

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080103.D
 Acq On : 15 Nov 2023 12:05
 Operator : JC\MD
 Sample : VN1115WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 21:49:21 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	164673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139248	55.503	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.000%	
35) Dibromofluoromethane	8.165	113	109626	51.437	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.880%	
50) Toluene-d8	10.571	98	372790	47.514	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.020%	
62) 4-Bromofluorobenzene	12.853	95	142510	54.767	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	401	Below Cal	#	42
6) Chloroethane	3.118	64	572	0.279	ug/l #	43
10) Methyl Iodide	4.589	142	777	0.363	ug/l #	87
13) Acrolein	4.177	56	75	2.825	ug/l #	16
15) Acrylonitrile	5.730	53	553	0.554	ug/l #	56
16) Acetone	4.436	43	569	0.646	ug/l #	40
17) Carbon Disulfide	4.718	76	2097	0.410	ug/l #	75
18) Methyl Acetate	5.036	43	2380	0.564	ug/l	89
25) 2-Butanone	7.506	43	303	0.235	ug/l #	37
31) Cyclohexane	8.224	56	3975	1.199	ug/l #	28
36) 1,1-Dichloropropene	8.224	75	14334	4.710	ug/l #	47
38) Carbon Tetrachloride	8.224	117	19144	6.242	ug/l #	15
43) Isopropyl Acetate	8.706	43	2167	0.443	ug/l #	49
49) 1,4-Dioxane	9.700	88	53	1.399	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	828	0.300	ug/l #	75
59) 2-Hexanone	11.194	43	1434	0.680	ug/l	80
68) m/p-Xylenes	12.071	106	1009	0.231	ug/l	94
76) 1,2,3-Trichloropropane	12.847	75	81577	26.084	ug/l #	1
77) Bromobenzene	12.982	156	684	0.276	ug/l	79
79) 2-Chlorotoluene	13.229	91	1938	0.262	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	81577	70.967	ug/l #	15
82) 4-Chlorotoluene	13.229	91	1938	0.264	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	1579	0.204	ug/l	67
85) sec-Butylbenzene	13.612	105	2159	0.242	ug/l	80
86) p-Isopropyltoluene	13.729	119	1687	0.232	ug/l #	79
87) 1,3-Dichlorobenzene	13.735	146	1843	0.400	ug/l	87
88) 1,4-Dichlorobenzene	13.735	146	1843	0.394	ug/l	89
89) n-Butylbenzene	14.065	91	3534	0.564	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	1705	0.392	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.723	75	366	0.602	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	2941	1.423	ug/l	93
94) Hexachlorobutadiene	15.506	225	1598	1.706	ug/l	85
95) Naphthalene	15.641	128	12814	1.828	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	3678	1.815	ug/l #	81

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Quant Time: Nov 15 21:49:21 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

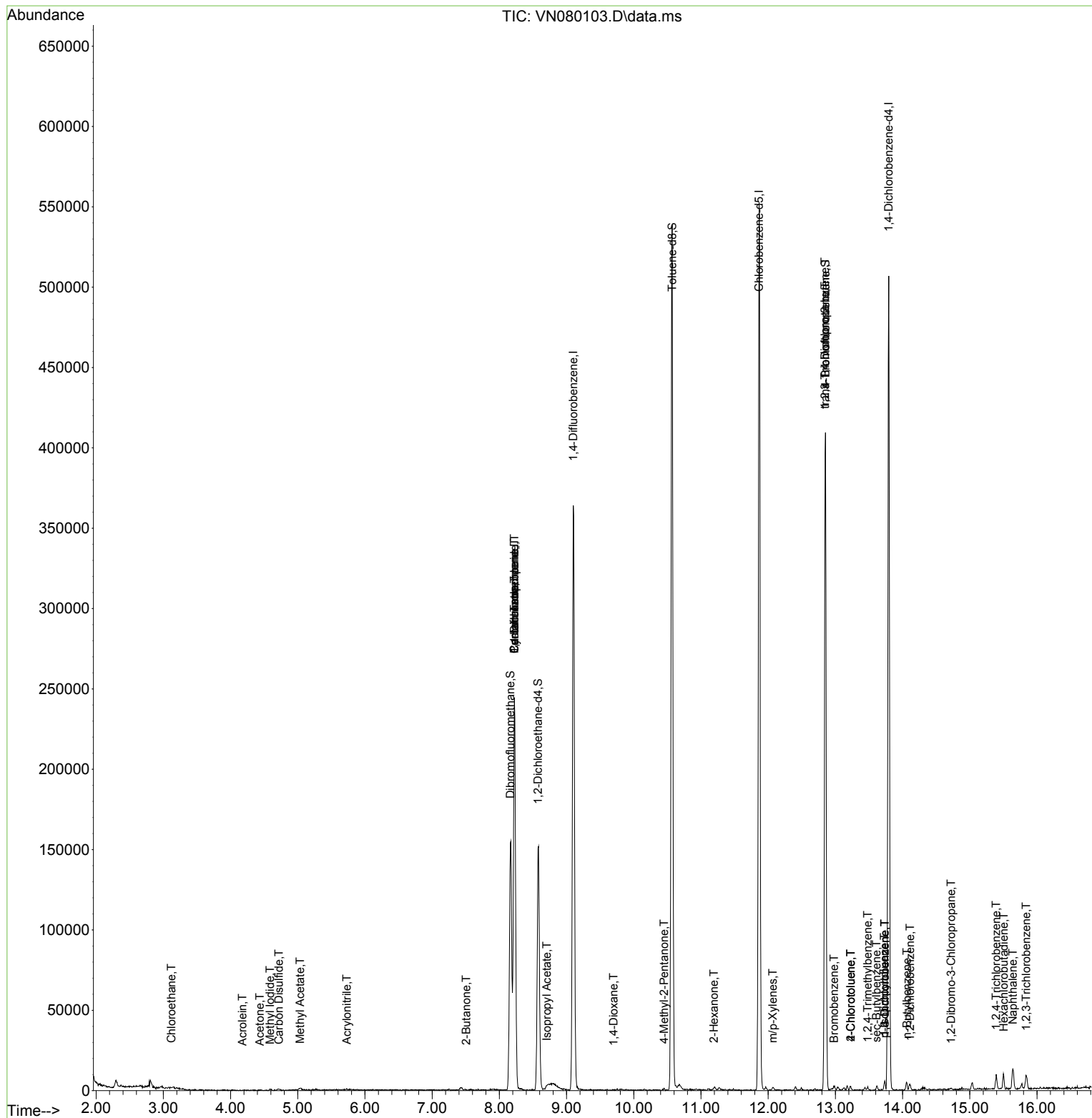
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

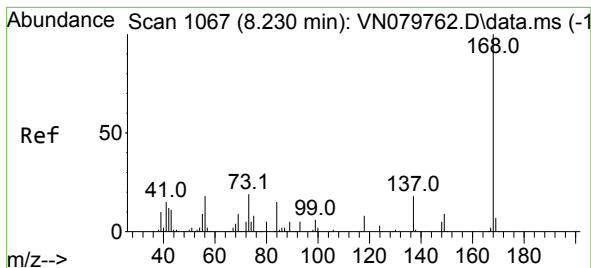
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN080103.D

Acq: 15 Nov 2023 12:05

Instrument :

MSVOA_N

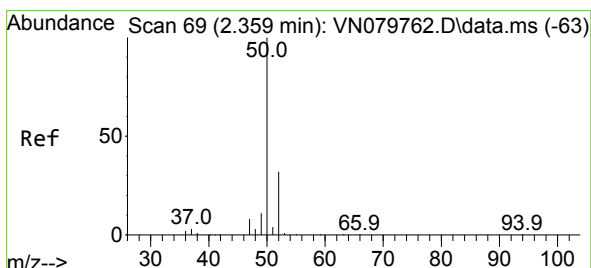
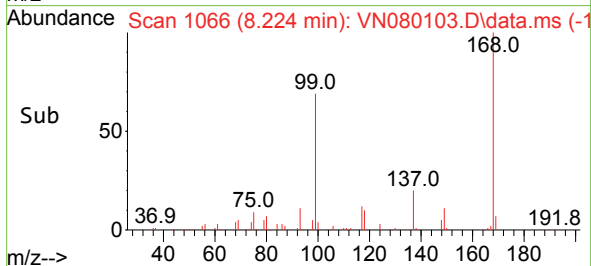
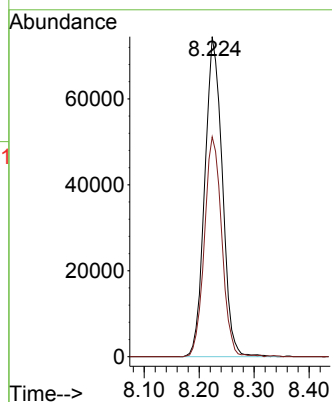
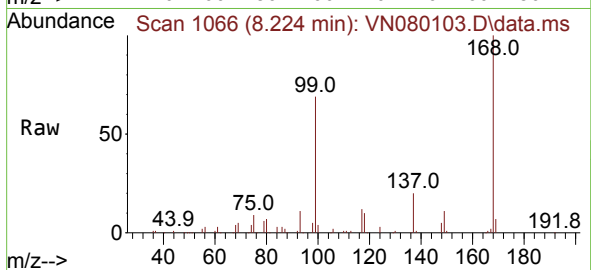
ClientSampleId :

Tgt Ion:168 Resp: 164673

Ion Ratio Lower Upper

168 100

99 68.7 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080103.D

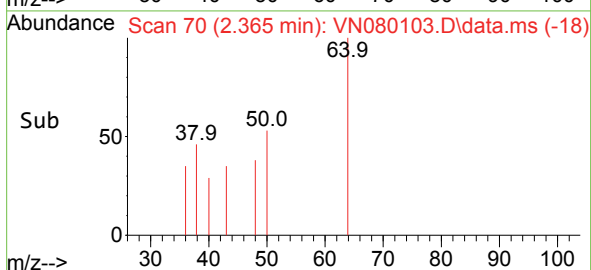
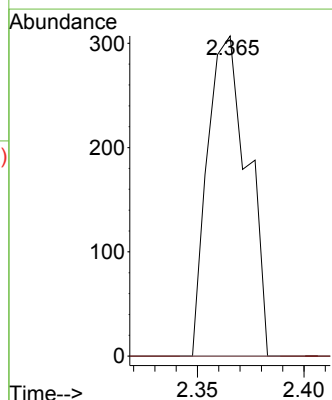
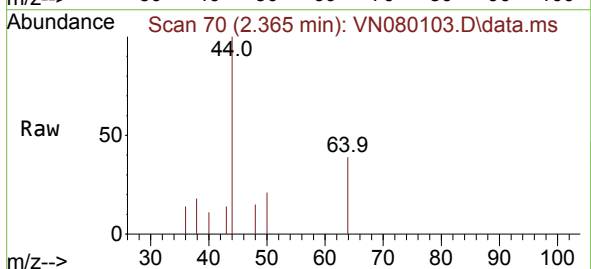
Acq: 15 Nov 2023 12:05

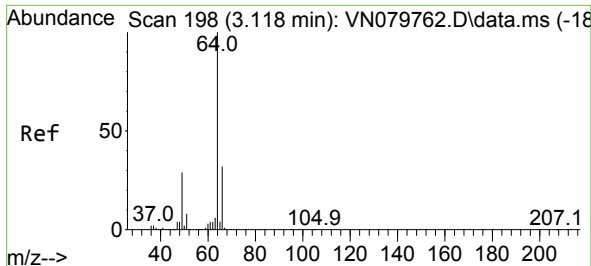
Tgt Ion: 50 Resp: 401

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#

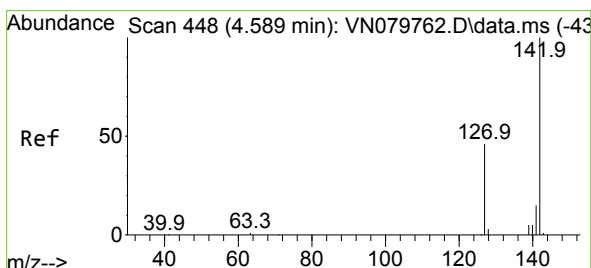
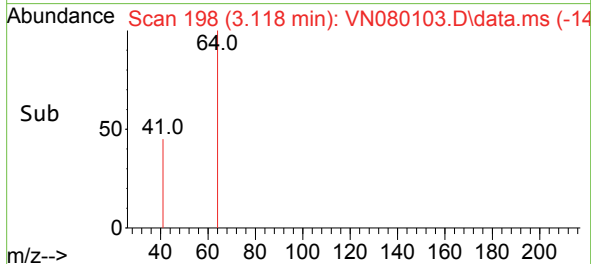
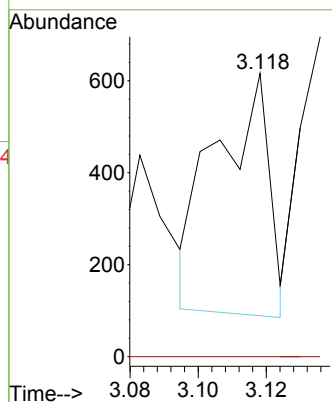
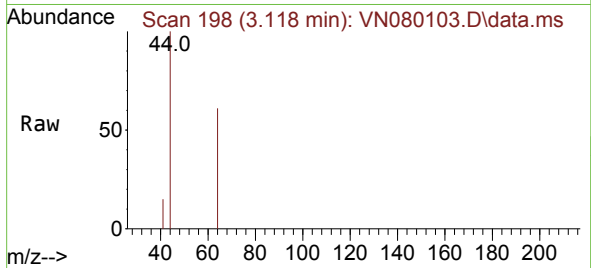




