

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
 Data File : VN080230.D
 Acq On : 21 Nov 2023 14:29
 Operator : JC\MD
 Sample : 05481-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 00:06:54 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	135343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	252370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126138	56.444	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.880%	
35) Dibromofluoromethane	8.165	113	94185	52.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.560%	
50) Toluene-d8	10.571	98	320836	49.400	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	12.853	95	128828	52.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.040%	

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	340	0.224	ug/l #	42
5) Bromomethane	2.971	94	557	0.512	ug/l	83
6) Chloroethane	3.095	64	446	Below Cal	#	43
10) Methyl Iodide	4.606	142	495	0.299	ug/l #	38
11) Tert butyl alcohol	5.495	59	227	0.924	ug/l #	72
13) Acrolein	4.195	56	67	0.308	ug/l #	16
16) Acetone	4.442	43	437	0.582	ug/l #	40
17) Carbon Disulfide	4.706	76	2120	0.496	ug/l #	75
20) Methylene Chloride	5.265	84	1172	0.746	ug/l #	67
30) Chloroform	7.959	83	1030	0.318	ug/l #	15
31) Cyclohexane	8.218	56	3689	1.518	ug/l #	30
36) 1,1-Dichloropropene	8.230	75	11102	4.256	ug/l #	42
38) Carbon Tetrachloride	8.224	117	17058	5.153	ug/l #	16
43) Isopropyl Acetate	8.741	43	1909	0.542	ug/l #	49
52) Toluene	10.630	92	1045	0.225	ug/l	82
59) 2-Hexanone	11.194	43	1000	0.683	ug/l	69
67) Ethyl Benzene	11.965	91	14171	1.393	ug/l	95
68) m/p-Xylenes	12.065	106	7233	1.950	ug/l	76
69) o-Xylene	12.400	106	8278	2.367	ug/l	90
70) Styrene	12.424	104	1073	0.206	ug/l #	26
73) Isopropylbenzene	12.694	105	4092	0.472	ug/l	95
76) 1,2,3-Trichloropropane	12.847	75	72470	26.519	ug/l #	1
78) n-propylbenzene	13.035	91	2165	0.223	ug/l	98
79) 2-Chlorotoluene	13.223	91	1429	0.227	ug/l	77
80) 1,3,5-Trimethylbenzene	13.176	105	7971	1.057	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	72470	89.596	ug/l #	15
82) 4-Chlorotoluene	13.223	91	1429	0.222	ug/l	75
84) 1,2,4-Trimethylbenzene	13.482	105	10304	1.387	ug/l	99
86) p-Isopropyltoluene	13.676	119	3561	0.521	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	1300	0.330	ug/l	86
88) 1,4-Dichlorobenzene	13.729	146	1300	0.329	ug/l	89
89) n-Butylbenzene	14.053	91	2777	0.485	ug/l #	76
90) Hexachloroethane	14.329	117	1117	0.838	ug/l #	21
91) 1,2-Dichlorobenzene	14.112	146	1285	0.341	ug/l	77
93) 1,2,4-Trichlorobenzene	15.394	180	2327	1.062	ug/l	89
94) Hexachlorobutadiene	15.500	225	1212	0.961	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

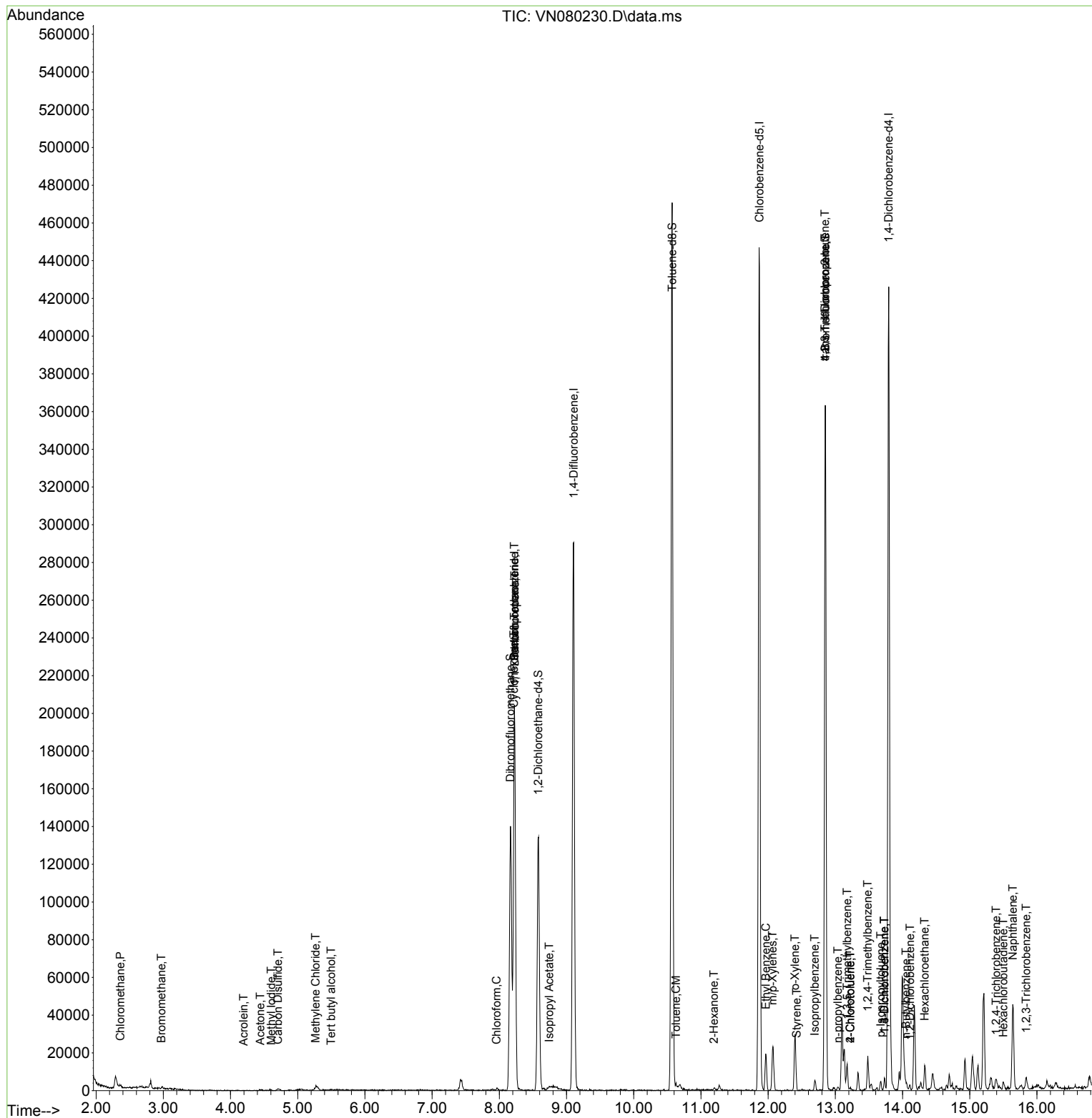
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.641	128	41440	6.522	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	2451	1.193	ug/l	82

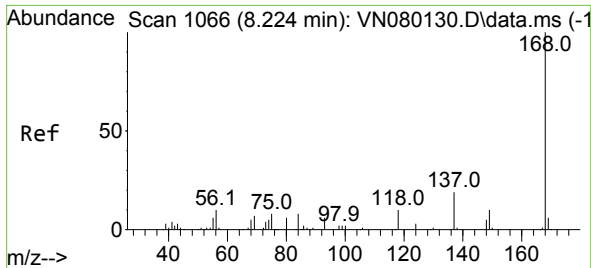
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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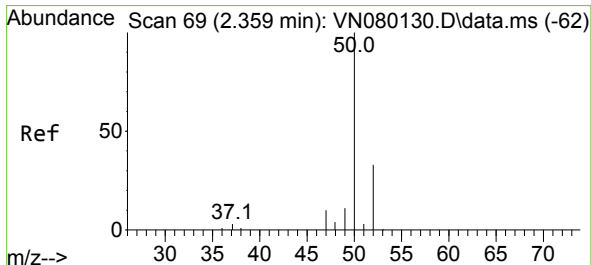
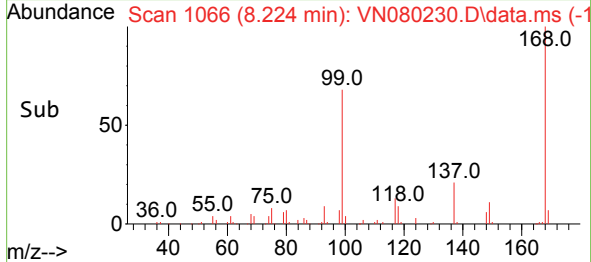
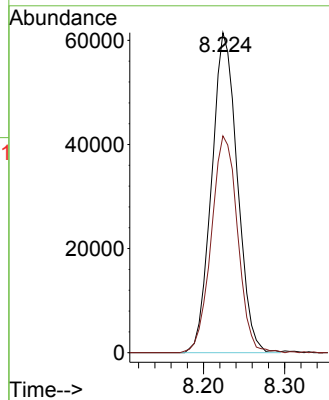
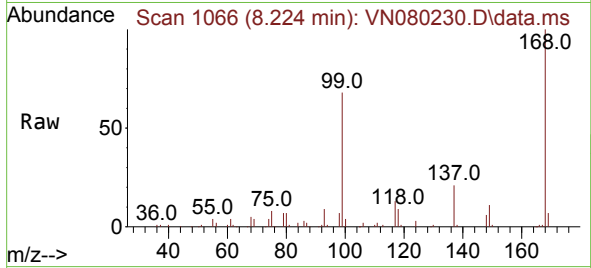




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

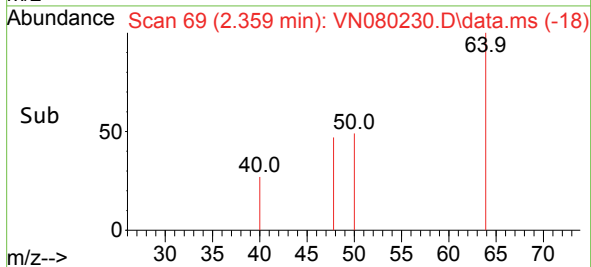
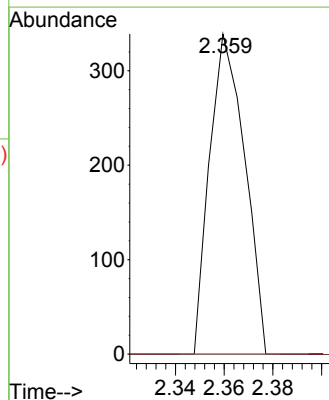
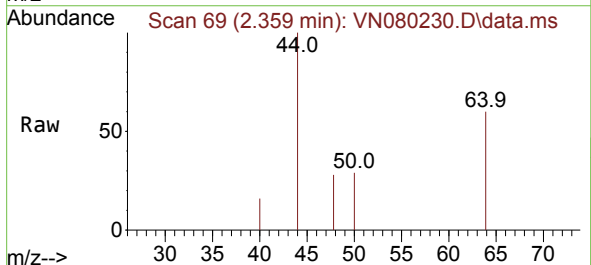
Instrument :
MSVOA_N
ClientSampleId :

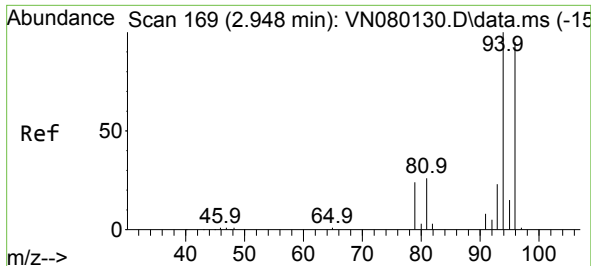
Tgt Ion:168 Resp: 135343
Ion Ratio Lower Upper
168 100
99 67.7 53.0 79.6



#3
Chloromethane
Concen: 0.224 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

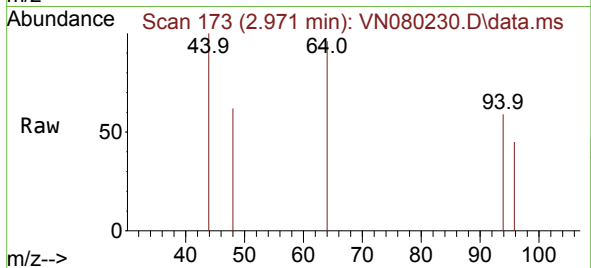
Tgt Ion: 50 Resp: 340
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



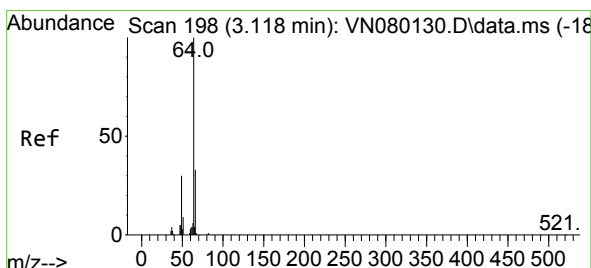
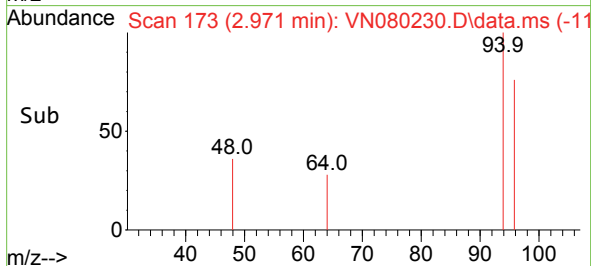
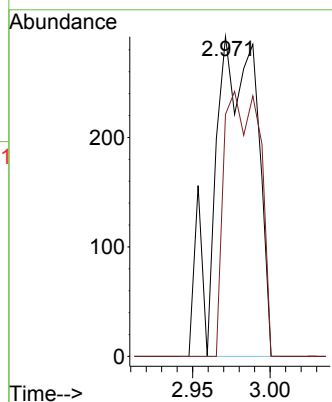


