

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080530.D
 Acq On : 19 Dec 2023 19:07
 Operator : JC\MD
 Sample : 05862-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 04:06:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	233107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	424948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	475130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162077	54.437	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.880%			
35) Dibromofluoromethane	8.165	113	140030	51.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.940%			
50) Toluene-d8	10.571	98	528170	52.562	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.120%			
62) 4-Bromofluorobenzene	12.847	95	223734	58.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.280%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1900	0.206	ug/l #	78
6) Chloroethane	3.136	64	328	0.201	ug/l #	43
11) Tert butyl alcohol	5.500	59	584	1.666	ug/l #	72
13) Acrolein	4.177	56	153	0.398	ug/l	88
16) Acetone	4.424	43	41591	78.784	ug/l #	87
18) Methyl Acetate	5.018	43	11410	3.359	ug/l	95
20) Methylene Chloride	5.283	84	14777	5.230	ug/l	93
25) 2-Butanone	7.483	43	4111	4.042	ug/l #	64
31) Cyclohexane	8.218	56	4334	1.070	ug/l #	39
36) 1,1-Dichloropropene	8.218	75	19428	4.410	ug/l #	50
37) Ethyl Acetate	7.565	43	2924	1.060	ug/l	95
38) Carbon Tetrachloride	8.224	117	25889	4.918	ug/l #	15
40) Benzene	8.612	78	5533	0.435	ug/l	96
42) 1,2-Dichloroethane	8.688	62	1098	0.233	ug/l #	73
43) Isopropyl Acetate	8.688	43	141052	28.437	ug/l #	88
45) 1,2-Dichloropropane	9.735	63	1819	0.609	ug/l #	45
48) Methyl methacrylate	9.659	41	4043	1.366	ug/l #	26
49) 1,4-Dioxane	9.729	88	62	1.382	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	5721	2.094	ug/l #	77
52) Toluene	10.629	92	5868	0.730	ug/l	91
53) t-1,3-Dichloropropene	10.724	75	1211	0.243	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	66510	12.507	ug/l #	62
57) 1,3-Dichloropropane	11.200	76	7732	1.525	ug/l #	42
59) 2-Hexanone	11.171	43	128789	63.860	ug/l #	19
67) Ethyl Benzene	11.965	91	442479	22.768	ug/l	97
68) m/p-Xylenes	12.065	106	86650	12.066	ug/l	91
69) o-Xylene	12.400	106	73289	10.434	ug/l	90
70) Styrene	12.394	104	4944	0.489	ug/l #	1
73) Isopropylbenzene	12.694	105	50142	2.730	ug/l	97
76) 1,2,3-Trichloropropane	12.847	75	120663	26.450	ug/l #	1
78) n-propylbenzene	13.035	91	7870	0.389	ug/l	92
79) 2-Chlorotoluene	13.135	91	11199	0.847	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	41444	2.620	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.847	75	120663	69.446	ug/l #	15
82) 4-Chlorotoluene	13.170	91	4667	0.343	ug/l #	41
83) tert-Butylbenzene	13.482	119	21453	1.656	ug/l #	51

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
Data File : VN080530.D
Acq On : 19 Dec 2023 19:07
Operator : JC\MD
Sample : 05862-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

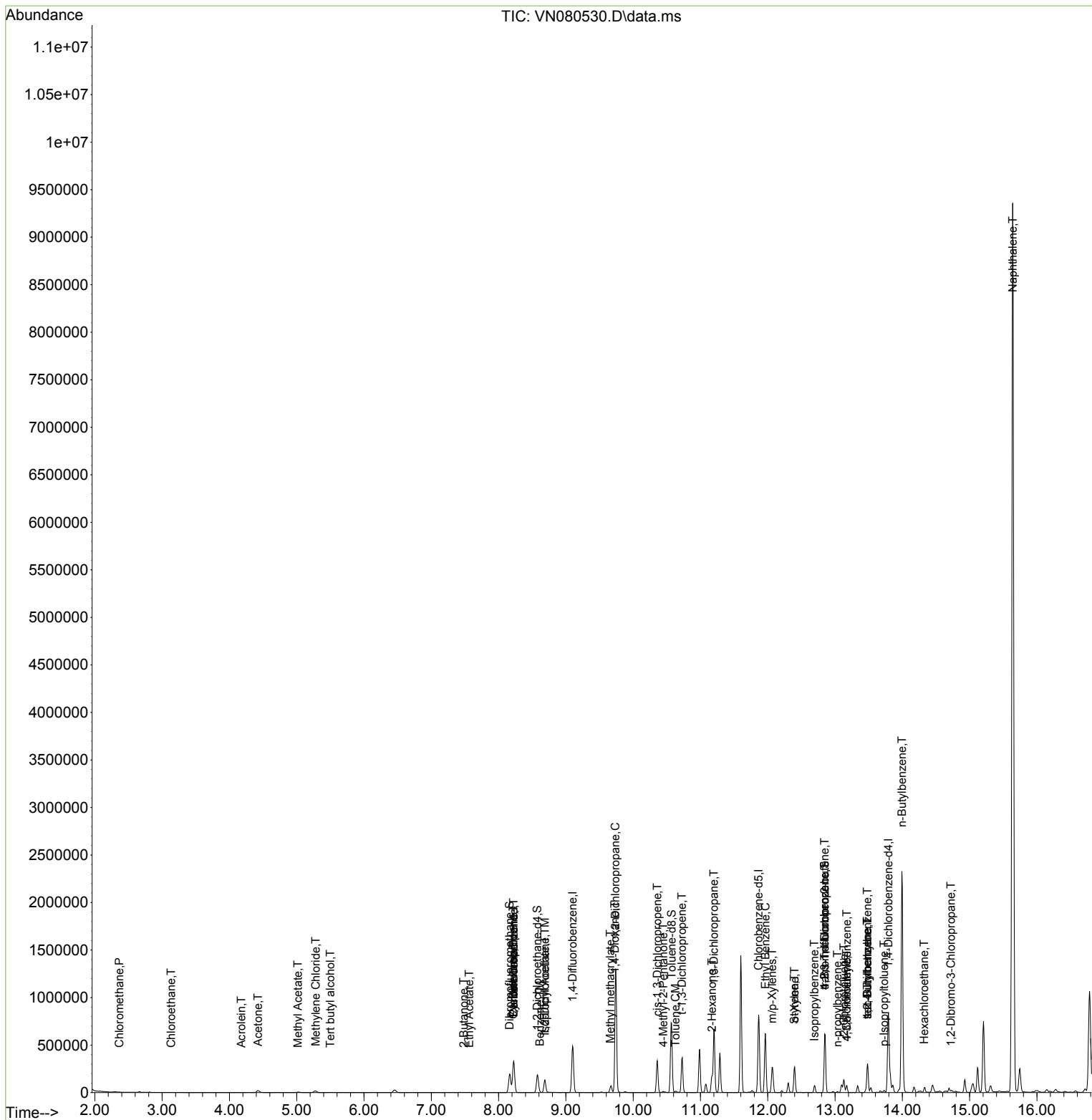
Instrument :
MSVOA_N
ClientSampleId :

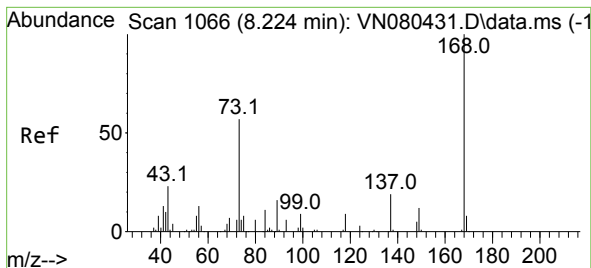
Quant Time: Dec 20 04:06:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.482	105	175550	11.154	ug/l	98
85) sec-Butylbenzene	13.482	105	175550	10.592	ug/l #	57
86) p-Isopropyltoluene	13.729	119	8643	0.578	ug/l #	75
89) n-Butylbenzene	13.994	91	227963	18.240	ug/l #	42
90) Hexachloroethane	14.323	117	4980	2.095	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.723	75	285	0.275	ug/l #	4
95) Naphthalene	15.641	128	8609954	675.458	ug/l	99

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

Quant Time: Dec 20 04:06:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

Instrument :

MSVOA_N

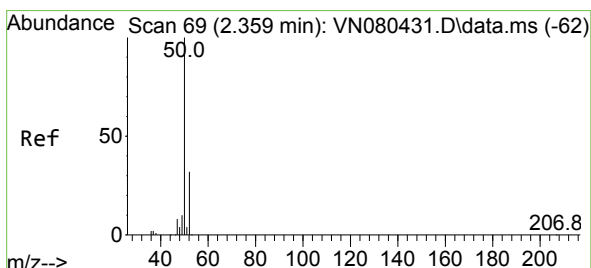
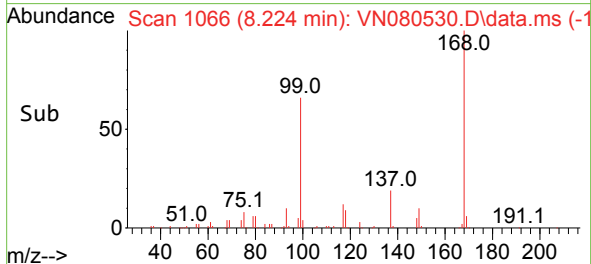
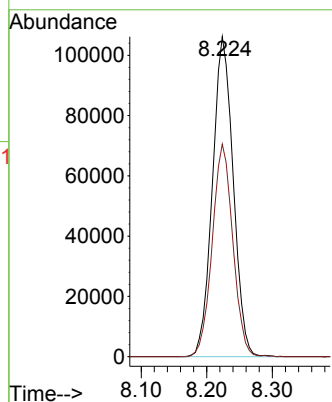
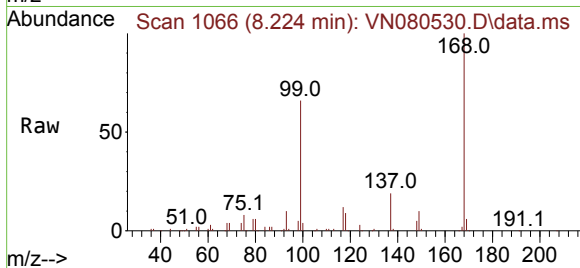
ClientSampleId :

Tgt Ion:168 Resp: 233107

Ion Ratio Lower Upper

168 100

99 66.5 53.0 79.6



#3

Chloromethane

Concen: 0.206 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080530.D

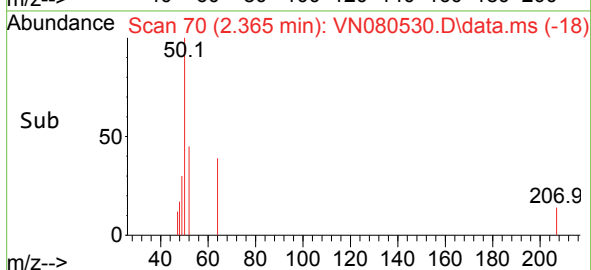
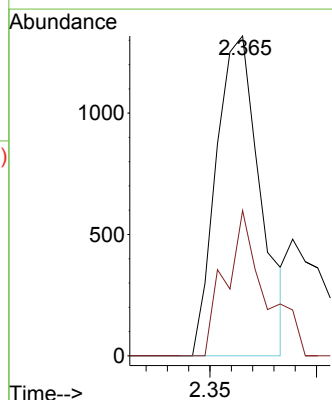
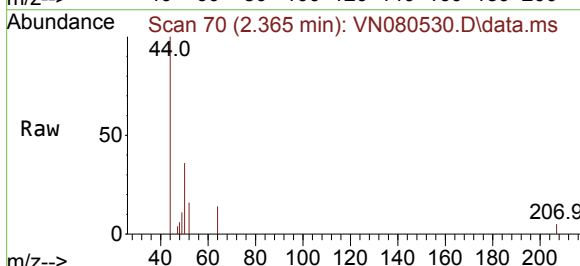
Acq: 19 Dec 2023 19:07

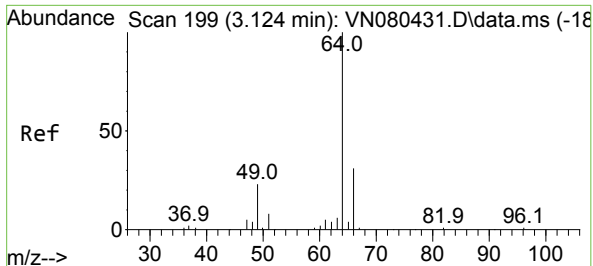
Tgt Ion: 50 Resp: 1900

Ion Ratio Lower Upper

50 100

52 45.4 26.5 39.7#

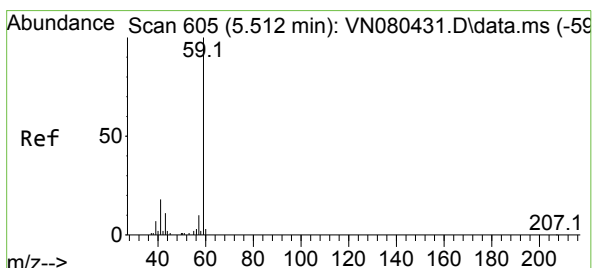
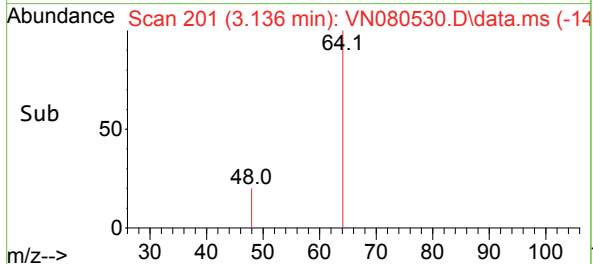
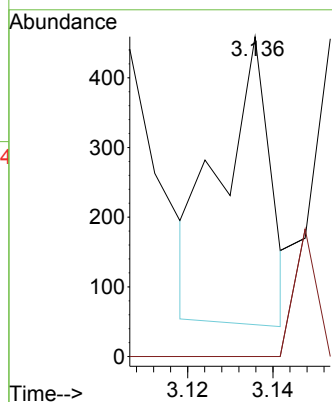
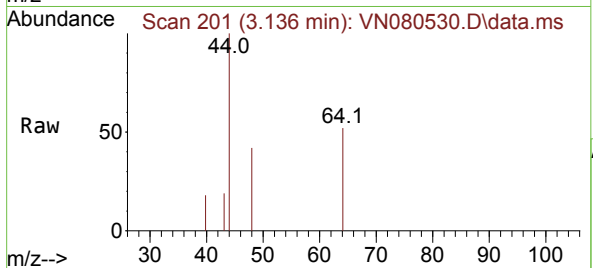




#6
Chloroethane
Concen: 0.201 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