#6
Chloroethane
Concen: 0.279 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

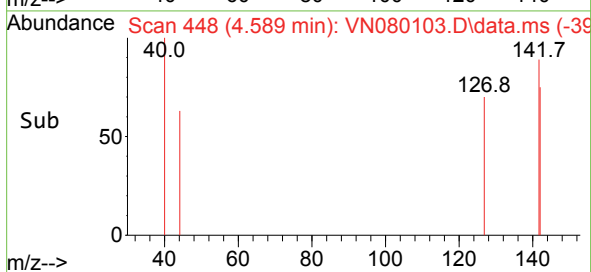
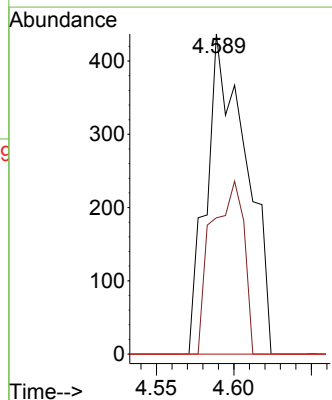
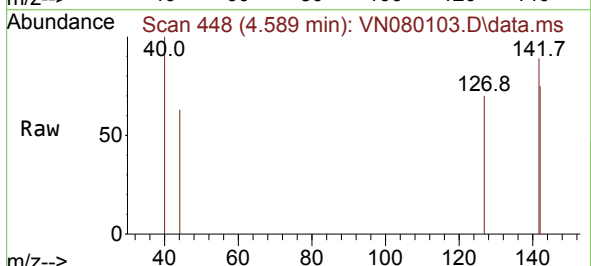
Instrument :
MSVOA_N
ClientSampleId :

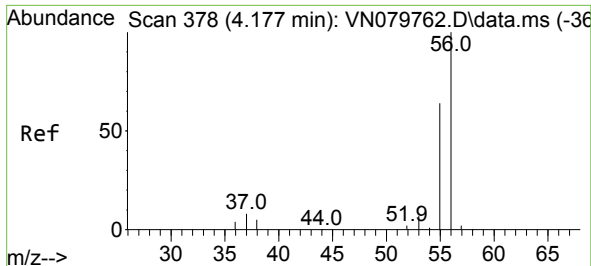
Tgt Ion: 64 Resp: 572
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 0.363 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

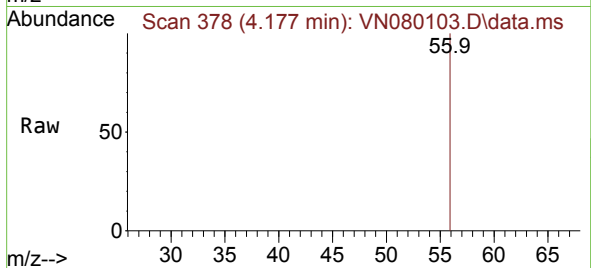
Tgt Ion: 142 Resp: 777
Ion Ratio Lower Upper
142 100
127 42.6 37.6 56.4
141 0.0 11.4 17.0#



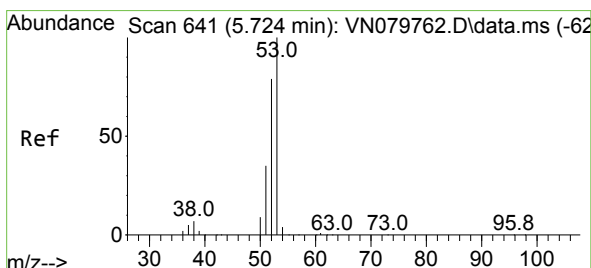
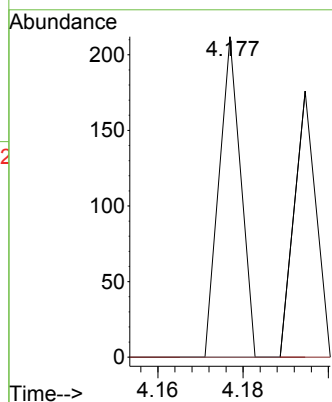
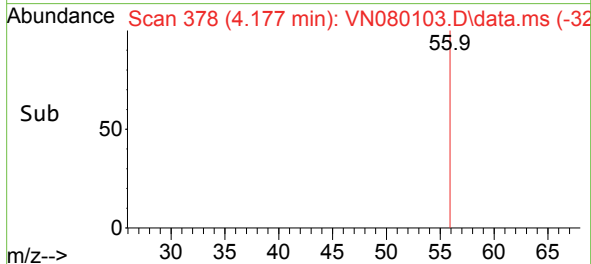


#13
Acrolein
Concen: 2.825 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

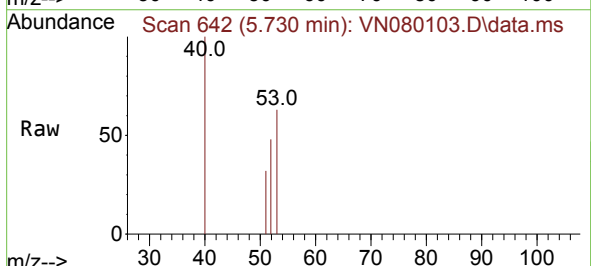
Instrument :
MSVOA_N
ClientSampleId :



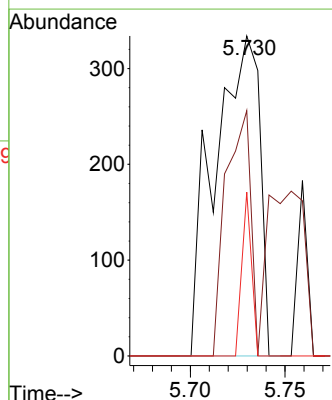
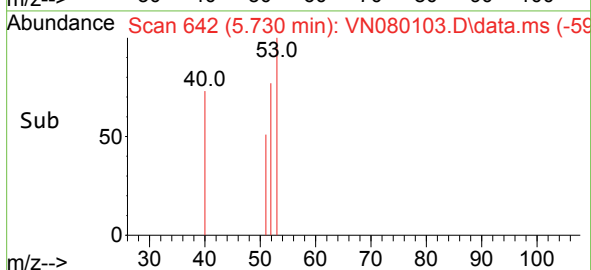
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

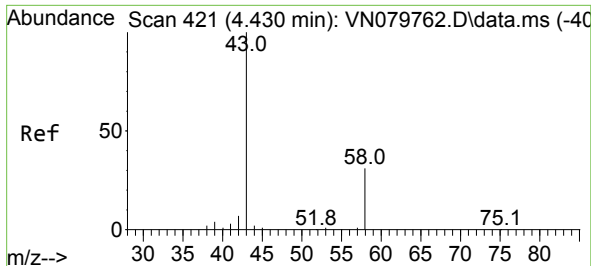


#15
Acrylonitrile
Concen: 0.554 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05



Tgt Ion: 53 Resp: 553
Ion Ratio Lower Upper
53 100
52 42.1 65.3 97.9#
51 10.8 28.9 43.3#





#16

Acetone

Concen: 0.646 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN080103.D

Acq: 15 Nov 2023 12:05

Instrument :

MSVOA_N

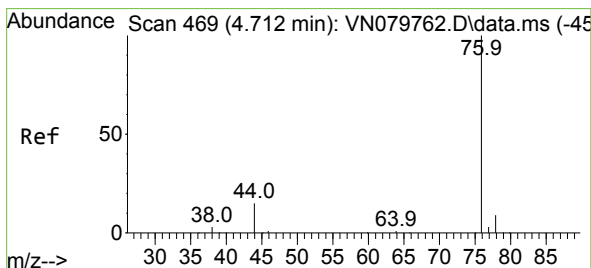
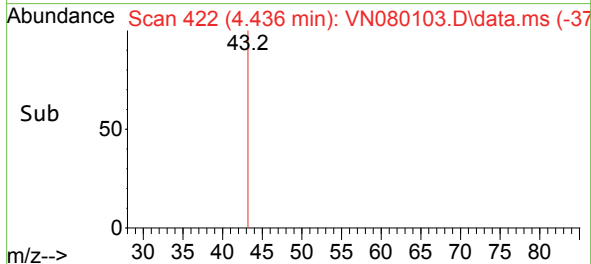
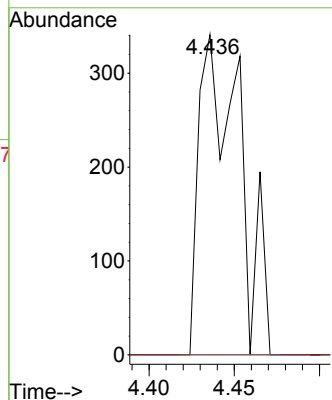
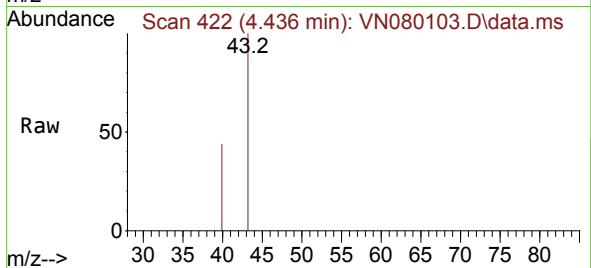
ClientSampleId :

Tgt Ion: 43 Resp: 569

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#17

Carbon Disulfide

Concen: 0.410 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN080103.D

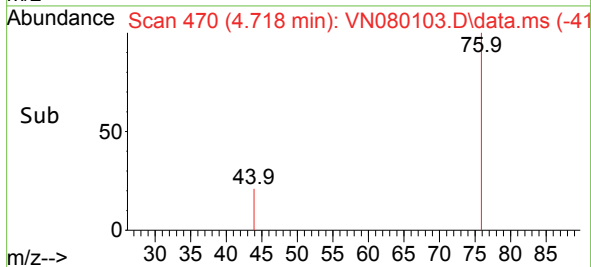
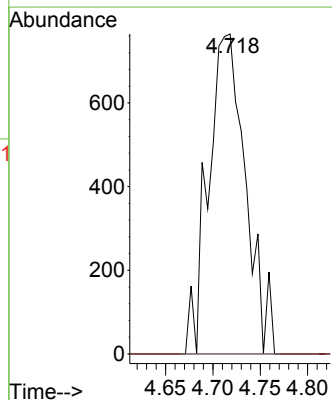
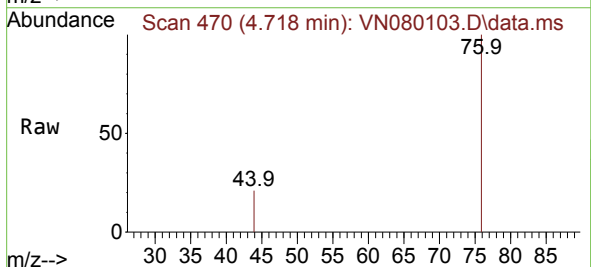
Acq: 15 Nov 2023 12:05