#5
Bromomethane
Concen: 0.512 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :

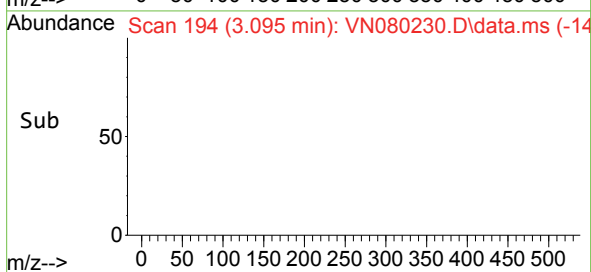
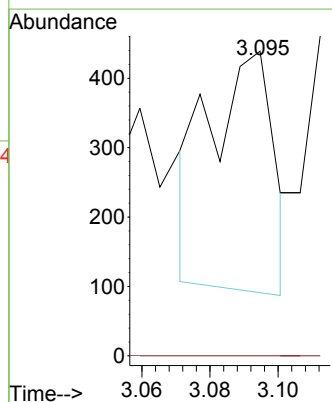
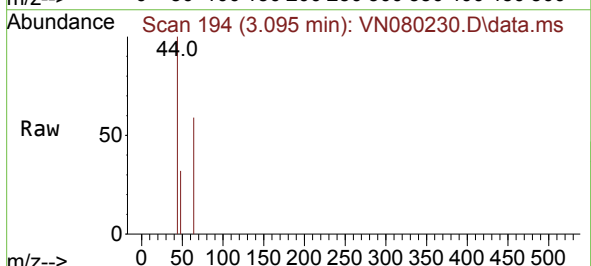


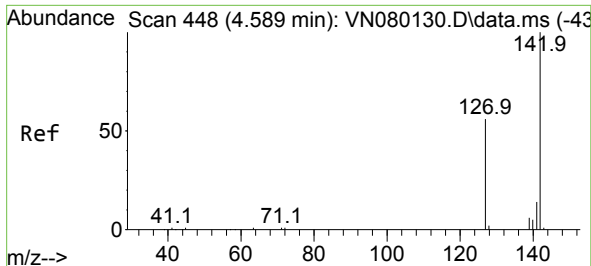
Tgt Ion: 94 Resp: 557
Ion Ratio Lower Upper
94 100
96 75.7 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.095 min Scan# 194
Delta R.T. -0.023 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

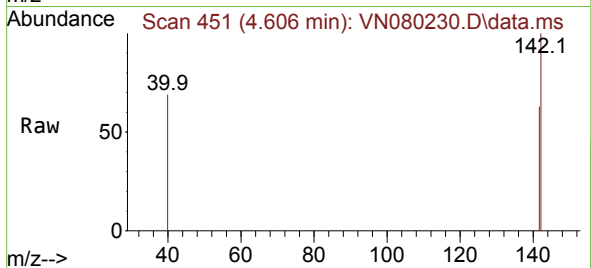
Tgt Ion: 64 Resp: 446
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



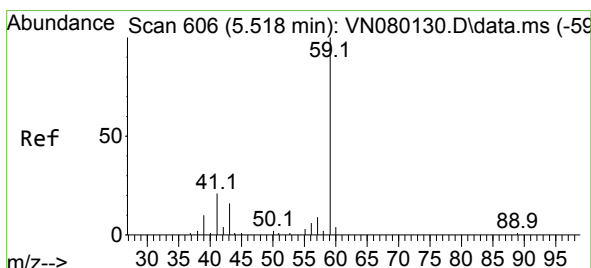
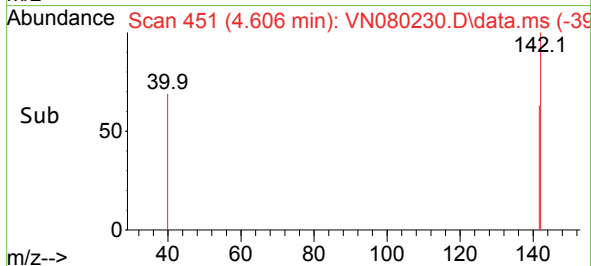
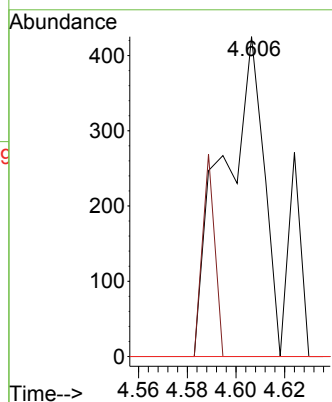


#10
Methyl Iodide
Concen: 0.299 ug/l
RT: 4.606 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :

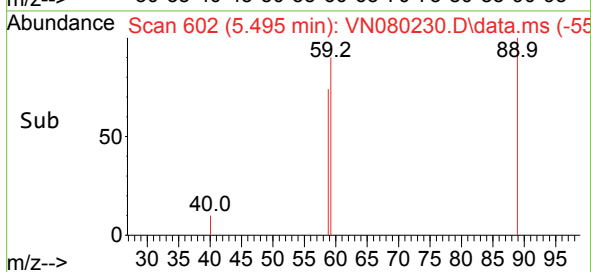
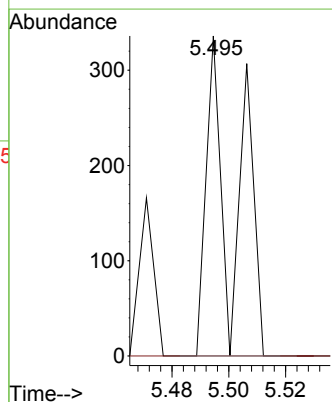
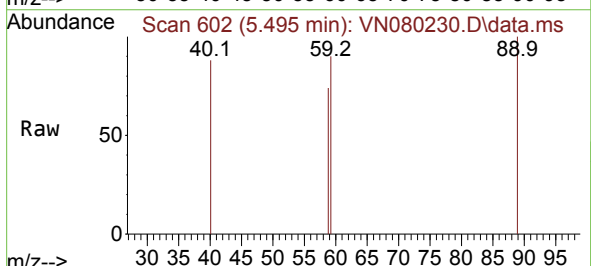


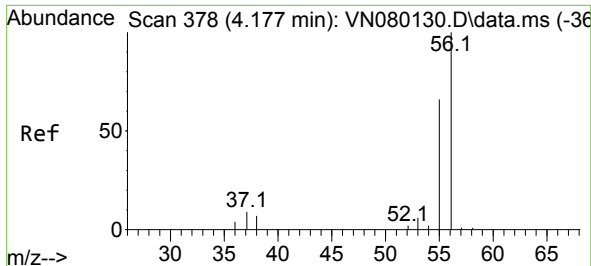
Tgt Ion:142 Resp: 495
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.924 ug/l
RT: 5.495 min Scan# 602
Delta R.T. -0.024 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

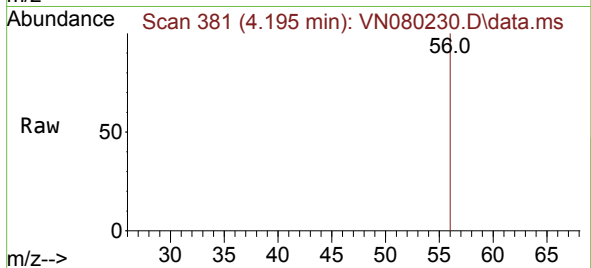
Tgt Ion: 59 Resp: 227
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



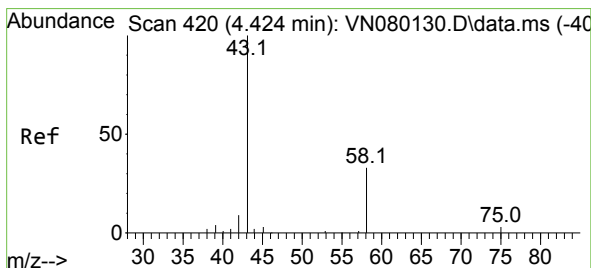
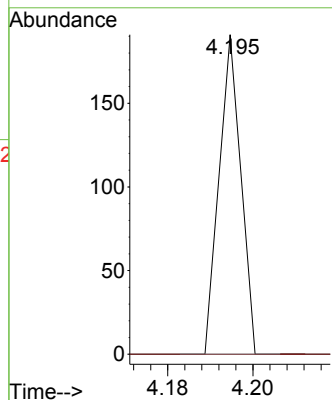


#13
Acrolein
Concen: 0.308 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :

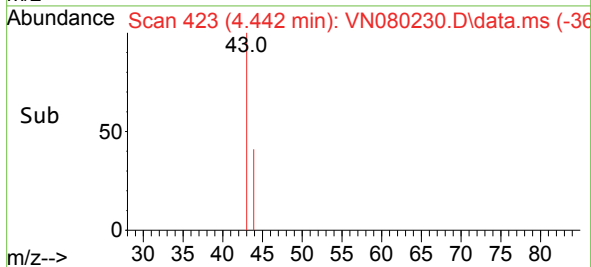
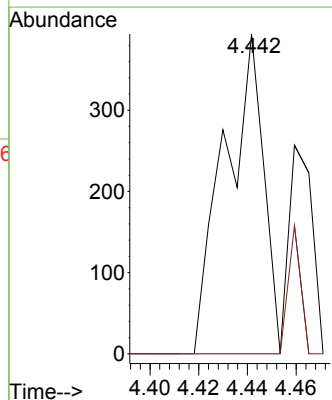
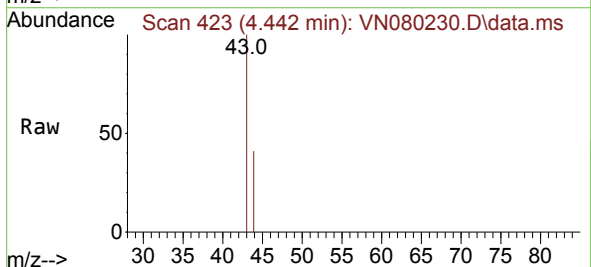


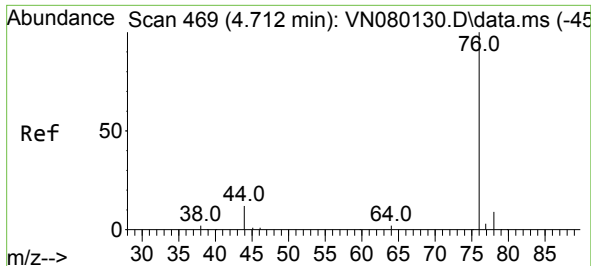
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#16
Acetone
Concen: 0.582 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

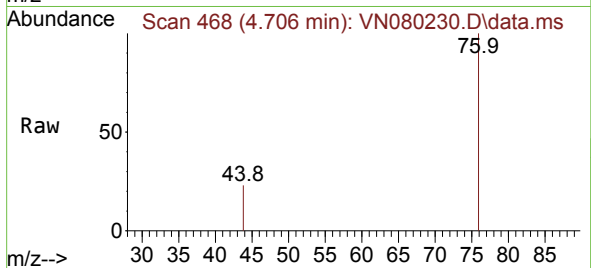
Tgt Ion: 43 Resp: 437
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



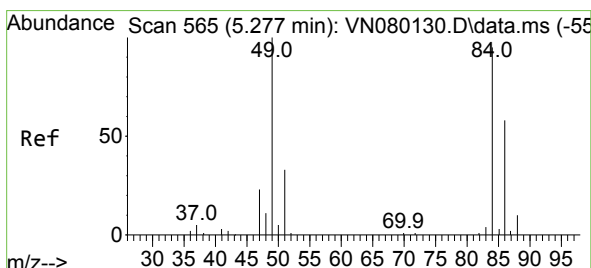
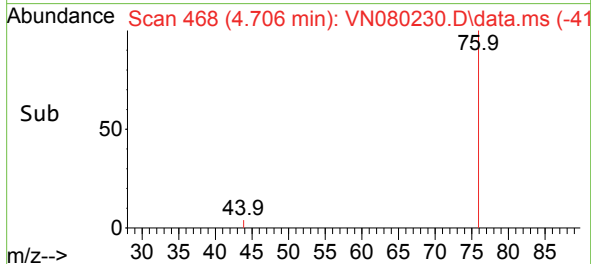
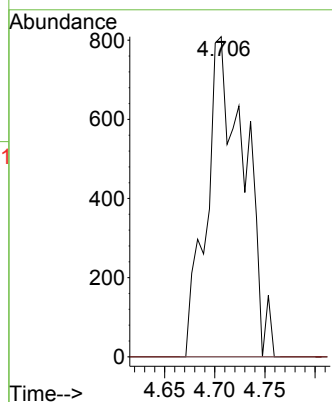


#17
Carbon Disulfide
Concen: 0.496 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :