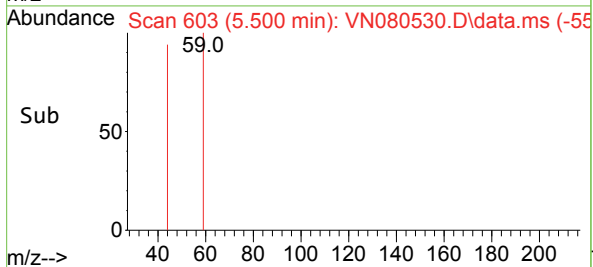
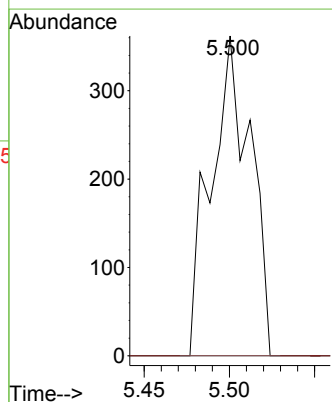
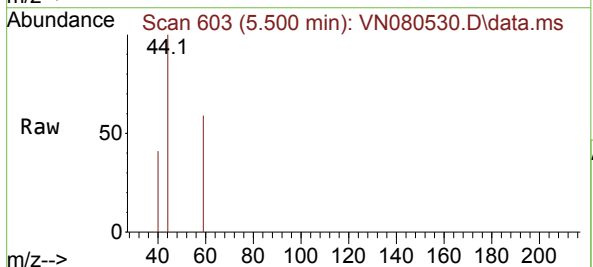
Instrument :
MSVOA_N
ClientSampleId :

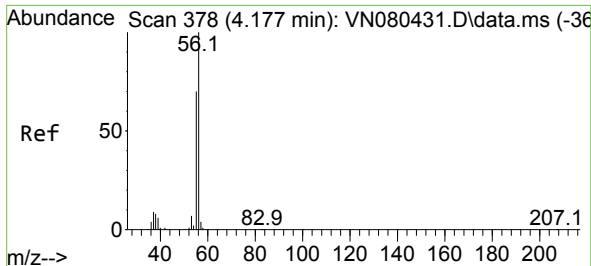
Tgt Ion: 64 Resp: 328
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 1.666 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.012 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 59 Resp: 584
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

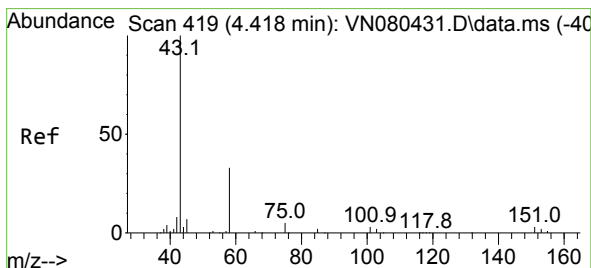
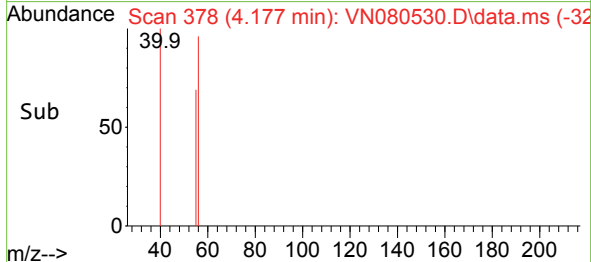
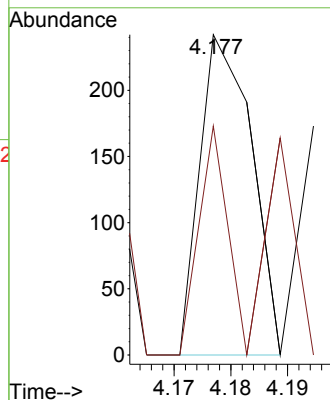
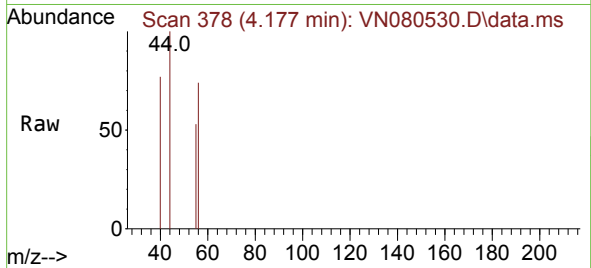




#13
Acrolein
Concen: 0.398 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

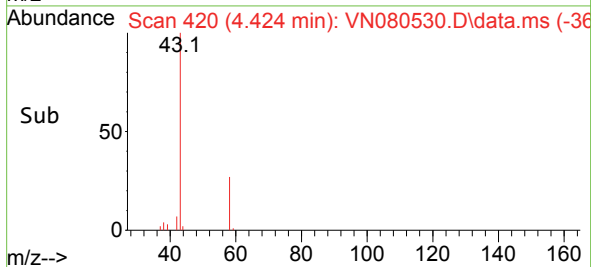
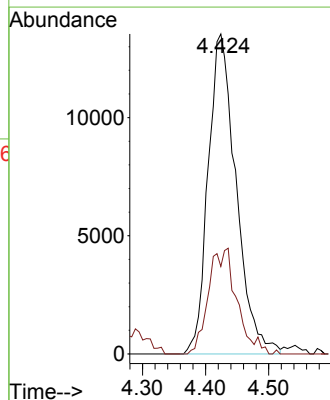
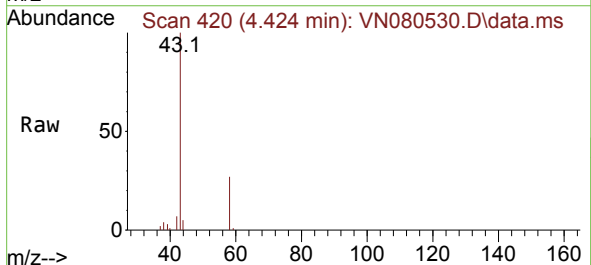
Instrument :
MSVOA_N
ClientSampleId :

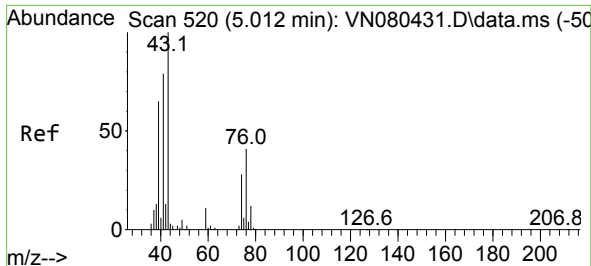
Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 77.8 54.5 81.7



#16
Acetone
Concen: 78.784 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 43 Resp: 41591
Ion Ratio Lower Upper
43 100
58 27.3 28.0 42.0#

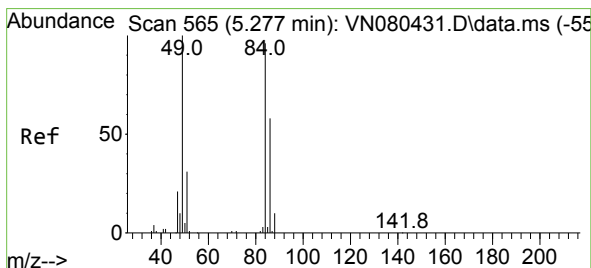
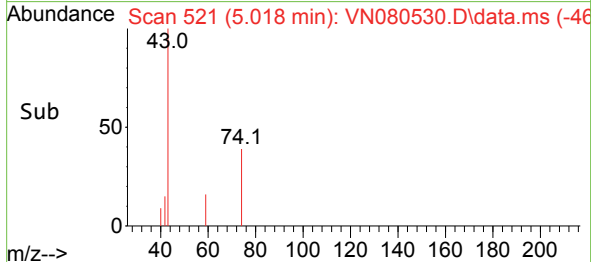
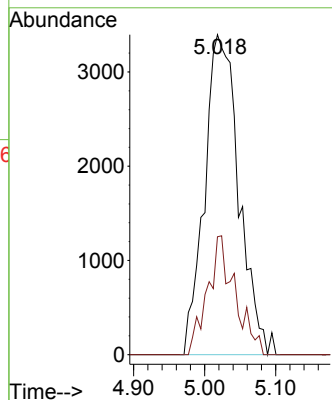
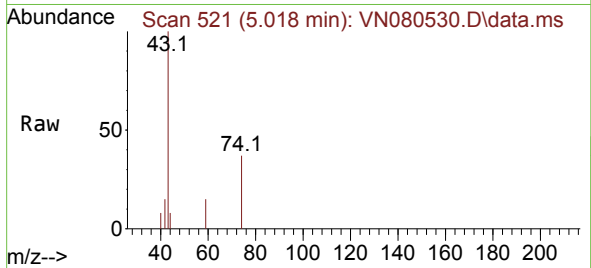




#18
Methyl Acetate
Concen: 3.359 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

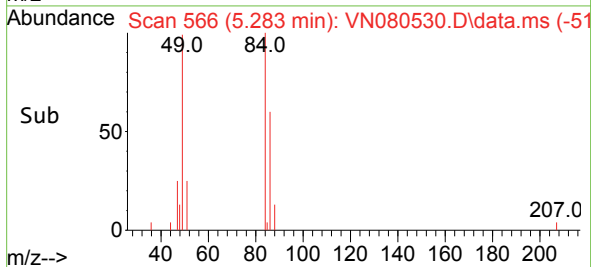
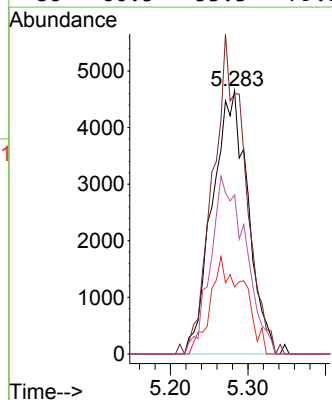
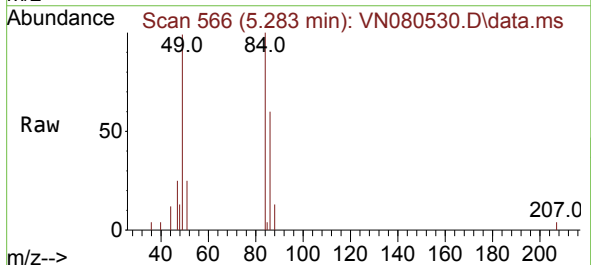
Instrument :
MSVOA_N
ClientSampleId :

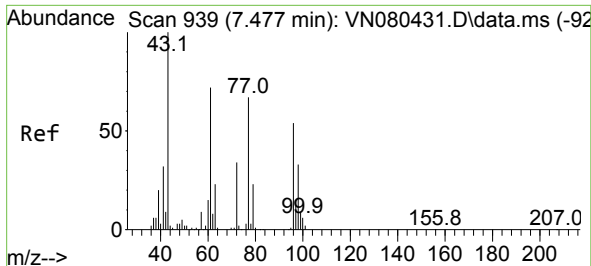
Tgt Ion: 43 Resp: 11410
Ion Ratio Lower Upper
43 100
74 29.9 26.2 39.4



#20
Methylene Chloride
Concen: 5.230 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 84 Resp: 14777
Ion Ratio Lower Upper
84 100
49 95.3 79.7 119.5
51 25.4 25.2 37.8
86 60.5 53.3 79.9

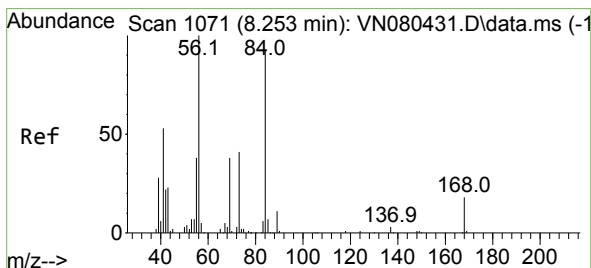
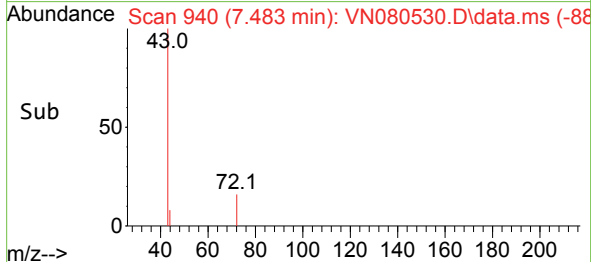
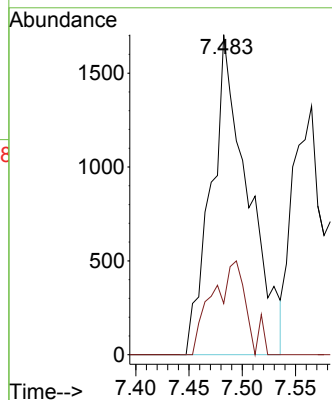
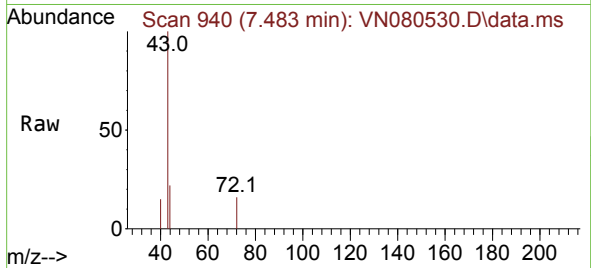




#25
2-Butanone
Concen: 4.042 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

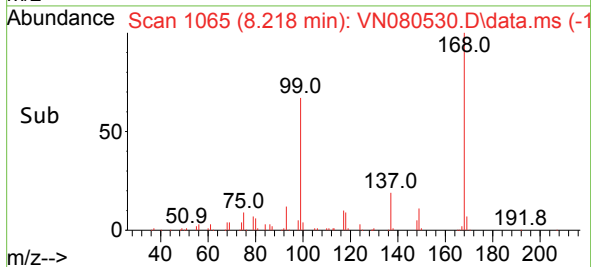
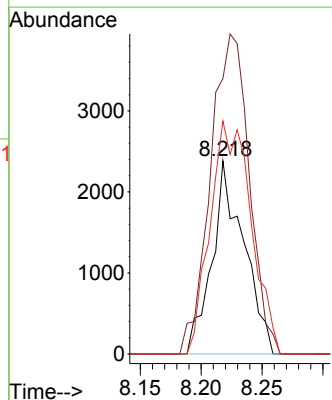
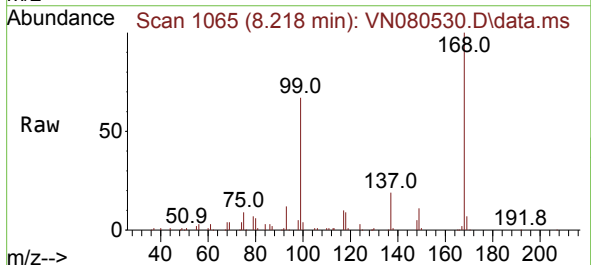
Instrument :
MSVOA_N
ClientSampleId :

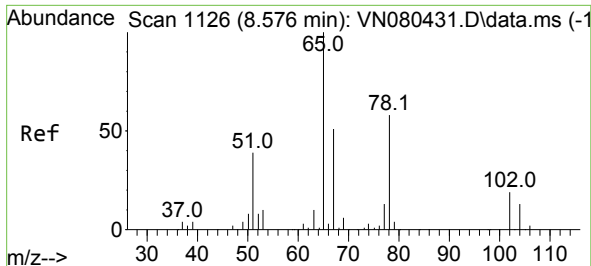
Tgt Ion: 43 Resp: 4111
Ion Ratio Lower Upper
43 100
72 16.0 30.2 45.2#