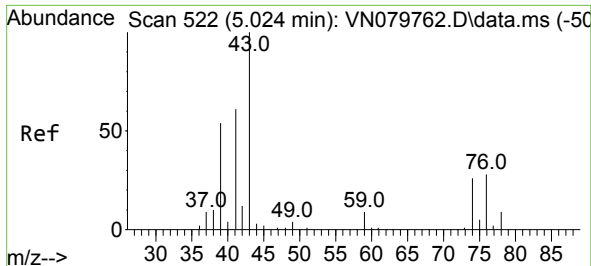
Tgt Ion: 76 Resp: 2097

Ion Ratio Lower Upper

76 100

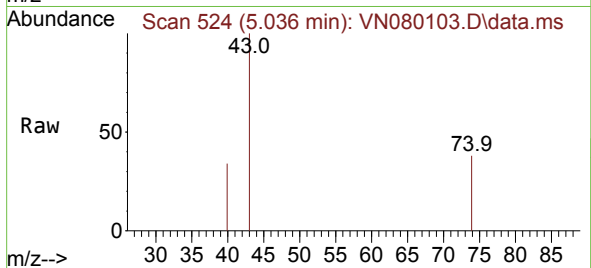
78 0.0 7.4 11.0#



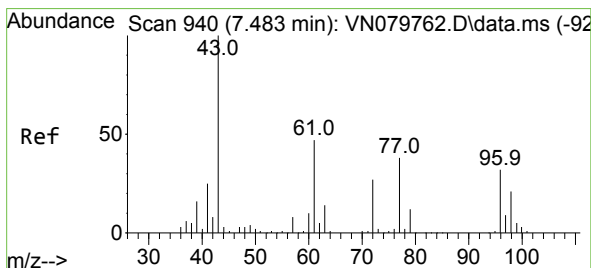
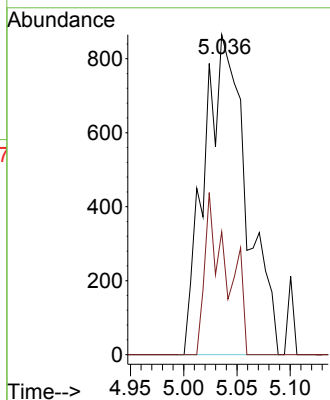
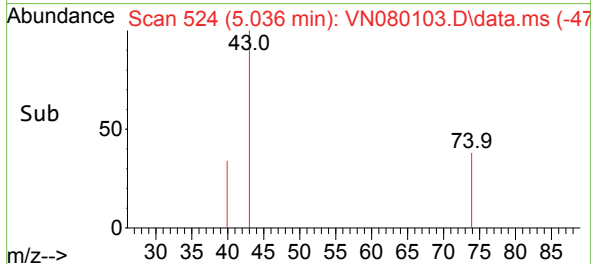


#18
Methyl Acetate
Concen: 0.564 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :

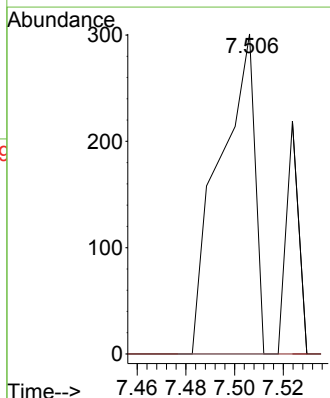
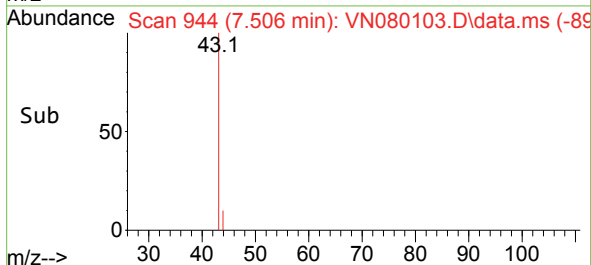
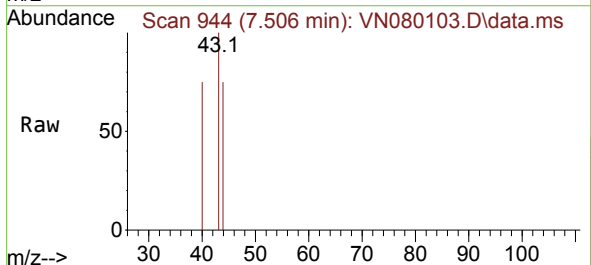


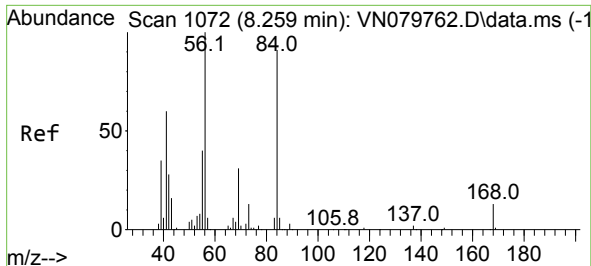
Tgt Ion: 43 Resp: 2380
Ion Ratio Lower Upper
43 100
74 26.8 26.2 39.4



#25
2-Butanone
Concen: 0.235 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

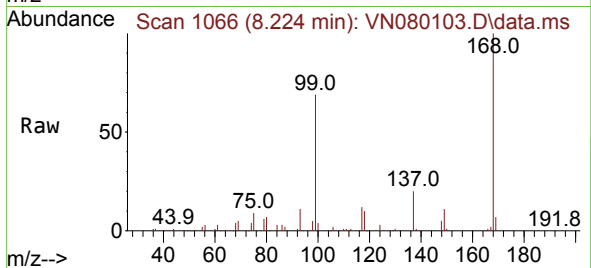
Tgt Ion: 43 Resp: 303
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



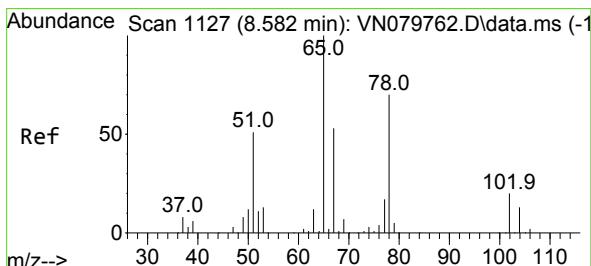
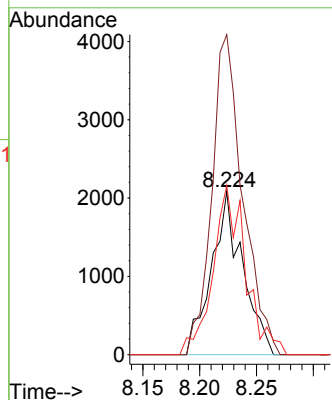
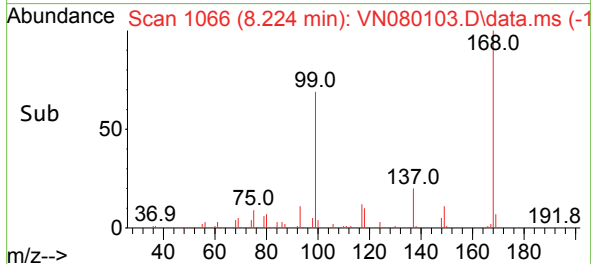


#31
Cyclohexane
Concen: 1.199 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :

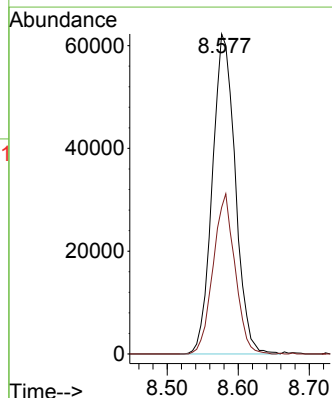
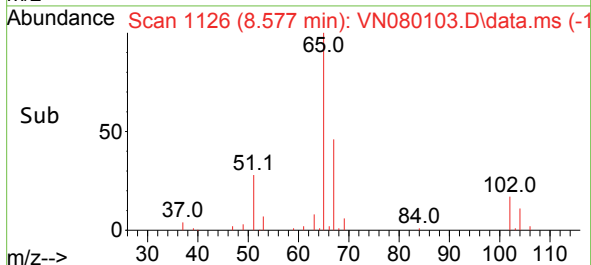
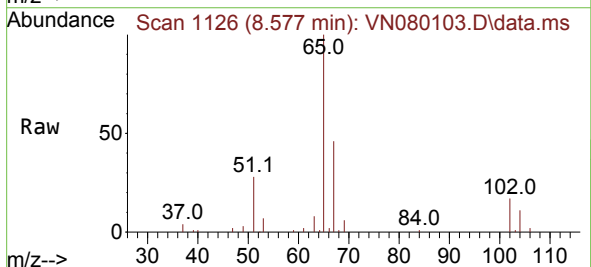


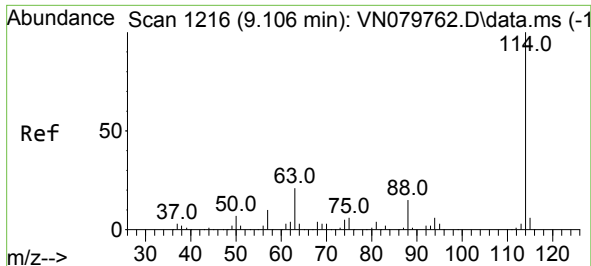
Tgt Ion: 56 Resp: 3975
Ion Ratio Lower Upper
56 100
69 195.9 26.8 40.2#
84 103.8 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 55.503 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

Tgt Ion: 65 Resp: 139248
Ion Ratio Lower Upper
65 100
67 47.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080103.D

Acq: 15 Nov 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

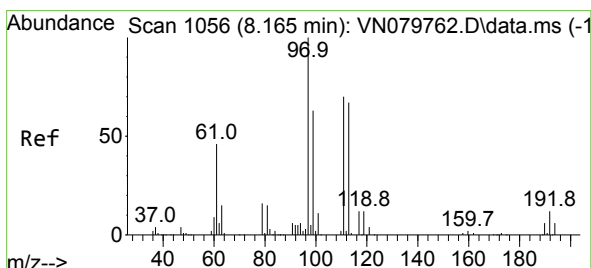
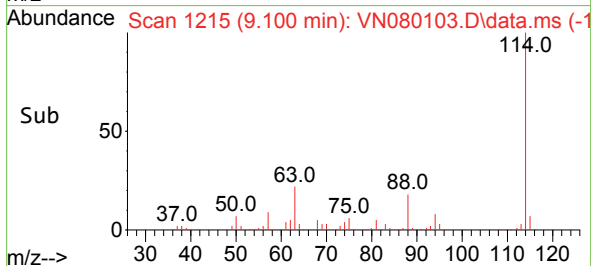
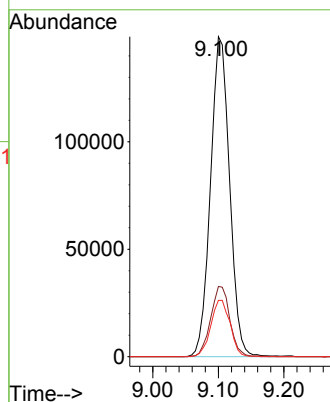
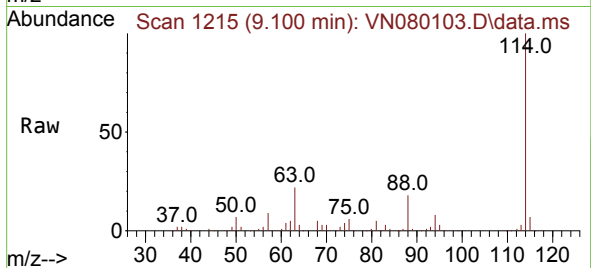
Tgt Ion:114 Resp: 301127

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.437 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080103.D

Acq: 15 Nov 2023 12:05

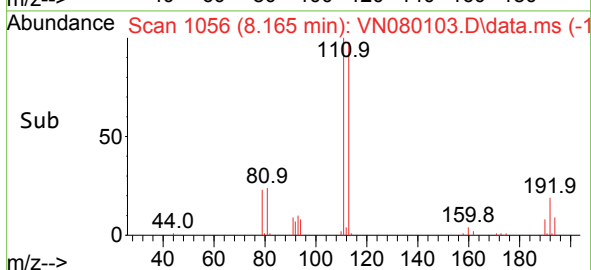
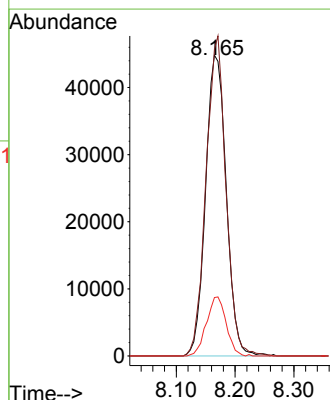
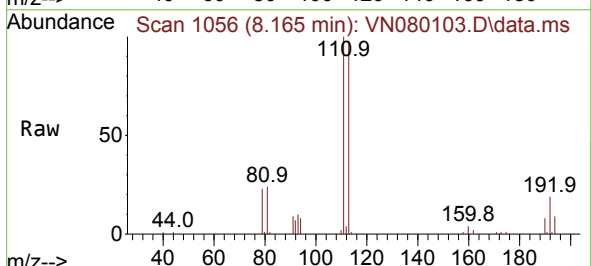
Tgt Ion:113 Resp: 109626