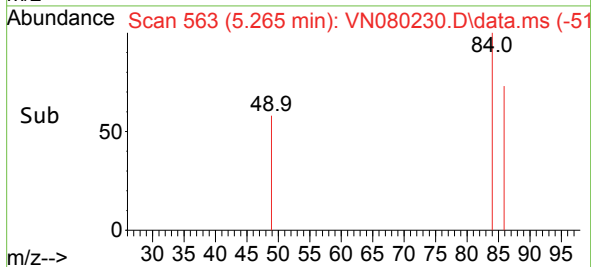
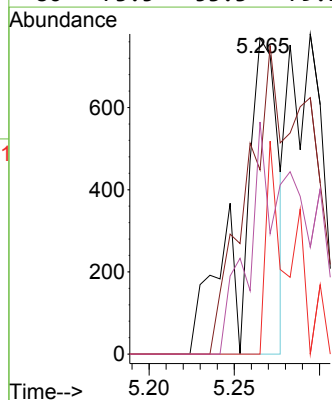
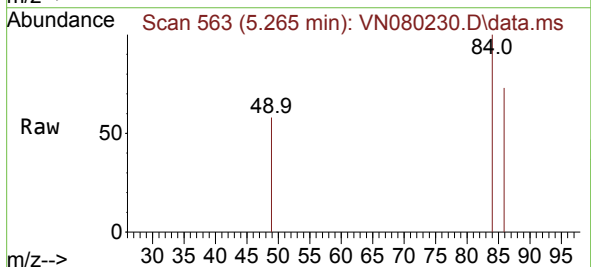


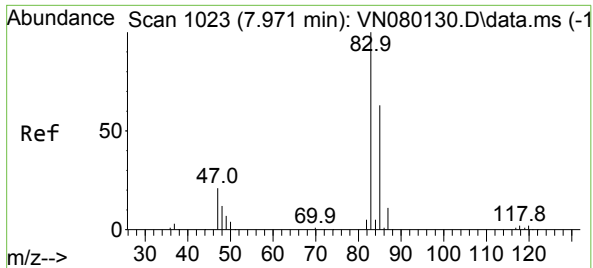
Tgt Ion: 76 Resp: 2120
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#20
Methylene Chloride
Concen: 0.746 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Tgt Ion: 84 Resp: 1172
Ion Ratio Lower Upper
84 100
49 58.3 79.7 119.5#
51 0.0 25.2 37.8#
86 73.5 53.3 79.9

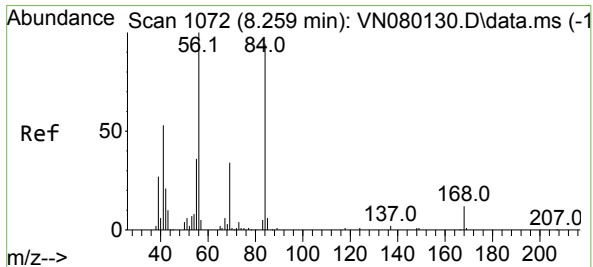
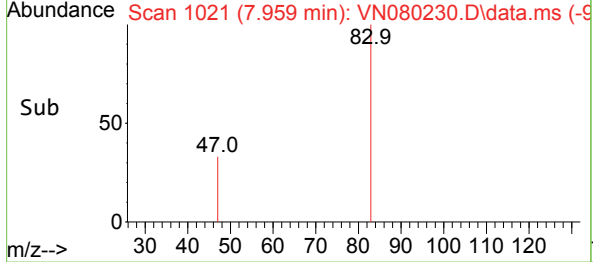
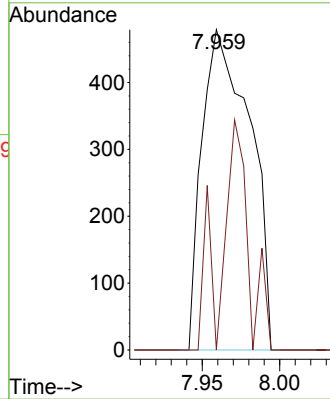
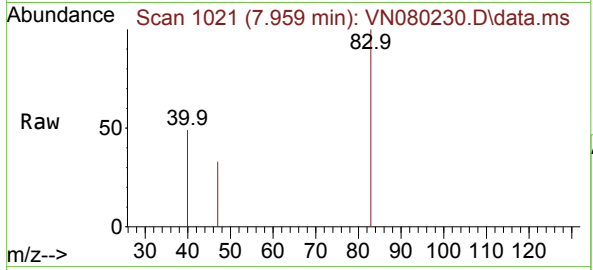




#30
Chloroform
Concen: 0.318 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.012 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

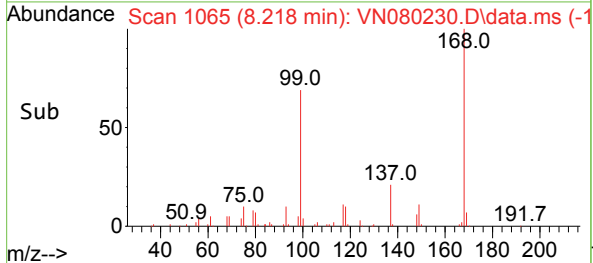
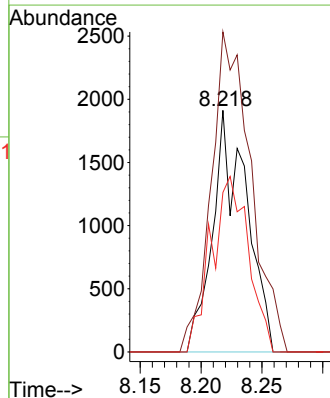
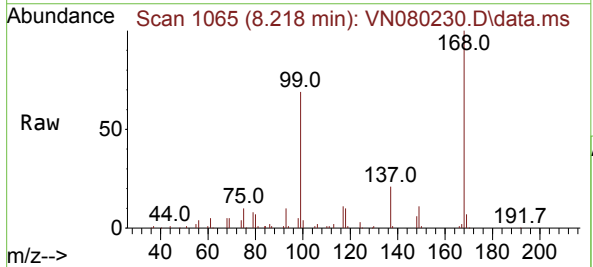
Instrument :
MSVOA_N
ClientSampleId :

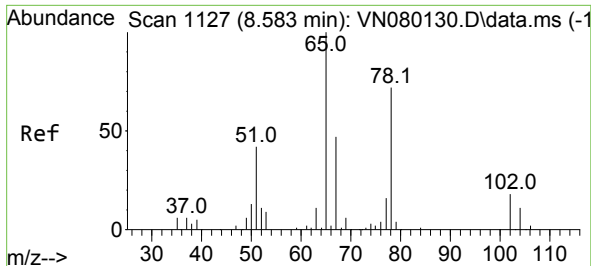
Tgt Ion: 83 Resp: 1030
Ion Ratio Lower Upper
83 100
85 0.0 55.4 83.0#



#31
Cyclohexane
Concen: 1.518 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Tgt Ion: 56 Resp: 3689
Ion Ratio Lower Upper
56 100
69 132.5 26.8 40.2#
84 66.1 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 56.444 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

Instrument :

MSVOA_N

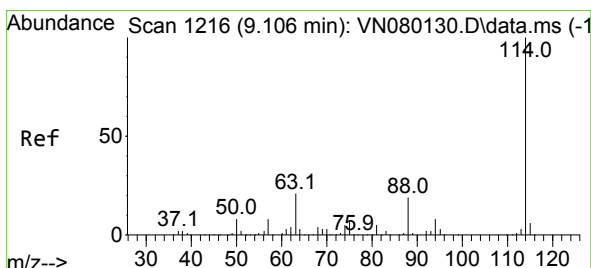
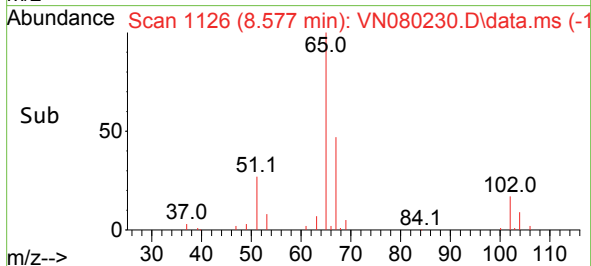
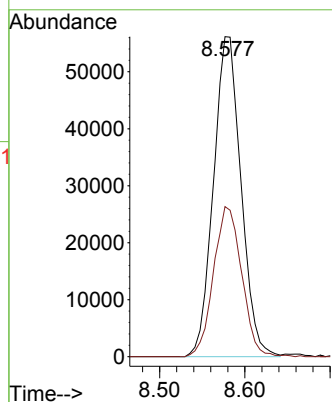
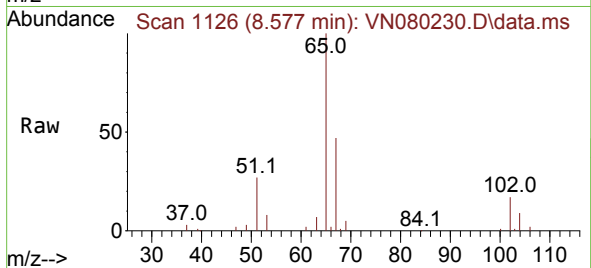
ClientSampleId :

Tgt Ion: 65 Resp: 126138

Ion Ratio Lower Upper

65 100

67 48.1 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: VN080230.D

Acq: 21 Nov 2023 14:29

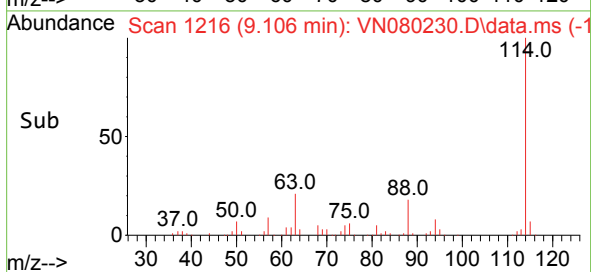
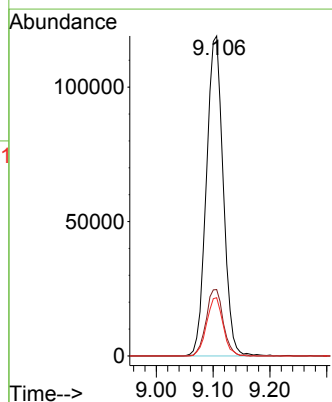
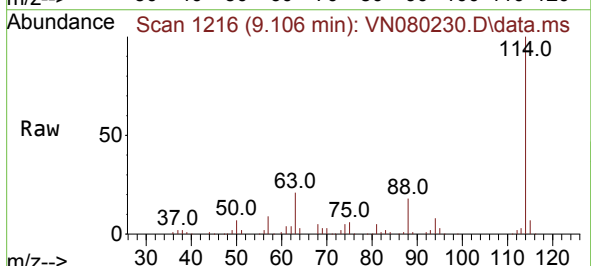
Tgt Ion: 114 Resp: 244172

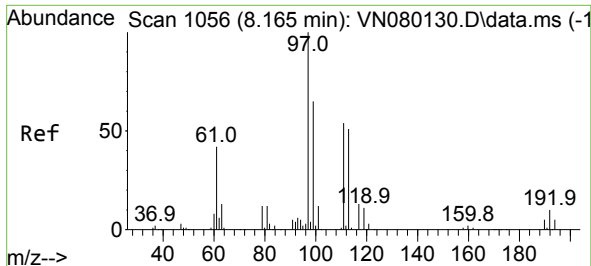
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 18.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.277 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

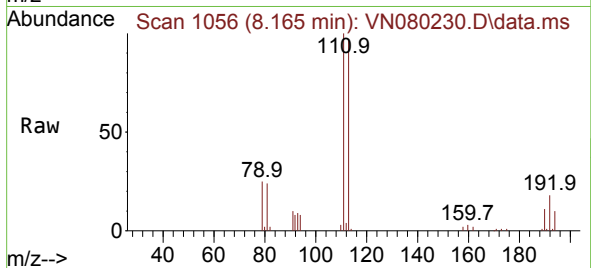
Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :



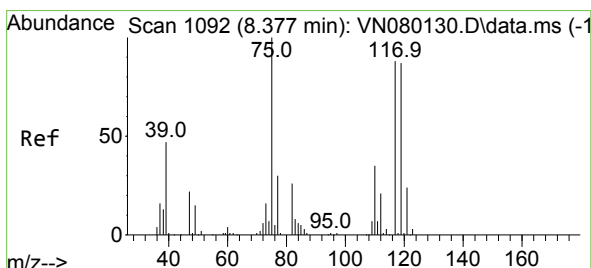
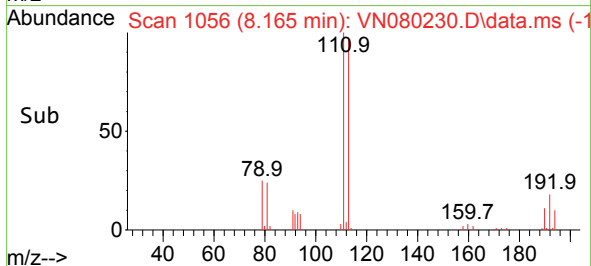
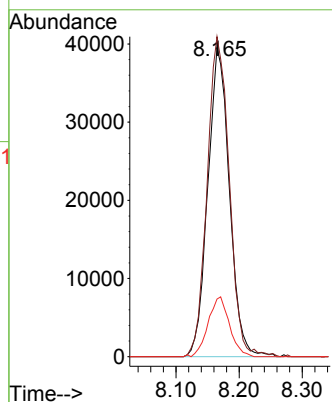
Tgt Ion:113 Resp: 94185

Ion Ratio Lower Upper

113 100

111 105.7 82.6 123.8

192 19.1 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 4.256 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

