

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112823\
 Data File : VN080290.D
 Acq On : 28 Nov 2023 12:18
 Operator : JC\MD
 Sample : VN1128MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 29 00:33:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	159194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143360	54.540	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.080%			
35) Dibromofluoromethane	8.165	113	117643	54.136	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.280%			
50) Toluene-d8	10.571	98	393978	50.293	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.853	95	151682	51.263	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.520%			
Target Compounds						Qvalue
3) Chloromethane	2.371	50	372	0.209	ug/l #	42
5) Bromomethane	2.977	94	651	0.508	ug/l	82
6) Chloroethane	3.136	64	252	Below Cal	#	43
10) Methyl Iodide	4.589	142	738	0.380	ug/l #	41
13) Acrolein	4.195	56	243	0.950	ug/l #	80
15) Acrylonitrile	5.730	53	744	0.959	ug/l #	31
16) Acetone	4.436	43	437	0.495	ug/l #	40
17) Carbon Disulfide	4.718	76	3117	0.620	ug/l #	86
20) Methylene Chloride	5.283	84	1870	1.011	ug/l #	68
29) Tetrahydrofuran	7.859	42	142	0.252	ug/l #	20
31) Cyclohexane	8.218	56	3572	1.250	ug/l #	38
36) 1,1-Dichloropropene	8.230	75	13646	4.337	ug/l #	47
38) Carbon Tetrachloride	8.218	117	19176	4.803	ug/l #	15
43) Isopropyl Acetate	8.765	43	1222	0.288	ug/l #	49
51) 4-Methyl-2-Pentanone	10.447	43	756	0.344	ug/l #	73
59) 2-Hexanone	11.200	43	1940	1.098	ug/l	100
71) Bromoform	12.853	173	1167	0.564	ug/l #	1
74) N-amyl acetate	12.494	43	887	0.272	ug/l #	89
76) 1,2,3-Trichloropropane	12.853	75	82050	24.848	ug/l #	1
77) Bromobenzene	12.982	156	576	0.218	ug/l	65
79) 2-Chlorotoluene	13.218	91	2026	0.266	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.853	75	82050	83.951	ug/l #	15
82) 4-Chlorotoluene	13.218	91	2026	0.260	ug/l	88
85) sec-Butylbenzene	13.618	105	2619	0.283	ug/l	95
86) p-Isopropyltoluene	13.735	119	2353	0.285	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	2067	0.435	ug/l	88
88) 1,4-Dichlorobenzene	13.735	146	2067	0.432	ug/l	88
89) n-Butylbenzene	14.059	91	4392	0.635	ug/l	92
90) Hexachloroethane	14.335	117	358	0.222	ug/l	66
91) 1,2-Dichlorobenzene	14.112	146	1853	0.407	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.723	75	308	0.423	ug/l	78
93) 1,2,4-Trichlorobenzene	15.388	180	3437	1.298	ug/l	84
94) Hexachlorobutadiene	15.500	225	2624	1.722	ug/l	93
95) Naphthalene	15.641	128	15314	1.995	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	4369	1.761	ug/l	93

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 29 00:33:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

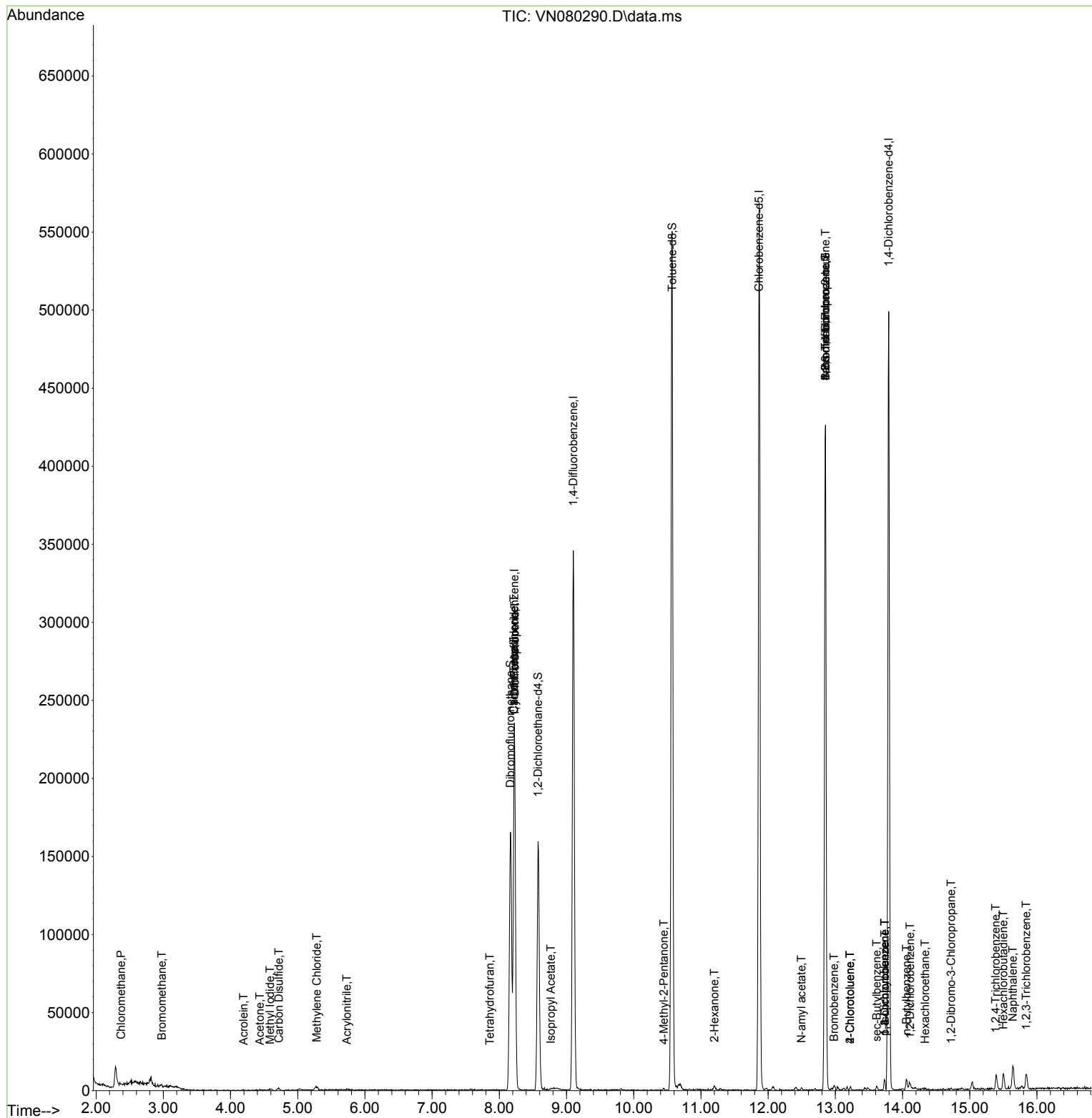
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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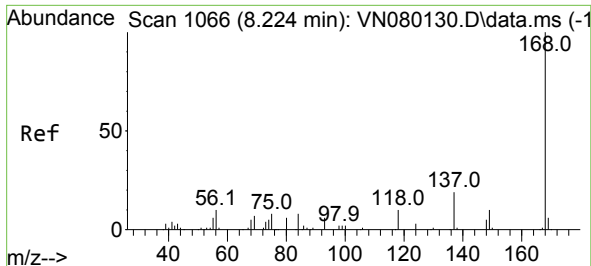
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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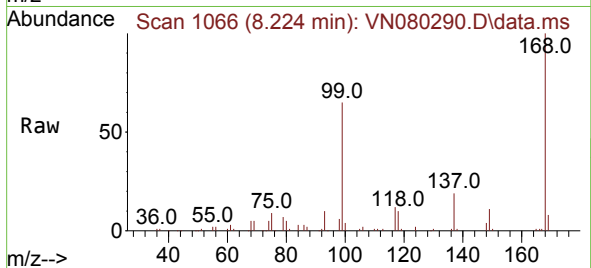
Quant Time: Nov 29 00:33:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
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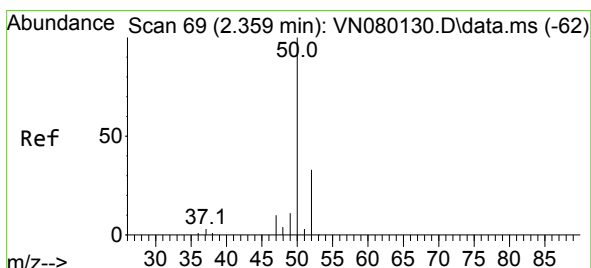
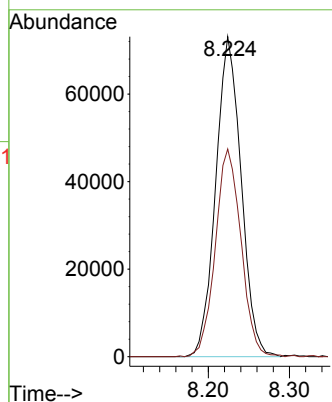
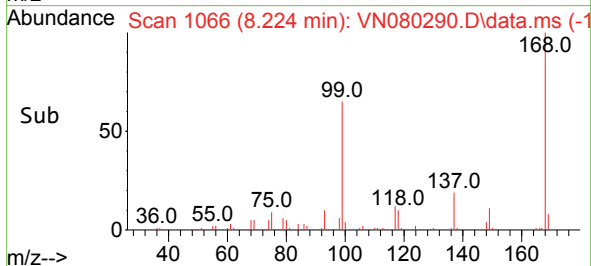


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :

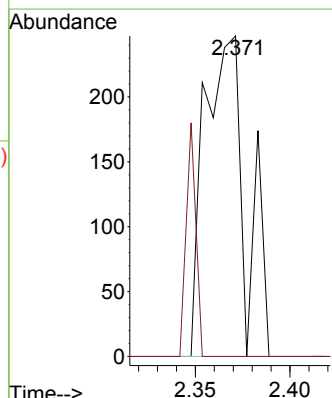
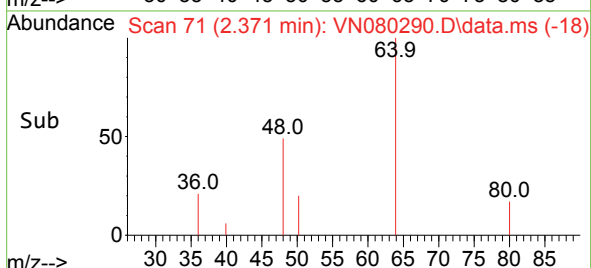
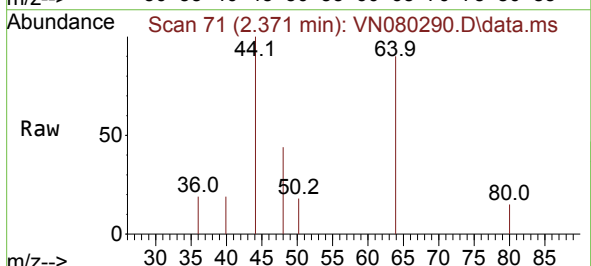


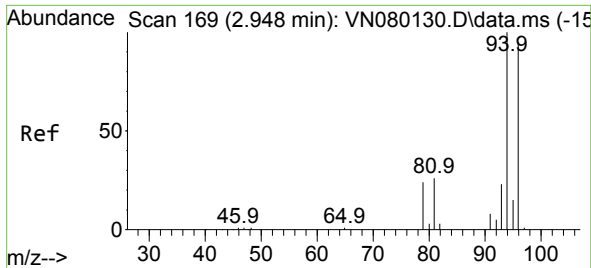
Tgt Ion:168 Resp: 159194
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6



#3
Chloromethane
Concen: 0.209 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

Tgt Ion: 50 Resp: 372
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

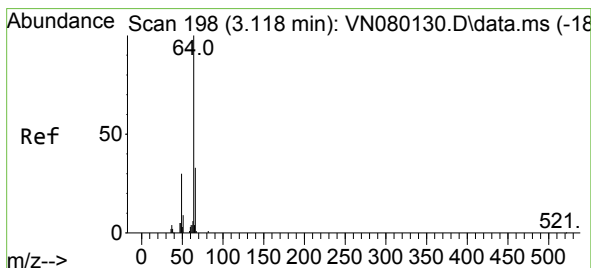
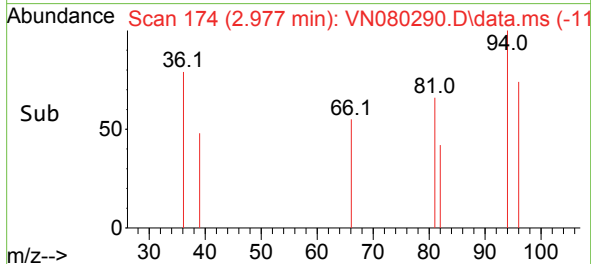
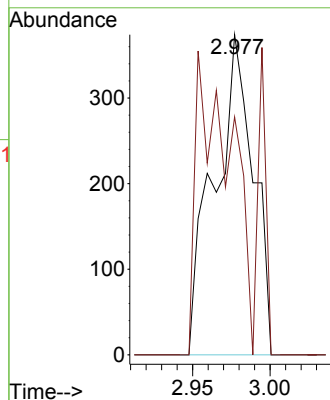
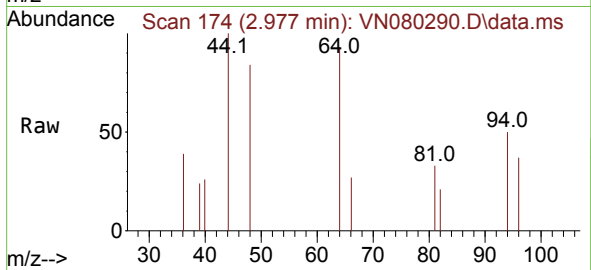