#31
Cyclohexane
Concen: 1.070 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 56 Resp: 4334
Ion Ratio Lower Upper
56 100
69 142.6 26.8 40.2#
84 120.6 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 54.437 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

Instrument :

MSVOA_N

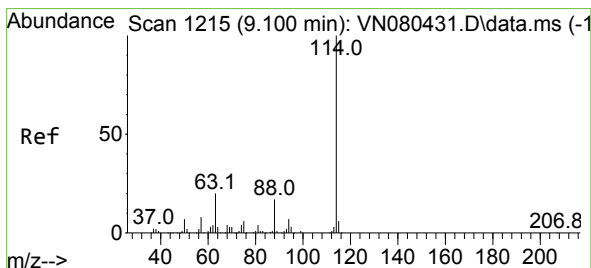
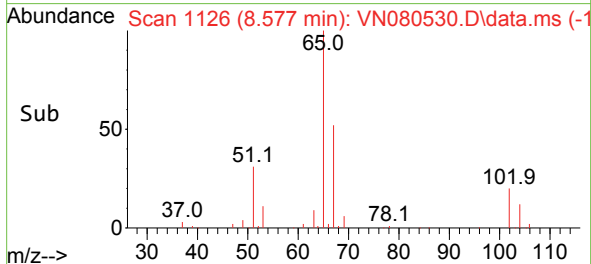
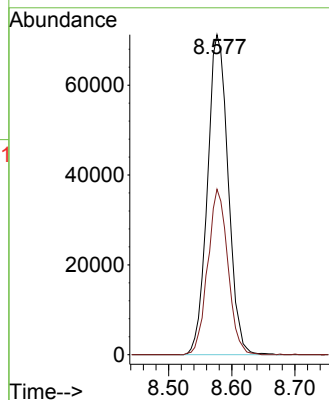
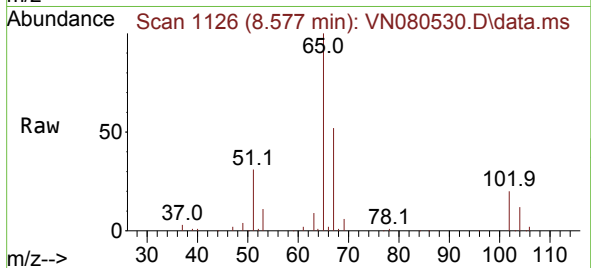
ClientSampleId :

Tgt Ion: 65 Resp: 162077

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

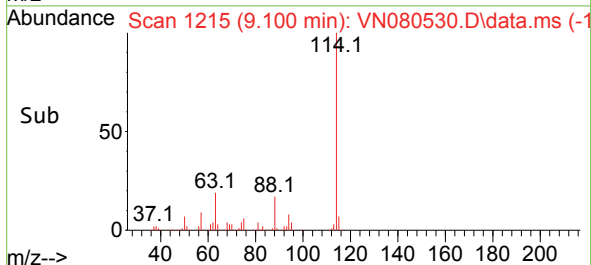
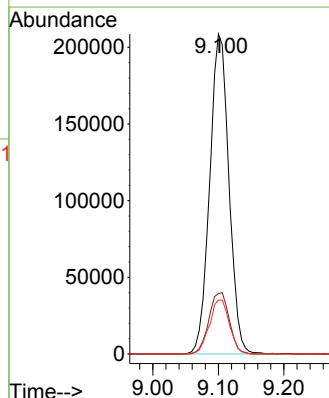
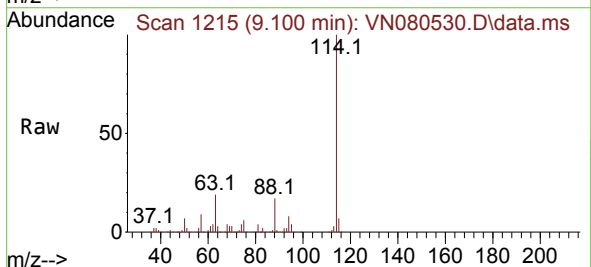
Tgt Ion: 114 Resp: 424948

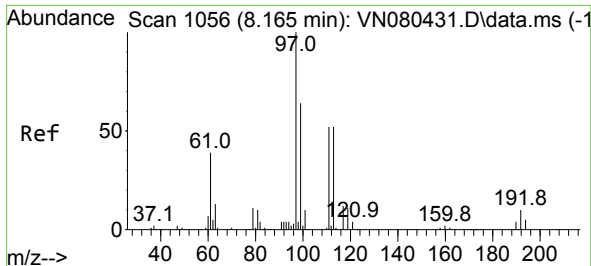
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 16.9 0.0 30.6

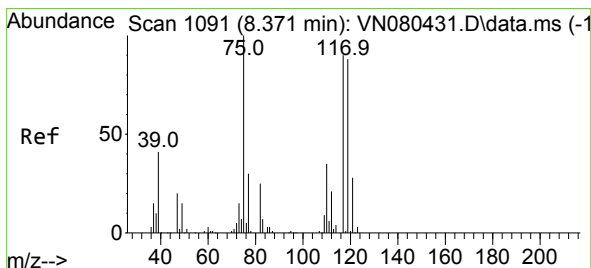
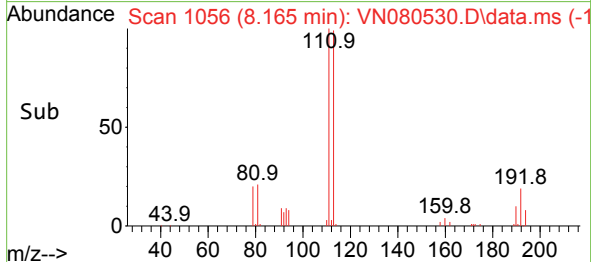
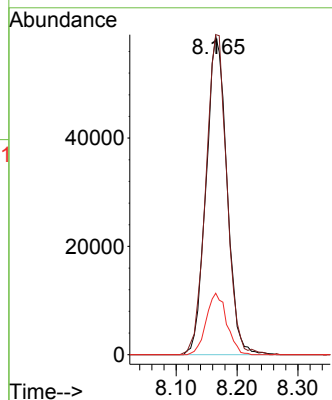
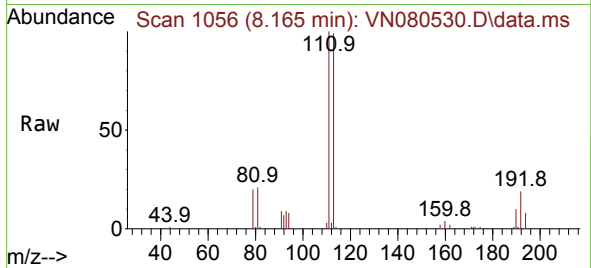




#35
Dibromofluoromethane
Concen: 51.972 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

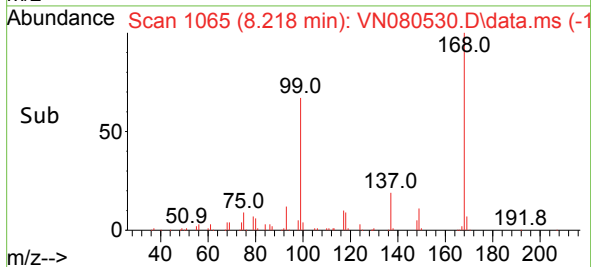
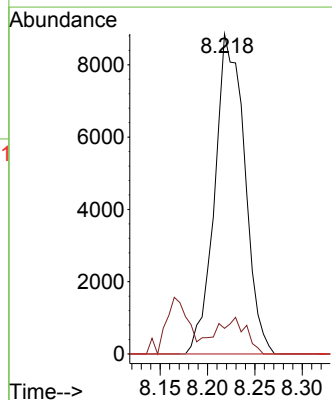
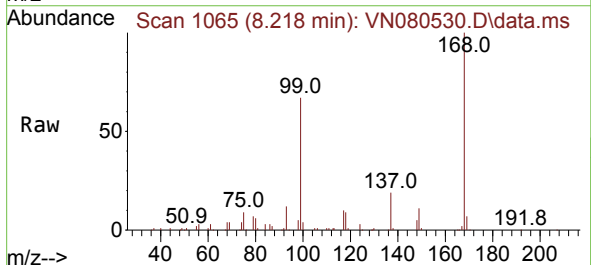
Instrument :
MSVOA_N
ClientSampleId :

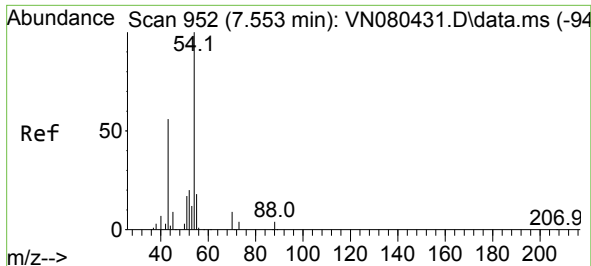
Tgt Ion:113 Resp: 140030
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 19.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.410 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 75 Resp: 19428
Ion Ratio Lower Upper
75 100
110 11.2 19.1 57.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.060 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.012 min

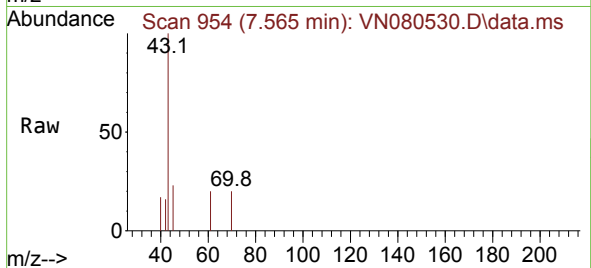
Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :



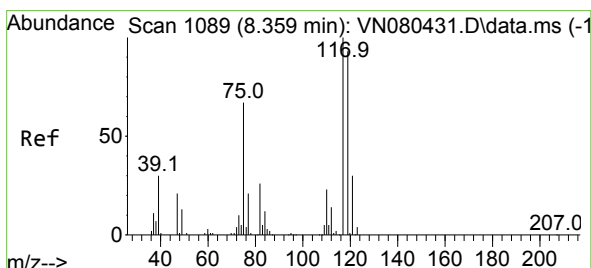
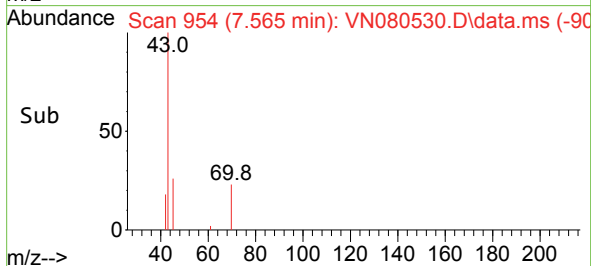
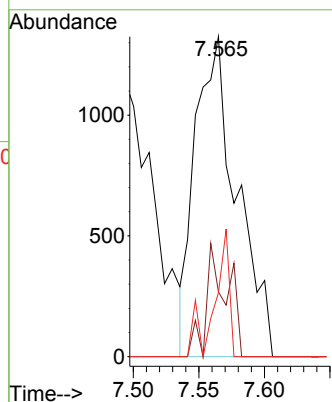
Tgt Ion: 43 Resp: 2924

Ion Ratio Lower Upper

43 100

61 18.0 13.2 19.8

70 11.5 11.3 16.9



#38

Carbon Tetrachloride

Concen: 4.918 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

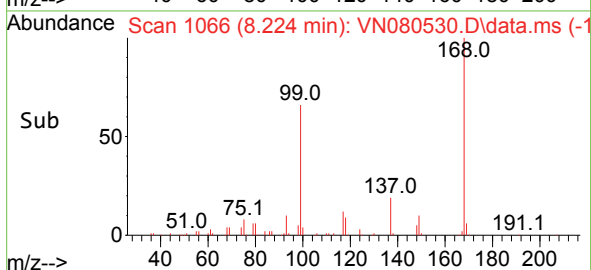
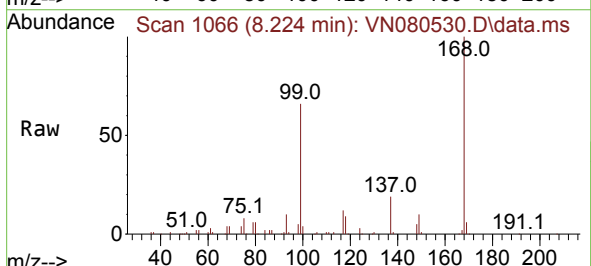
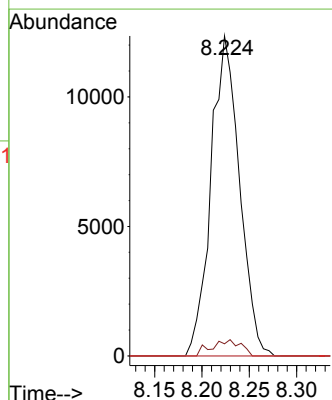
Tgt Ion: 117 Resp: 25889

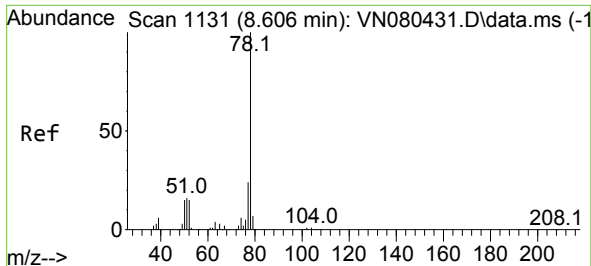
Ion Ratio Lower Upper

117 100

119 3.8 77.3 115.9#

121 0.0 23.3 34.9#

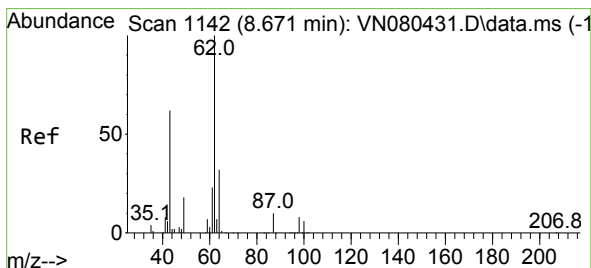
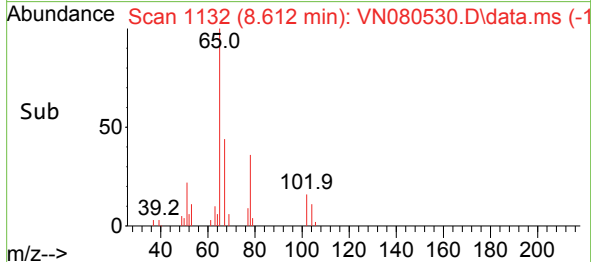
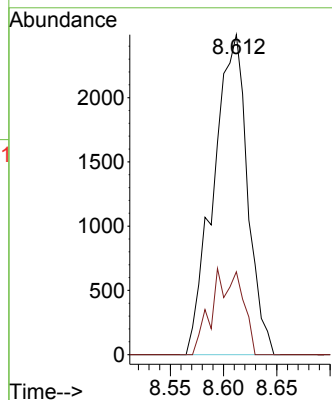
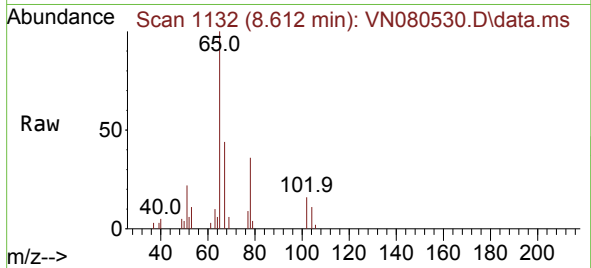