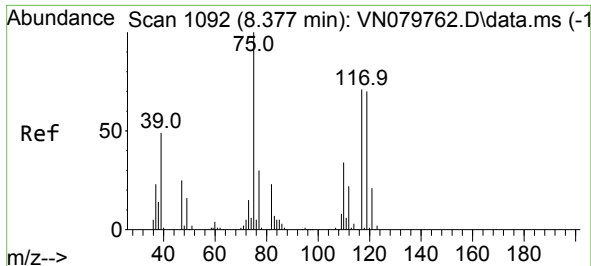
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

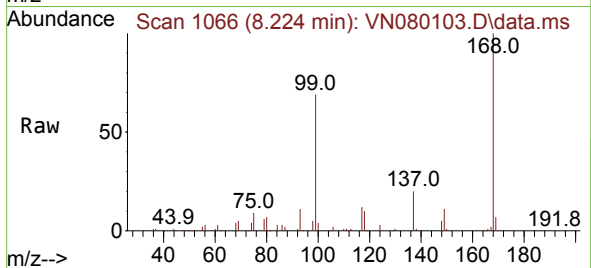
192 18.7 12.7 19.1



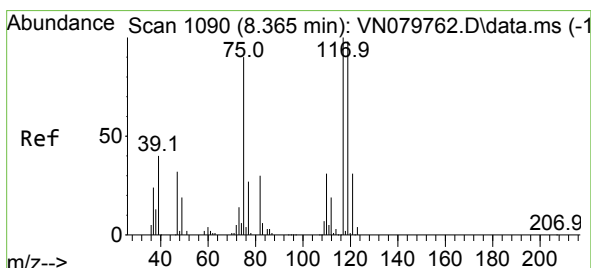
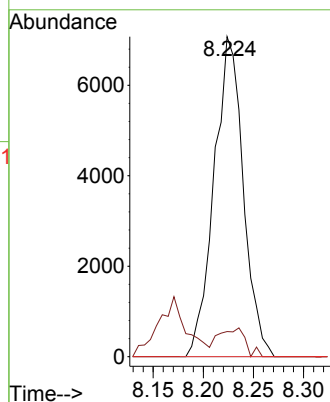
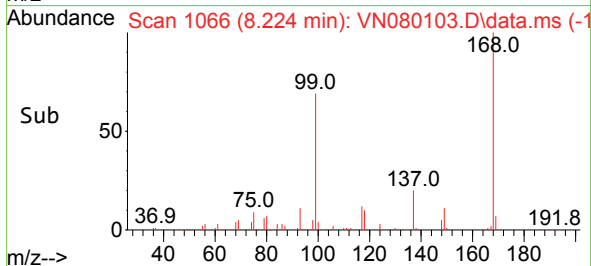


#36
 1,1-Dichloropropene
 Concen: 4.710 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.153 min
 Lab File: VN080103.D
 Acq: 15 Nov 2023 12:05

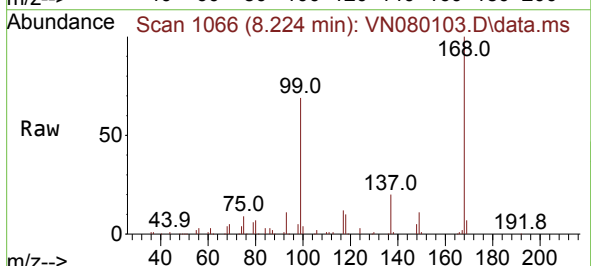
Instrument :
 MSVOA_N
 ClientSampleId :



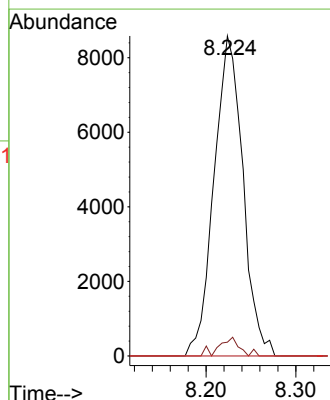
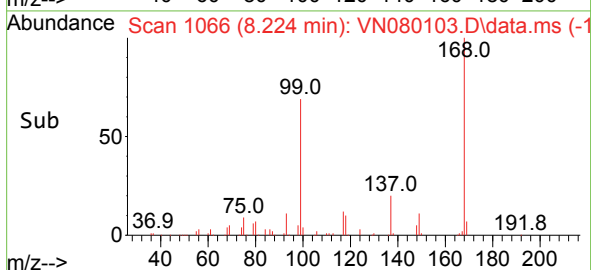
Tgt Ion: 75 Resp: 14334
 Ion Ratio Lower Upper
 75 100
 110 8.3 19.1 57.3#
 77 0.0 25.0 37.4#

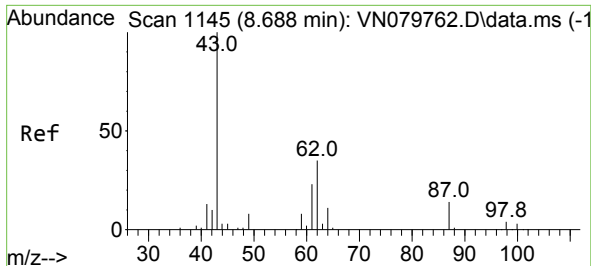


#38
 Carbon Tetrachloride
 Concen: 6.242 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN080103.D
 Acq: 15 Nov 2023 12:05



Tgt Ion: 117 Resp: 19144
 Ion Ratio Lower Upper
 117 100
 119 4.3 77.3 115.9#
 121 0.0 23.3 34.9#

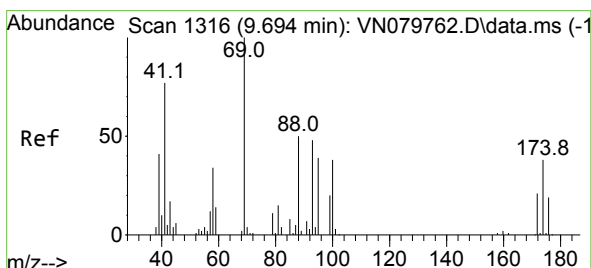
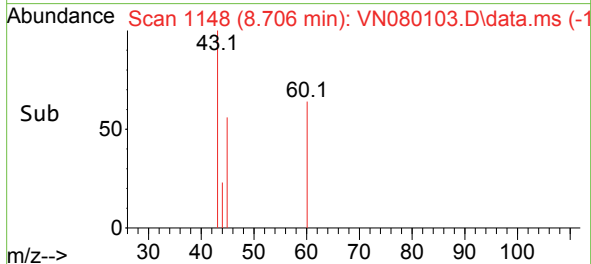
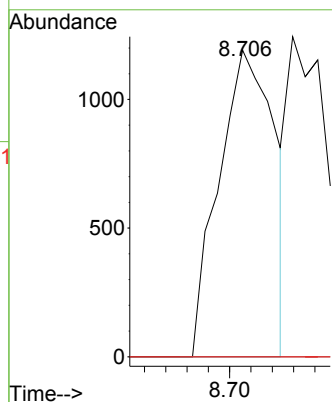
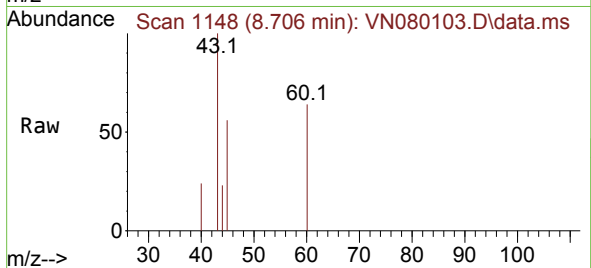




#43
Isopropyl Acetate
Concen: 0.443 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

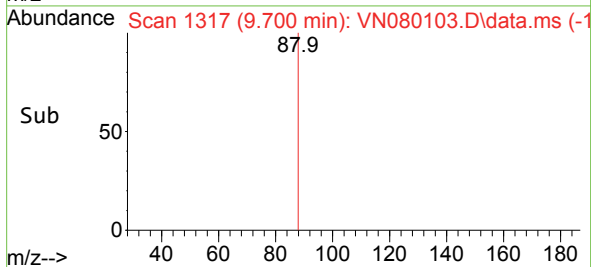
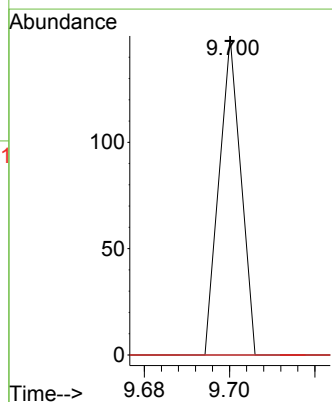
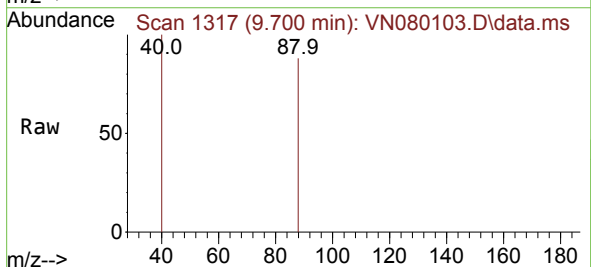
Instrument :
MSVOA_N
ClientSampleId :

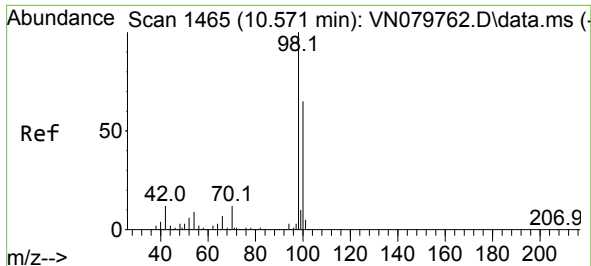
Tgt Ion: 43 Resp: 2167
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#49
1,4-Dioxane
Concen: 1.399 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

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#

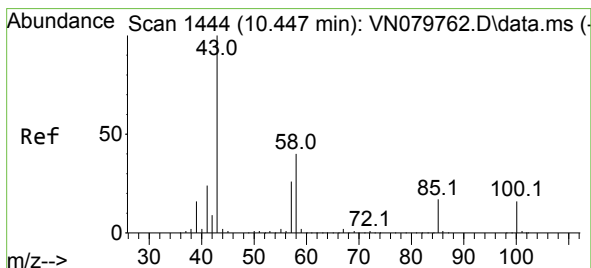
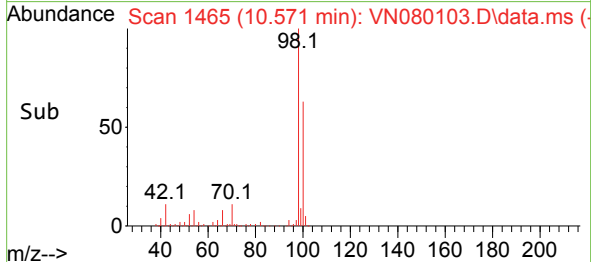
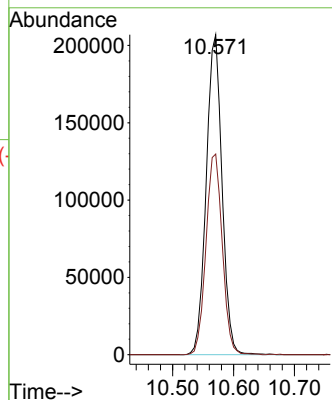
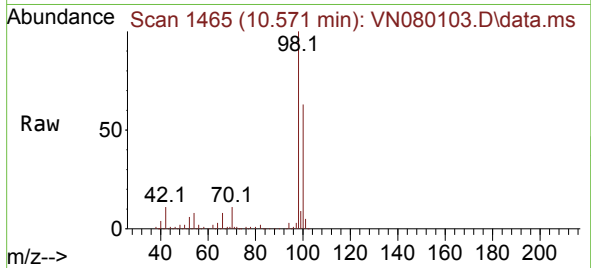




#50
Toluene-d8
Concen: 47.514 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