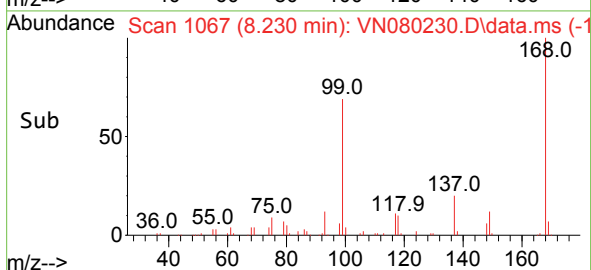
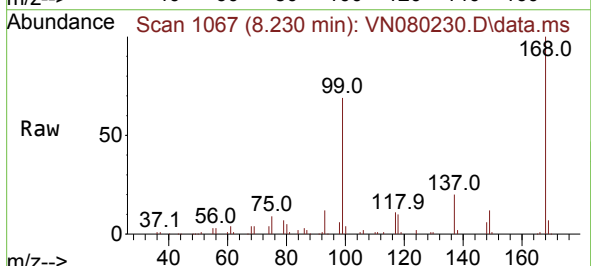
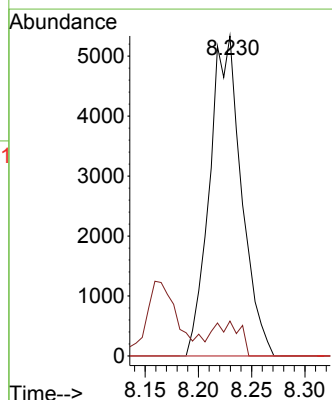
Tgt Ion: 75 Resp: 11102

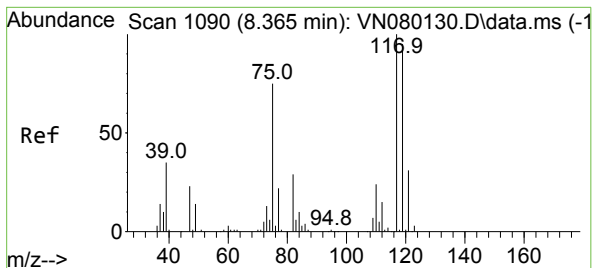
Ion Ratio Lower Upper

75 100

110 2.1 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.153 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

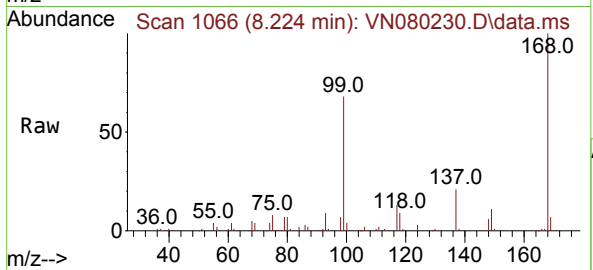
Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :



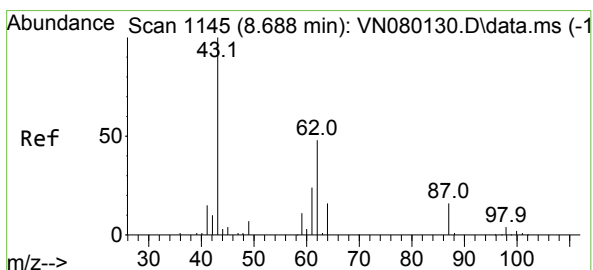
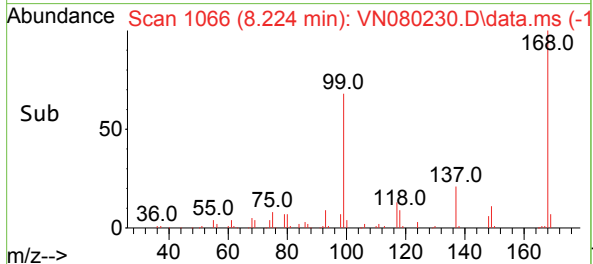
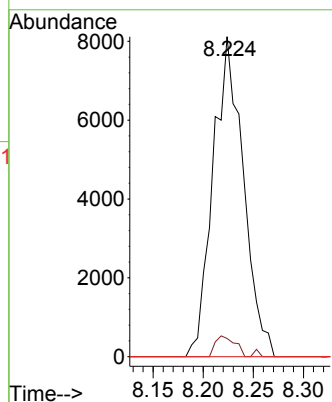
Tgt Ion:117 Resp: 17058

Ion Ratio Lower Upper

117 100

119 5.7 77.3 115.9#

121 0.0 23.3 34.9#



#43

Isopropyl Acetate

Concen: 0.542 ug/l

RT: 8.741 min Scan# 1154

Delta R.T. 0.053 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

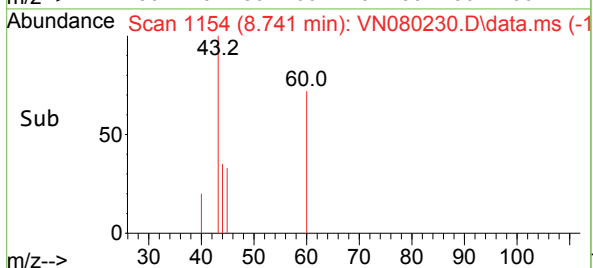
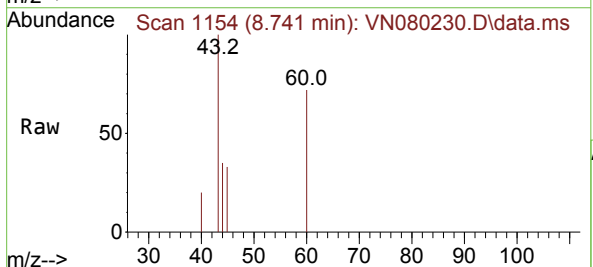
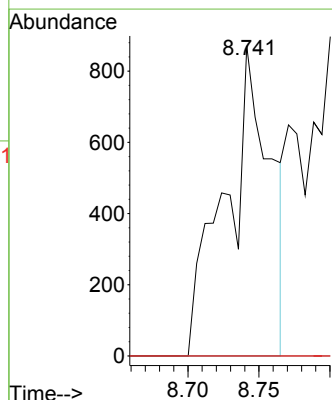
Tgt Ion: 43 Resp: 1909

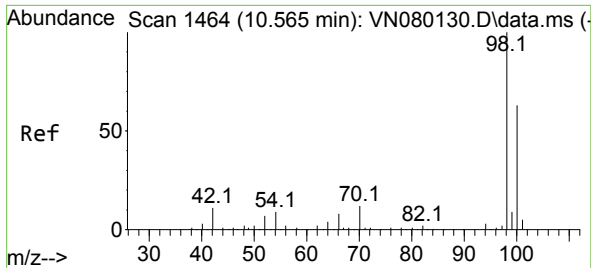
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

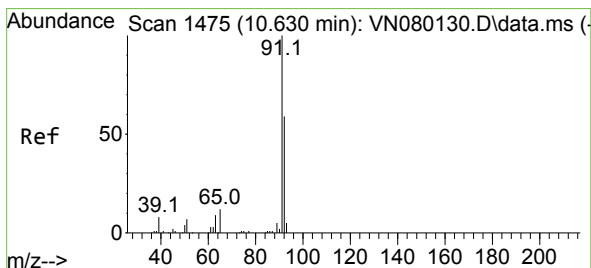
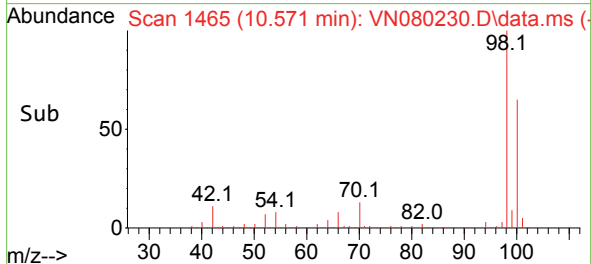
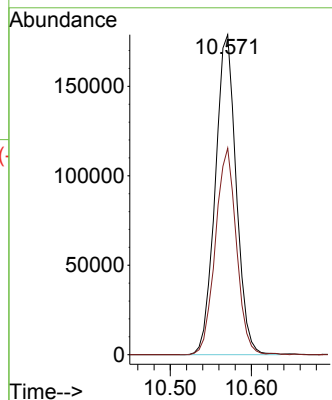
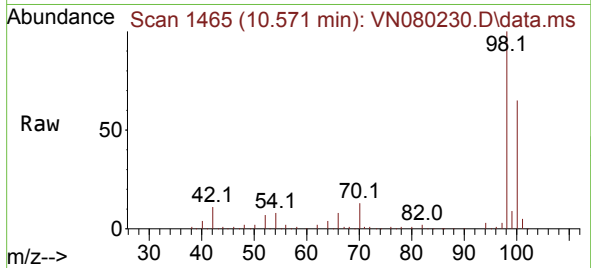




#50
Toluene-d8
Concen: 49.400 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

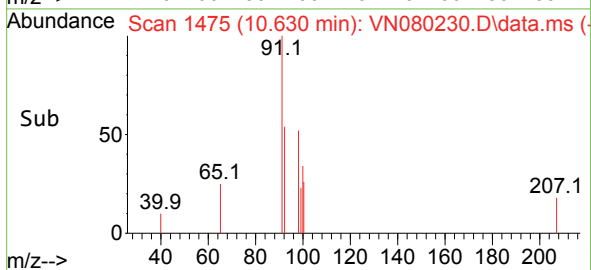
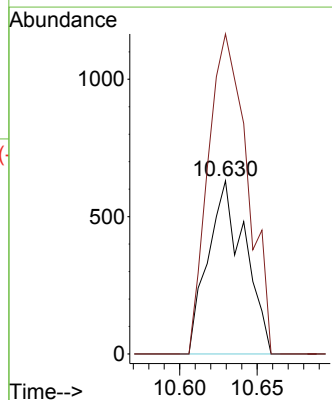
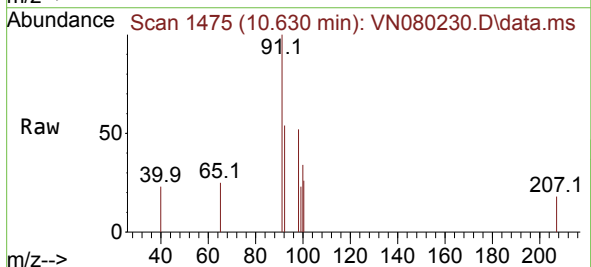
Instrument :
MSVOA_N
ClientSampleId :

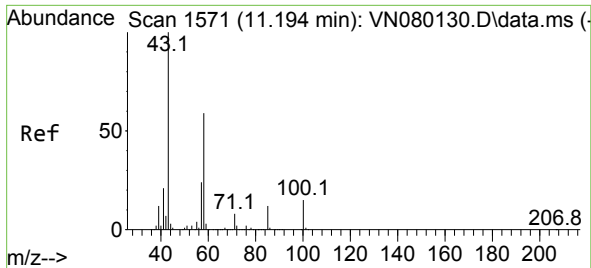
Tgt Ion: 98 Resp: 320836
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#52
Toluene
Concen: 0.225 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Tgt Ion: 92 Resp: 1045
Ion Ratio Lower Upper
92 100
91 196.3 137.4 206.0

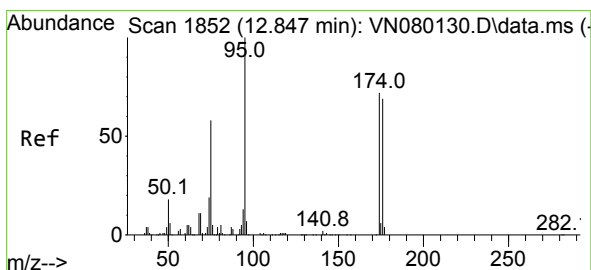
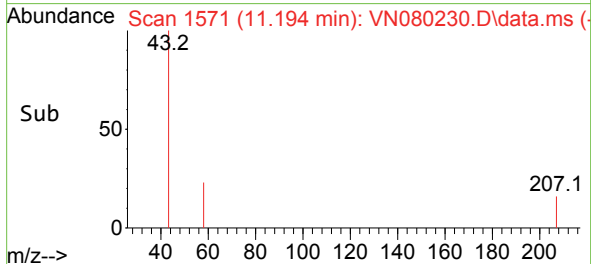
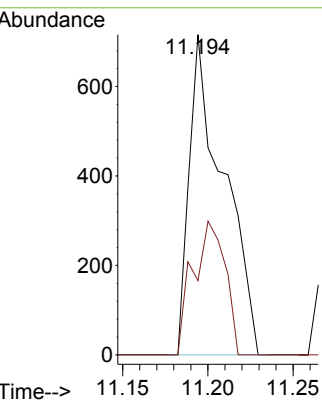
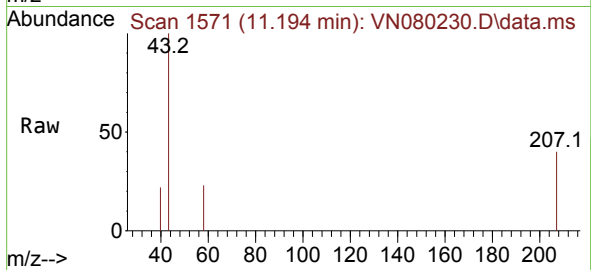




#59
2-Hexanone
Concen: 0.683 ug/l
RT: 11.194 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