#40
Benzene
Concen: 0.435 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

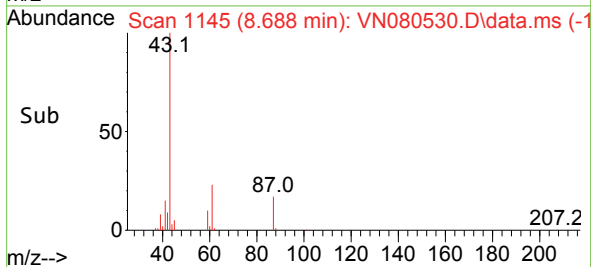
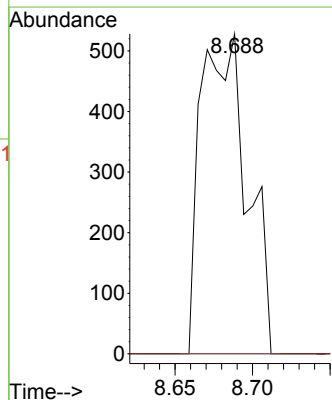
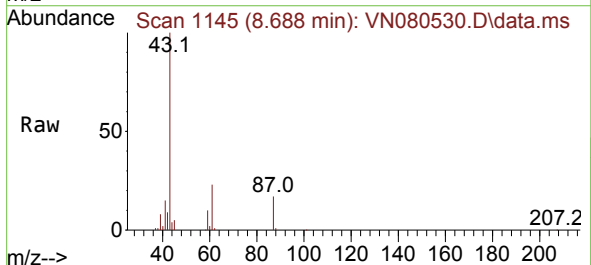
Instrument :
MSVOA_N
ClientSampleId :

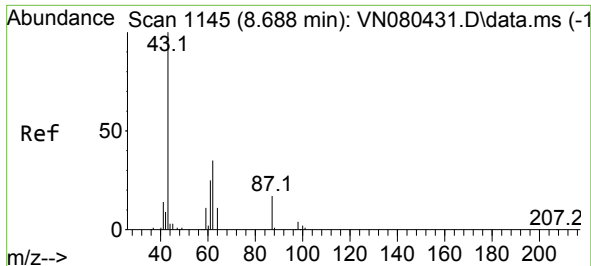
Tgt Ion: 78 Resp: 5533
Ion Ratio Lower Upper
78 100
77 25.9 19.0 28.6



#42
1,2-Dichloroethane
Concen: 0.233 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

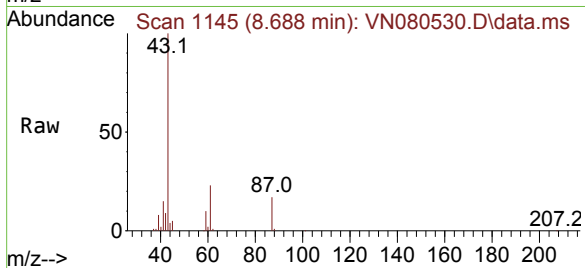
Tgt Ion: 62 Resp: 1098
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8



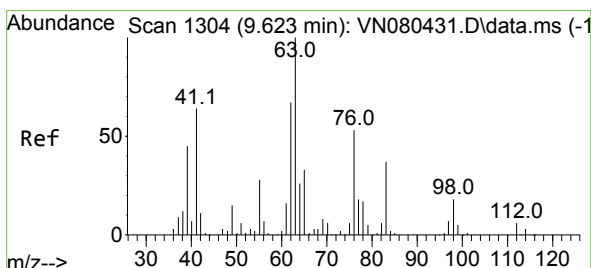
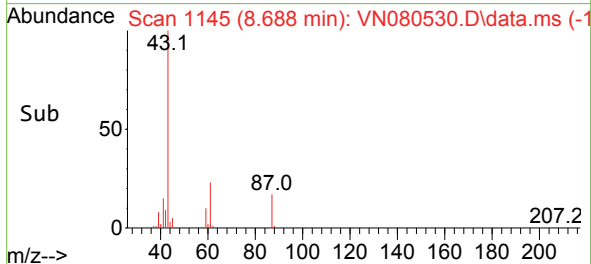
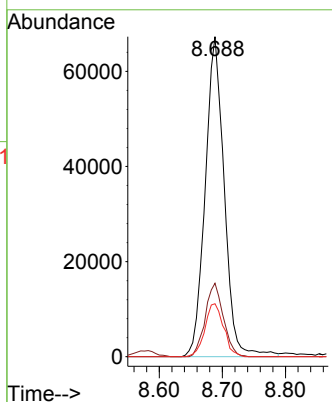


#43
Isopropyl Acetate
Concen: 28.437 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Instrument :
MSVOA_N
ClientSampleId :

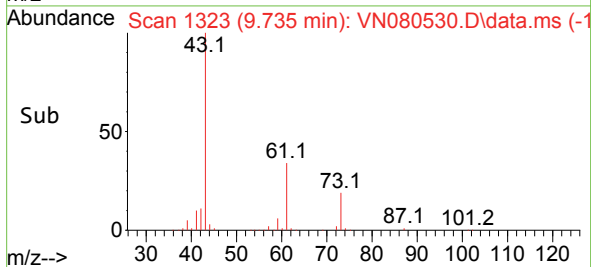
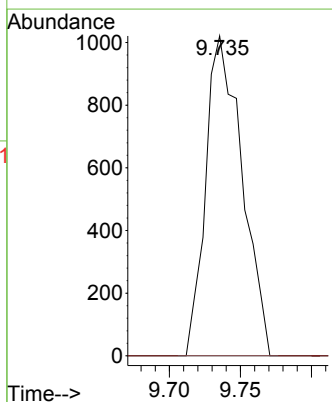
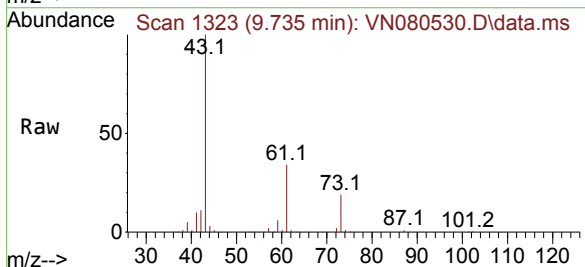


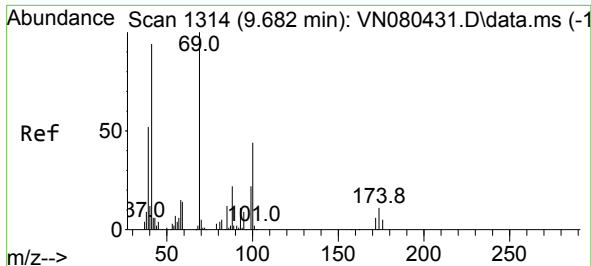
Tgt Ion: 43 Resp: 141052
Ion Ratio Lower Upper
43 100
61 21.9 24.7 37.1#
87 16.3 14.6 21.8



#45
1,2-Dichloropropane
Concen: 0.609 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.112 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

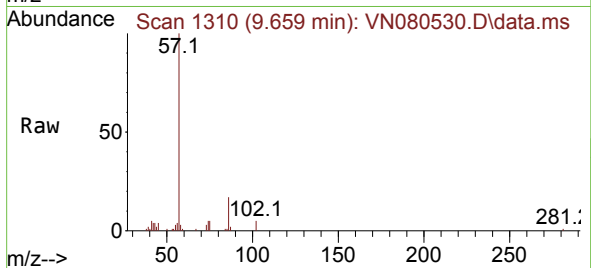
Tgt Ion: 63 Resp: 1819
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



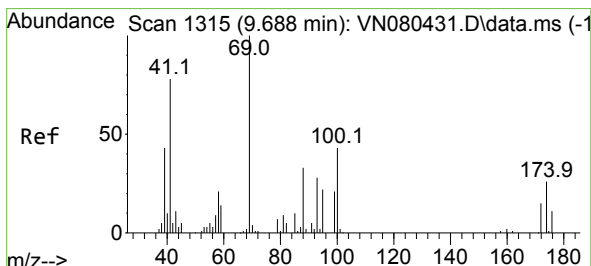
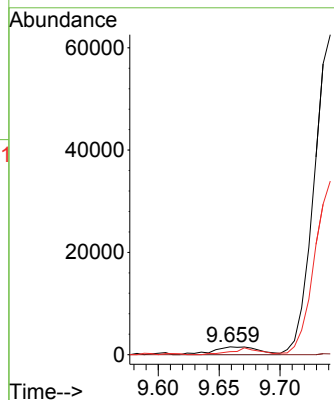
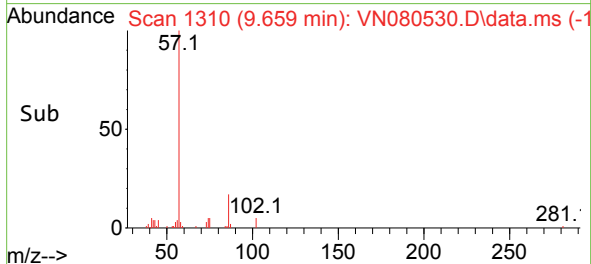


#48
Methyl methacrylate
Concen: 1.366 ug/l
RT: 9.659 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

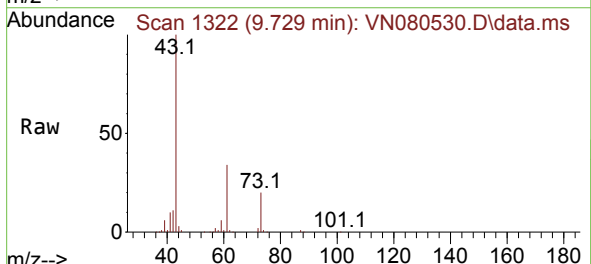
Instrument :
MSVOA_N
ClientSampleId :



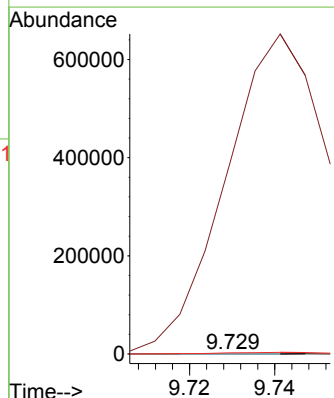
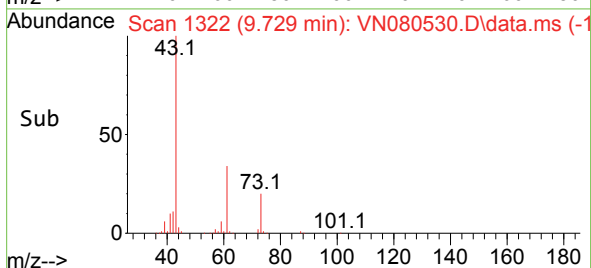
Tgt Ion: 41 Resp: 4043
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 51.3 54.6 81.8#

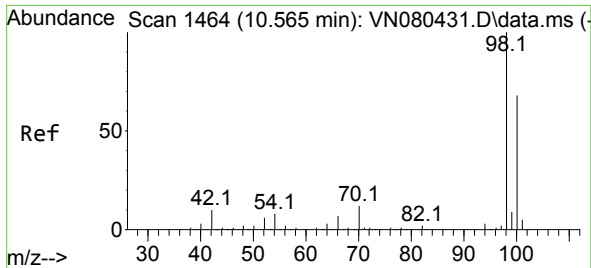


#49
1,4-Dioxane
Concen: 1.382 ug/l
RT: 9.729 min Scan# 1322
Delta R.T. 0.041 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07



Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#

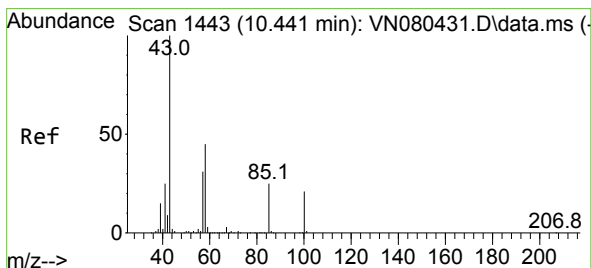
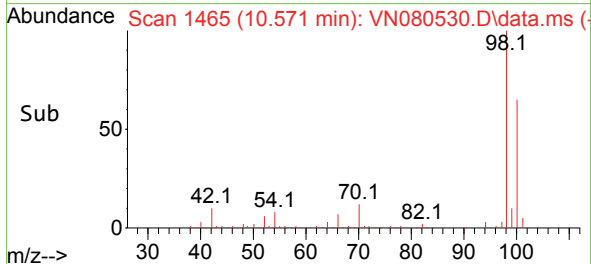
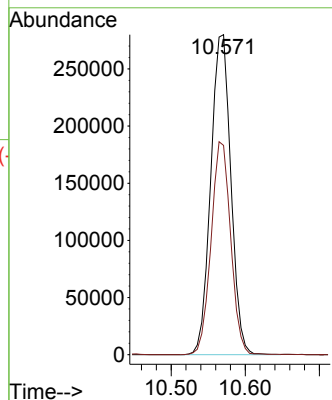
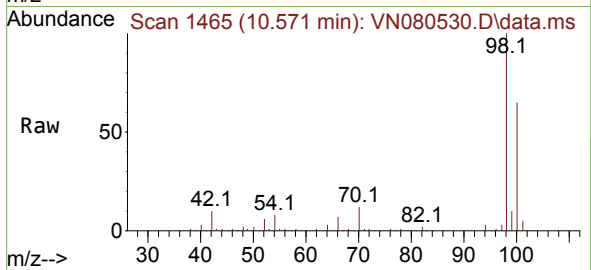




#50
Toluene-d8
Concen: 52.562 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

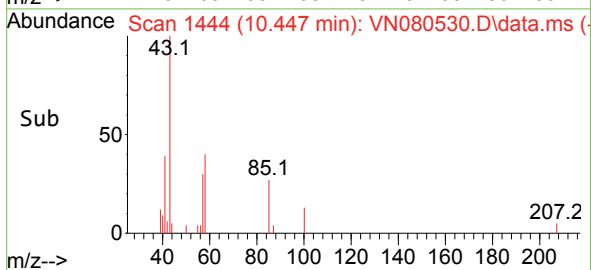
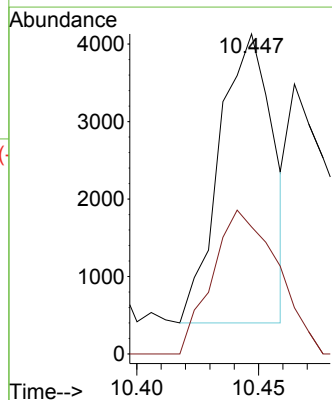
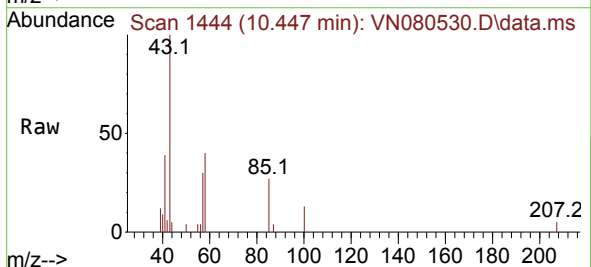
Instrument :
MSVOA_N
ClientSampleId :