#5
Bromomethane
Concen: 0.508 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

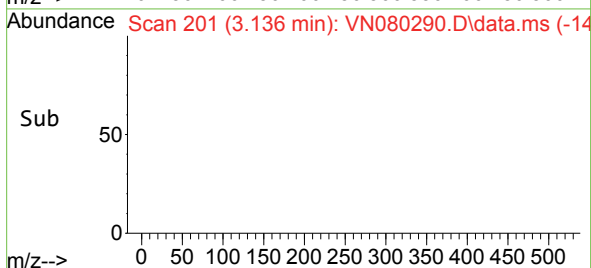
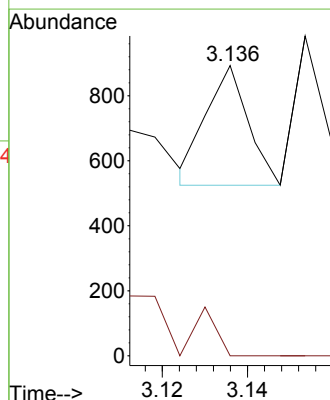
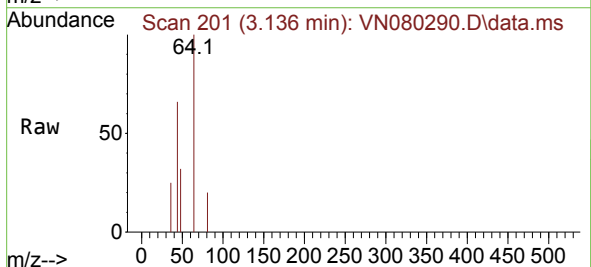
Instrument :
MSVOA_N
ClientSampleId :

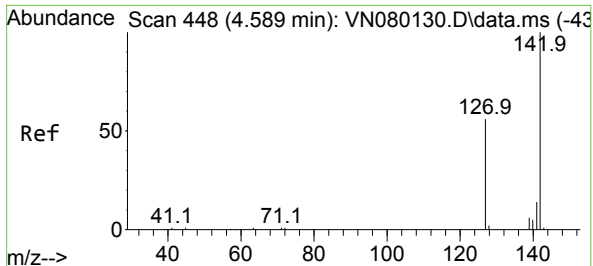
Tgt Ion: 94 Resp: 651
Ion Ratio Lower Upper
94 100
96 74.3 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

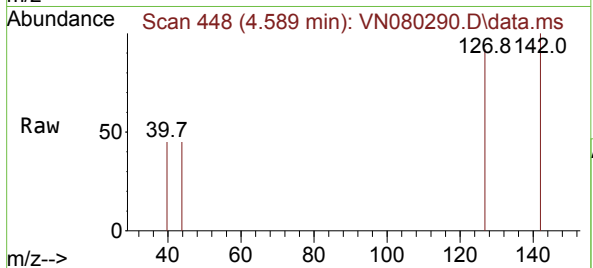
Tgt Ion: 64 Resp: 252
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



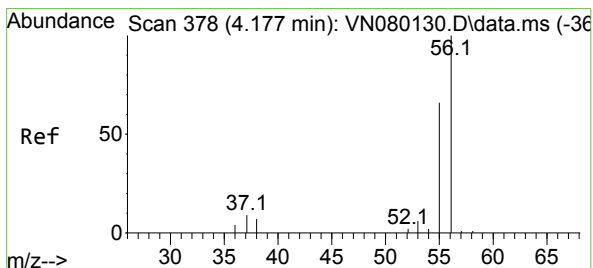
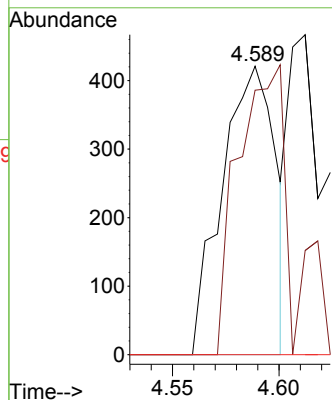
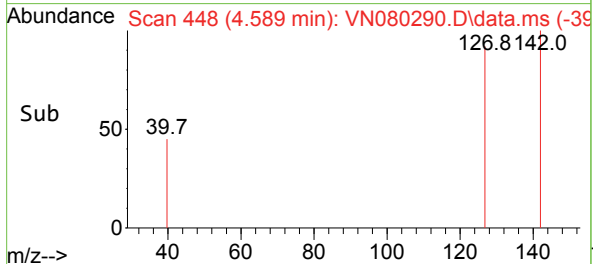


#10
Methyl Iodide
Concen: 0.380 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :

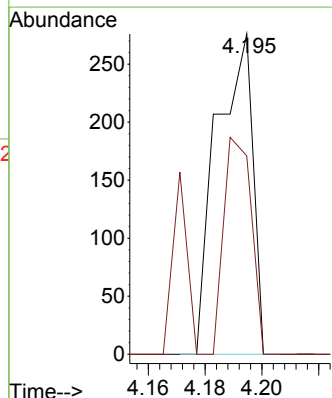
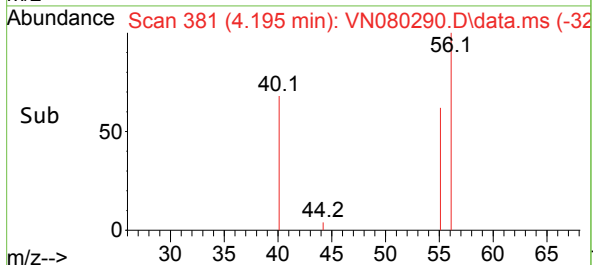
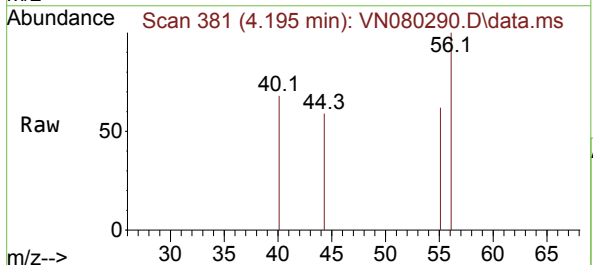


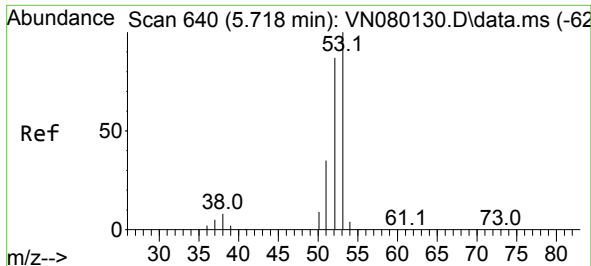
Tgt Ion:142 Resp: 738
Ion Ratio Lower Upper
142 100
127 91.7 37.6 56.4#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.950 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

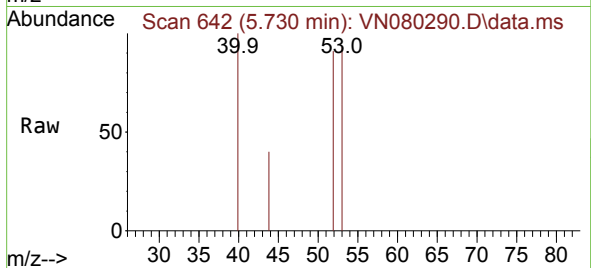
Tgt Ion: 56 Resp: 243
Ion Ratio Lower Upper
56 100
55 51.9 54.5 81.7#



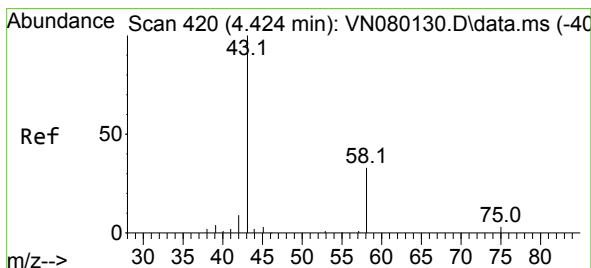
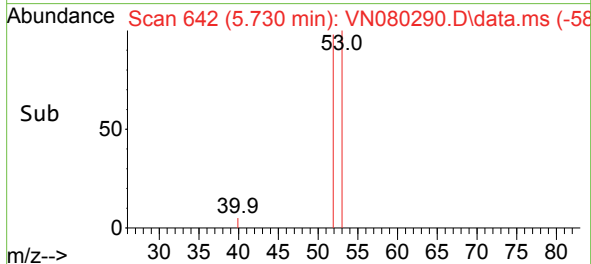
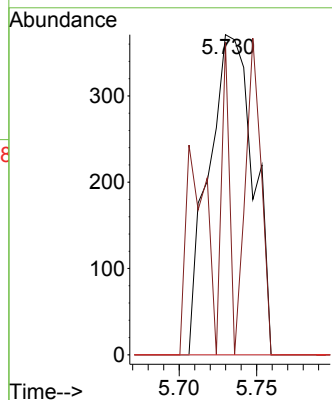


#15
Acrylonitrile
Concen: 0.959 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :

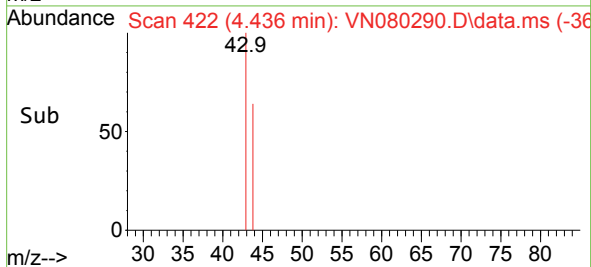
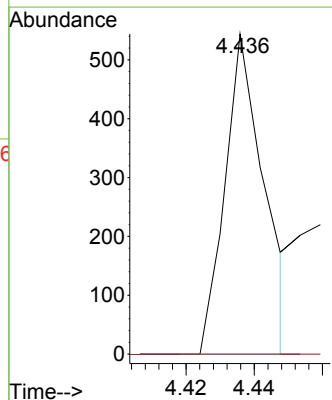
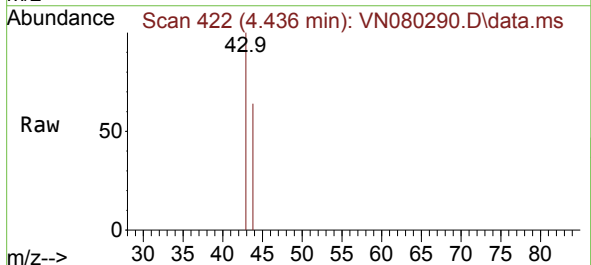


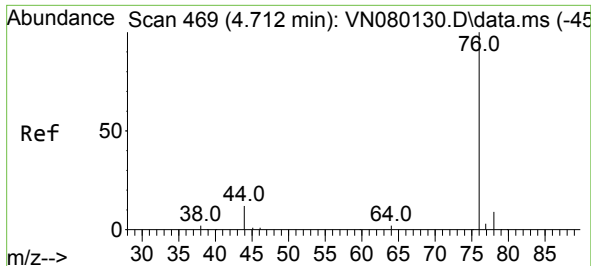
Tgt Ion: 53 Resp: 744
Ion Ratio Lower Upper
53 100
52 17.2 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 0.495 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

Tgt Ion: 43 Resp: 437
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





#17

Carbon Disulfide

Concen: 0.620 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

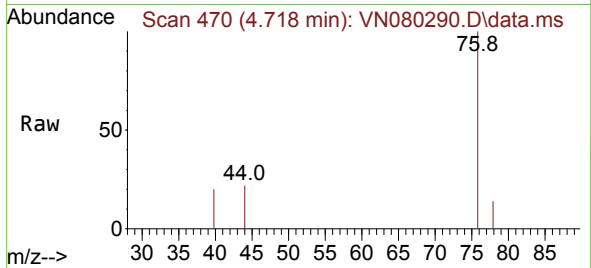
Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