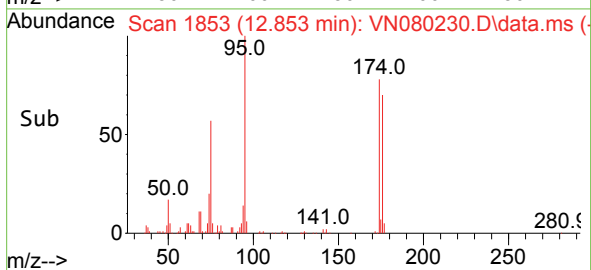
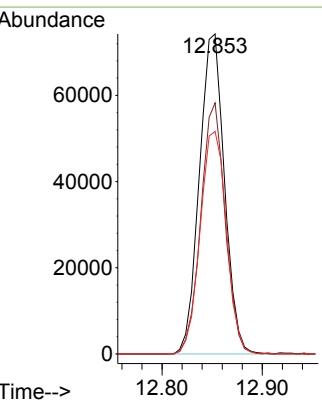
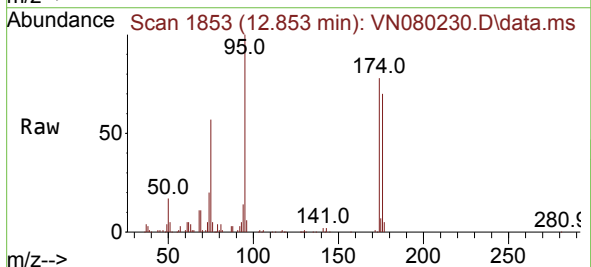
Instrument :
MSVOA_N
ClientSampleId :

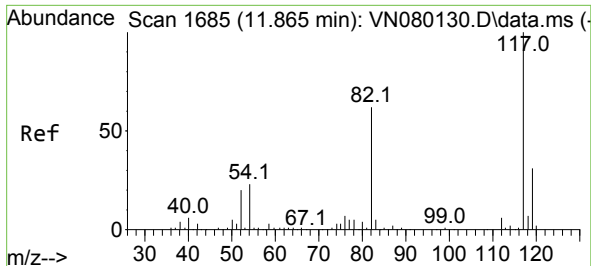
Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 39.2 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 52.516 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Tgt Ion: 95 Resp: 128828
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 72.8 0.0 135.8

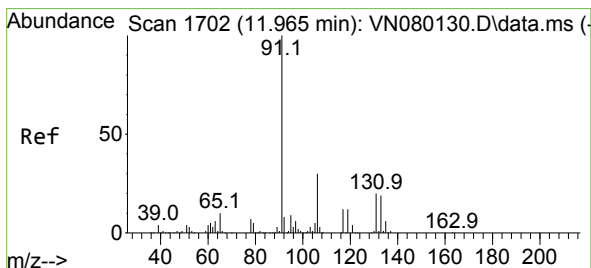
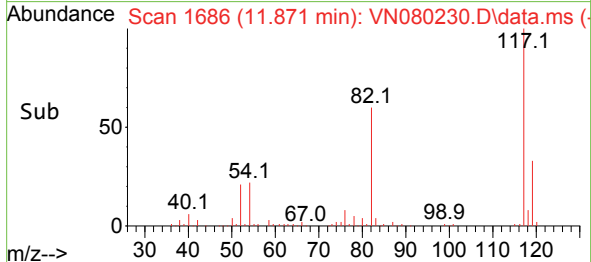
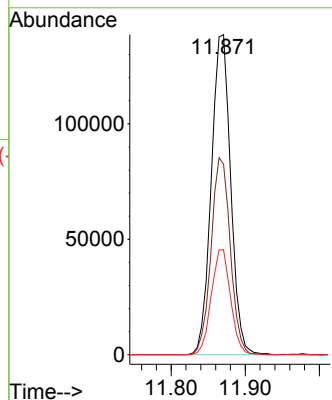
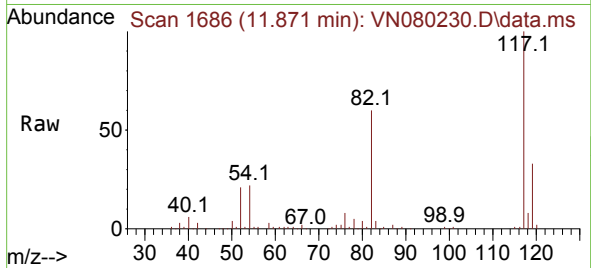




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

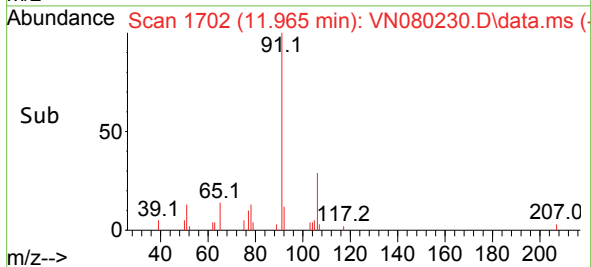
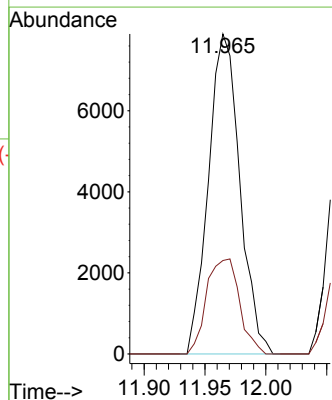
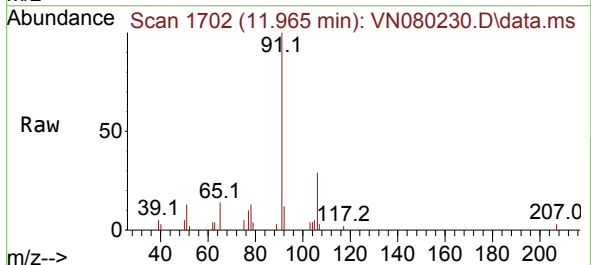
Instrument :
MSVOA_N
ClientSampleId :

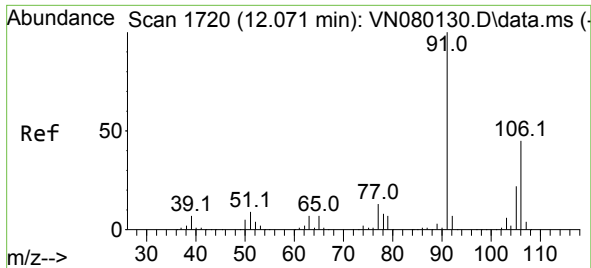
Tgt Ion:117 Resp: 252370
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 32.8 25.6 38.4



#67
Ethyl Benzene
Concen: 1.393 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Tgt Ion: 91 Resp: 14171
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4

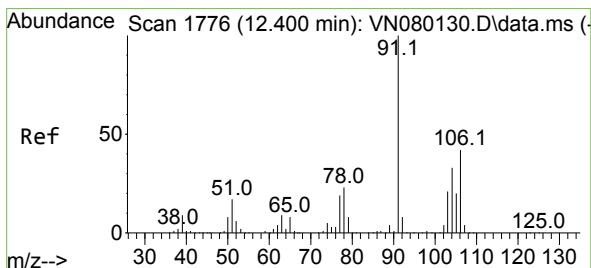
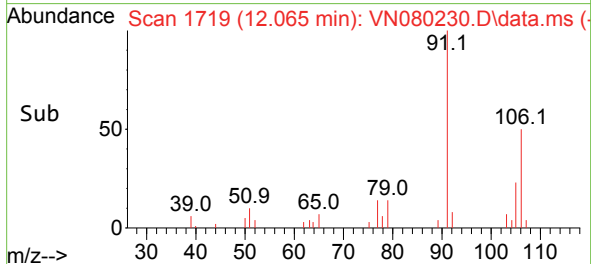
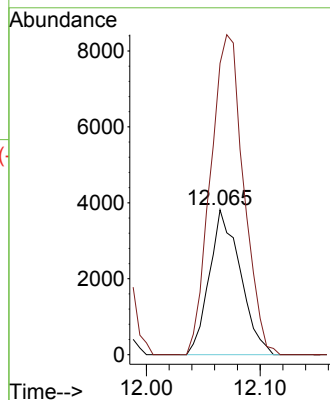
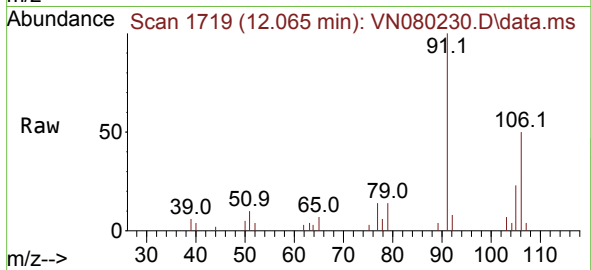




#68
m/p-Xylenes
Concen: 1.950 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

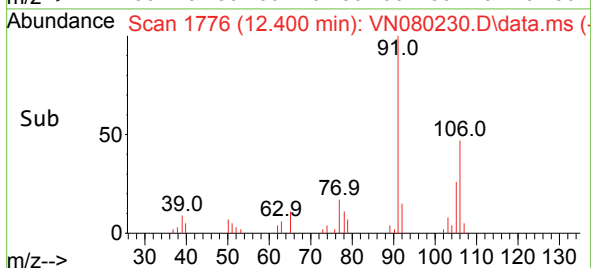
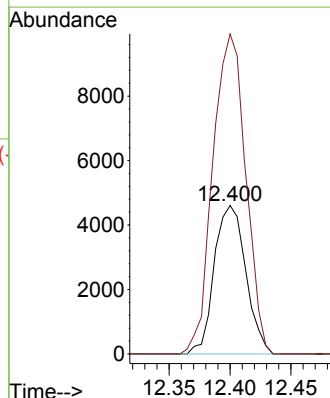
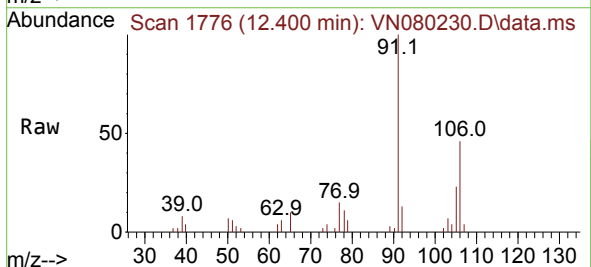
Instrument :
MSVOA_N
ClientSampleId :

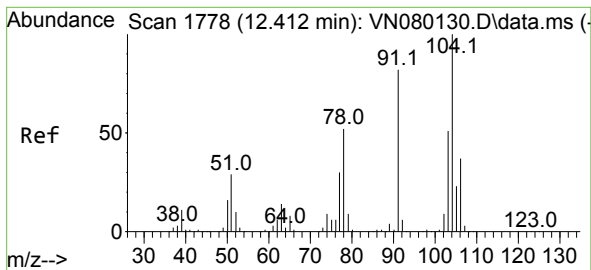
Tgt Ion:106 Resp: 7233
Ion Ratio Lower Upper
106 100
91 235.9 159.6 239.4



#69
o-Xylene
Concen: 2.367 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Tgt Ion:106 Resp: 8278
Ion Ratio Lower Upper
106 100
91 225.6 105.2 315.5





#70

Styrene

Concen: 0.206 ug/l

RT: 12.424 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

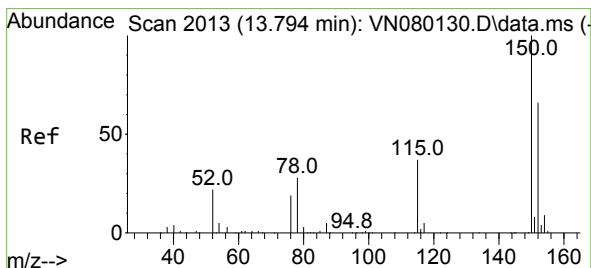
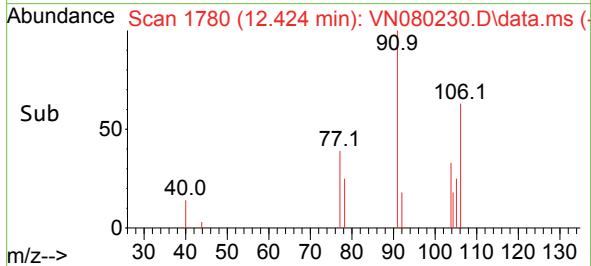
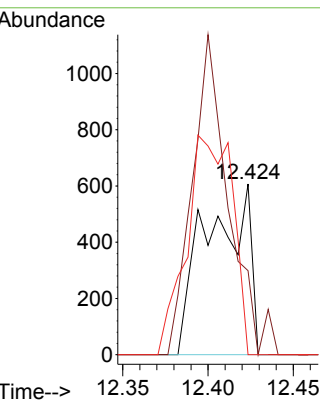
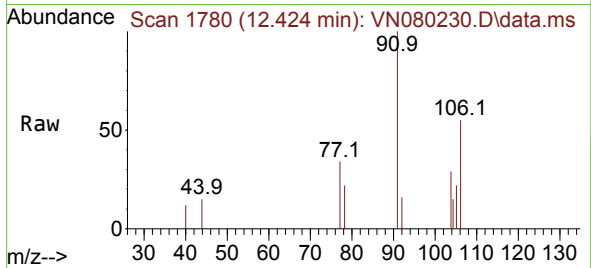
Tgt Ion:104 Resp: 1073