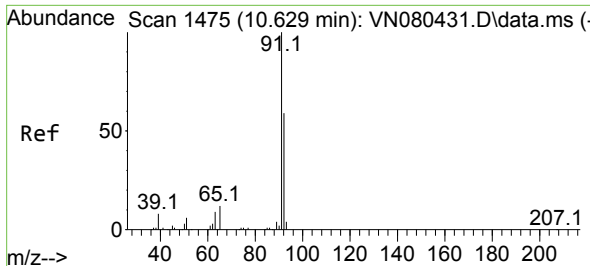
Tgt Ion: 98 Resp: 528170
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 2.094 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 43 Resp: 5721
Ion Ratio Lower Upper
43 100
58 60.6 36.6 54.8#

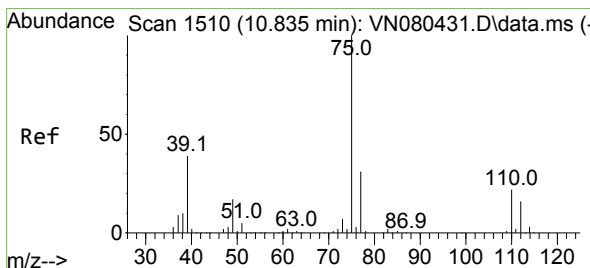
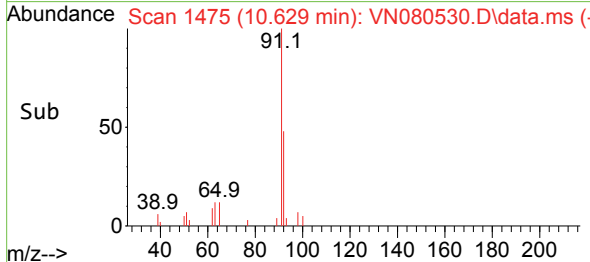
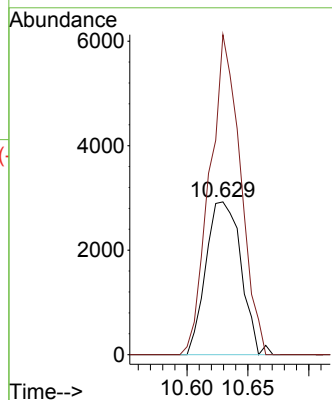
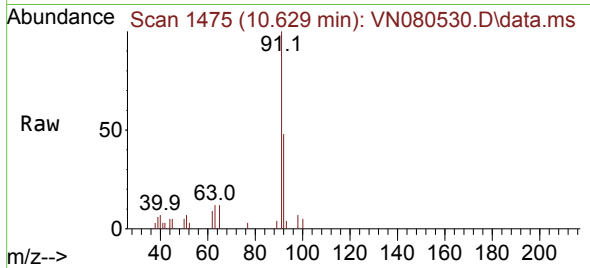




#52
Toluene
Concen: 0.730 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

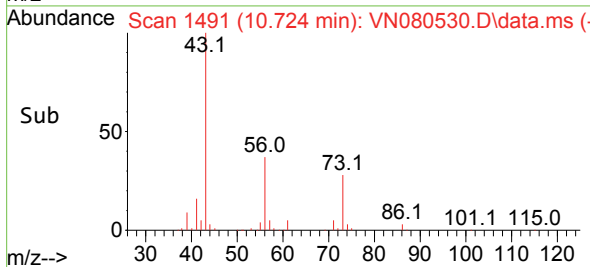
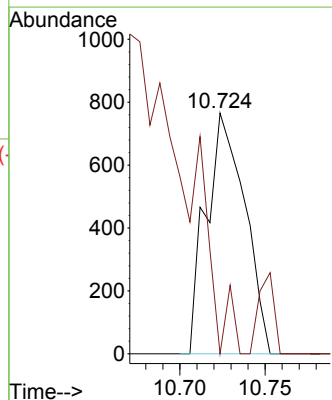
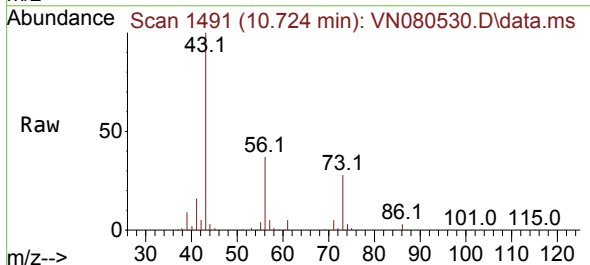
Instrument :
MSVOA_N
ClientSampleId :

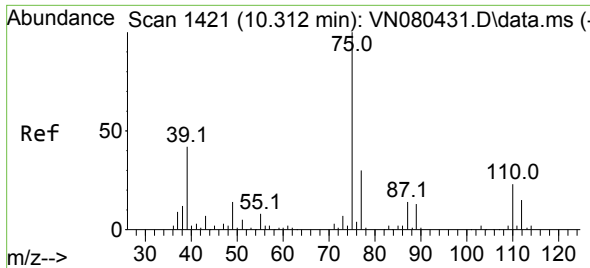
Tgt Ion: 92 Resp: 5868
Ion Ratio Lower Upper
92 100
91 183.6 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 0.243 ug/l
RT: 10.724 min Scan# 1491
Delta R.T. -0.112 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 75 Resp: 1211
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

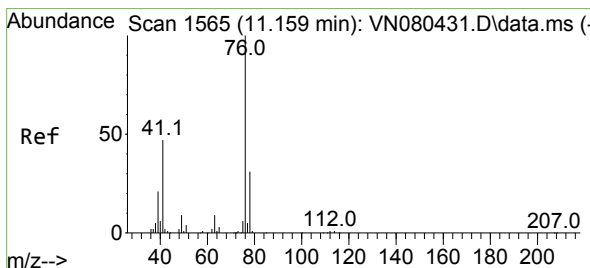
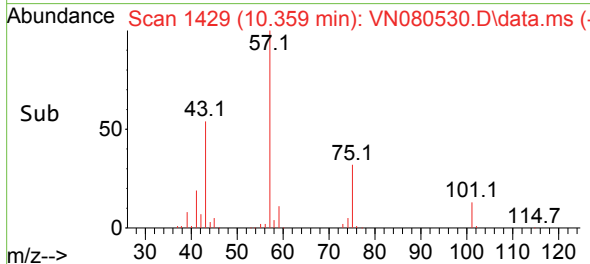
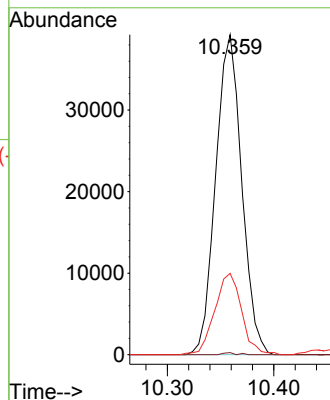
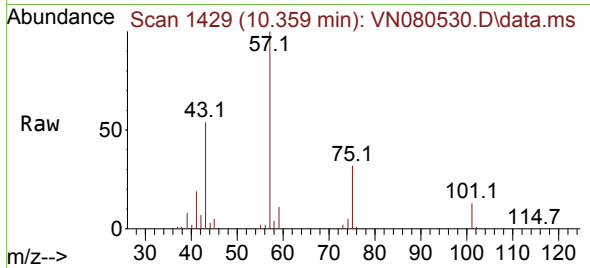




#54
 cis-1,3-Dichloropropene
 Concen: 12.507 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN080530.D
 Acq: 19 Dec 2023 19:07

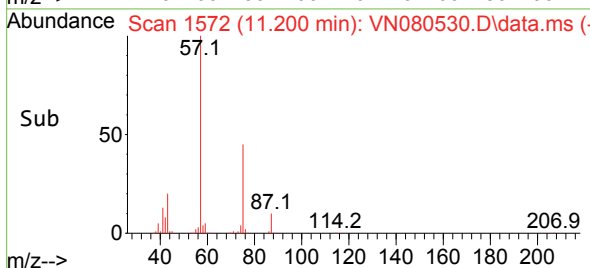
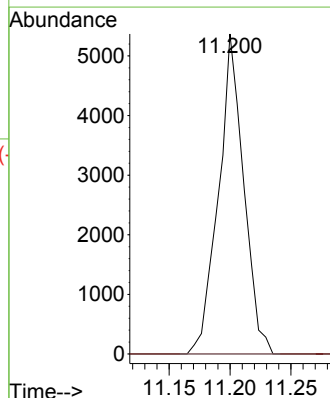
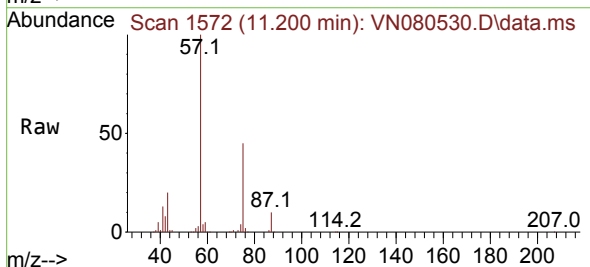
Instrument :
 MSVOA_N
 ClientSampleId :

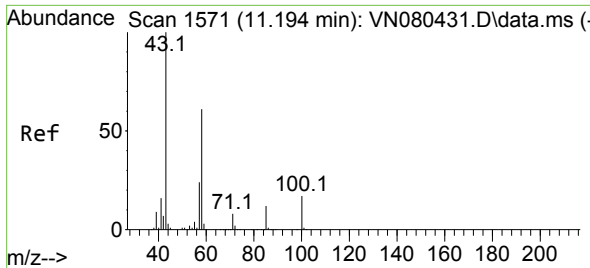
Tgt Ion: 75 Resp: 66510
 Ion Ratio Lower Upper
 75 100
 77 0.7 26.1 39.1#
 39 25.4 31.6 47.4#



#57
 1,3-Dichloropropane
 Concen: 1.525 ug/l
 RT: 11.200 min Scan# 1572
 Delta R.T. 0.041 min
 Lab File: VN080530.D
 Acq: 19 Dec 2023 19:07

Tgt Ion: 76 Resp: 7732
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

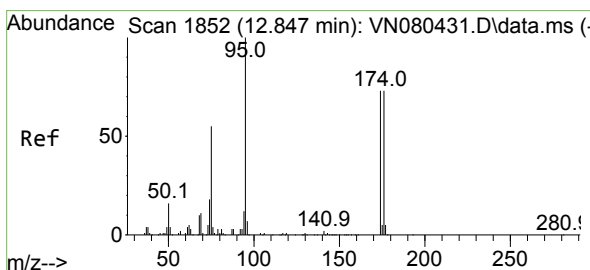
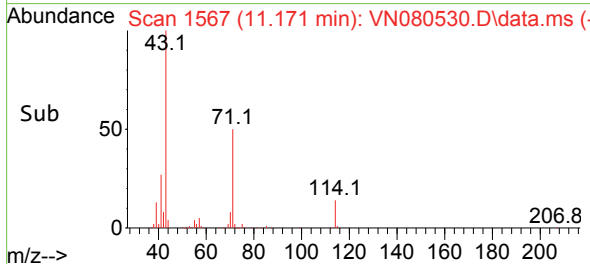
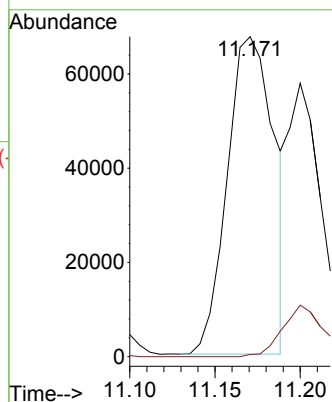
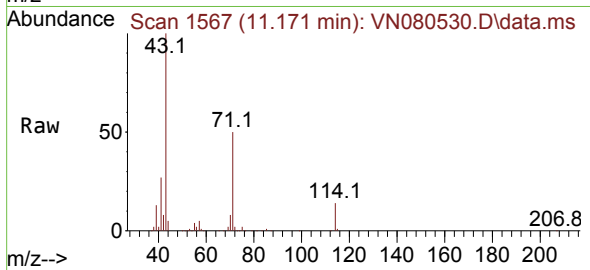




#59
2-Hexanone
Concen: 63.860 ug/l
RT: 11.171 min Scan# 1117
Delta R.T. -0.023 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

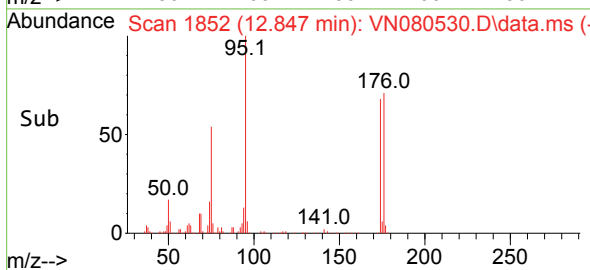
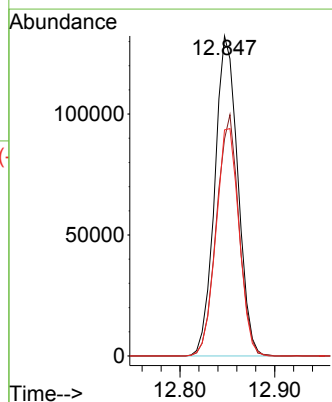
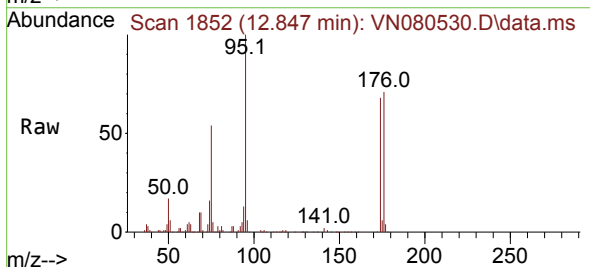
Instrument :
MSVOA_N
ClientSampleId :

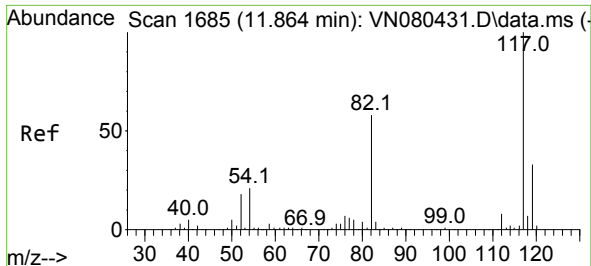
Tgt Ion: 43 Resp: 128789
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 58.636 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

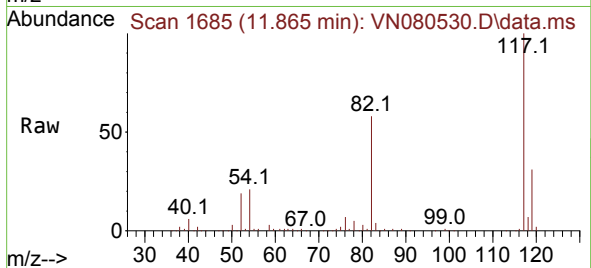
Tgt Ion: 95 Resp: 223734
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 71.6 0.0 135.8