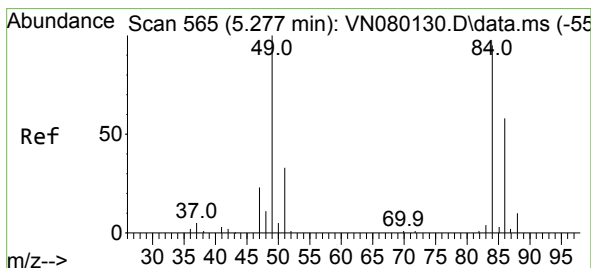
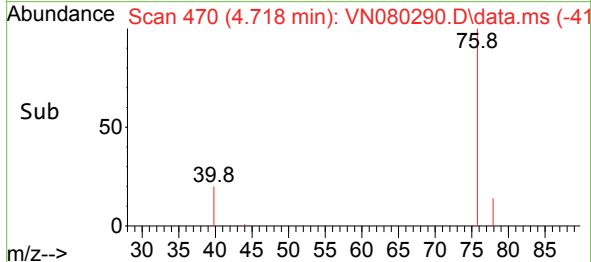
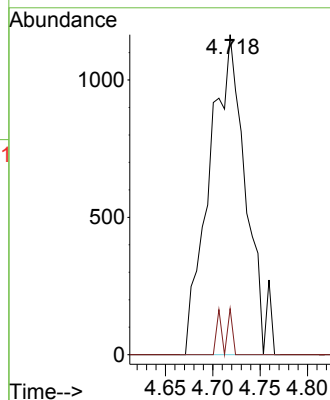


Tgt Ion: 76 Resp: 3117

Ion Ratio Lower Upper

76 100

78 14.4 7.4 11.0#



#20

Methylene Chloride

Concen: 1.011 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

Tgt Ion: 84 Resp: 1870

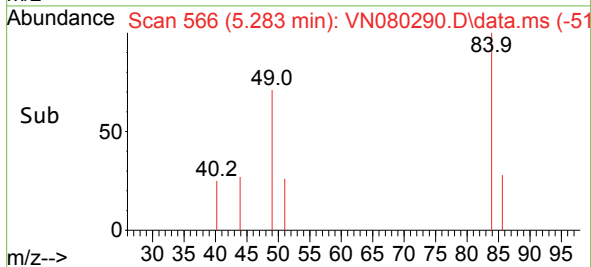
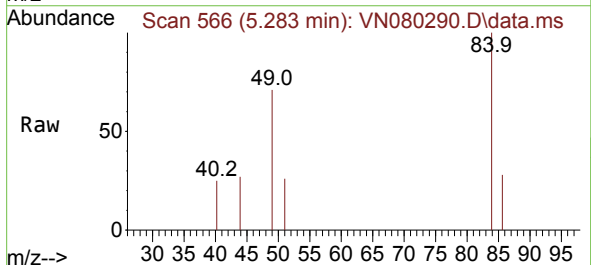
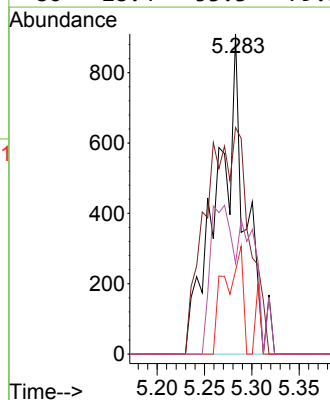
Ion Ratio Lower Upper

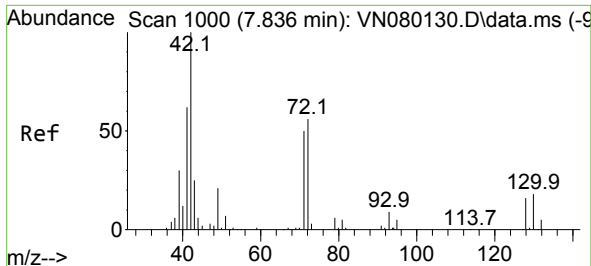
84 100

49 70.8 79.7 119.5#

51 26.0 25.2 37.8

86 28.4 53.3 79.9#





#29

Tetrahydrofuran

Concen: 0.252 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.024 min

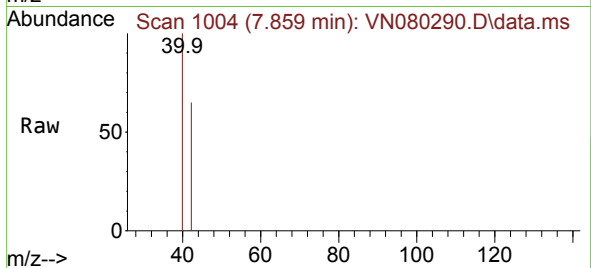
Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

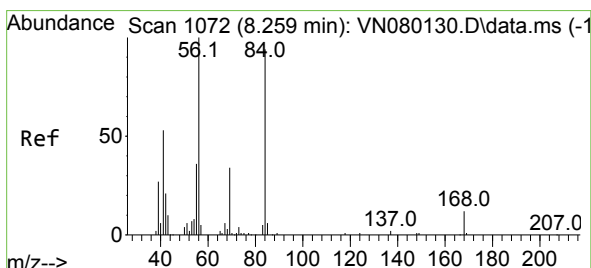
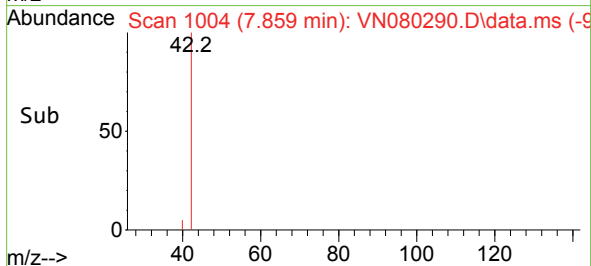
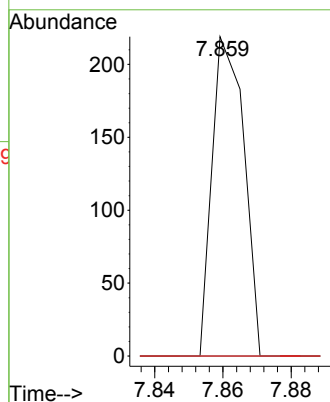
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	142
Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.8	74.6#
71	0.0	47.4	71.2#



#31

Cyclohexane

Concen: 1.250 ug/l

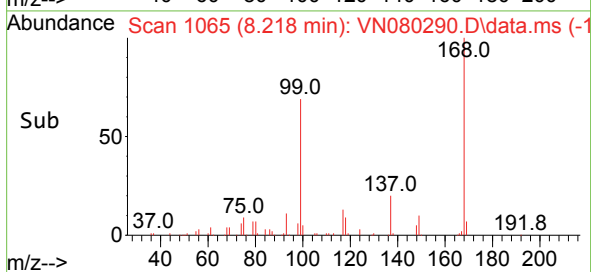
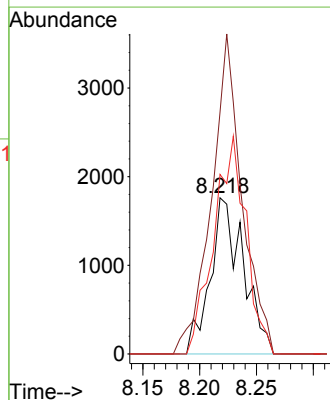
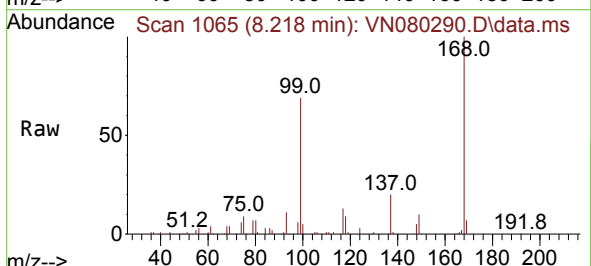
RT: 8.218 min Scan# 1065

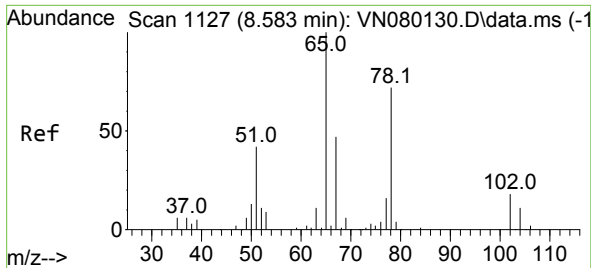
Delta R.T. -0.041 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

Tgt Ion:	56	Resp:	3572
Ion	Ratio	Lower	Upper
56	100		
69	154.9	26.8	40.2#
84	114.9	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 54.540 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

Instrument :

MSVOA_N

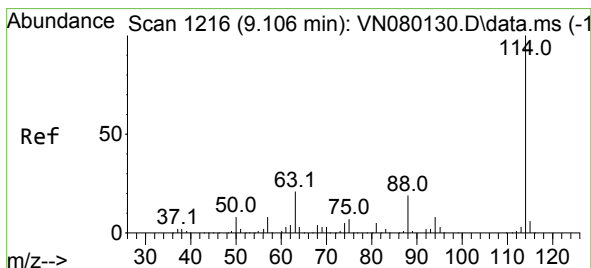
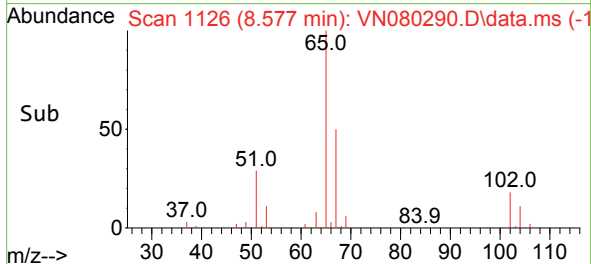
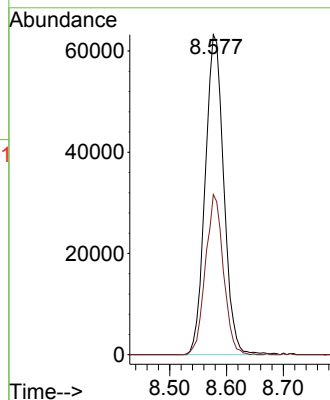
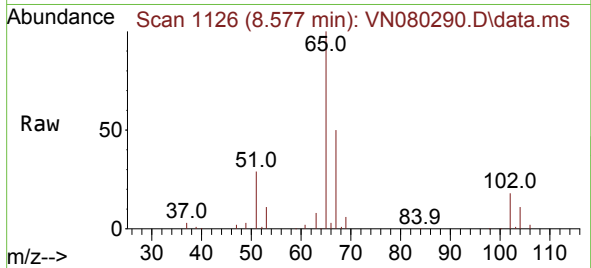
ClientSampleId :

Tgt Ion: 65 Resp: 143360

Ion Ratio Lower Upper

65 100

67 48.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

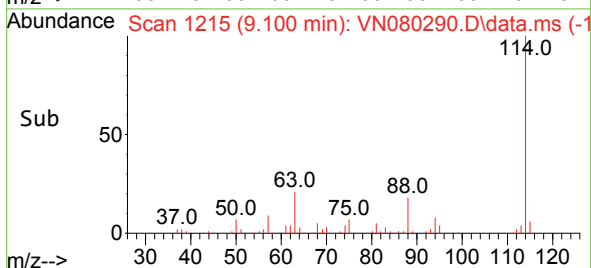
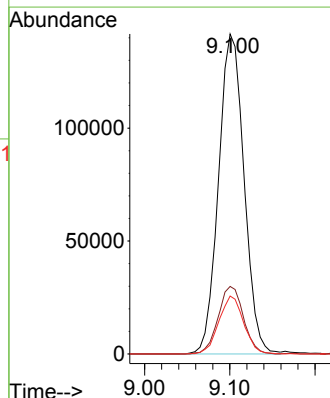
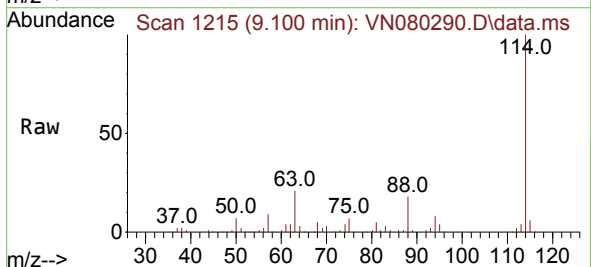
Tgt Ion: 114 Resp: 294512

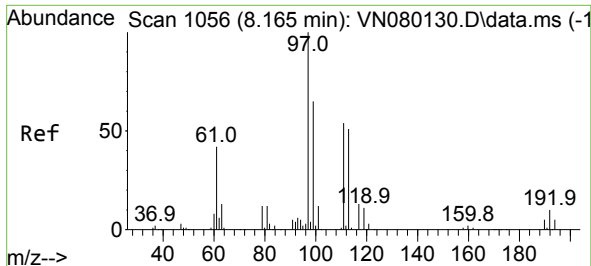
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