Ion Ratio Lower Upper

104 100

78 0.0 39.5 59.3#

103 0.0 43.2 64.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

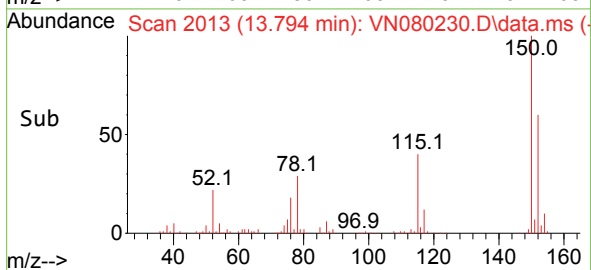
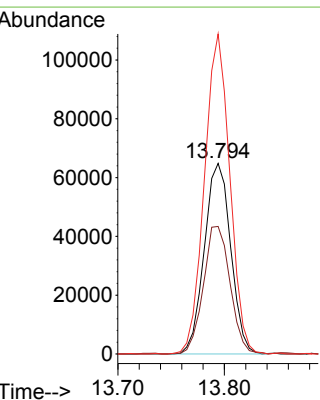
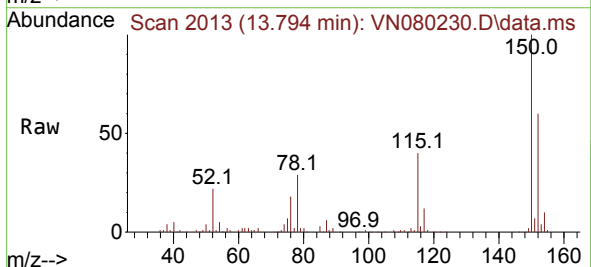
Tgt Ion:152 Resp: 111534

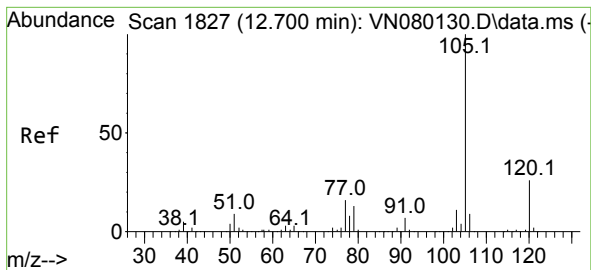
Ion Ratio Lower Upper

152 100

115 67.7 32.3 96.8

150 161.0 0.0 355.8





#73

Isopropylbenzene

Concen: 0.472 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

Instrument :

MSVOA_N

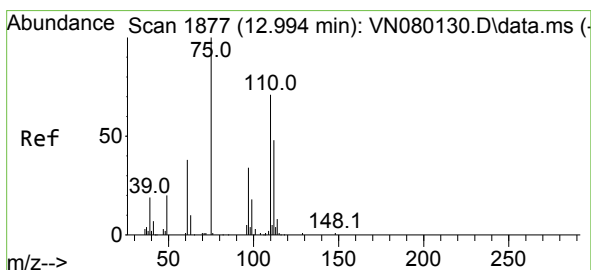
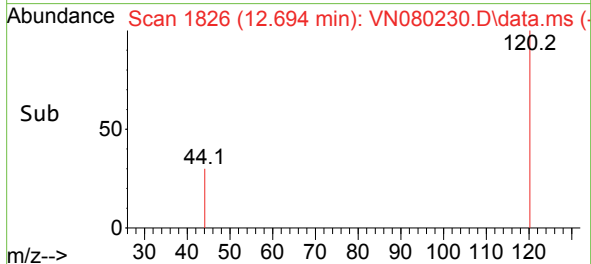
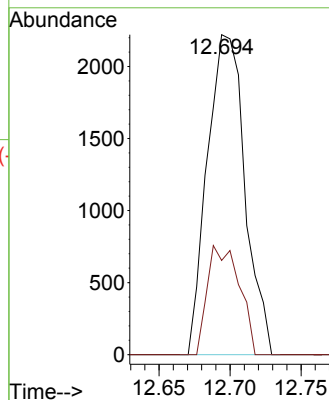
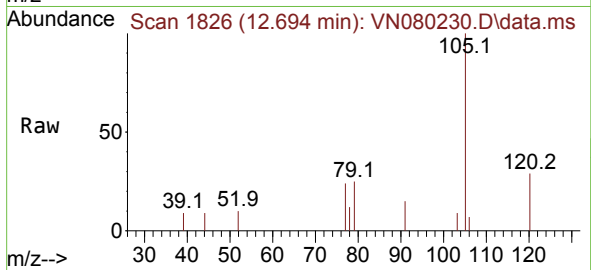
ClientSampleId :

Tgt Ion:105 Resp: 4092

Ion Ratio Lower Upper

105 100

120 28.9 13.1 39.1



#76

1,2,3-Trichloropropane

Concen: 26.519 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080230.D

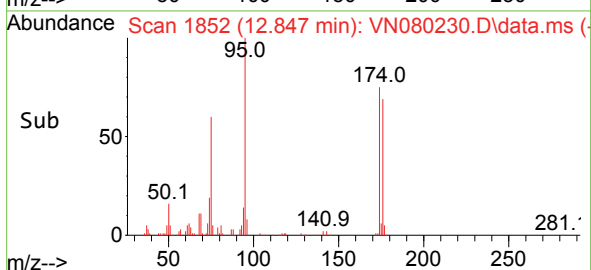
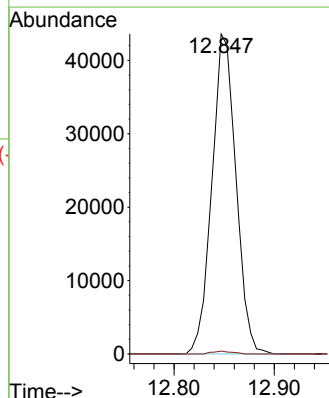
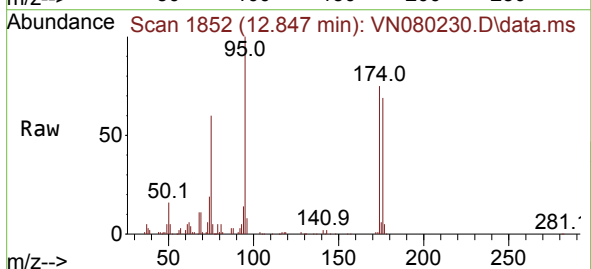
Acq: 21 Nov 2023 14:29

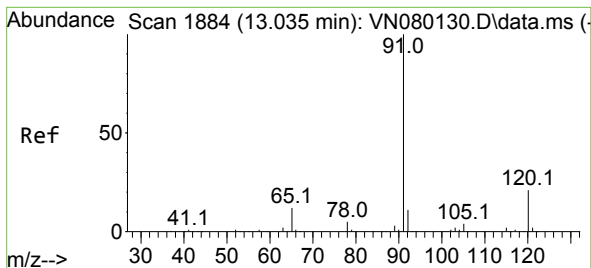
Tgt Ion: 75 Resp: 72470

Ion Ratio Lower Upper

75 100

77 0.7 84.5 253.5#





#78

n-propylbenzene

Concen: 0.223 ug/l

RT: 13.035 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

Instrument :

MSVOA_N

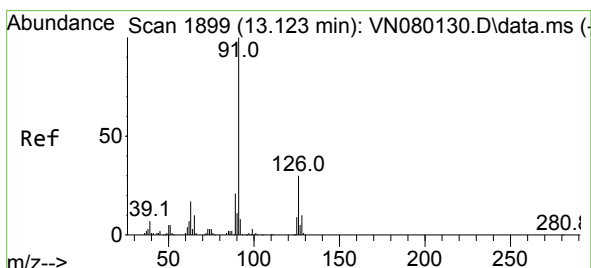
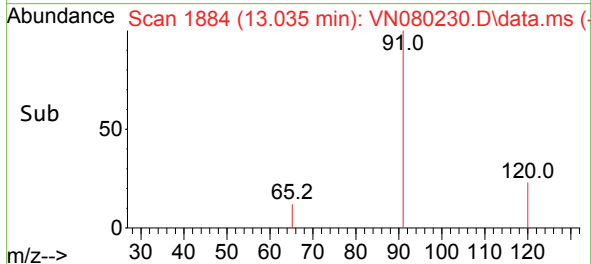
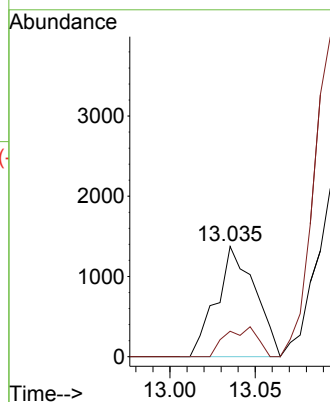
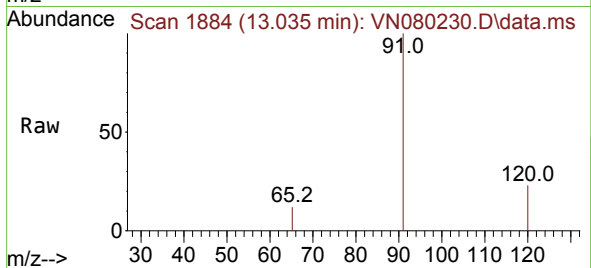
ClientSampleId :

Tgt Ion: 91 Resp: 2165

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.227 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.100 min

Lab File: VN080230.D

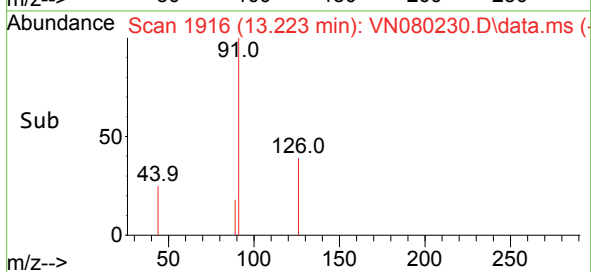
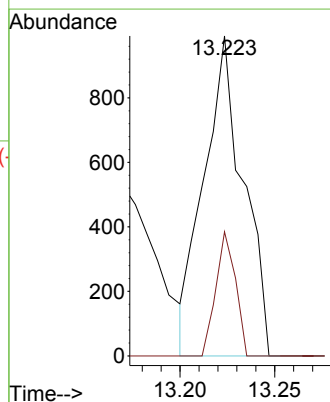
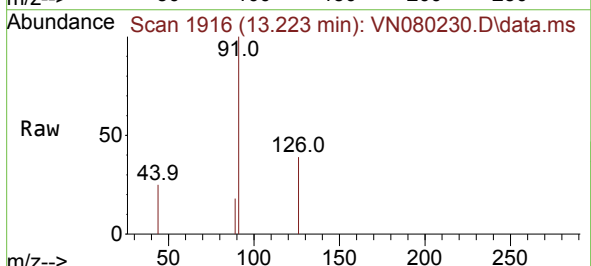
Acq: 21 Nov 2023 14:29

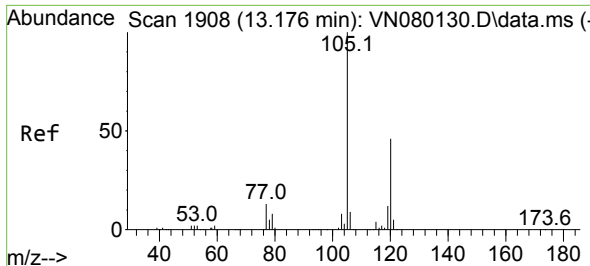
Tgt Ion: 91 Resp: 1429

Ion Ratio Lower Upper

91 100

126 19.4 16.3 48.8

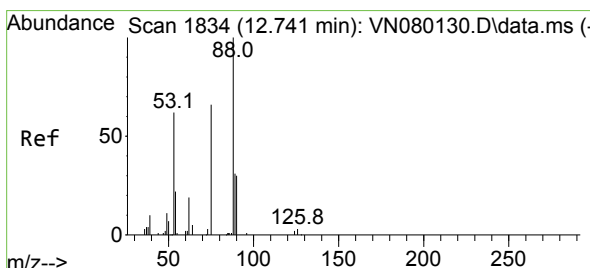
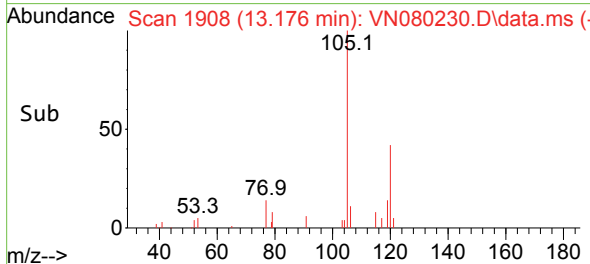
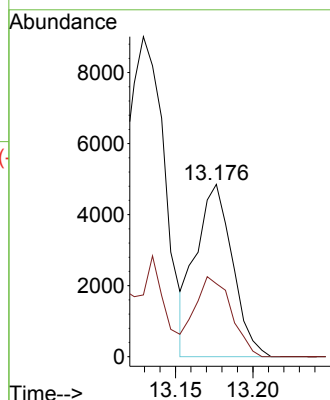
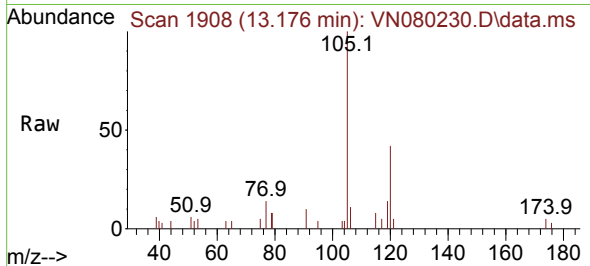




#80
 1,3,5-Trimethylbenzene
 Concen: 1.057 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN080230.D
 Acq: 21 Nov 2023 14:29