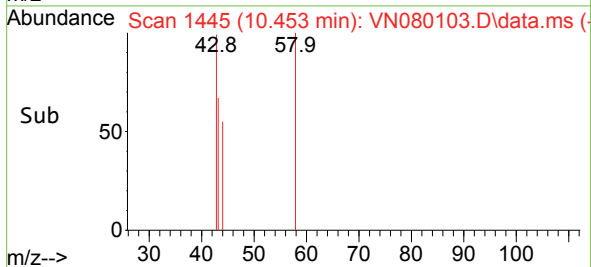
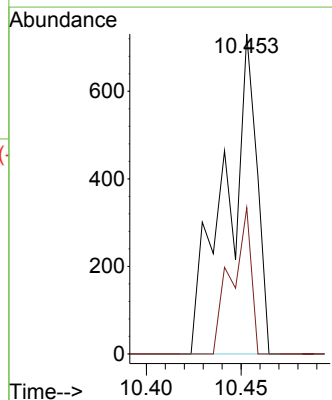
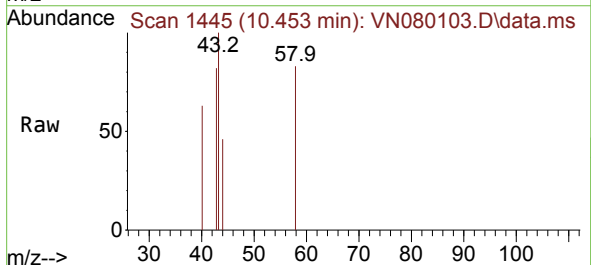
Instrument :
MSVOA_N
ClientSampleId :

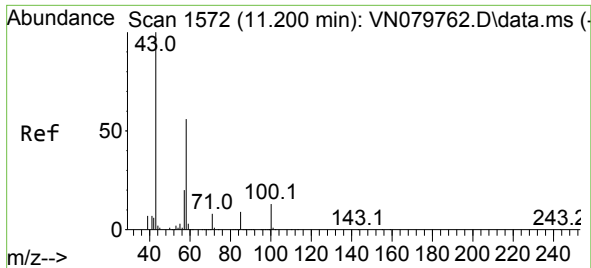
Tgt Ion: 98 Resp: 372790
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.300 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

Tgt Ion: 43 Resp: 828
Ion Ratio Lower Upper
43 100
58 29.1 36.6 54.8#

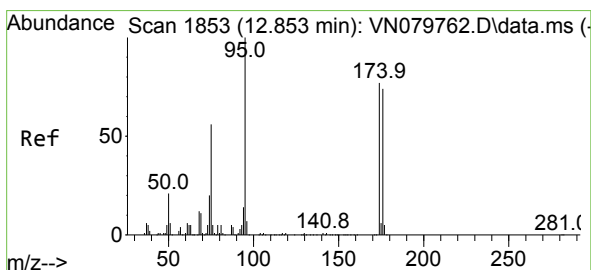
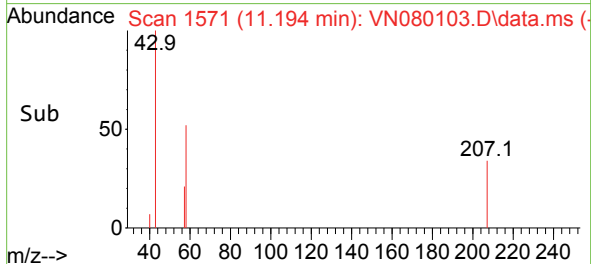
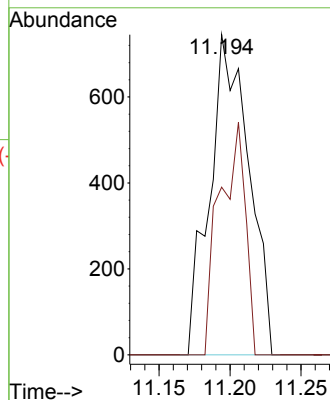
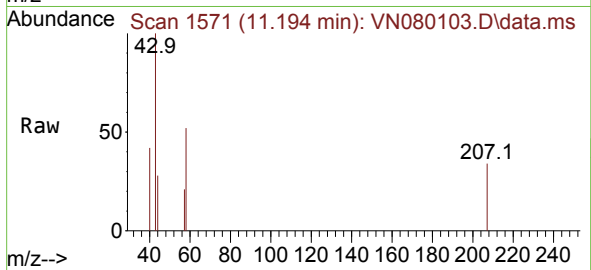




#59
2-Hexanone
Concen: 0.680 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

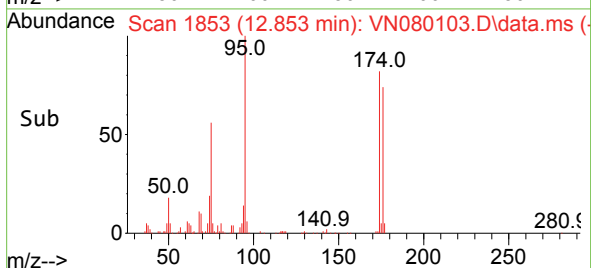
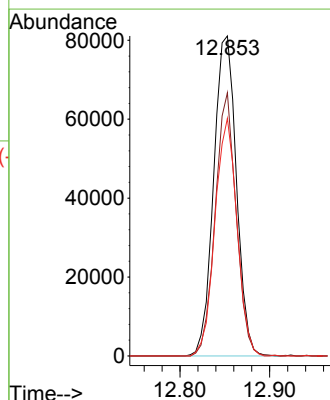
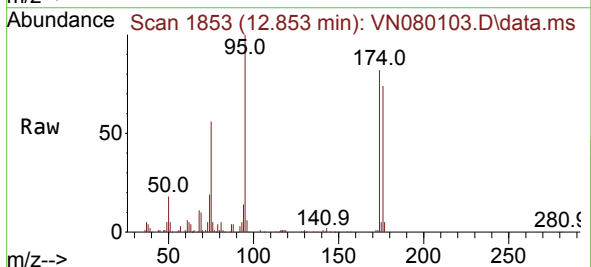
Instrument :
MSVOA_N
ClientSampleId :

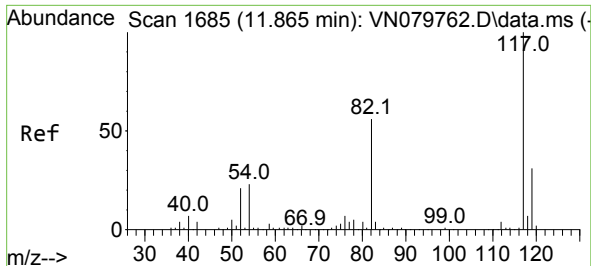
Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
58 47.8 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 54.767 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

Tgt Ion: 95 Resp: 142510
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 72.1 0.0 135.8

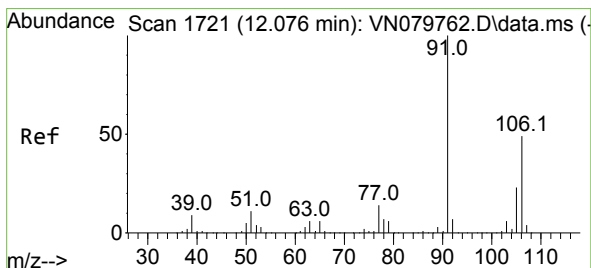
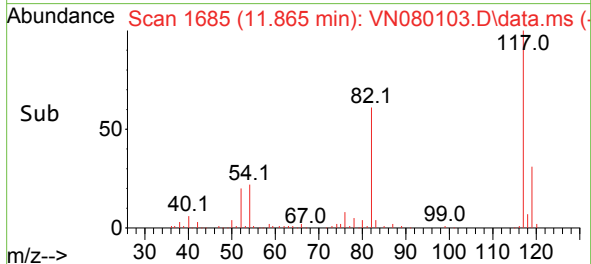
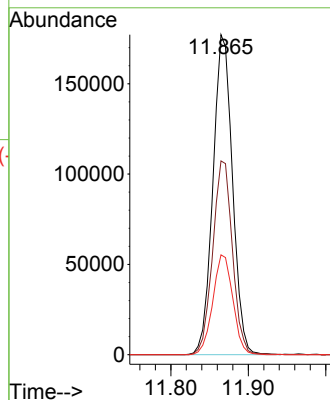
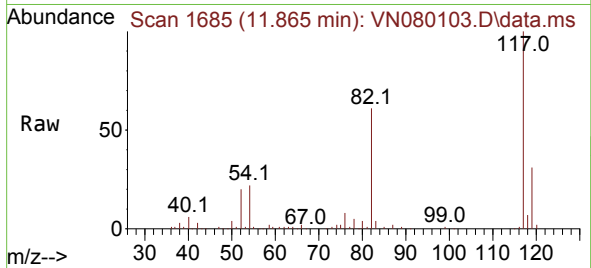




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

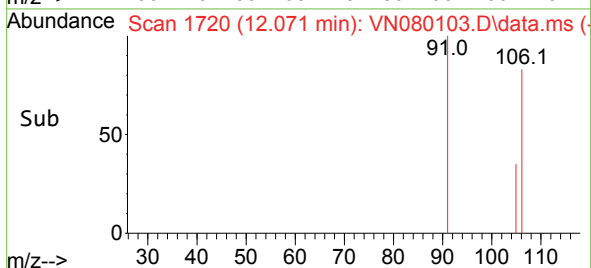
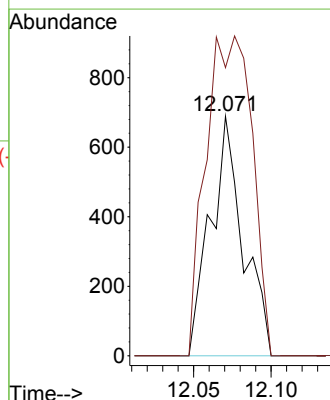
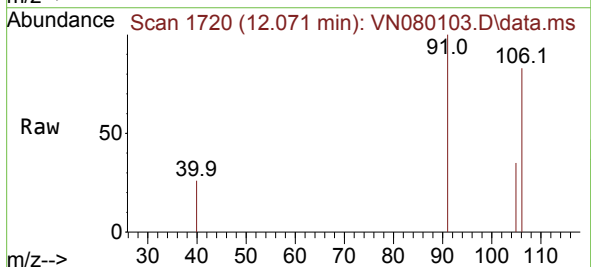
Instrument :
MSVOA_N
ClientSampleId :

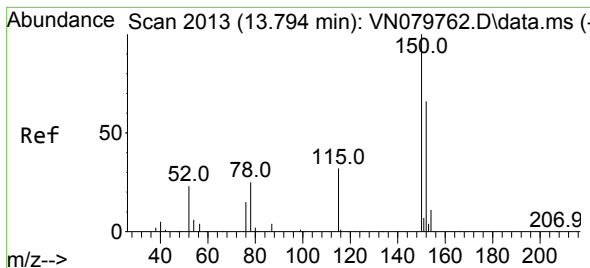
Tgt Ion:117 Resp: 310398
Ion Ratio Lower Upper
117 100
82 60.6 44.0 66.0
119 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 0.231 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

Tgt Ion:106 Resp: 1009
Ion Ratio Lower Upper
106 100
91 189.7 159.6 239.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

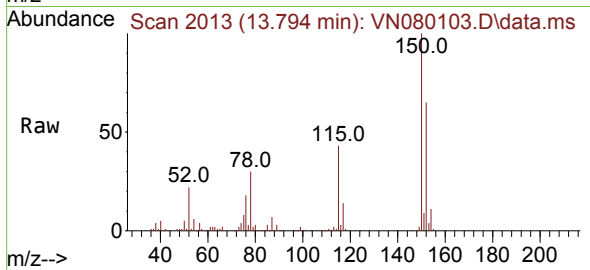
Lab File: VN080103.D

Acq: 15 Nov 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :



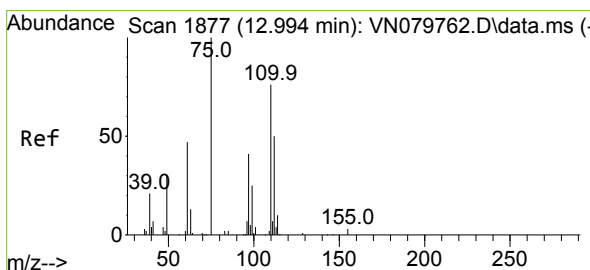
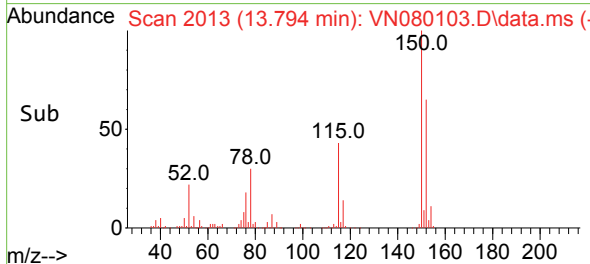
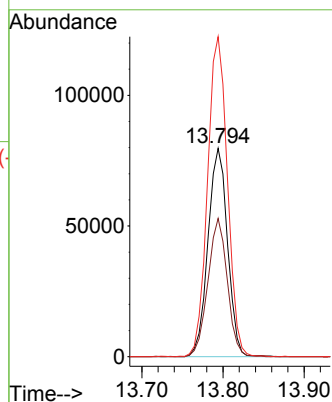
Tgt Ion:152 Resp: 133216