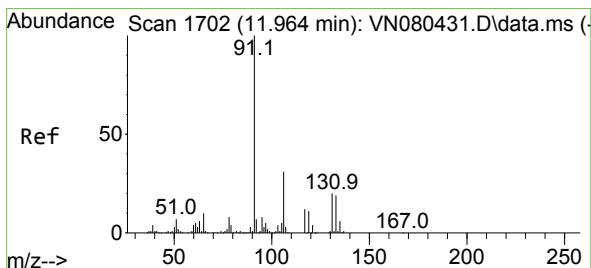
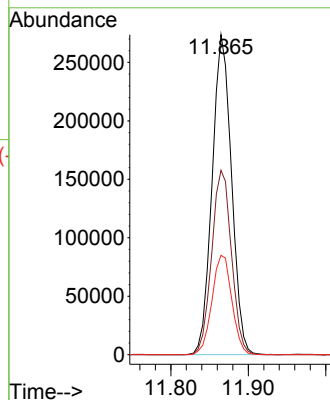
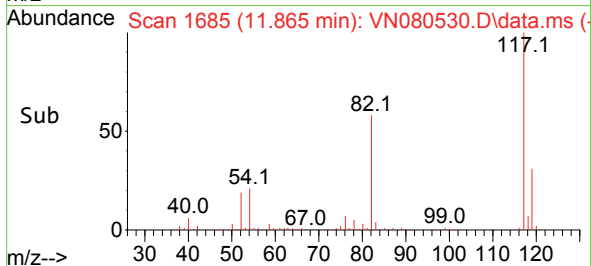


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Instrument :
MSVOA_N
ClientSampleId :

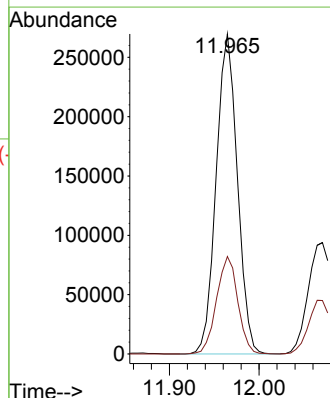
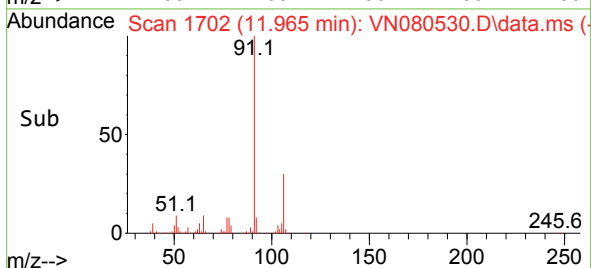
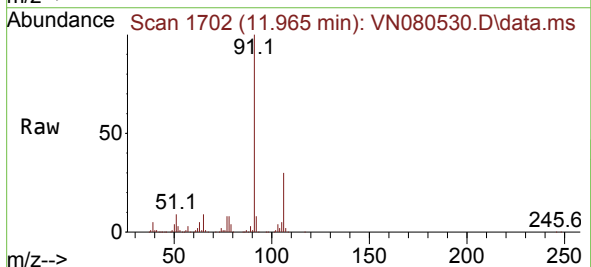


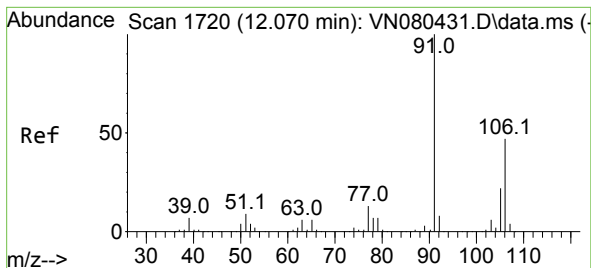
Tgt Ion:117 Resp: 475130
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 31.1 25.6 38.4



#67
Ethyl Benzene
Concen: 22.768 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 91 Resp: 442479
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4





#68

m/p-Xylenes

Concen: 12.066 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

Instrument :

MSVOA_N

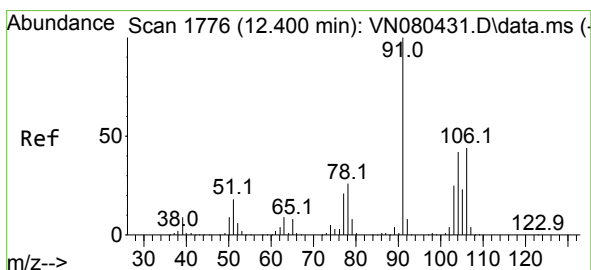
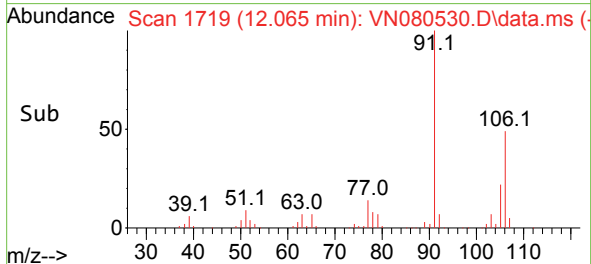
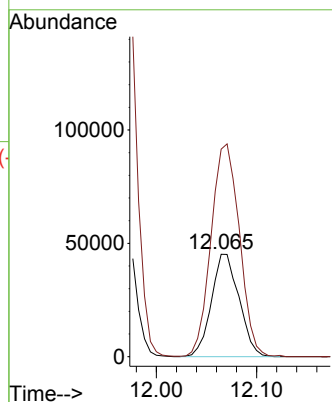
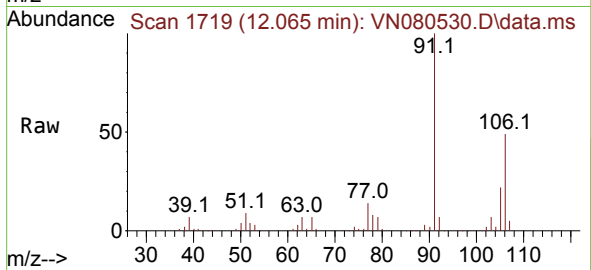
ClientSampleId :

Tgt Ion:106 Resp: 86650

Ion Ratio Lower Upper

106 100

91 213.7 159.6 239.4



#69

o-Xylene

Concen: 10.434 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080530.D

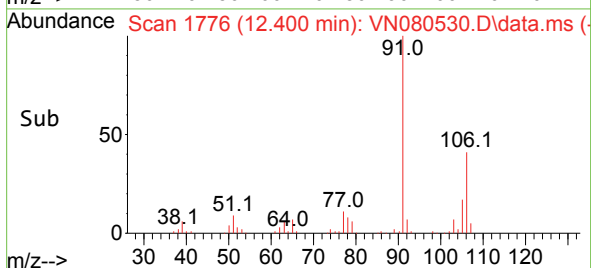
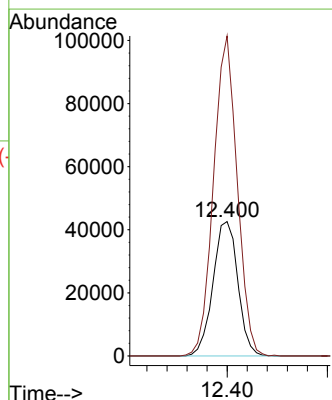
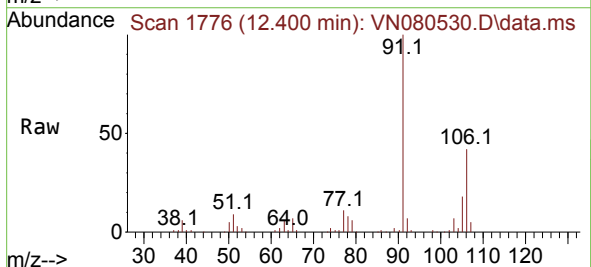
Acq: 19 Dec 2023 19:07

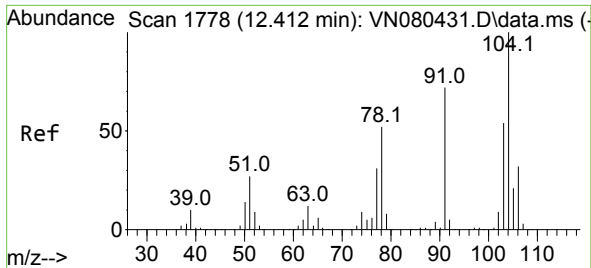
Tgt Ion:106 Resp: 73289

Ion Ratio Lower Upper

106 100

91 226.6 105.2 315.5

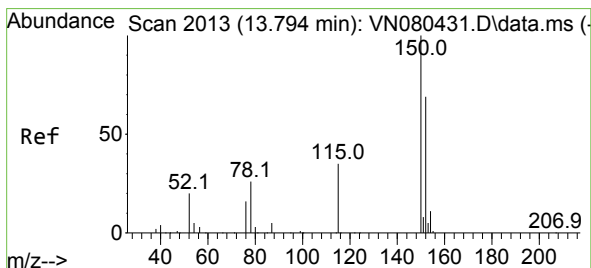
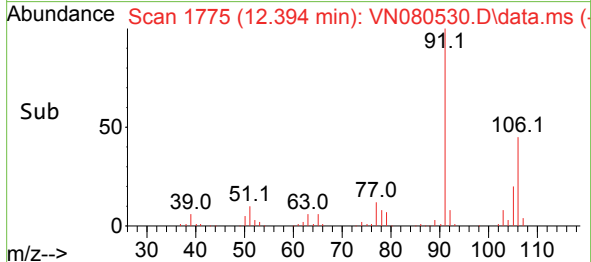
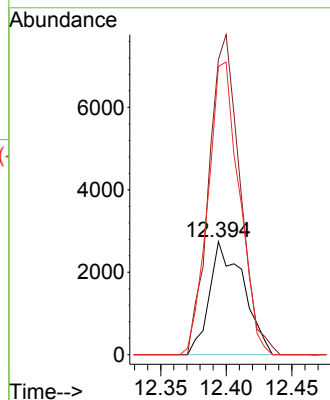
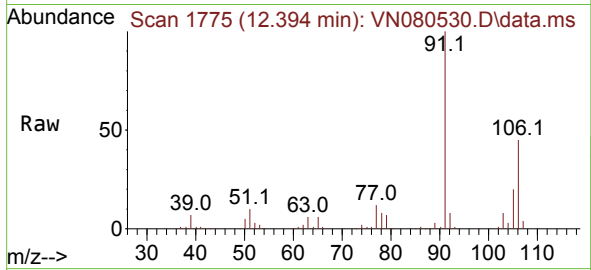




#70
Styrene
Concen: 0.489 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.017 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

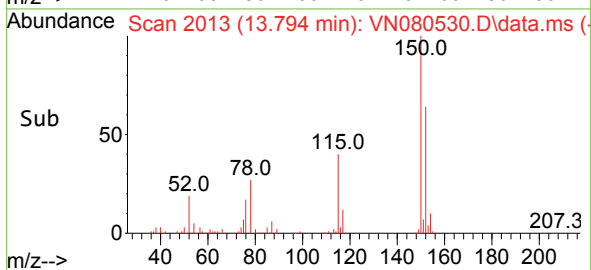
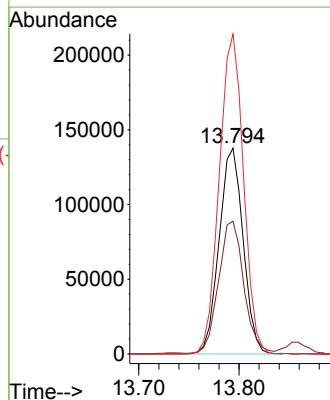
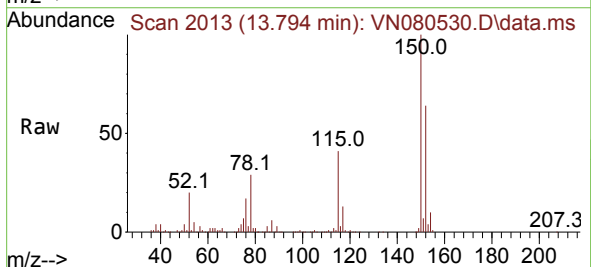
Instrument :
MSVOA_N
ClientSampleId :

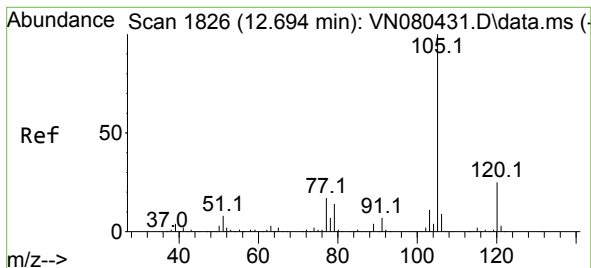
Tgt Ion:104 Resp: 4944
Ion Ratio Lower Upper
104 100
78 258.3 39.5 59.3#
103 239.1 43.2 64.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion:152 Resp: 228674
Ion Ratio Lower Upper
152 100
115 67.4 32.3 96.8
150 156.8 0.0 355.8





#73

Isopropylbenzene

Concen: 2.730 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

Instrument :

MSVOA_N

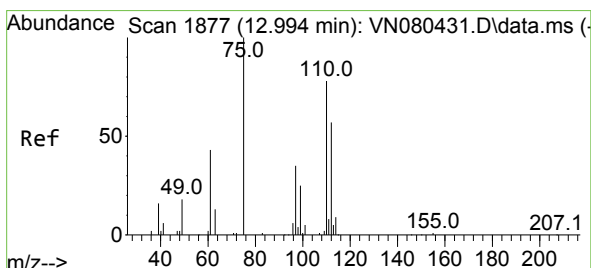
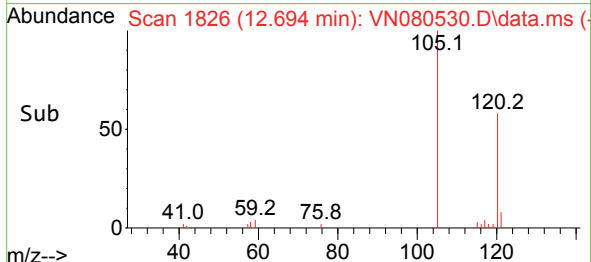
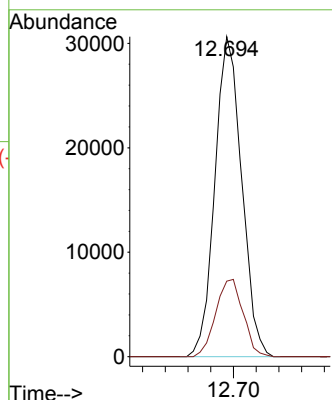
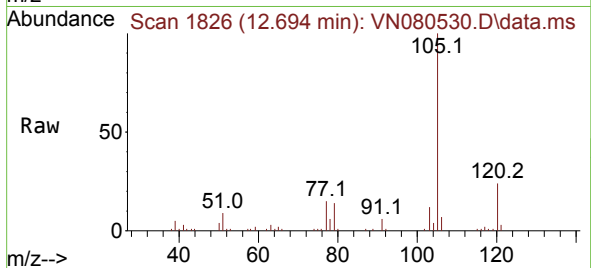
ClientSampleId :