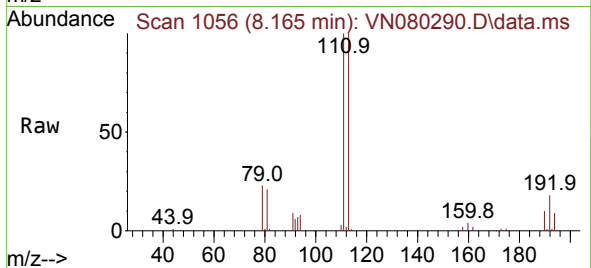
88 18.1 0.0 30.6



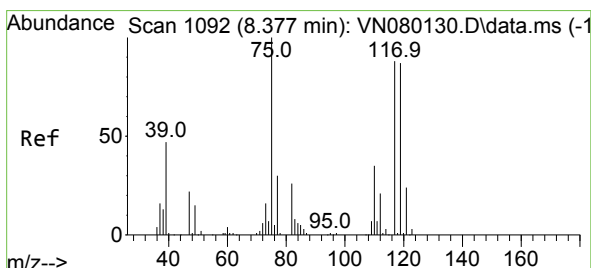
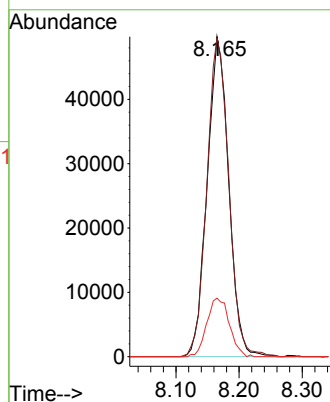
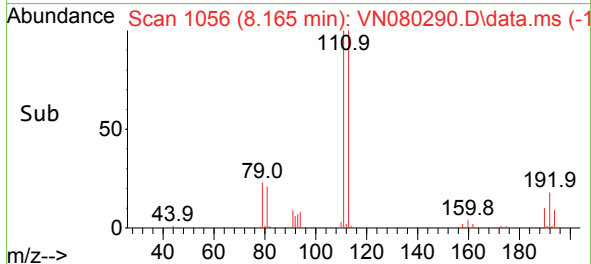


#35
Dibromofluoromethane
Concen: 54.136 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :

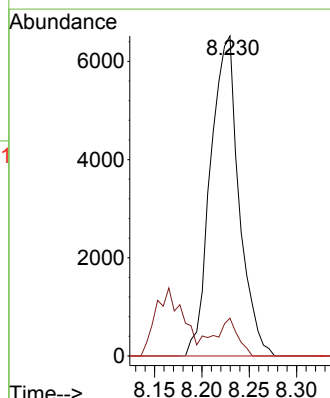
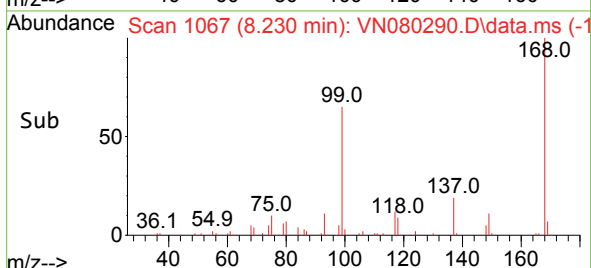
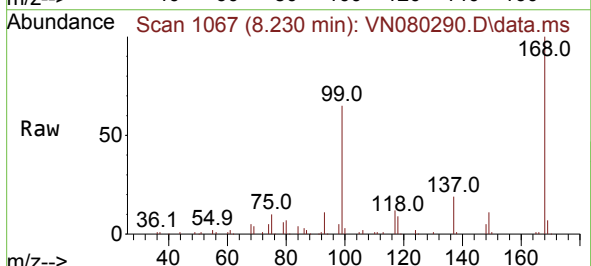


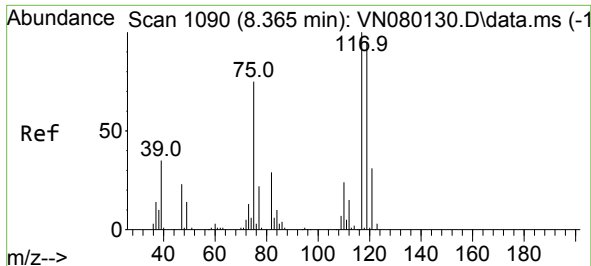
Tgt Ion:113 Resp: 117643
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 19.1 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.337 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

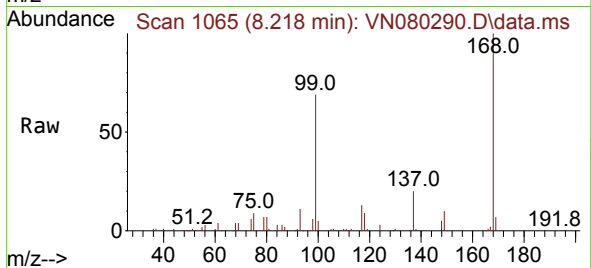
Tgt Ion: 75 Resp: 13646
Ion Ratio Lower Upper
75 100
110 8.2 19.1 57.3#
77 0.0 25.0 37.4#



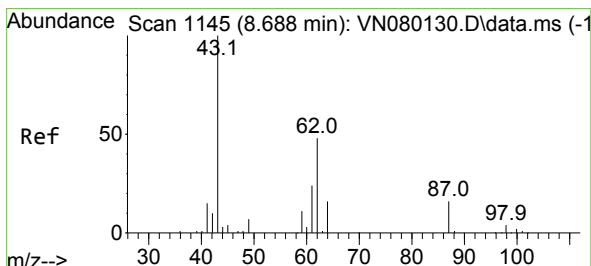
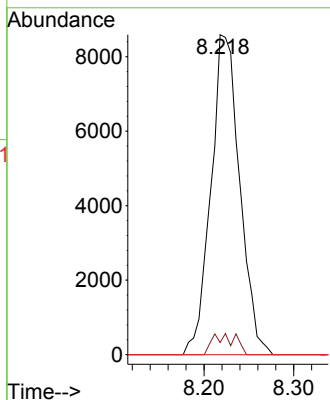
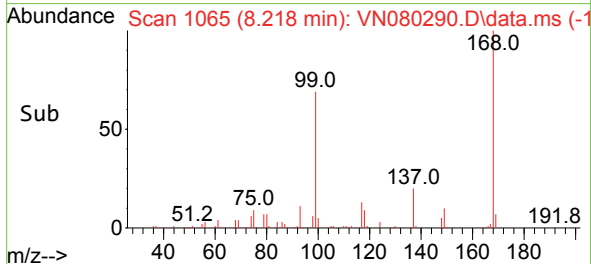


#38
Carbon Tetrachloride
Concen: 4.803 ug/l
RT: 8.218 min Scan# 1158
Delta R.T. -0.147 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :

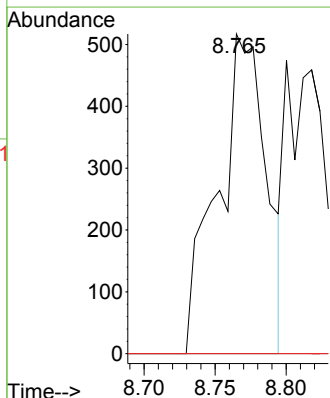
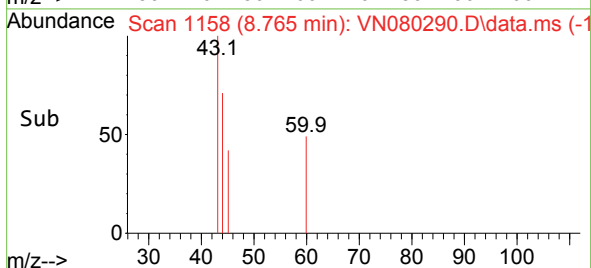
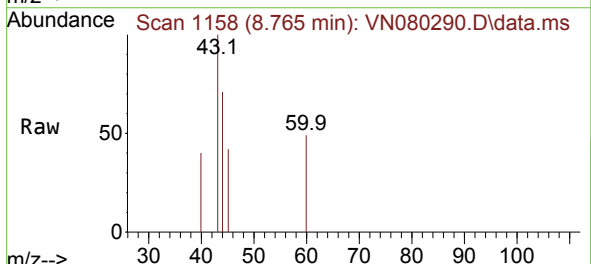


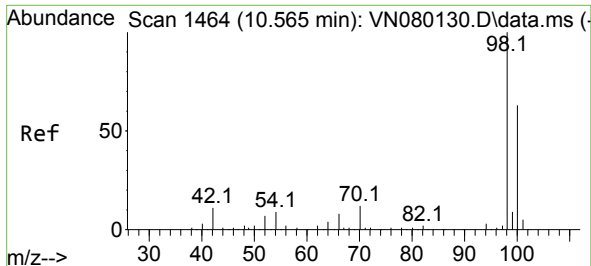
Tgt Ion:117 Resp: 19176
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.288 ug/l
RT: 8.765 min Scan# 1158
Delta R.T. 0.076 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

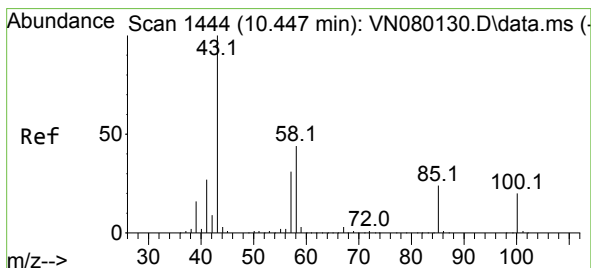
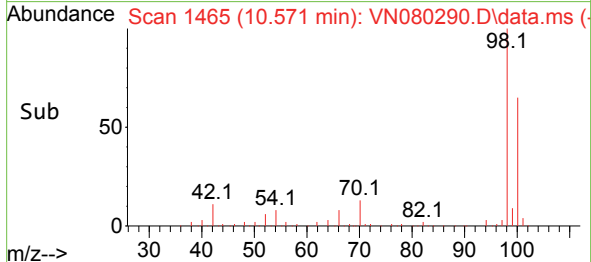
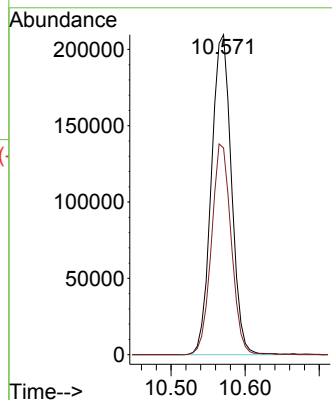
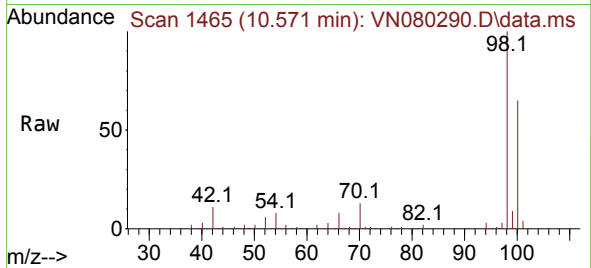




#50
Toluene-d8
Concen: 50.293 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

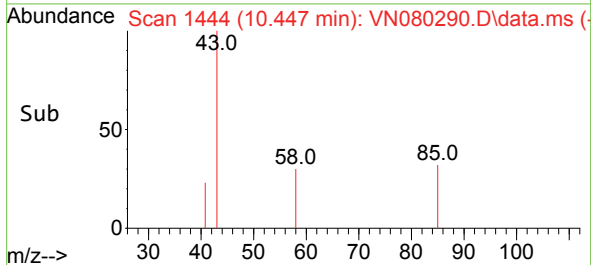
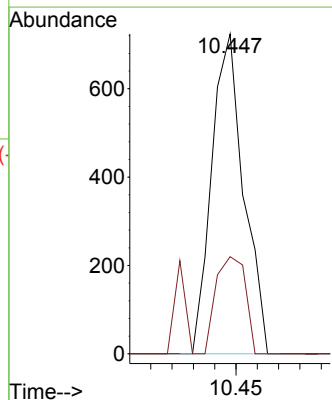
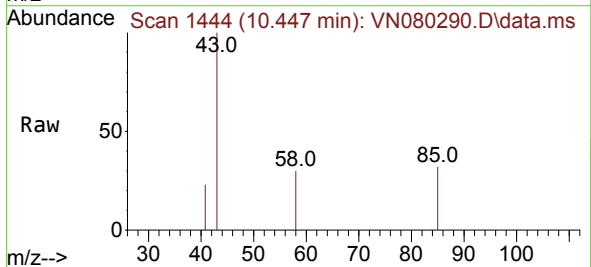
Instrument :
MSVOA_N
ClientSampleId :

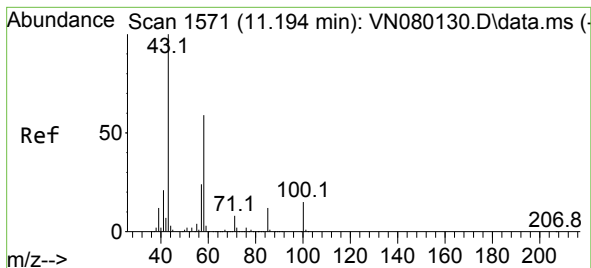
Tgt Ion: 98 Resp: 393978
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.344 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