Ion Ratio Lower Upper

152 100

115 65.8 32.3 96.8

150 156.1 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 26.084 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080103.D

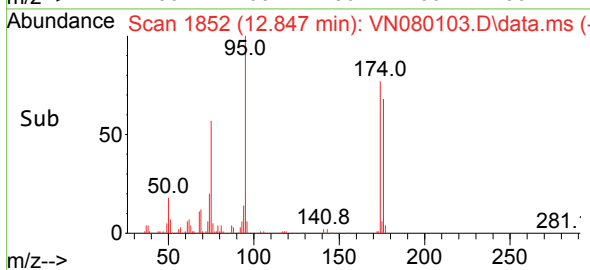
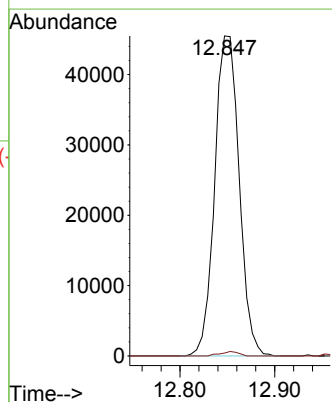
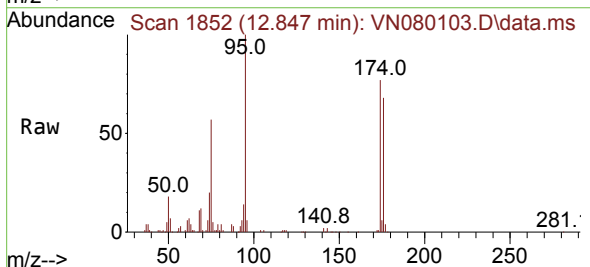
Acq: 15 Nov 2023 12:05

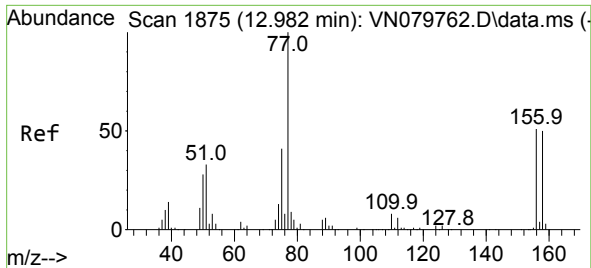
Tgt Ion: 75 Resp: 81577

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#

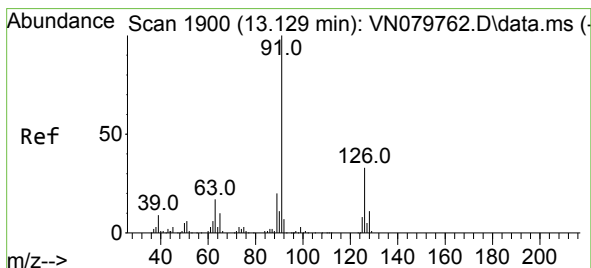
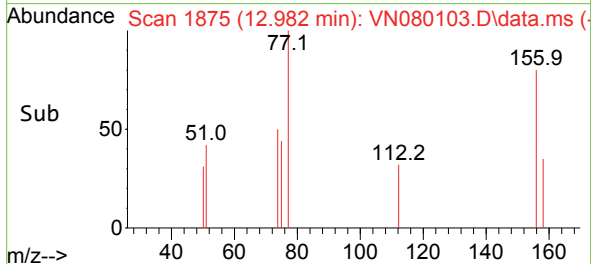
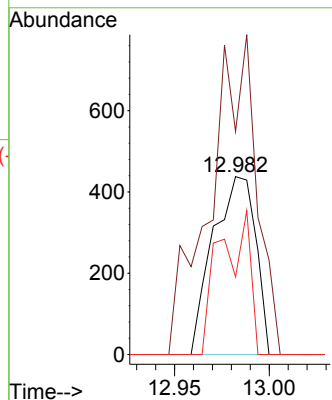
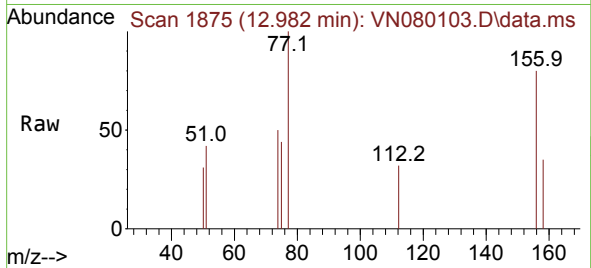




#77
Bromobenzene
Concen: 0.276 ug/l
RT: 12.982 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

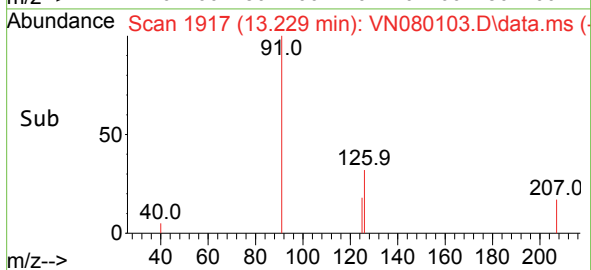
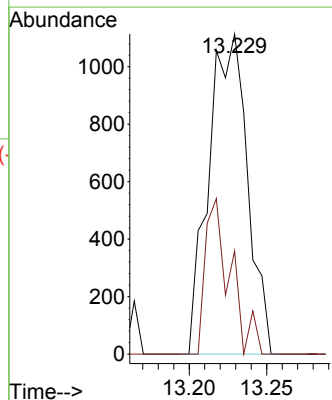
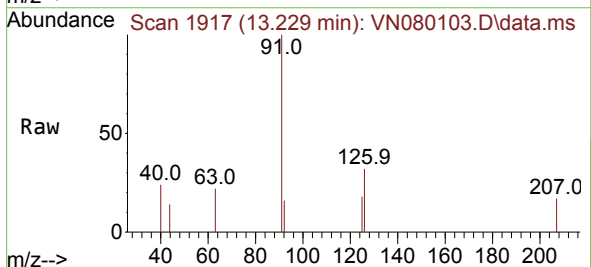
Instrument :
MSVOA_N
ClientSampleId :

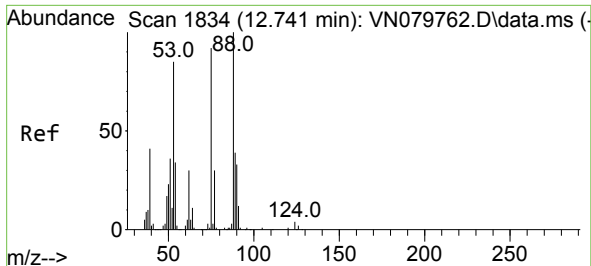
Tgt Ion:156 Resp: 684
Ion Ratio Lower Upper
156 100
77 195.9 107.7 323.3
158 56.9 48.4 145.3



#79
2-Chlorotoluene
Concen: 0.262 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.100 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

Tgt Ion: 91 Resp: 1938
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.8

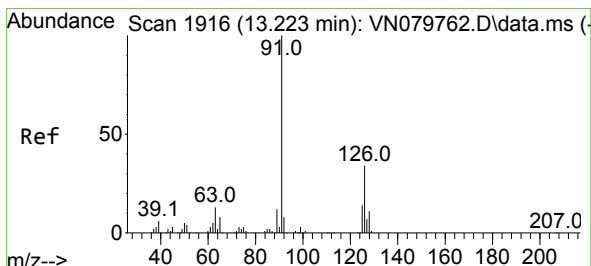
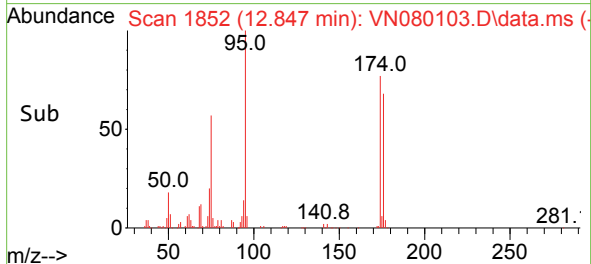
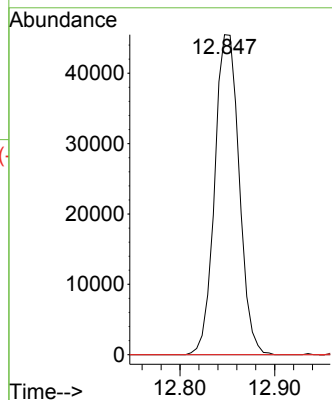
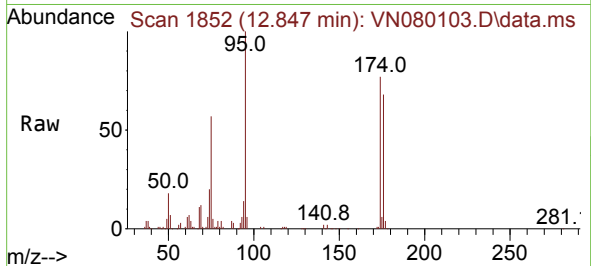




#81
trans-1,4-Dichloro-2-butene
Concen: 70.967 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

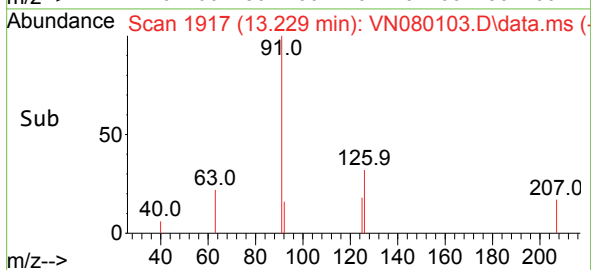
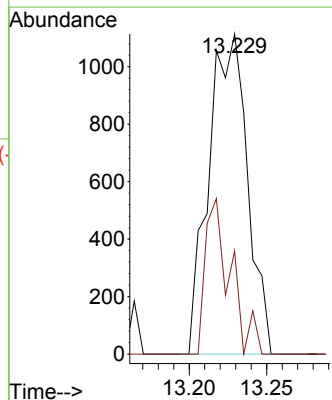
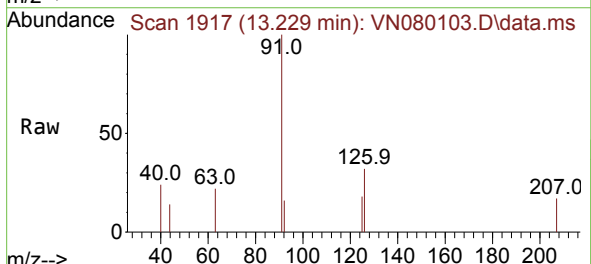
Instrument :
MSVOA_N
ClientSampleId :

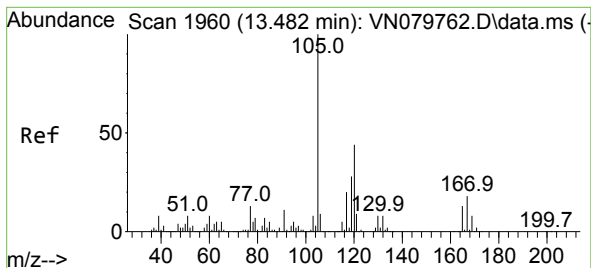
Tgt Ion: 75 Resp: 81577
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.264 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN080103.D
Acq: 15 Nov 2023 12:05

Tgt Ion: 91 Resp: 1938
Ion Ratio Lower Upper
91 100
126 31.2 16.7 50.0





#84

1,2,4-Trimethylbenzene

Concen: 0.204 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080103.D

Acq: 15 Nov 2023 12:05

Instrument :

