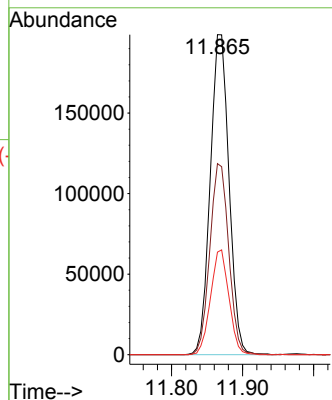
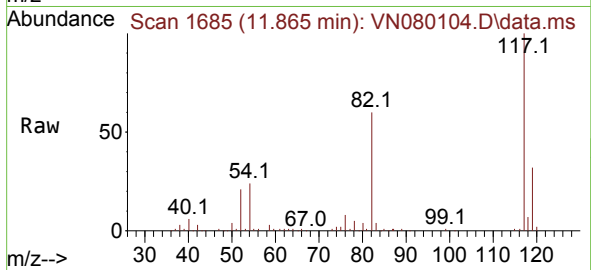
Tgt Ion:117 Resp: 364493

Ion Ratio Lower Upper

117 100

82 59.7 44.0 66.0

119 32.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080104.D

Acq: 15 Nov 2023 12:28

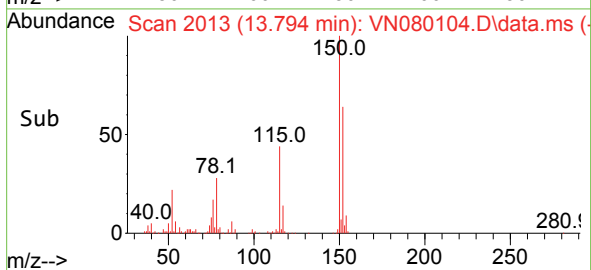
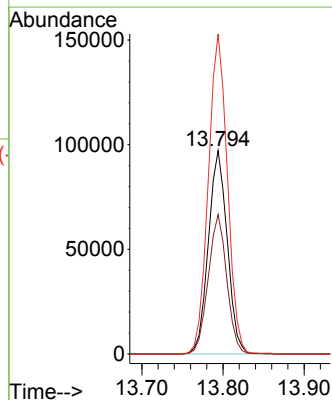
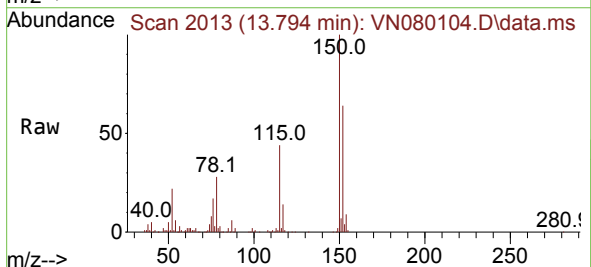
Tgt Ion:152 Resp: 156771