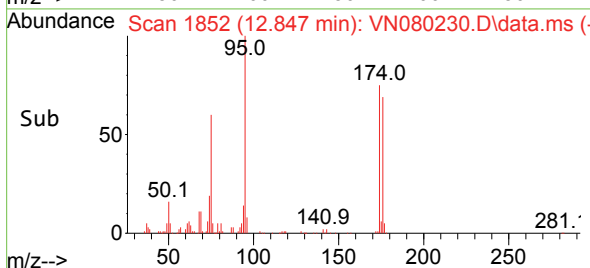
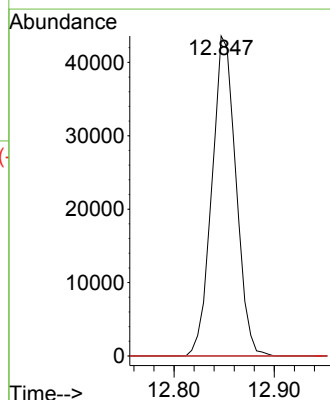
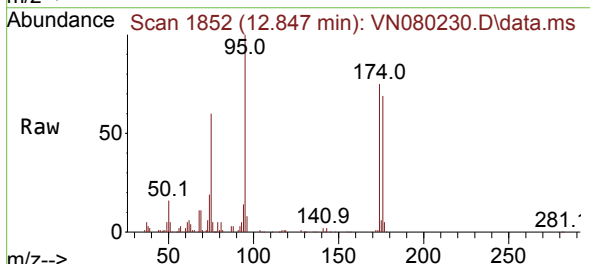
Instrument :
 MSVOA_N
 ClientSampleId :

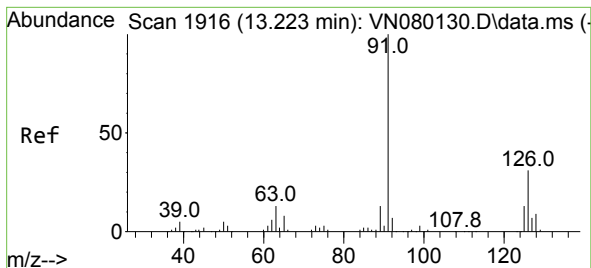
Tgt Ion:105 Resp: 7971
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.596 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.106 min
 Lab File: VN080230.D
 Acq: 21 Nov 2023 14:29

Tgt Ion: 75 Resp: 72470
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

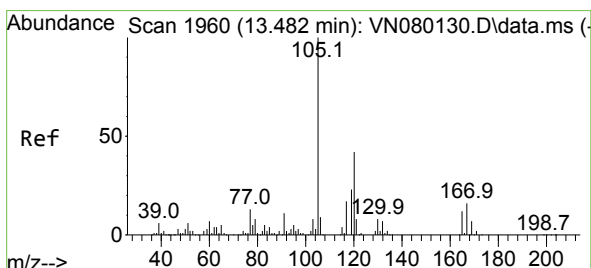
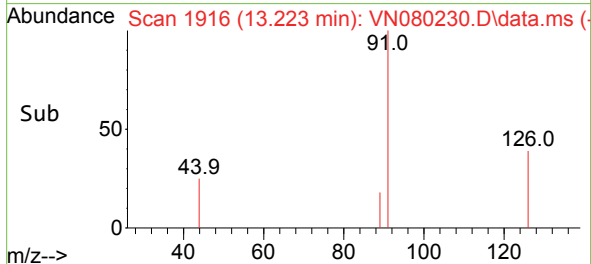
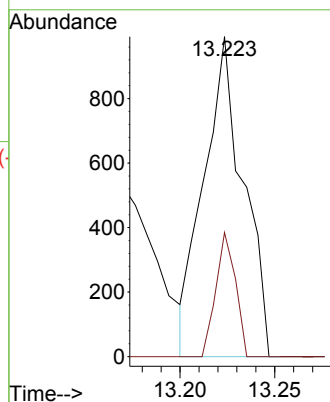
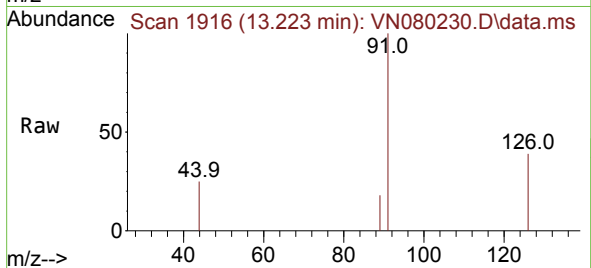




#82
4-Chlorotoluene
Concen: 0.222 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

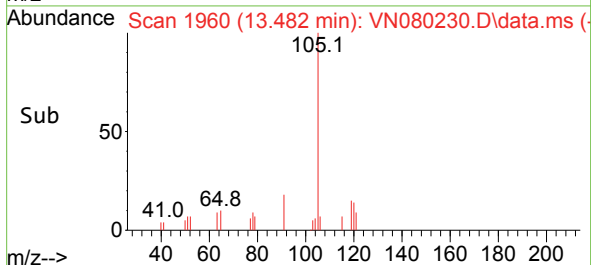
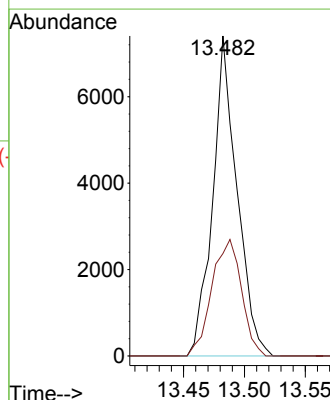
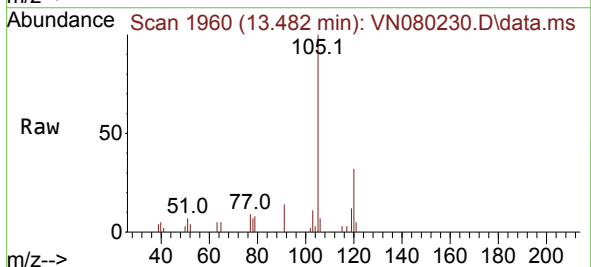
Instrument :
MSVOA_N
ClientSampleId :

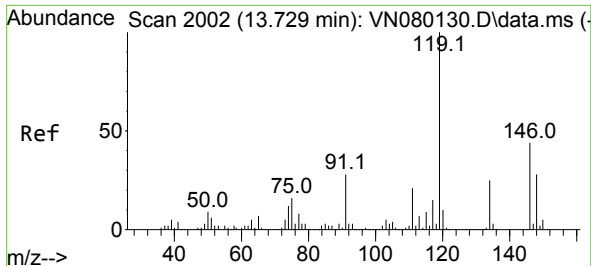
Tgt Ion: 91 Resp: 1429
Ion Ratio Lower Upper
91 100
126 19.4 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 1.387 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Tgt Ion: 105 Resp: 10304
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0

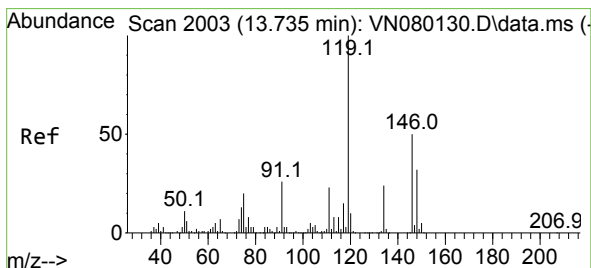
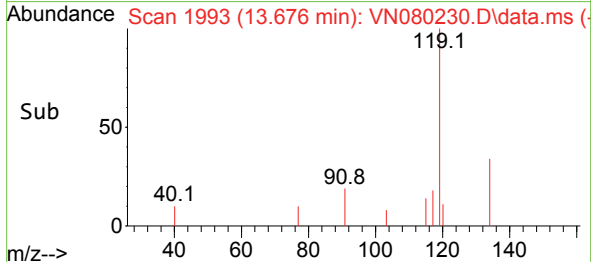
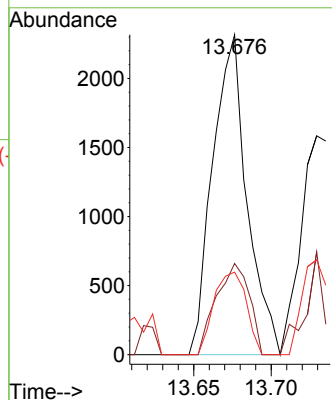
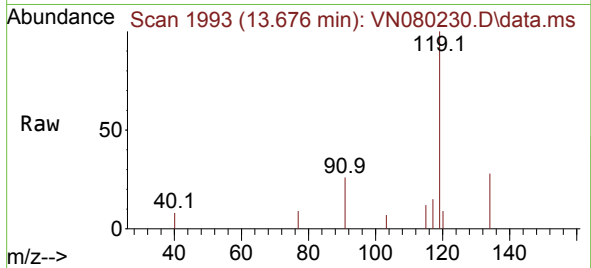




#86
p-Isopropyltoluene
Concen: 0.521 ug/l
RT: 13.676 min Scan# 1993
Delta R.T. -0.053 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

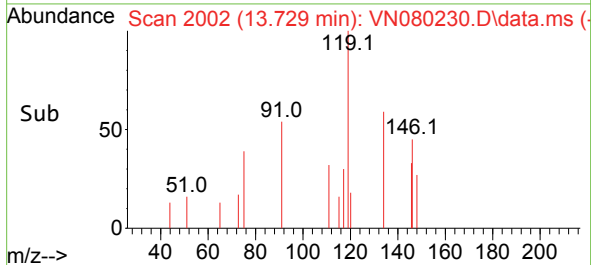
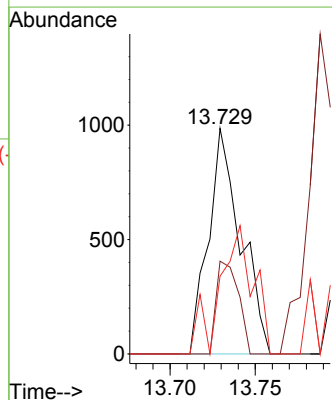
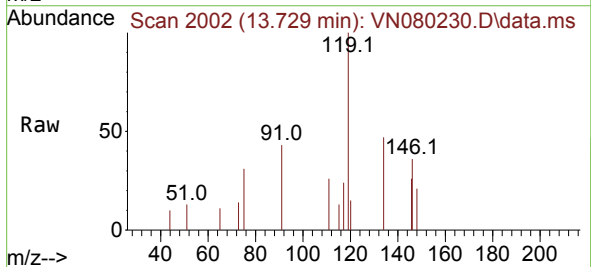
Instrument :
MSVOA_N
ClientSampleId :

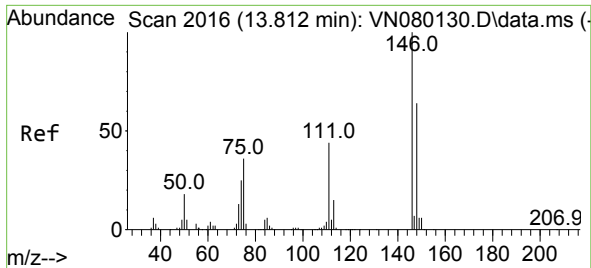
Tgt Ion:119 Resp: 3561
Ion Ratio Lower Upper
119 100
134 27.5 12.6 37.8
91 24.3 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.330 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

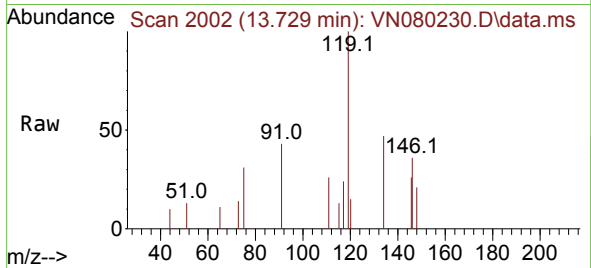
Tgt Ion:146 Resp: 1300
Ion Ratio Lower Upper
146 100
111 28.1 22.1 66.3
148 59.3 32.0 96.0



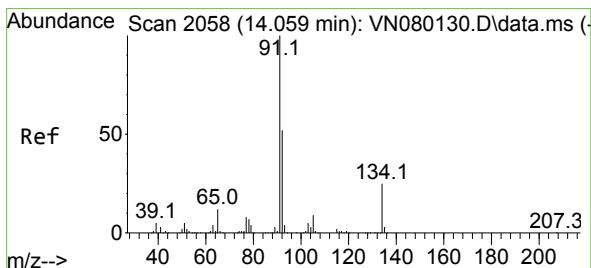
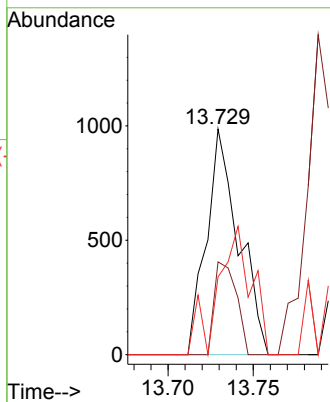
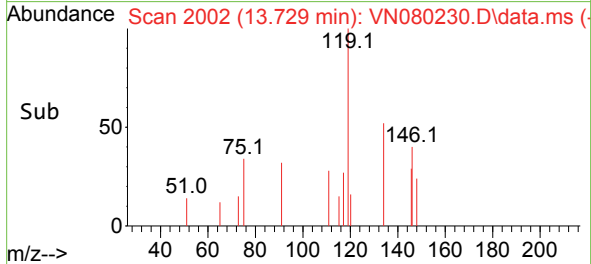


#88
1,4-Dichlorobenzene
Concen: 0.329 ug/l
RT: 13.729 min Scan# 2016
Delta R.T. -0.082 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