MSVOA_N

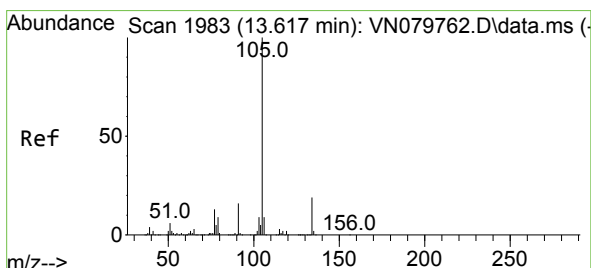
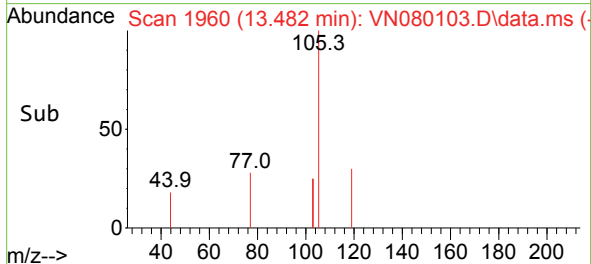
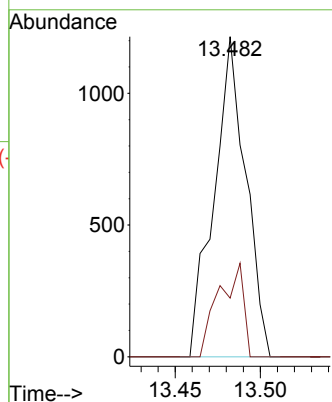
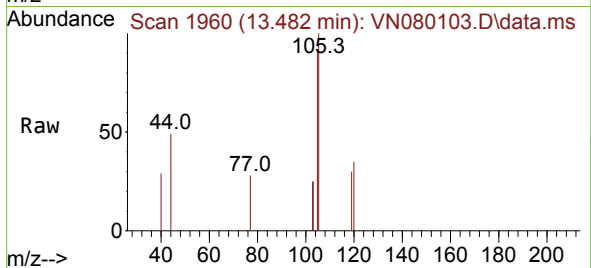
ClientSampleId :

Tgt Ion:105 Resp: 1579

Ion Ratio Lower Upper

105 100

120 22.9 22.0 66.0



#85

sec-Butylbenzene

Concen: 0.242 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN080103.D

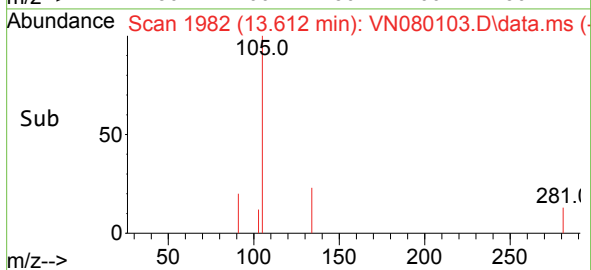
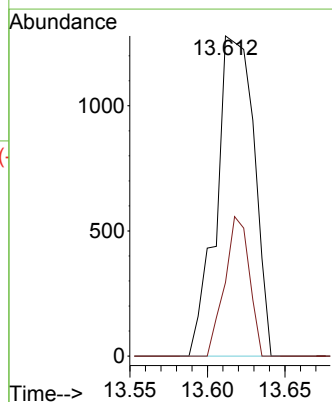
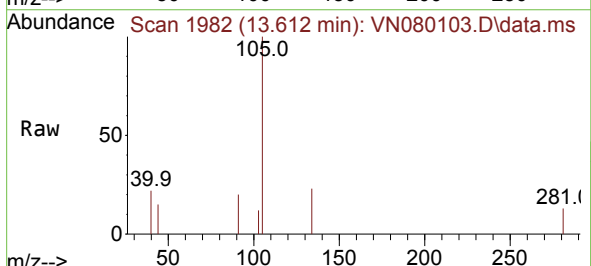
Acq: 15 Nov 2023 12:05

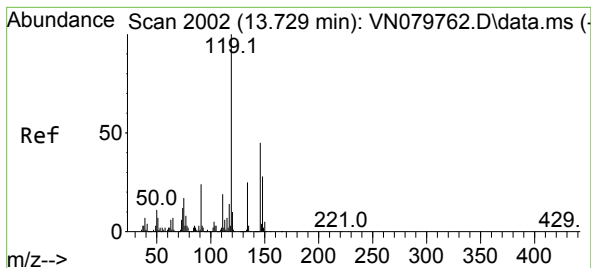
Tgt Ion:105 Resp: 2159

Ion Ratio Lower Upper

105 100

134 28.4 9.8 29.3





#86

p-Isopropyltoluene

Concen: 0.232 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080103.D

Acq: 15 Nov 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

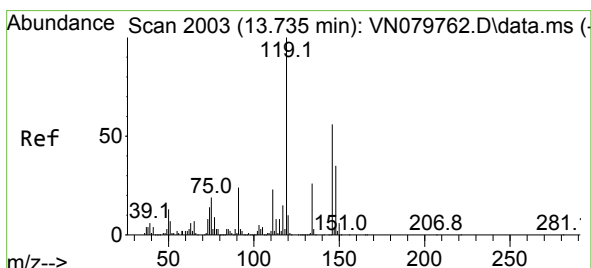
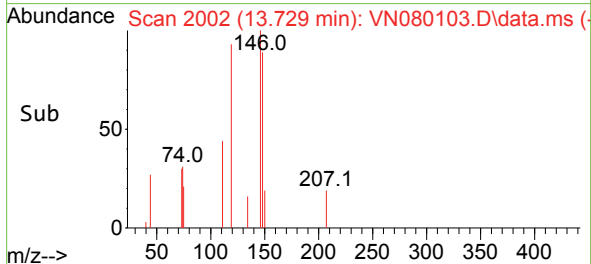
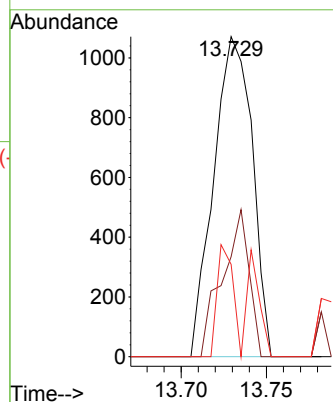
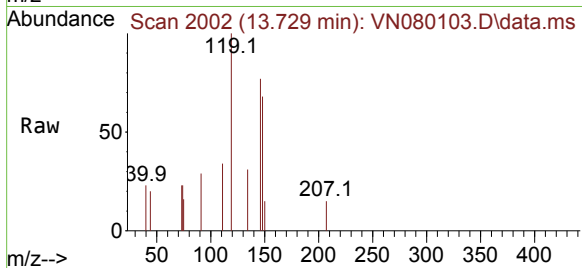
Tgt Ion:119 Resp: 1687

Ion Ratio Lower Upper

119 100

134 31.9 12.6 37.8

91 10.8 12.4 37.2#



#87

1,3-Dichlorobenzene

Concen: 0.400 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080103.D

Acq: 15 Nov 2023 12:05

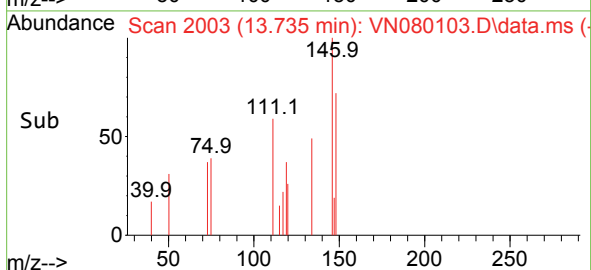
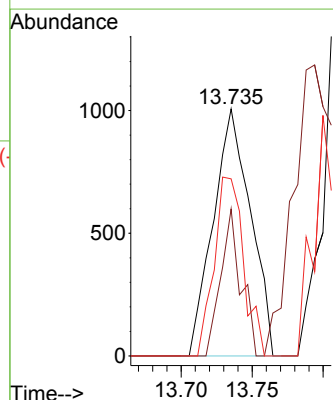
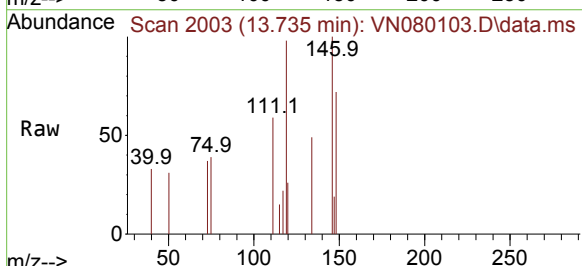
Tgt Ion:146 Resp: 1843

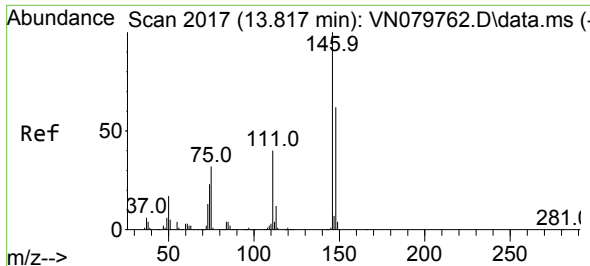
Ion Ratio Lower Upper

146 100

111 32.2 22.1 66.3

148 56.8 32.0 96.0

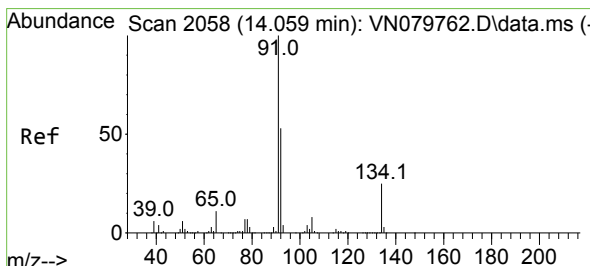
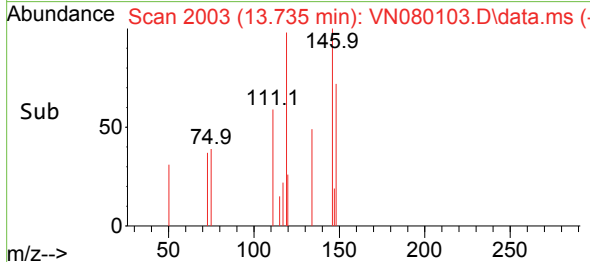
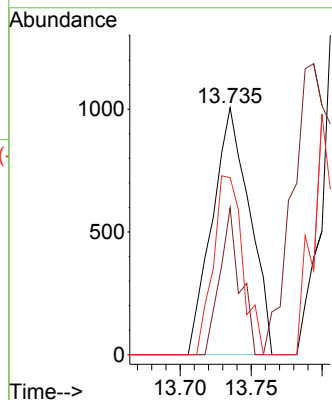
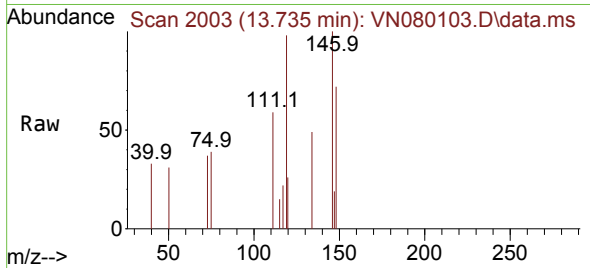




#88
 1,4-Dichlorobenzene
 Concen: 0.394 ug/l
 RT: 13.735 min Scan# 2017
 Delta R.T. -0.082 min
 Lab File: VN080103.D
 Acq: 15 Nov 2023 12:05

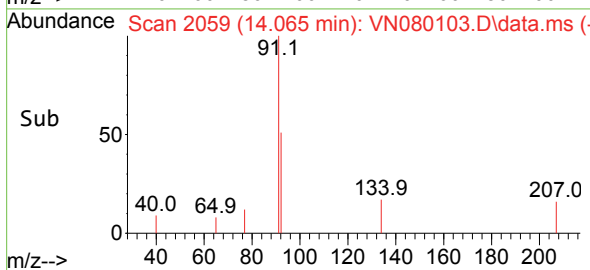
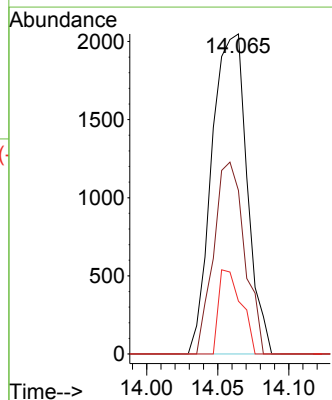
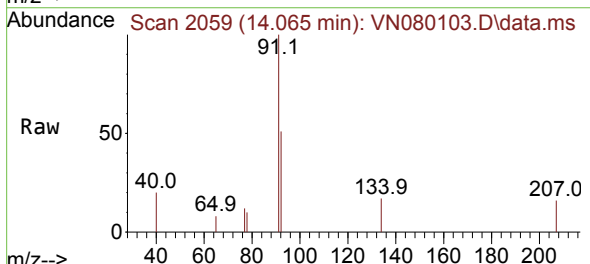
Instrument :
 MSVOA_N
 ClientSampleId :