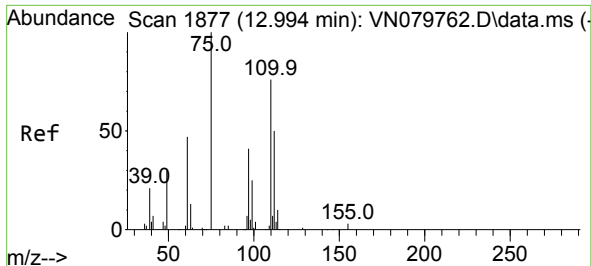
Ion Ratio Lower Upper

152 100

115 67.5 32.3 96.8

150 159.0 0.0 355.8

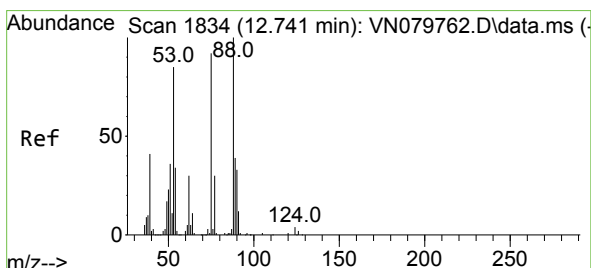
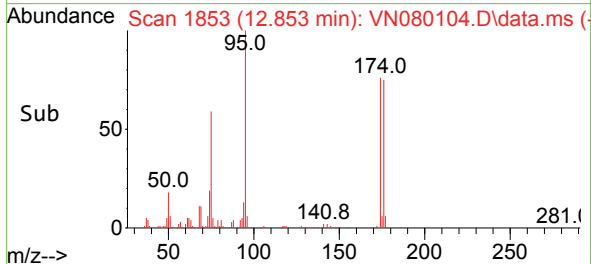
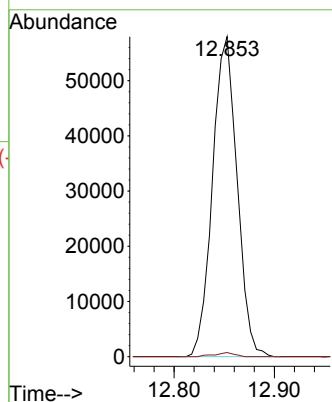
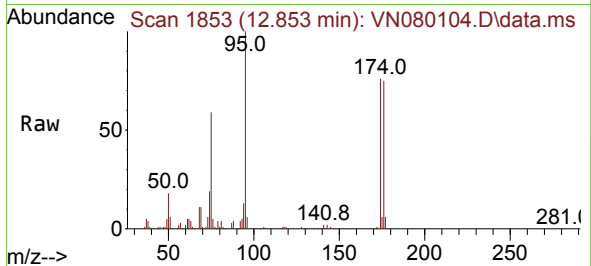




#76
1,2,3-Trichloropropane
Concen: 26.837 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

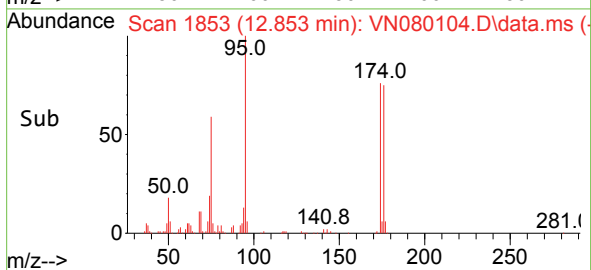
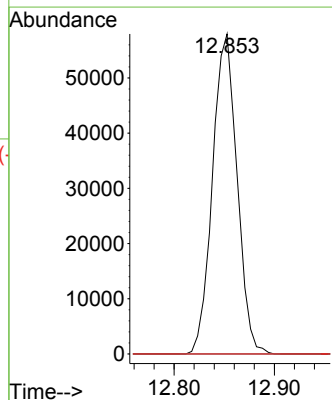
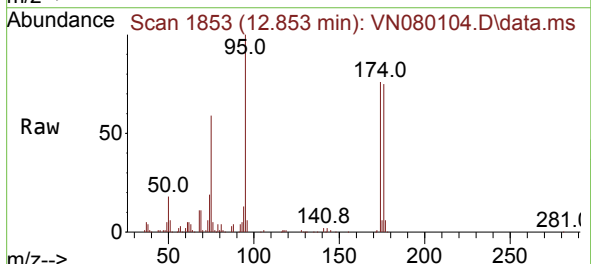
Instrument :
MSVOA_N
ClientSampleId :

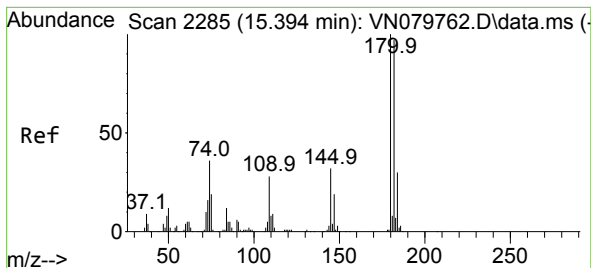
Tgt Ion: 75 Resp: 98776
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.019 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