Tgt Ion:105 Resp: 50142

Ion Ratio Lower Upper

105 100

120 24.7 13.1 39.1



#76

1,2,3-Trichloropropane

Concen: 26.450 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080530.D

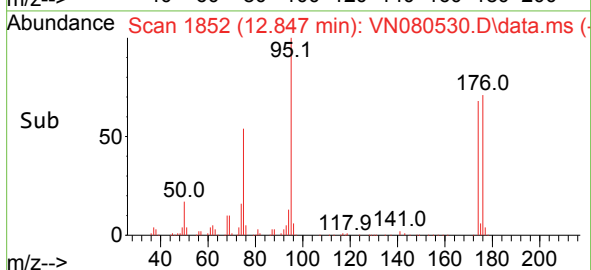
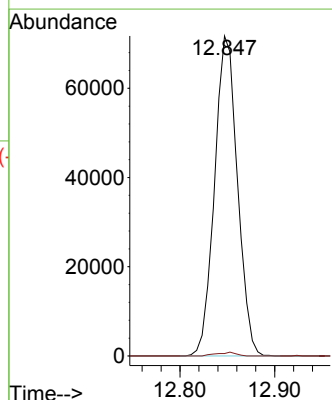
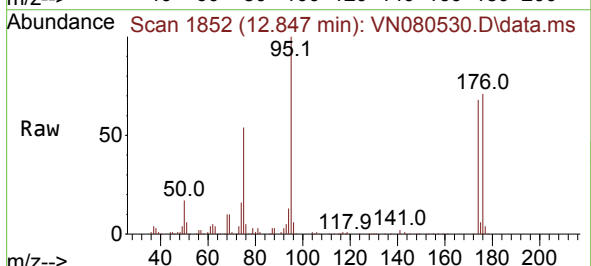
Acq: 19 Dec 2023 19:07

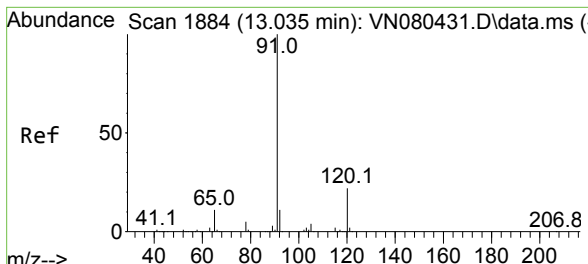
Tgt Ion: 75 Resp: 120663

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#

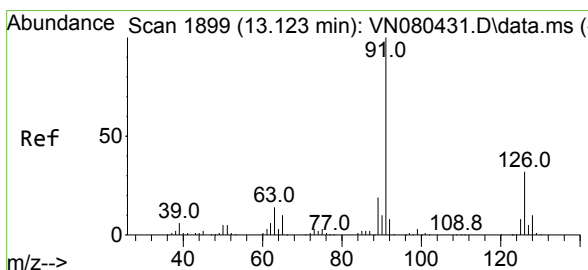
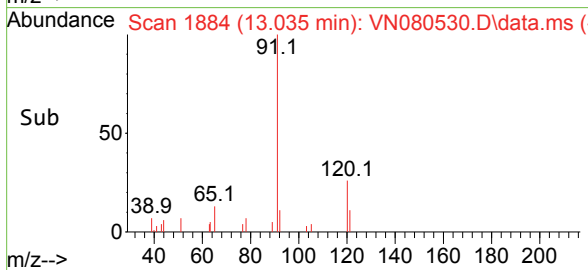
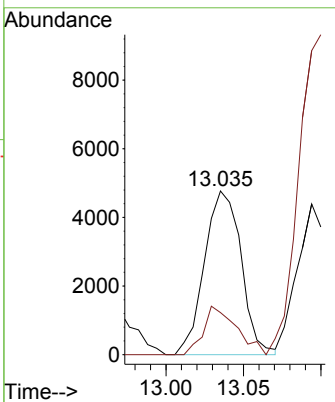
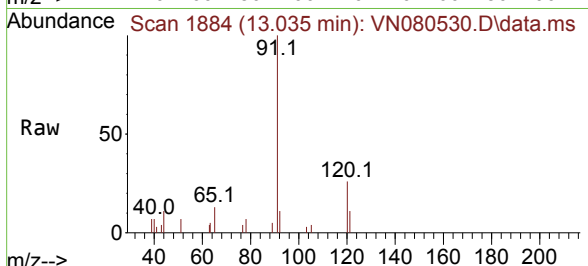




#78
 n-propylbenzene
 Concen: 0.389 ug/l
 RT: 13.035 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN080530.D
 Acq: 19 Dec 2023 19:07

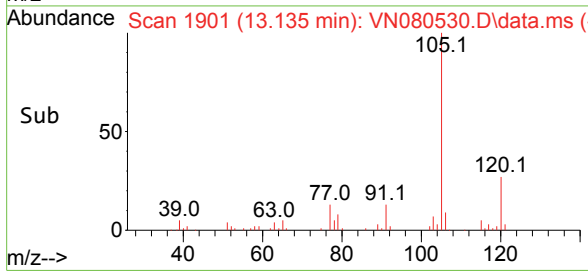
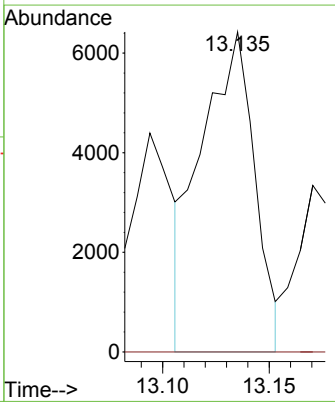
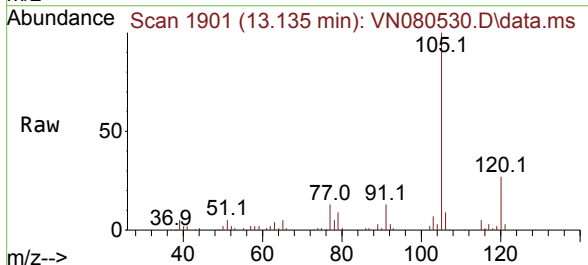
Instrument :
 MSVOA_N
 ClientSampleId :

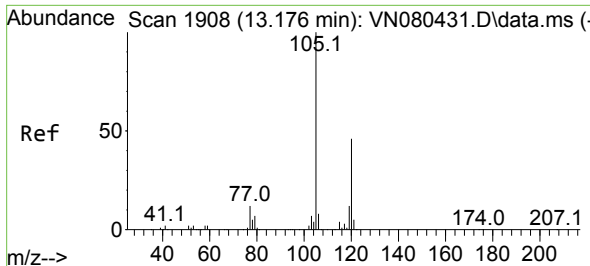
Tgt Ion:	91	Resp:	7870
Ion Ratio	Lower	Upper	
91	100		
120	26.6	11.5	34.4



#79
 2-Chlorotoluene
 Concen: 0.847 ug/l
 RT: 13.135 min Scan# 1901
 Delta R.T. 0.012 min
 Lab File: VN080530.D
 Acq: 19 Dec 2023 19:07

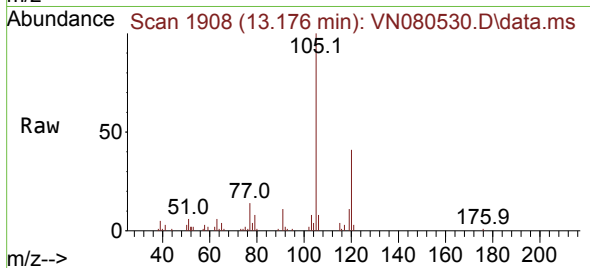
Tgt Ion:	91	Resp:	11199
Ion Ratio	Lower	Upper	
91	100		
126	0.0	16.3	48.8#



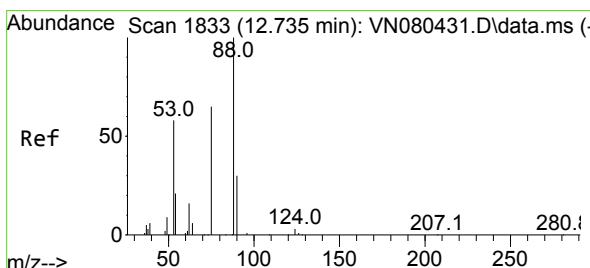
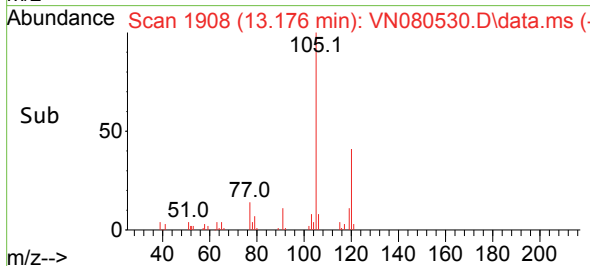
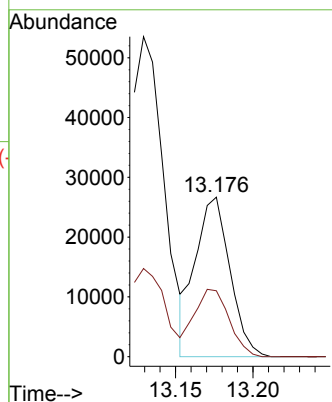


#80
 1,3,5-Trimethylbenzene
 Concen: 2.620 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN080530.D
 Acq: 19 Dec 2023 19:07

Instrument :
 MSVOA_N
 ClientSampleId :

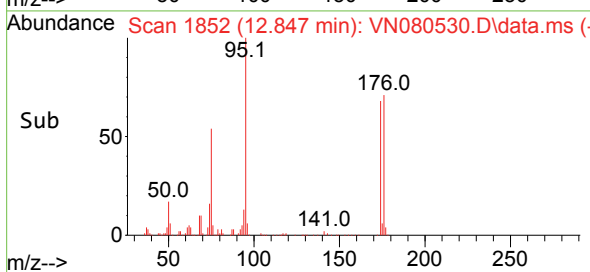
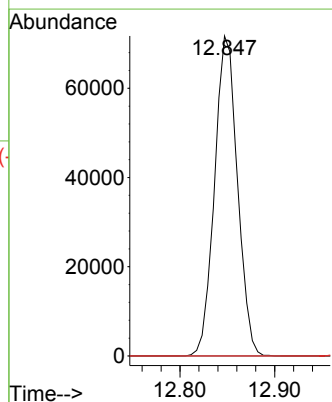
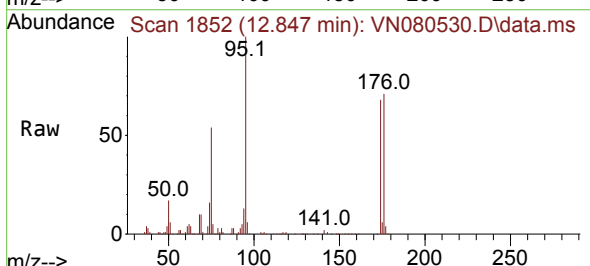


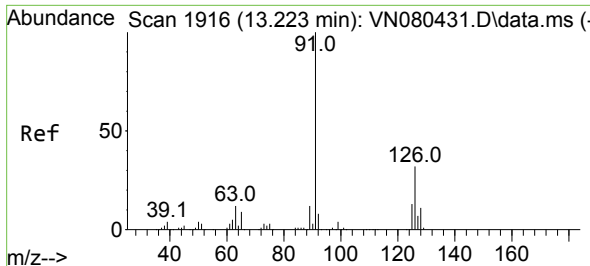
Tgt Ion:105 Resp: 41444
 Ion Ratio Lower Upper
 105 100
 120 42.7 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.446 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN080530.D
 Acq: 19 Dec 2023 19:07

Tgt Ion: 75 Resp: 120663
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

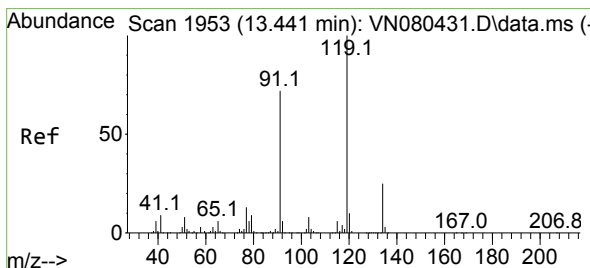
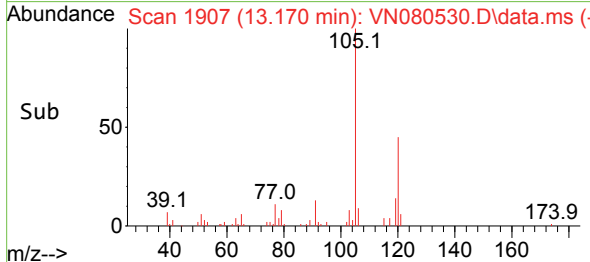
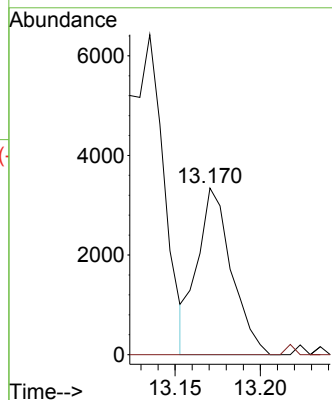
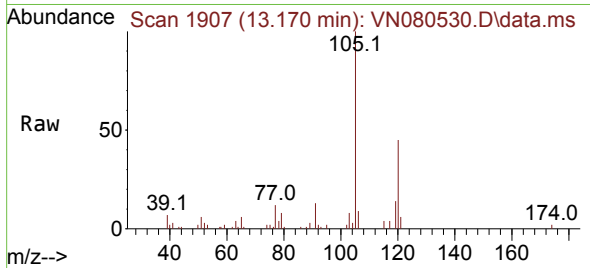




#82
4-Chlorotoluene
Concen: 0.343 ug/l
RT: 13.170 min Scan# 1916
Delta R.T. -0.053 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

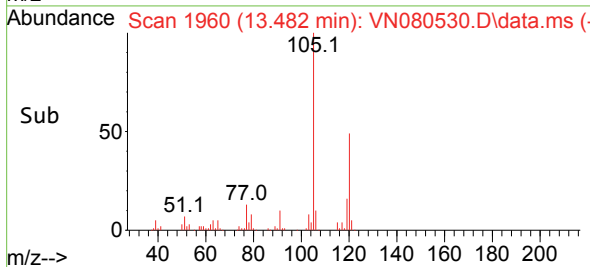
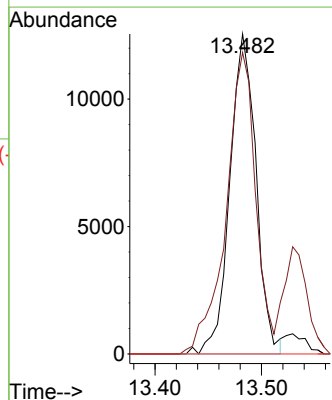
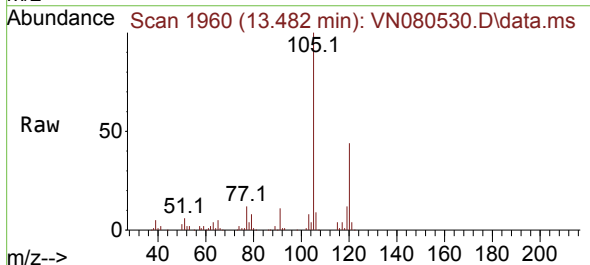
Instrument :
MSVOA_N
ClientSampleId :