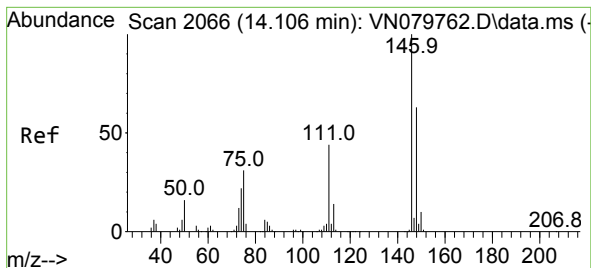
Tgt Ion:146 Resp: 1843
 Ion Ratio Lower Upper
 146 100
 111 32.2 20.6 61.8
 148 56.8 31.6 94.8



#89
 n-Butylbenzene
 Concen: 0.564 ug/l
 RT: 14.065 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VN080103.D
 Acq: 15 Nov 2023 12:05

Tgt Ion: 91 Resp: 3534
 Ion Ratio Lower Upper
 91 100
 92 52.5 26.4 79.0
 134 16.8 12.6 37.6





#91

1,2-Dichlorobenzene

Concen: 0.392 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN080103.D

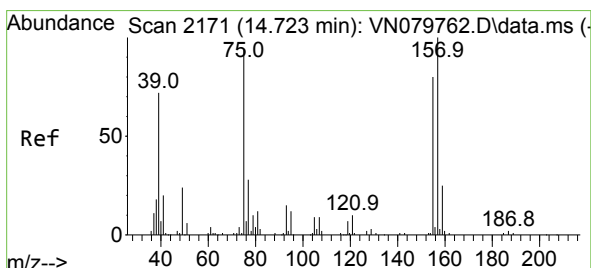
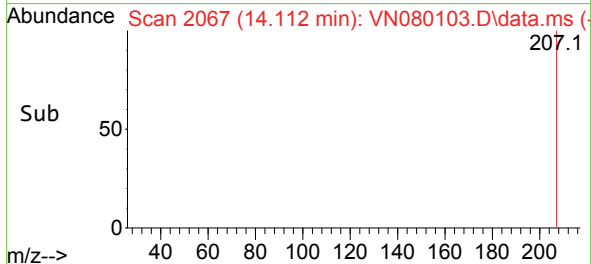
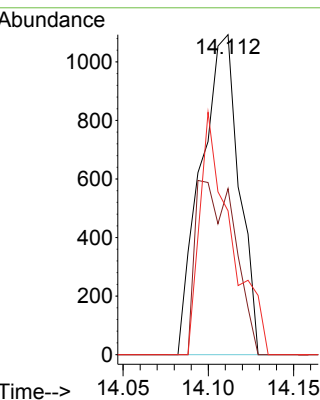
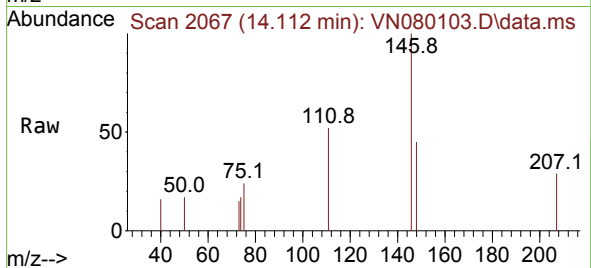
Acq: 15 Nov 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	1705
Ion	Ratio	Lower	Upper
146	100		
111	55.8	22.0	66.0
148	61.5	31.8	95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.602 ug/l

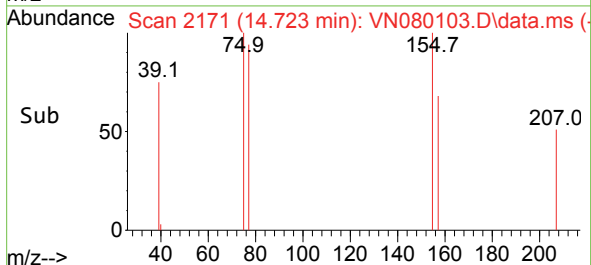
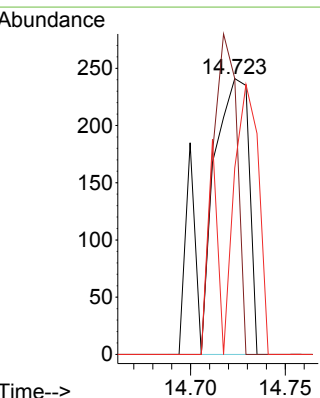
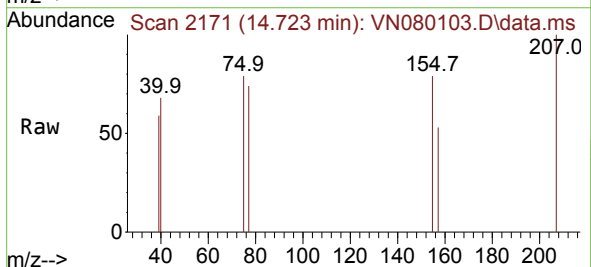
RT: 14.723 min Scan# 2171

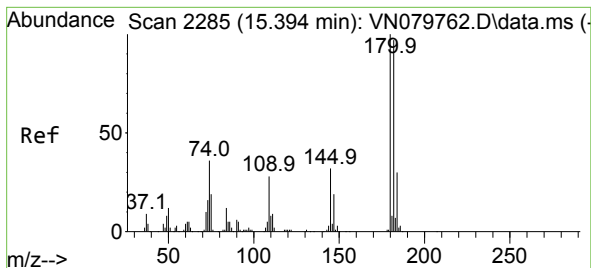
Delta R.T. 0.000 min

Lab File: VN080103.D

Acq: 15 Nov 2023 12:05

Tgt Ion:	75	Resp:	366
Ion	Ratio	Lower	Upper
75	100		
155	67.2	39.1	117.2
157	75.1	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 1.423 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080103.D

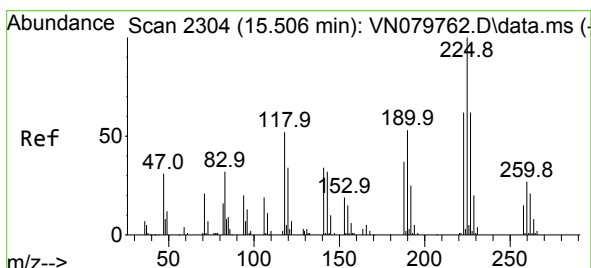
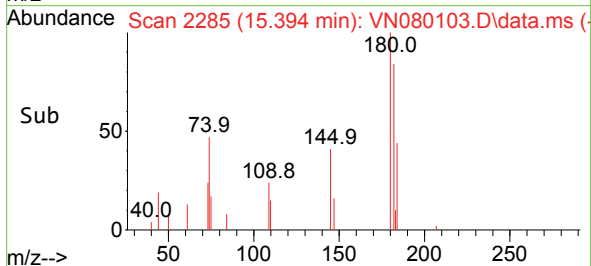
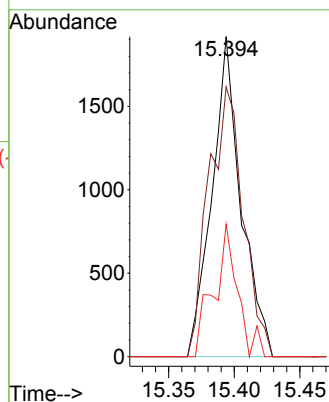
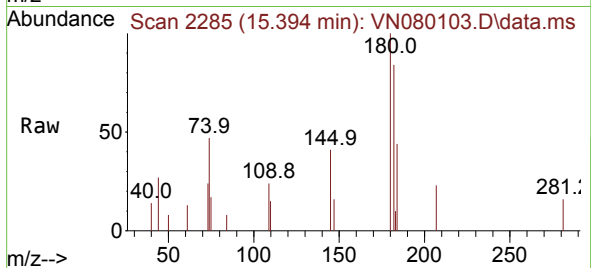
Acq: 15 Nov 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:180	Resp:	2941
Ion Ratio	Lower	Upper
180	100	
182	100.7	46.1 138.2
145	34.2	16.6 49.8



#94

Hexachlorobutadiene

Concen: 1.706 ug/l

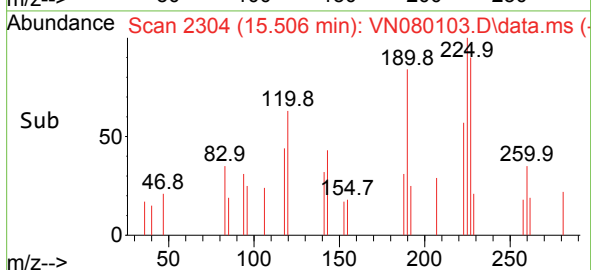
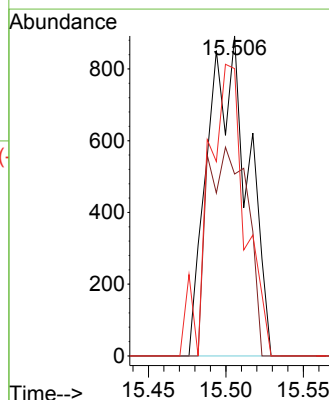
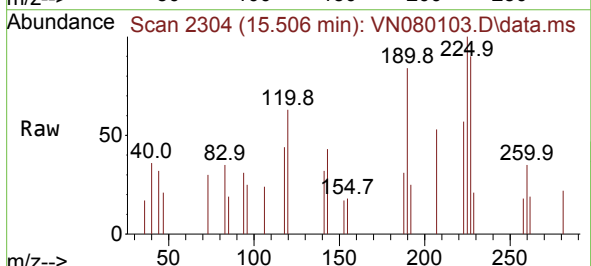
RT: 15.506 min Scan# 2304

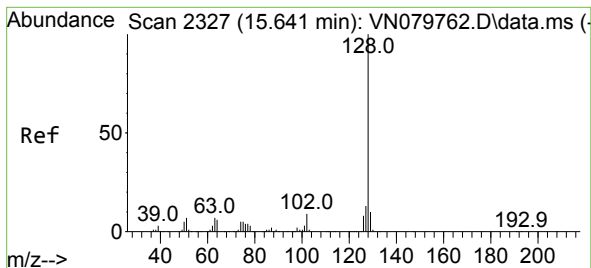
Delta R.T. 0.000 min

Lab File: VN080103.D

Acq: 15 Nov 2023 12:05

Tgt Ion:225	Resp:	1598
Ion Ratio	Lower	Upper
225	100	
223	65.6	31.3 93.8
227	83.7	31.9 95.9





#95

Naphthalene

Concen: 1.828 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080103.D

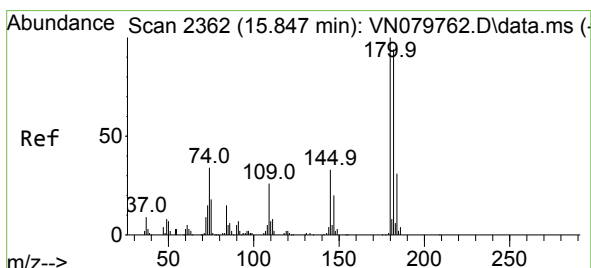
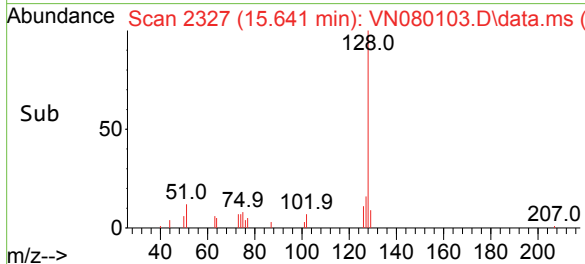
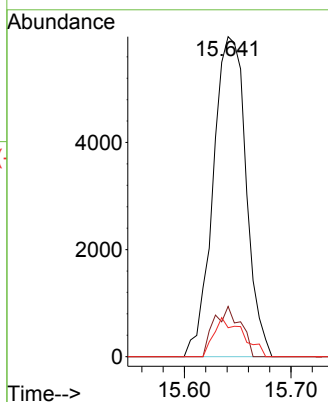
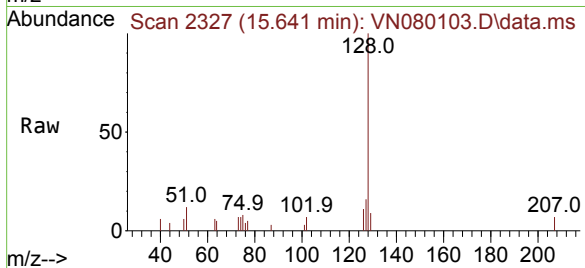
Acq: 15 Nov 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	12814
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	10.7	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.815 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080103.D

Acq: 15 Nov 2023 12:05

Tgt Ion:	180	Resp:	3678
Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.2	138.6
145	0.0	17.5	52.6