Tgt Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
58 28.0 36.6 54.8#

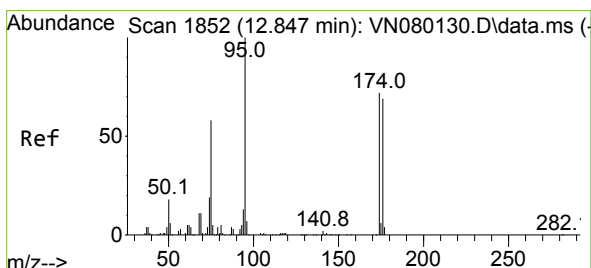
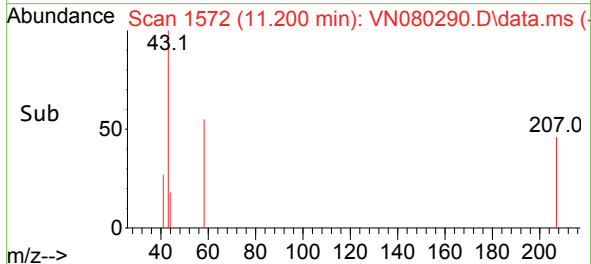
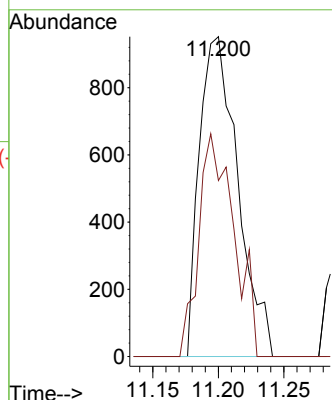
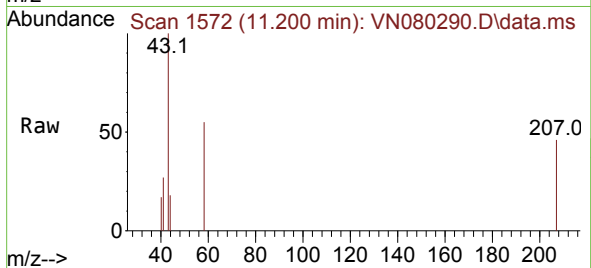




#59
2-Hexanone
Concen: 1.098 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

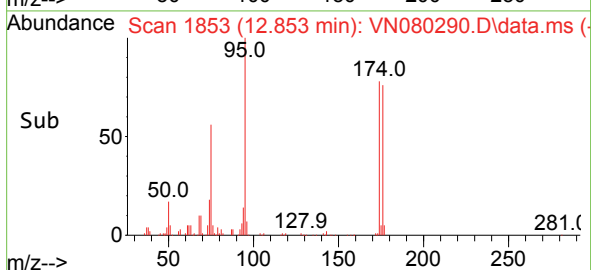
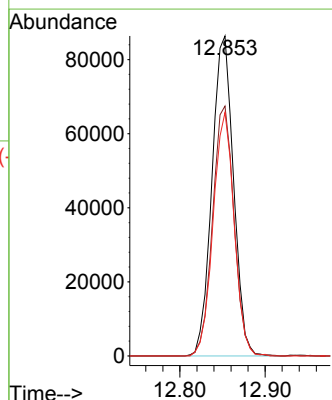
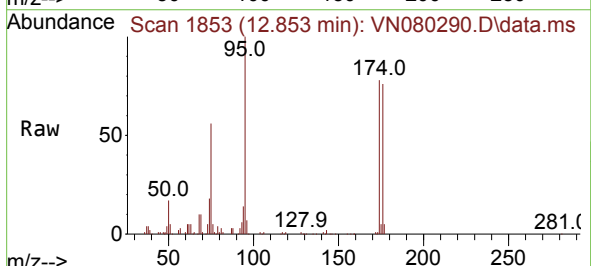
Instrument :
MSVOA_N
ClientSampleId :

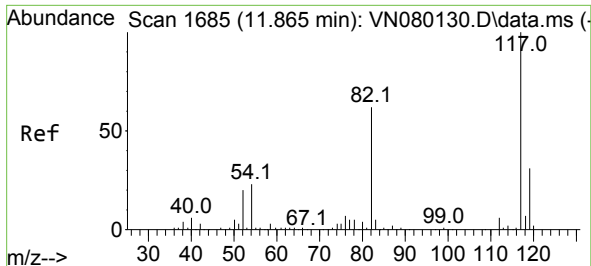
Tgt Ion: 43 Resp: 1940
Ion Ratio Lower Upper
43 100
58 63.8 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 51.263 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

Tgt Ion: 95 Resp: 151682
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 74.1 0.0 135.8

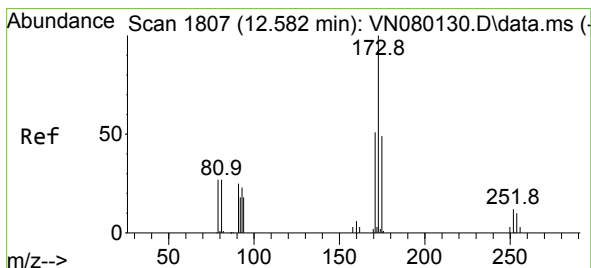
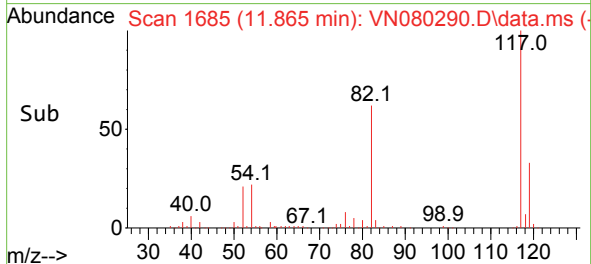
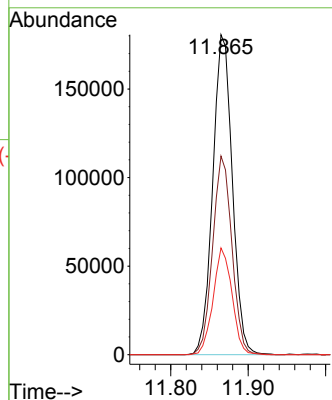
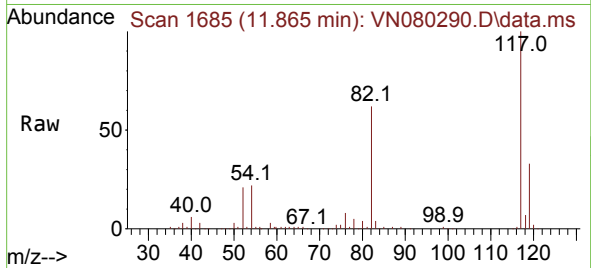




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

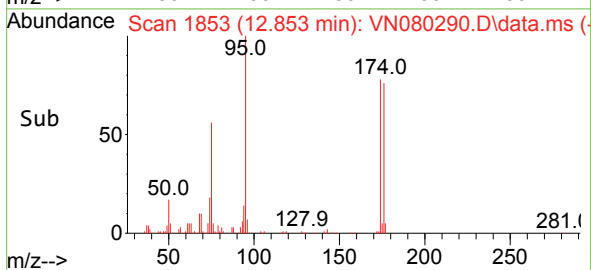
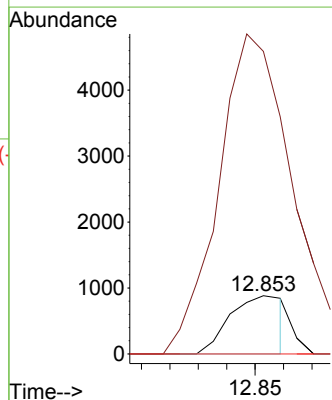
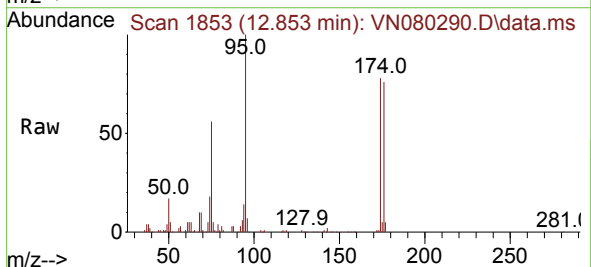
Instrument :
MSVOA_N
ClientSampleId :

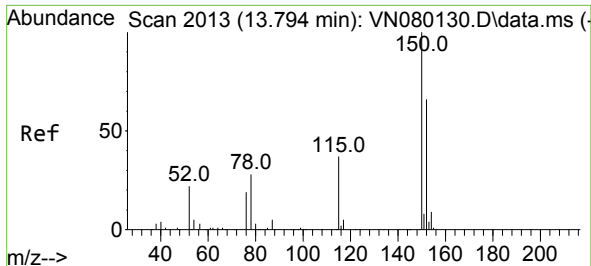
Tgt Ion:117 Resp: 317113
Ion Ratio Lower Upper
117 100
82 62.0 44.0 66.0
119 33.4 25.6 38.4



#71
Bromoform
Concen: 0.564 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

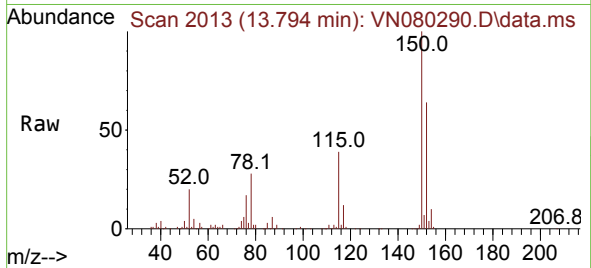
Tgt Ion:173 Resp: 1167
Ion Ratio Lower Upper
173 100
175 611.3 24.3 73.0#
254 0.0 0.0 0.0



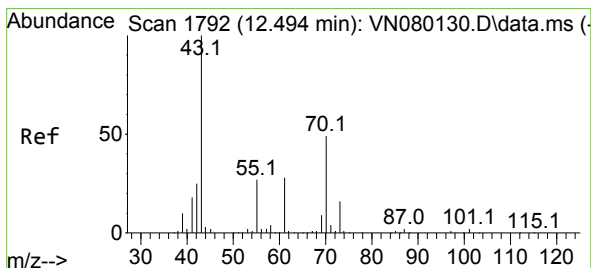
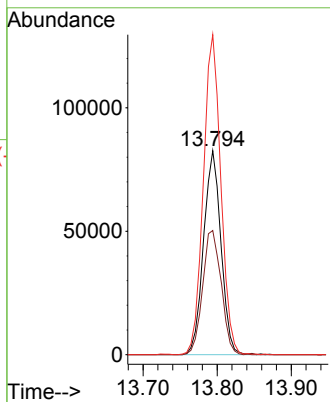
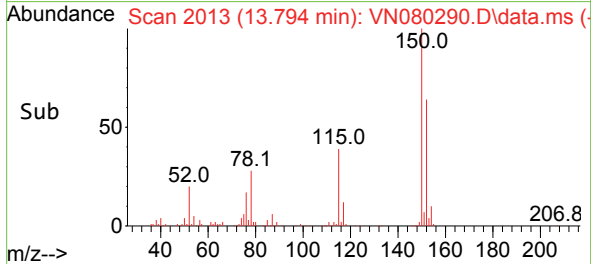


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080290.D
 Acq: 28 Nov 2023 12:18

Instrument :
 MSVOA_N
 ClientSampleId :

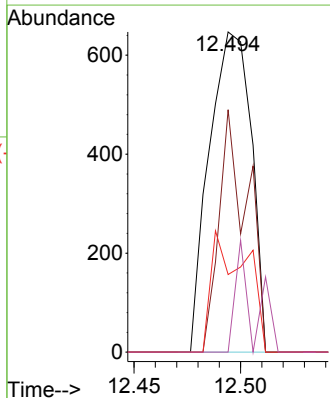
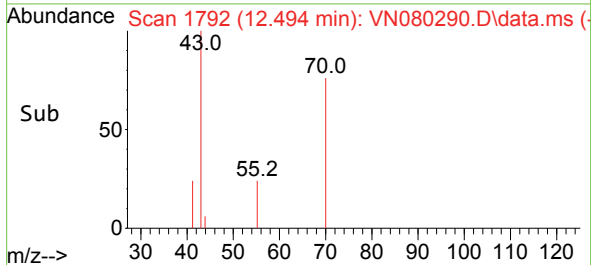
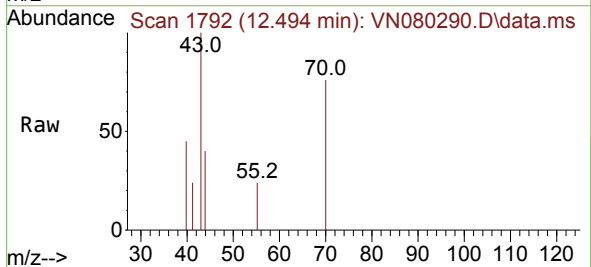