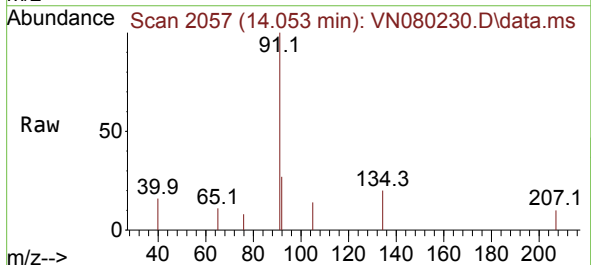
Instrument :
MSVOA_N
ClientSampleId :



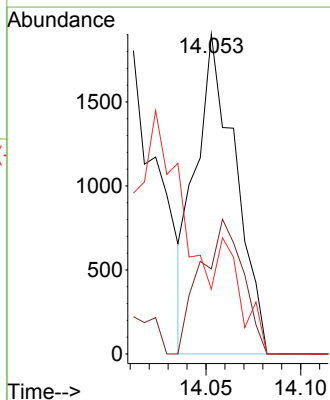
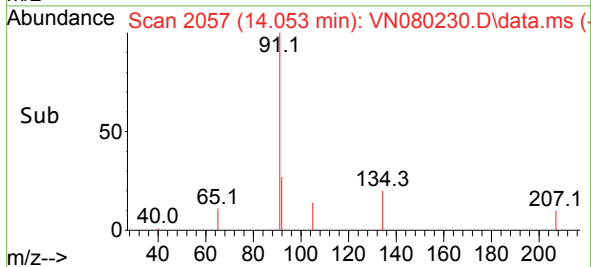
Tgt Ion:146 Resp: 1300
Ion Ratio Lower Upper
146 100
111 28.1 20.6 61.8
148 59.3 31.6 94.8

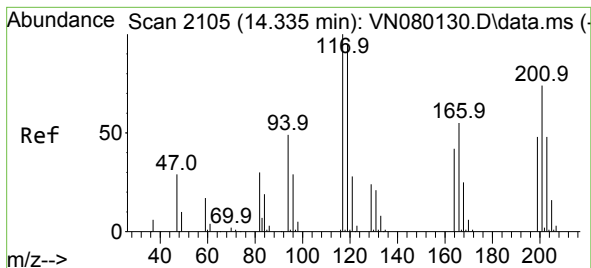


#89
n-Butylbenzene
Concen: 0.485 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29



Tgt Ion: 91 Resp: 2777
Ion Ratio Lower Upper
91 100
92 44.7 26.4 79.0
134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 0.838 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

Instrument :

MSVOA_N

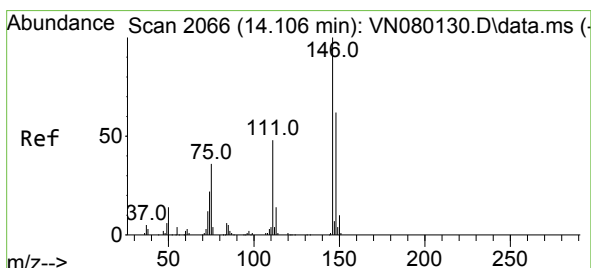
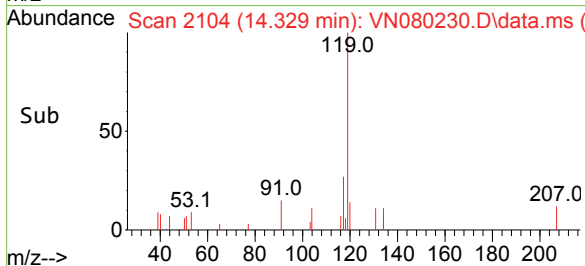
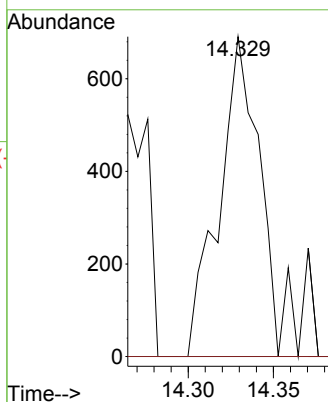
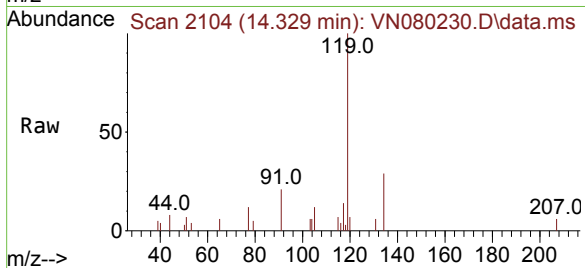
ClientSampleId :

Tgt Ion:117 Resp: 1117

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#91

1,2-Dichlorobenzene

Concen: 0.341 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

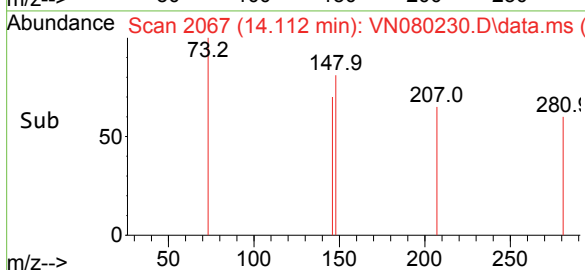
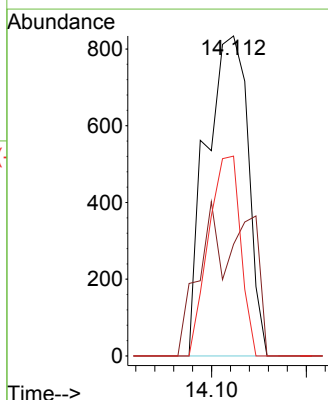
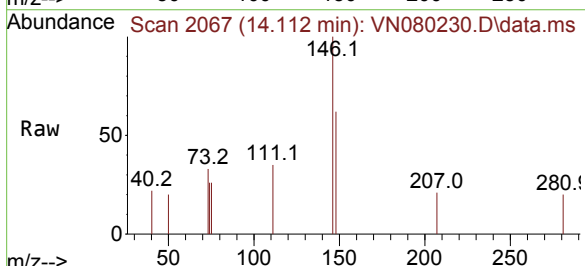
Tgt Ion:146 Resp: 1285

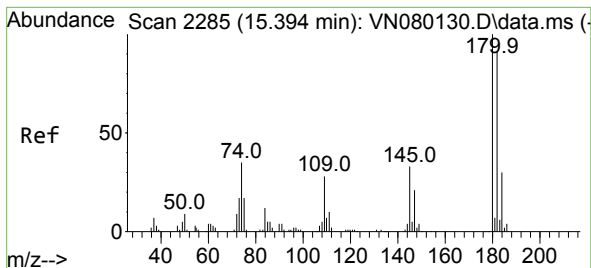
Ion Ratio Lower Upper

146 100

111 27.1 22.0 66.0

148 47.7 31.8 95.3





#93

1,2,4-Trichlorobenzene

Concen: 1.062 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

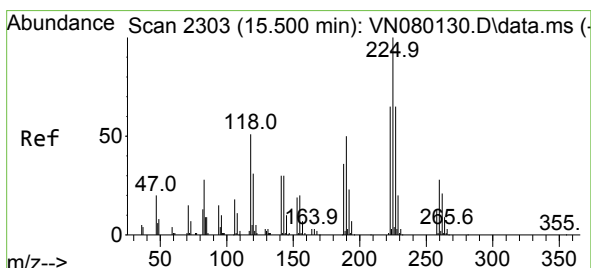
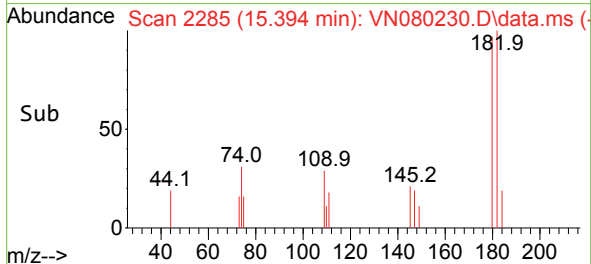
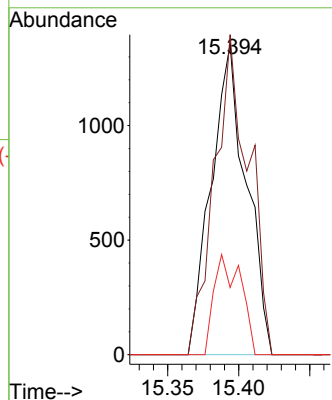
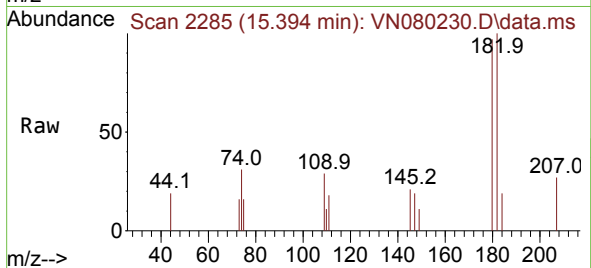
Tgt Ion:180 Resp: 2327

Ion Ratio Lower Upper

180 100

182 100.9 46.1 138.2

145 24.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.961 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080230.D

Acq: 21 Nov 2023 14:29

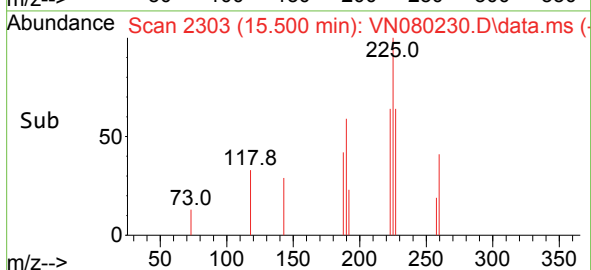
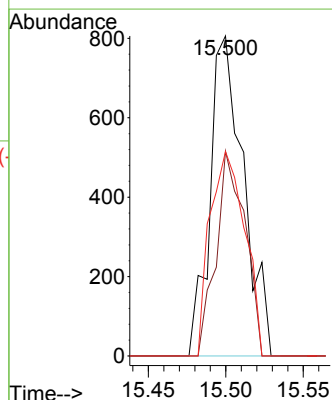
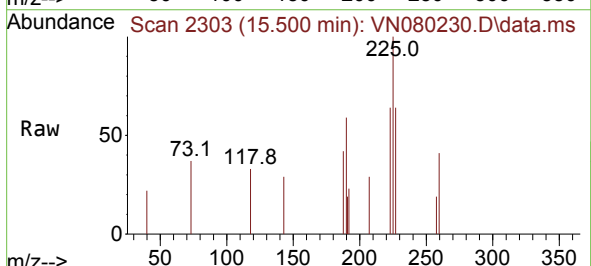
Tgt Ion:225 Resp: 1212

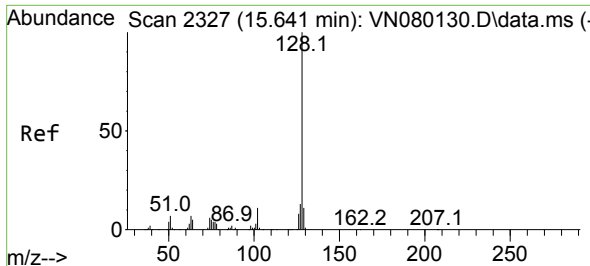
Ion Ratio Lower Upper

225 100

223 55.3 31.3 93.8

227 66.3 31.9 95.9

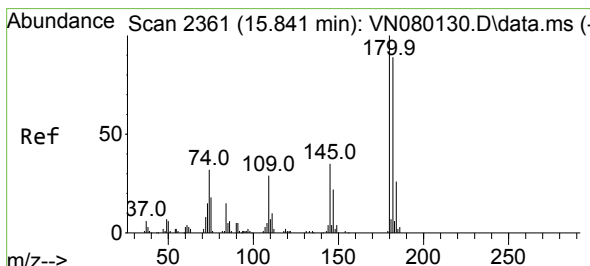
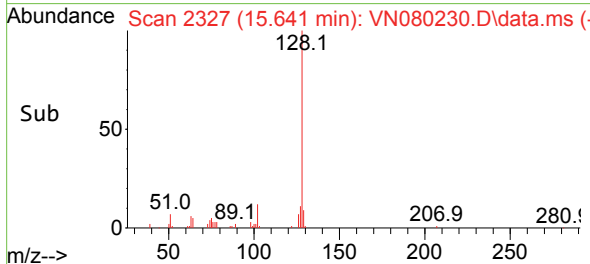
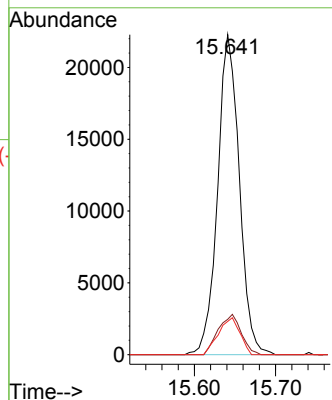
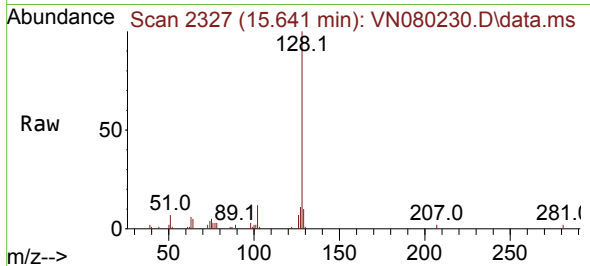




#95
Naphthalene
Concen: 6.522 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 41440
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.193 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080230.D
Acq: 21 Nov 2023 14:29

Tgt Ion:180 Resp: 2451
Ion Ratio Lower Upper
180 100
182 111.1 46.2 138.6
145 43.6 17.5 52.6