Tgt Ion: 75 Resp: 98776
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#





#93

1,2,4-Trichlorobenzene

Concen: 0.382 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080104.D

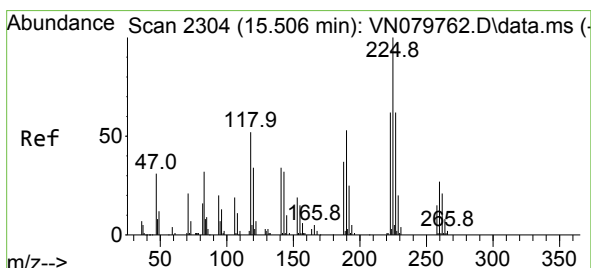
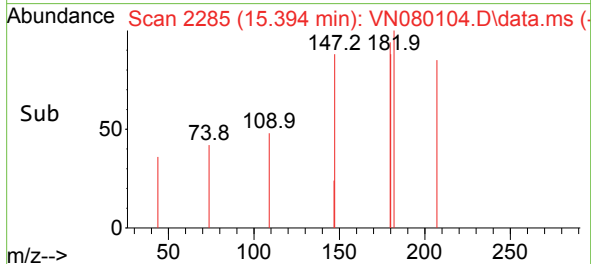
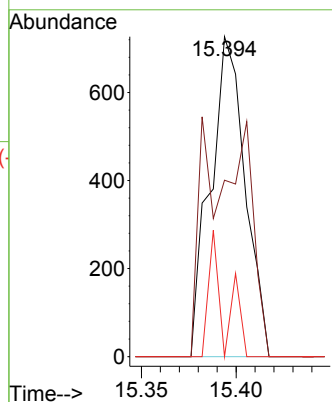
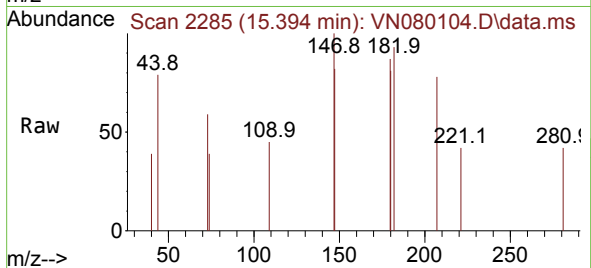
Acq: 15 Nov 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	180	Resp:	930
Ion Ratio	Lower	Upper	
180	100		
182	90.0	46.1	138.2
145	18.1	16.6	49.8



#94

Hexachlorobutadiene

Concen: 0.652 ug/l

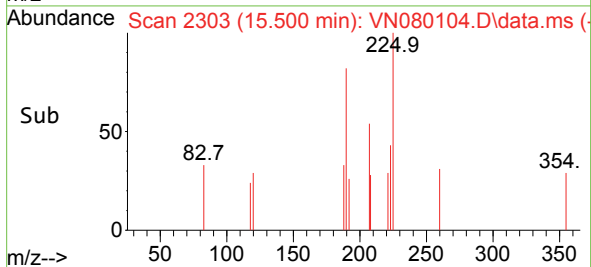
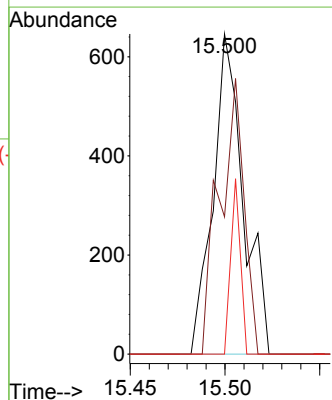
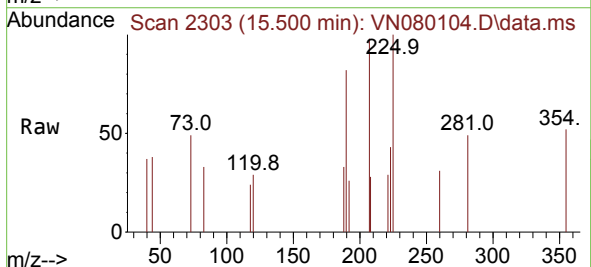
RT: 15.500 min Scan# 2303

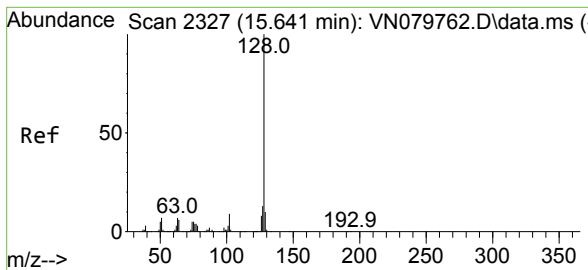
Delta R.T. -0.006 min

Lab File: VN080104.D

Acq: 15 Nov 2023 12:28

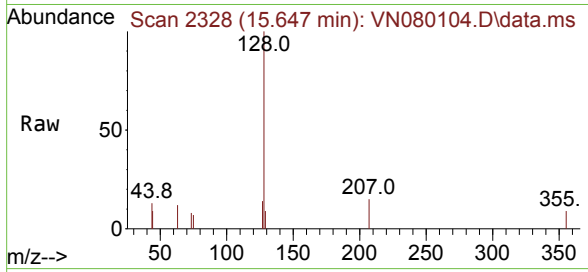
Tgt Ion:	225	Resp:	719
Ion Ratio	Lower	Upper	
225	100		
223	69.8	31.3	93.8
227	17.4	31.9	95.9#





#95
Naphthalene
Concen: 0.460 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080104.D
Acq: 15 Nov 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 3798

Ion	Ratio	Lower	Upper
128	100		
127	18.0	10.0	15.0#
129	6.7	8.7	13.1#