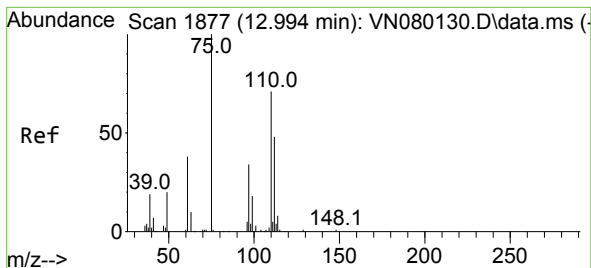
Tgt Ion:152 Resp: 134769
 Ion Ratio Lower Upper
 152 100
 115 64.7 32.3 96.8
 150 157.5 0.0 355.8



#74
 N-ethyl acetate
 Concen: 0.272 ug/l
 RT: 12.494 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VN080290.D
 Acq: 28 Nov 2023 12:18

Tgt Ion: 43 Resp: 887
 Ion Ratio Lower Upper
 43 100
 70 51.2 43.4 65.2
 55 31.0 21.4 32.0
 61 15.0 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 24.848 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

Instrument :

MSVOA_N

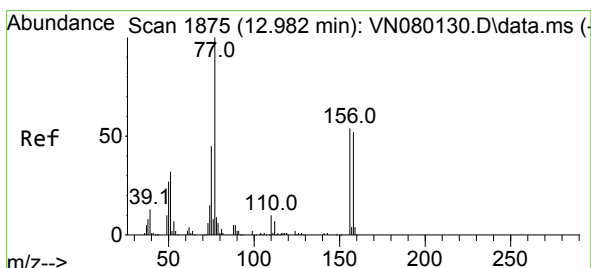
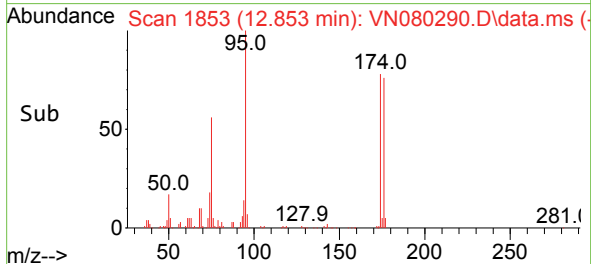
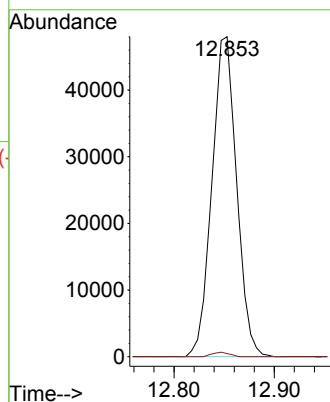
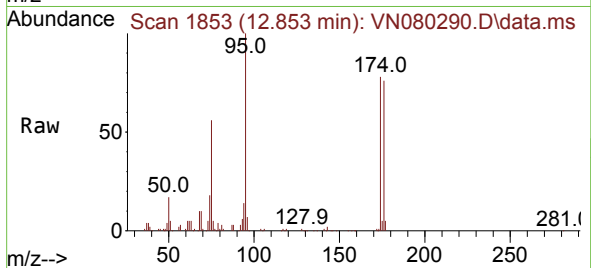
ClientSampleId :

Tgt Ion: 75 Resp: 82050

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#



#77

Bromobenzene

Concen: 0.218 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

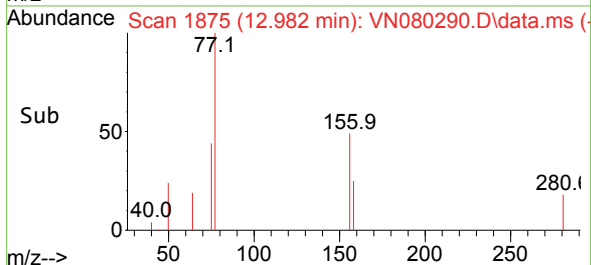
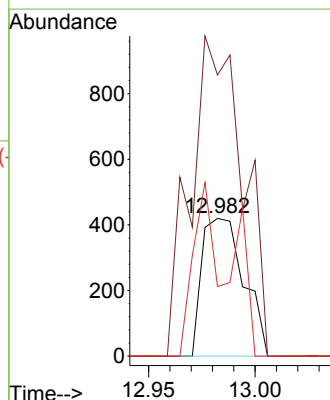
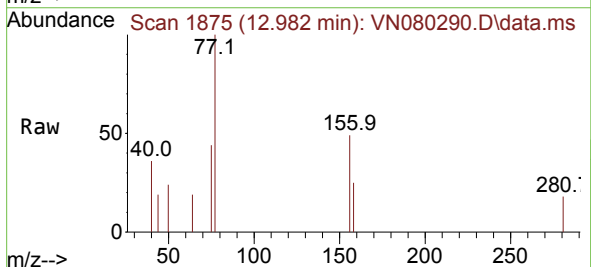
Tgt Ion: 156 Resp: 576

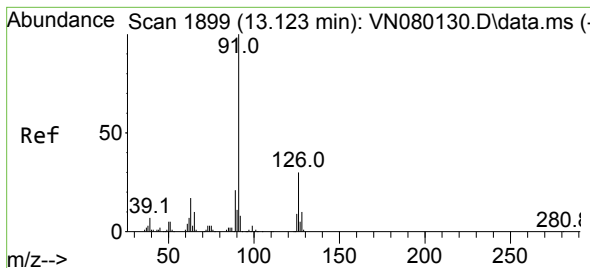
Ion Ratio Lower Upper

156 100

77 289.9 107.7 323.3

158 105.6 48.4 145.3





#79

2-Chlorotoluene

Concen: 0.266 ug/l

RT: 13.218 min Scan# 1915

Delta R.T. 0.094 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

Instrument :

MSVOA_N

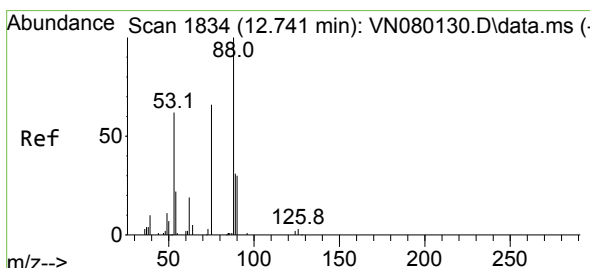
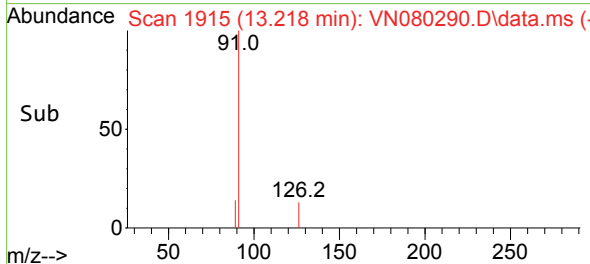
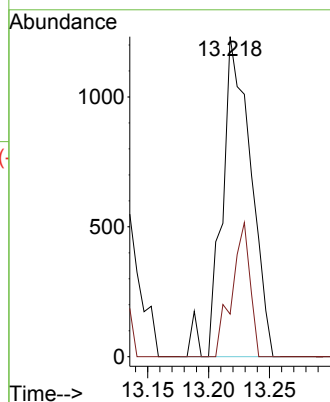
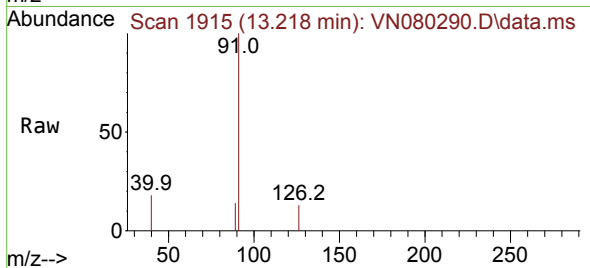
ClientSampleId :

Tgt Ion: 91 Resp: 2026

Ion Ratio Lower Upper

91 100

126 26.4 16.3 48.8



#81

trans-1,4-Dichloro-2-butene

Concen: 83.951 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

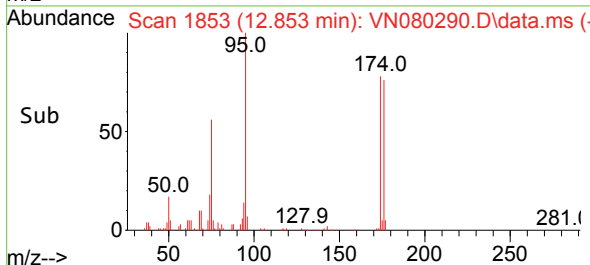
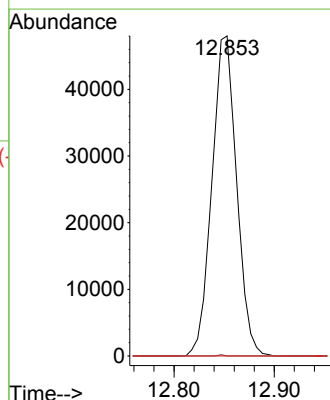
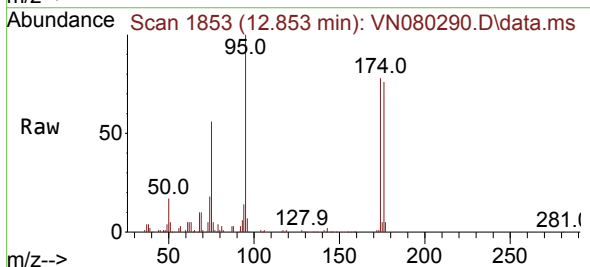
Tgt Ion: 75 Resp: 82050

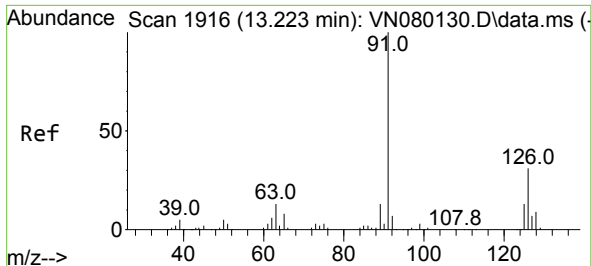
Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

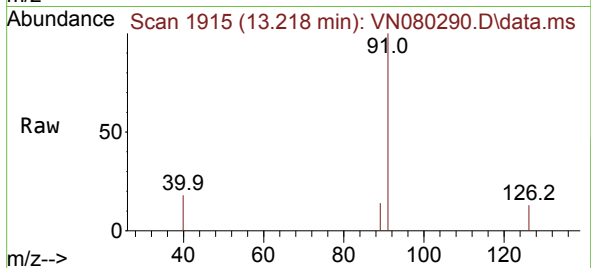
89 0.0 38.8 58.2#



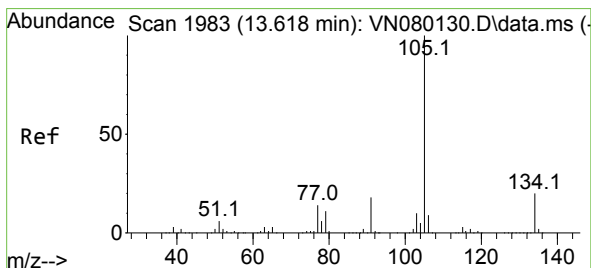
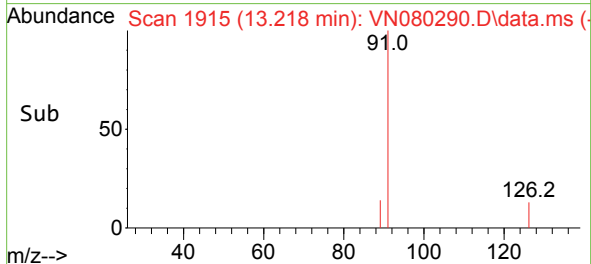
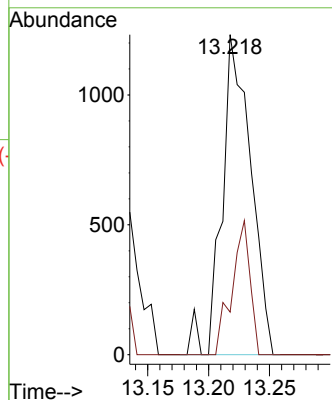


#82
4-Chlorotoluene
Concen: 0.260 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :