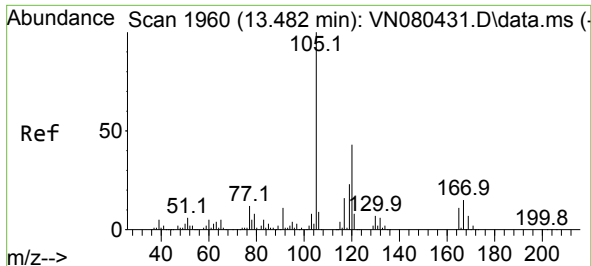
Tgt Ion: 91 Resp: 4667
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#83
tert-Butylbenzene
Concen: 1.656 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.041 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 119 Resp: 21453
Ion Ratio Lower Upper
119 100
91 106.7 33.9 101.7#
134 0.0 13.2 39.6#

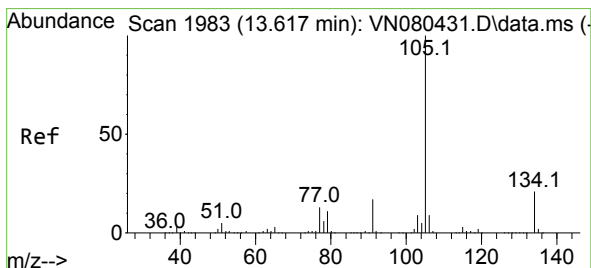
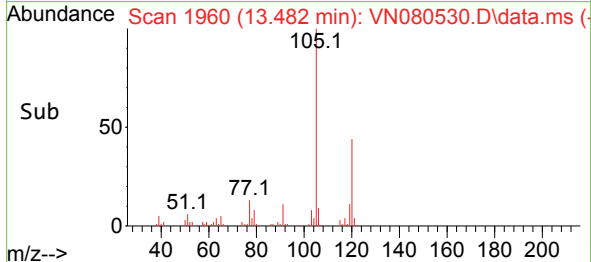
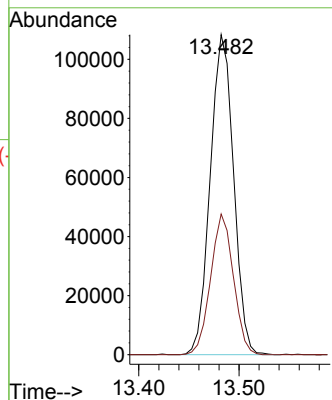
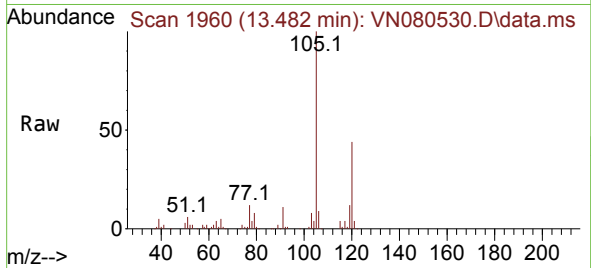




#84
1,2,4-Trimethylbenzene
Concen: 11.154 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

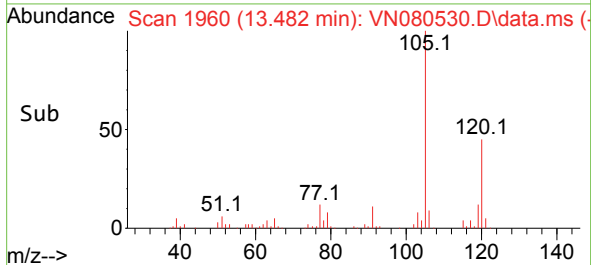
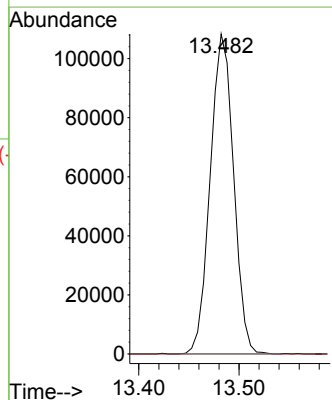
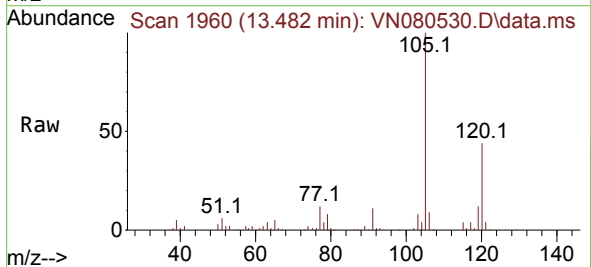
Instrument :
MSVOA_N
ClientSampleId :

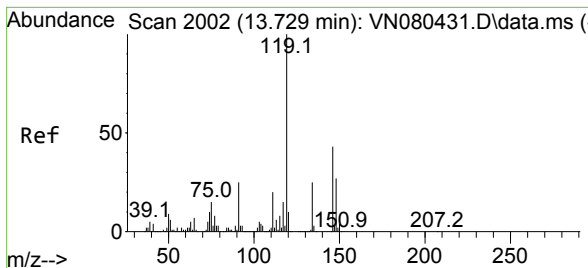
Tgt Ion:105 Resp: 175550
Ion Ratio Lower Upper
105 100
120 42.9 22.0 66.0



#85
sec-Butylbenzene
Concen: 10.592 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.135 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion:105 Resp: 175550
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 0.578 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

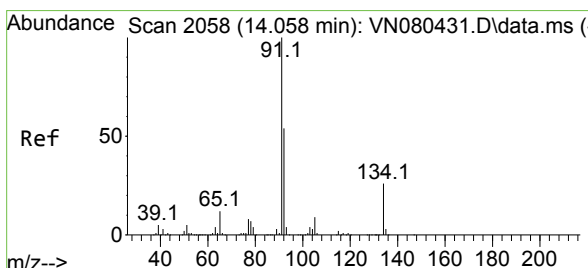
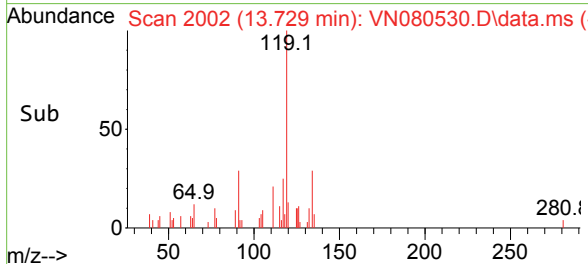
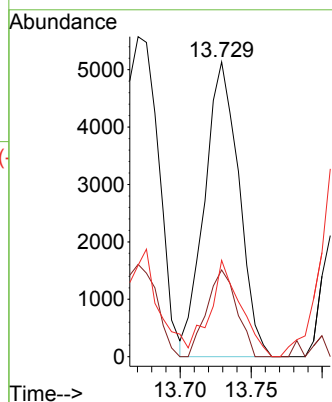
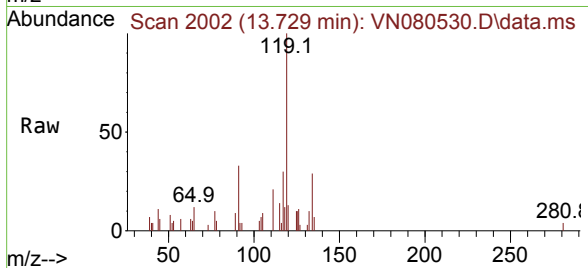
Tgt Ion:119 Resp: 8643

Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 0.0 12.4 37.2#



#89

n-Butylbenzene

Concen: 18.240 ug/l

RT: 13.994 min Scan# 2047

Delta R.T. -0.065 min

Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

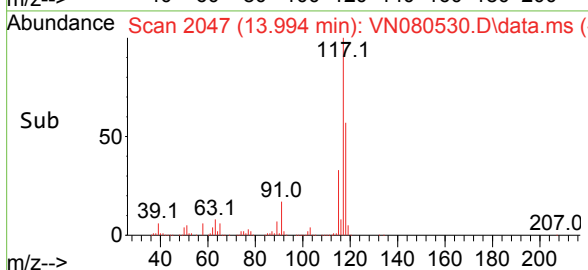
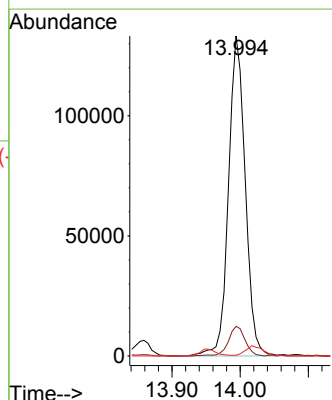
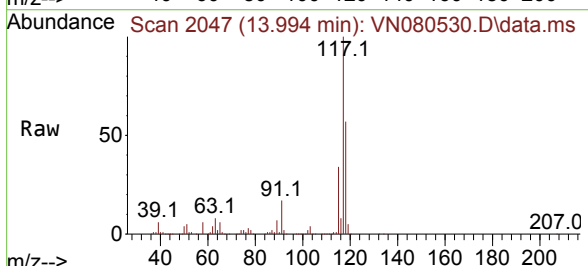
Tgt Ion: 91 Resp: 227963

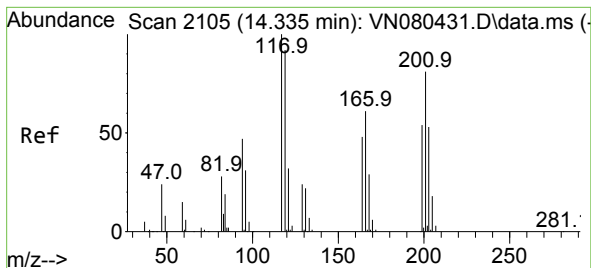
Ion Ratio Lower Upper

91 100

92 9.3 26.4 79.0#

134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 2.095 ug/l

RT: 14.323 min Scan# 2105

Delta R.T. -0.012 min

Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

Instrument :

MSVOA_N

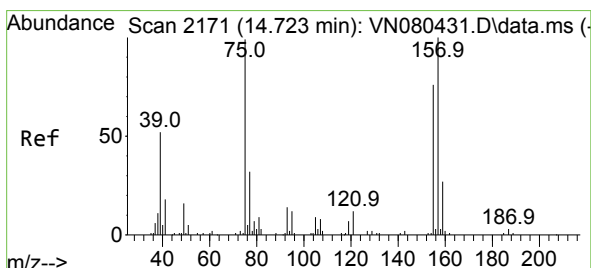
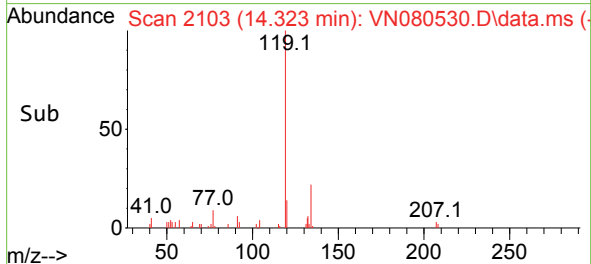
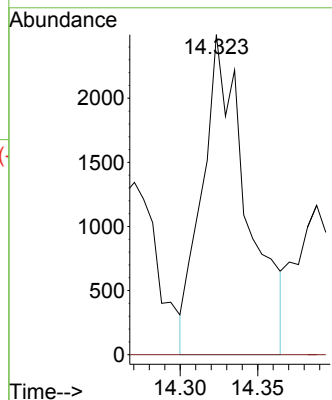
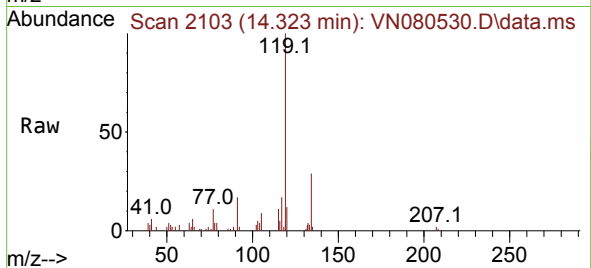
ClientSampleId :

Tgt Ion:117 Resp: 4980

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.275 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

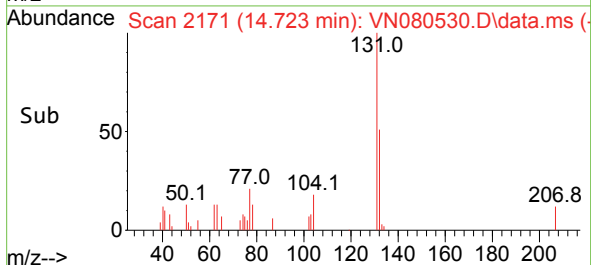
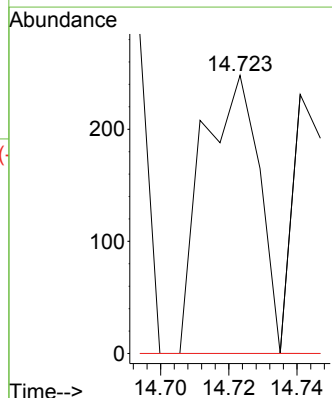
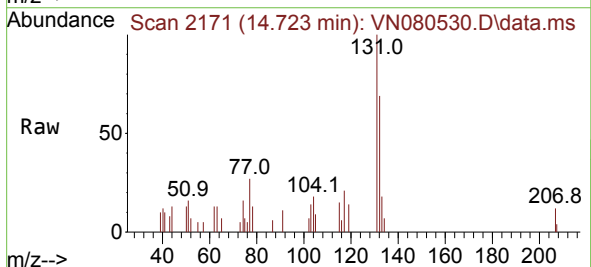
Tgt Ion: 75 Resp: 285

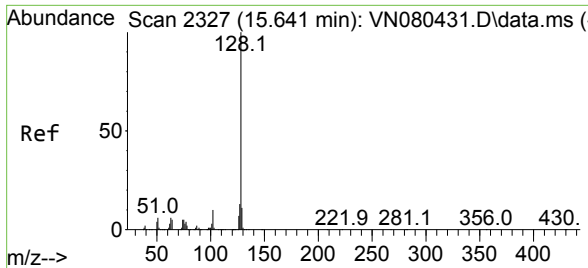
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

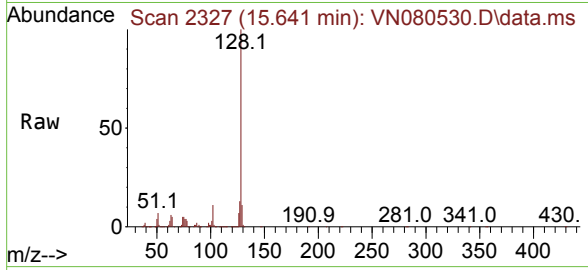
157 0.0 50.3 150.9#





#95
Naphthalene
Concen: 675.458 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 8609954
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1