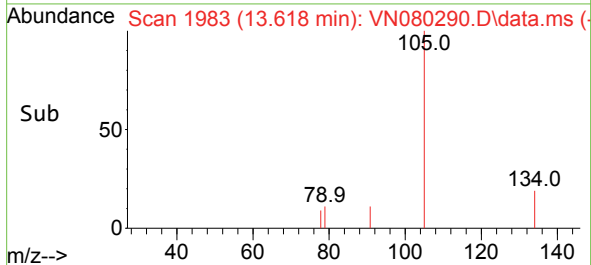
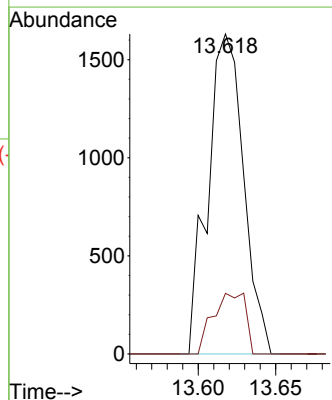
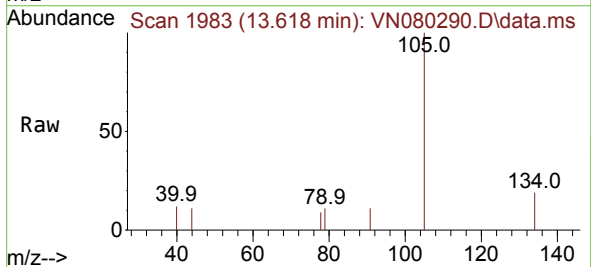


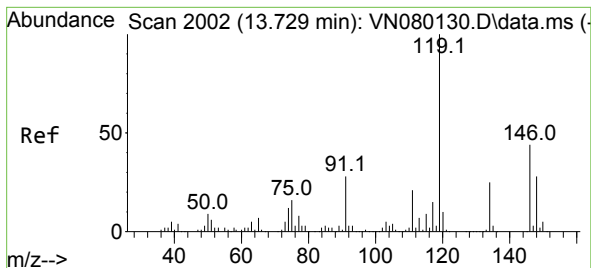
Tgt Ion: 91 Resp: 2026
Ion Ratio Lower Upper
91 100
126 26.4 16.7 50.0



#85
sec-Butylbenzene
Concen: 0.283 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

Tgt Ion: 105 Resp: 2619
Ion Ratio Lower Upper
105 100
134 17.3 9.8 29.3





#86

p-Isopropyltoluene

Concen: 0.285 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

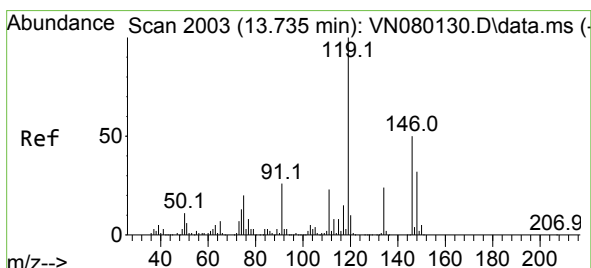
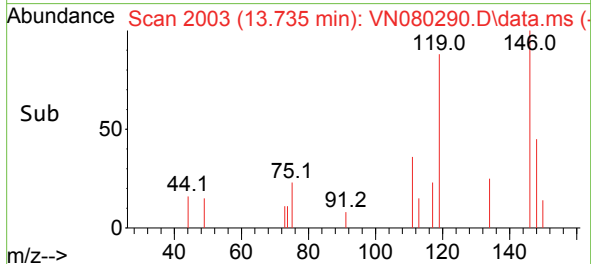
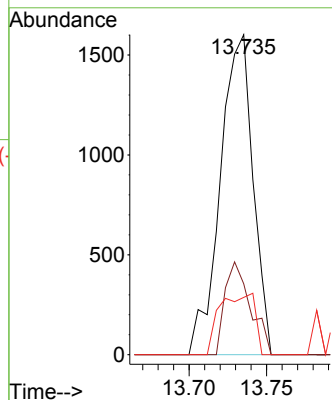
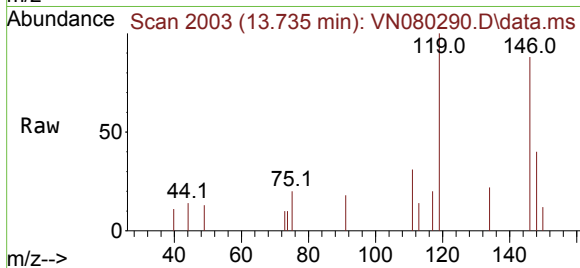
Tgt Ion:119 Resp: 2353

Ion Ratio Lower Upper

119 100

134 22.7 12.6 37.8

91 20.4 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 0.435 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

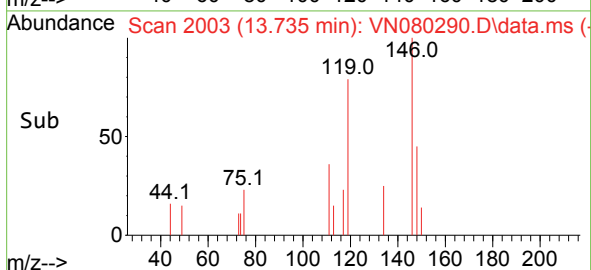
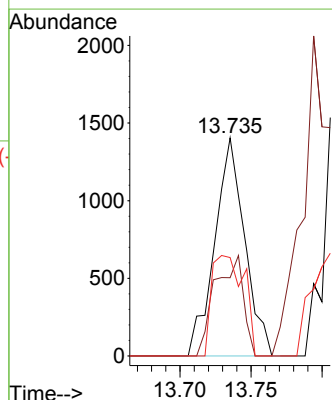
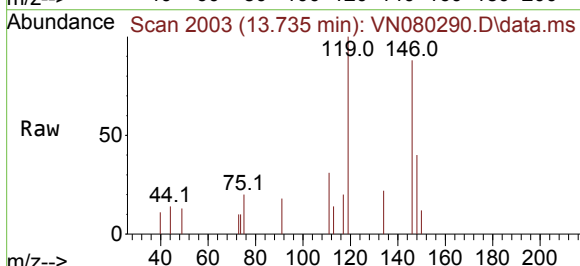
Tgt Ion:146 Resp: 2067

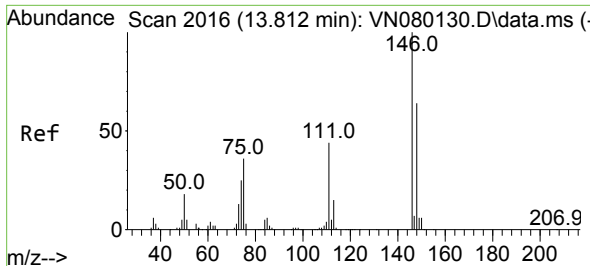
Ion Ratio Lower Upper

146 100

111 43.1 22.1 66.3

148 49.3 32.0 96.0

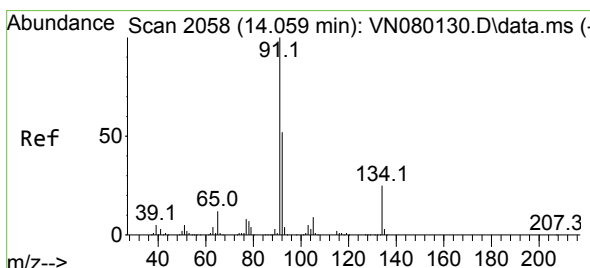
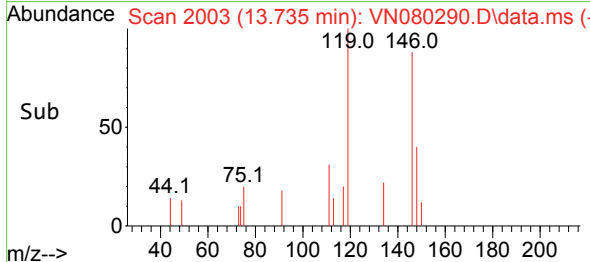
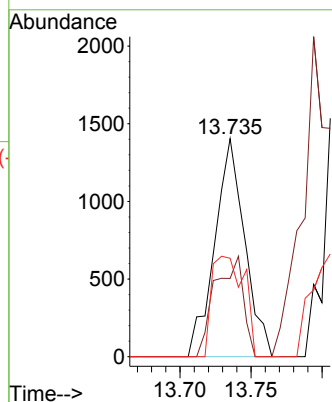
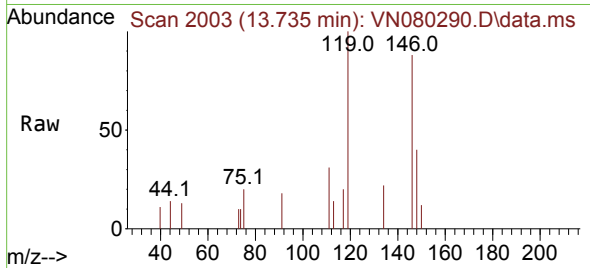




#88
1,4-Dichlorobenzene
Concen: 0.432 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.076 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

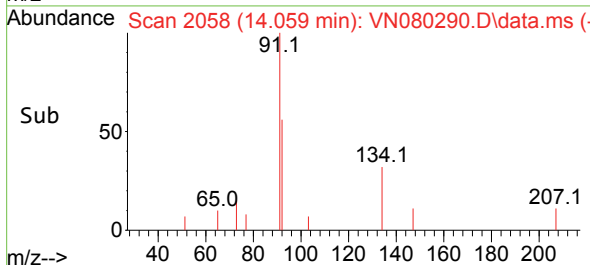
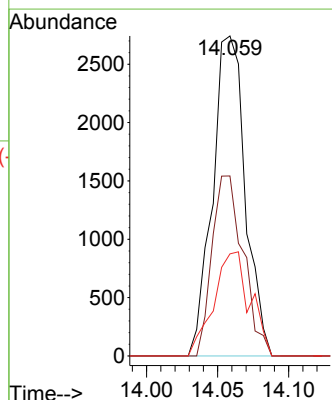
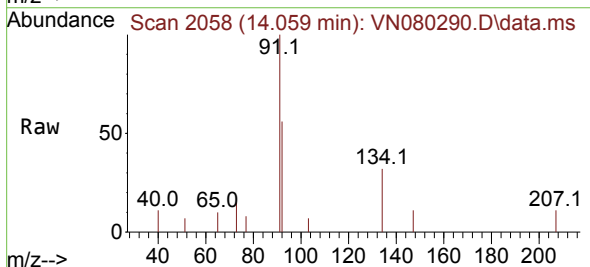
Instrument :
MSVOA_N
ClientSampleId :

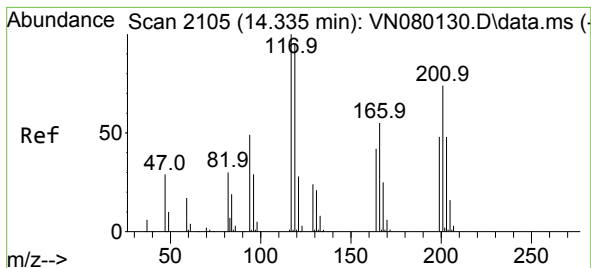
Tgt Ion:146 Resp: 2067
Ion Ratio Lower Upper
146 100
111 43.1 20.6 61.8
148 49.3 31.6 94.8



#89
n-Butylbenzene
Concen: 0.635 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080290.D
Acq: 28 Nov 2023 12:18

Tgt Ion: 91 Resp: 4392
Ion Ratio Lower Upper
91 100
92 53.6 26.4 79.0
134 36.0 12.6 37.6





#90

Hexachloroethane

Concen: 0.222 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

Instrument :

MSVOA_N

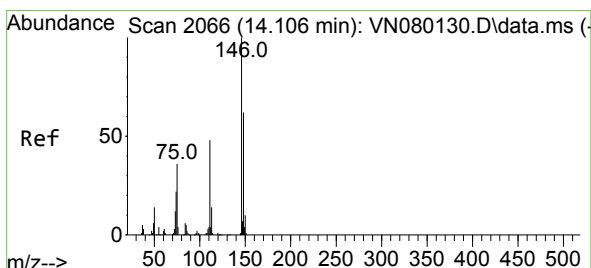
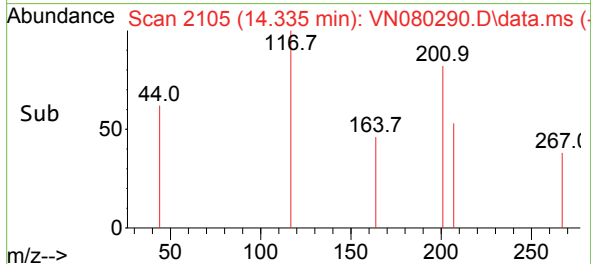
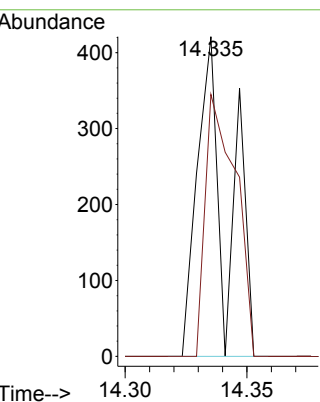
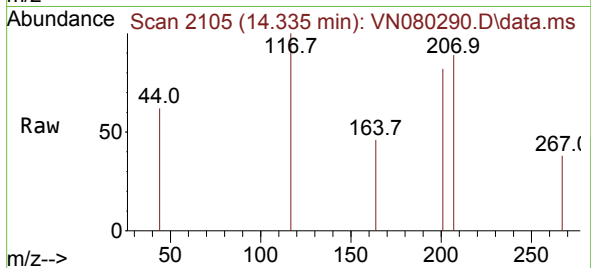
ClientSampleId :

Tgt Ion:117 Resp: 358

Ion Ratio Lower Upper

117 100

201 83.8 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 0.407 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

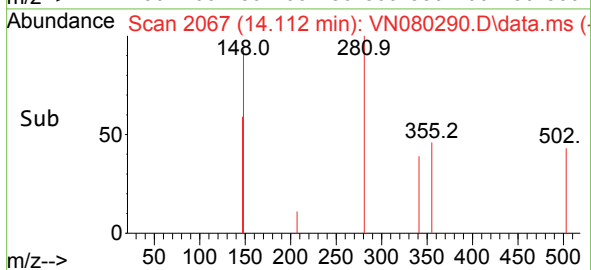
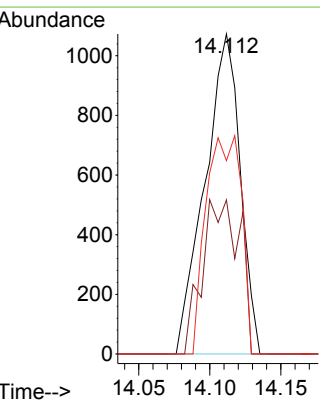
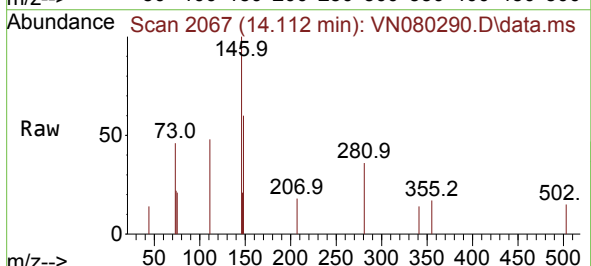
Tgt Ion:146 Resp: 1853

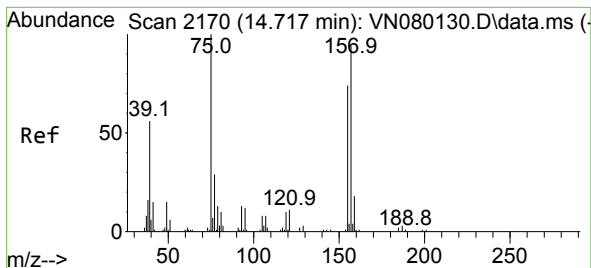
Ion Ratio Lower Upper

146 100

111 51.3 22.0 66.0

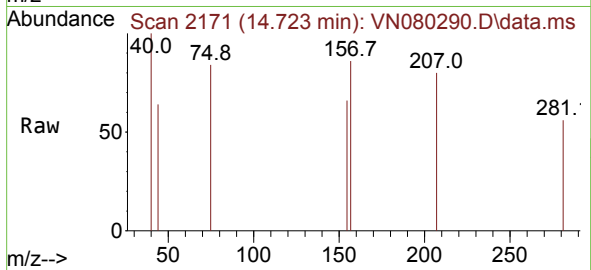
148 68.5 31.8 95.3



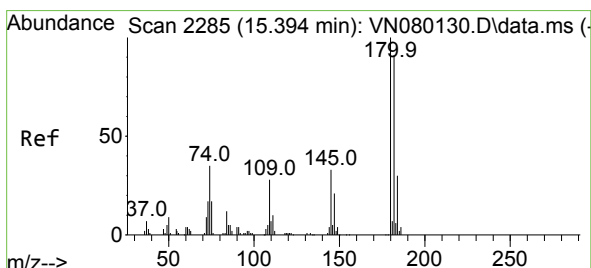
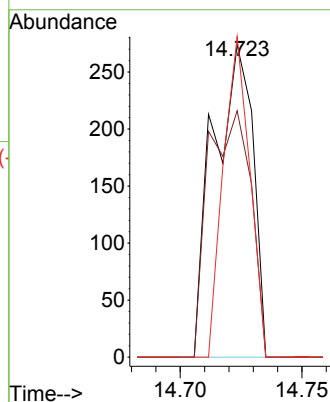
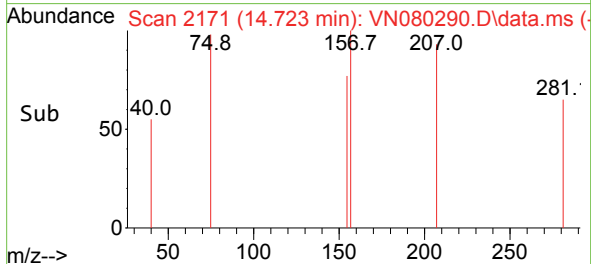


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.423 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN080290.D
 Acq: 28 Nov 2023 12:18

Instrument :
 MSVOA_N
 ClientSampleId :

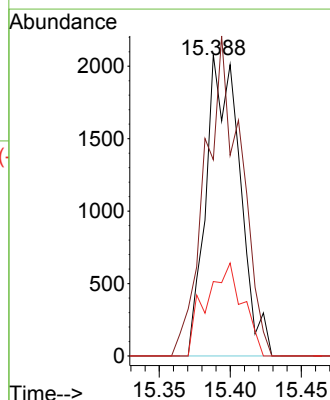
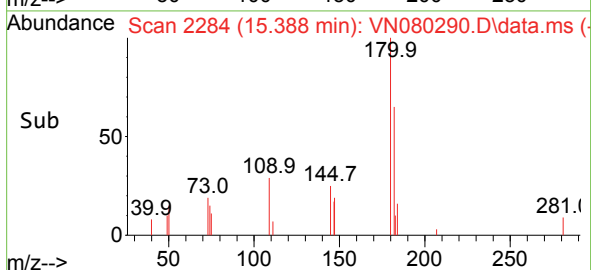
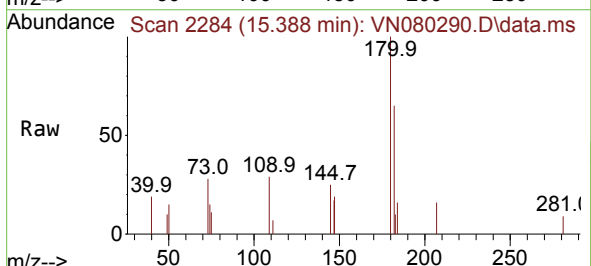


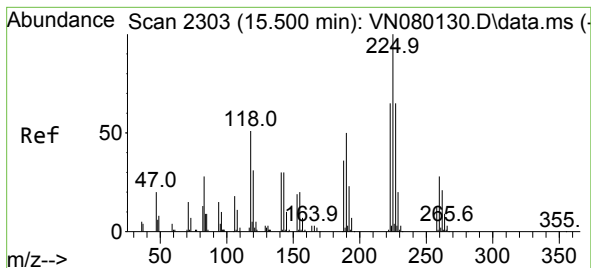
Tgt Ion: 75 Resp: 308
 Ion Ratio Lower Upper
 75 100
 155 85.1 39.1 117.2
 157 68.5 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 1.298 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. -0.006 min
 Lab File: VN080290.D
 Acq: 28 Nov 2023 12:18

Tgt Ion: 180 Resp: 3437
 Ion Ratio Lower Upper
 180 100
 182 112.2 46.1 138.2
 145 33.7 16.6 49.8





#94

Hexachlorobutadiene

Concen: 1.722 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

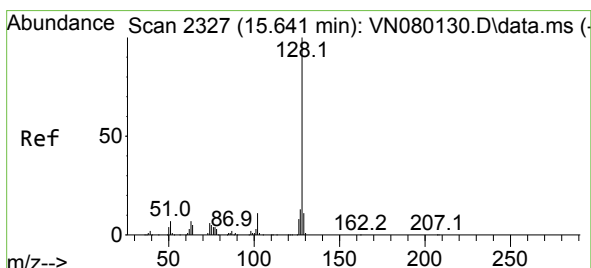
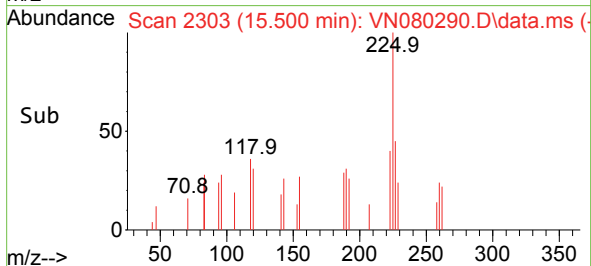
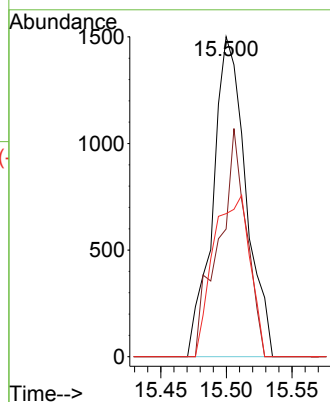
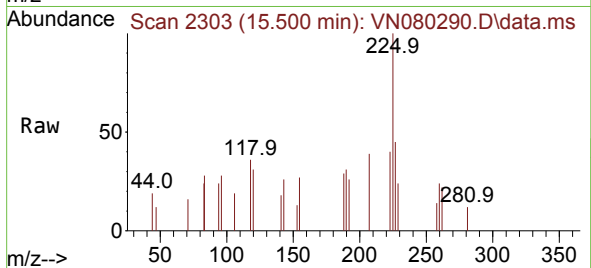
Tgt Ion:225 Resp: 2624

Ion Ratio Lower Upper

225 100

223 59.7 31.3 93.8

227 55.9 31.9 95.9



#95

Naphthalene

Concen: 1.995 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

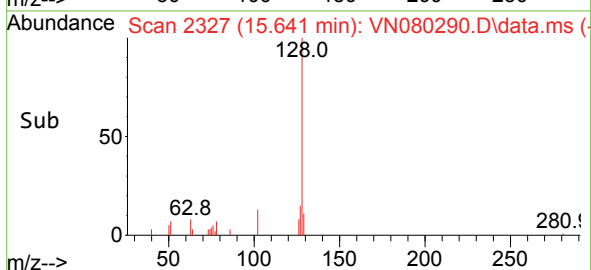
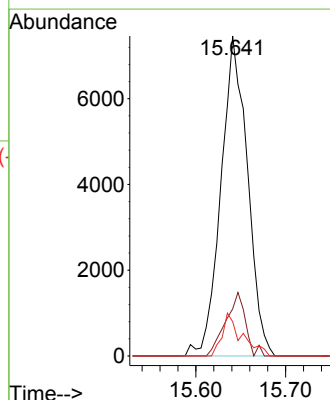
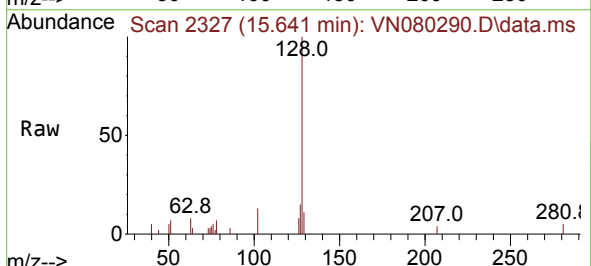
Tgt Ion:128 Resp: 15314

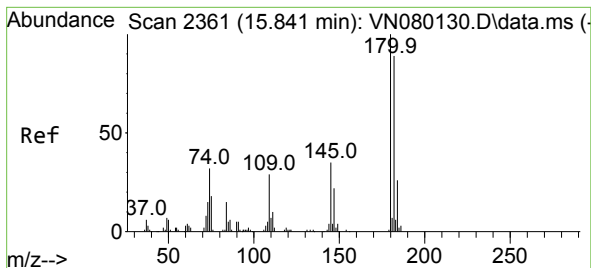
Ion Ratio Lower Upper

128 100

127 14.9 10.0 15.0

129 9.9 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 1.761 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.000 min

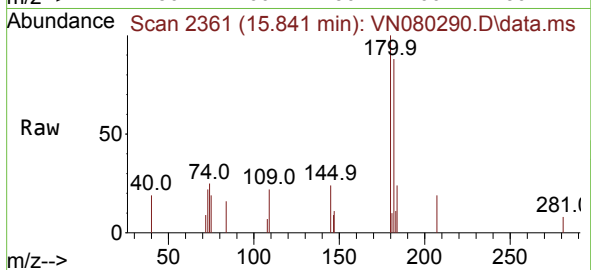
Lab File: VN080290.D

Acq: 28 Nov 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 4369

Ion Ratio Lower Upper

180 100

182 95.1 46.2 138.6

145 24.7 17.5 52.6

