

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111023\
 Data File : VN080050.D
 Acq On : 10 Nov 2023 13:59
 Operator : JC\MD
 Sample : 05310-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 10 23:57:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards							
1) Bromochloromethane		7.818	128	77133	30.000	ug/l	0.00
28) 1,4-Difluorobenzene		9.106	114	425844	30.000	ug/l	0.00
57) Chlorobenzene-d5		11.871	117	403381	30.000	ug/l	0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4		8.583	65	198498	30.657	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.200%	
60) 4-Bromofluorobenzene		12.853	95	189707	29.409	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.033%	
63) Toluene-d8		10.571	98	518997	27.154	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	90.500%#	
Target Compounds							
						Qvalue	
8) Diethyl Ether		3.965	74	2163	0.758	ug/l	62
14) Acrylonitrile		5.518	53	1945	0.795	ug/l #	33
15) Acetone		4.436	58	28701	34.758	ug/l	97
16) Carbon Disulfide		4.712	76	10976	0.809	ug/l #	81
18) Methylene Chloride		5.271	84	8914	1.674	ug/l	92
23) tert-Butyl Alcohol		5.518	59	406120	615.257	ug/l #	100
25) Chloroform		7.965	83	272881	27.310	ug/l	97
30) 2-Butanone		7.488	43	150637	43.158	ug/l	97
33) Carbon Tetrachloride		7.971	117	1472	0.201	ug/l	97
34) Benzene		8.612	78	217321	10.010	ug/l	99
41) Bromodichloromethane		9.894	83	6151	0.800	ug/l #	89
45) 1,4-Dioxane		9.700	88	10612	128.888	ug/l #	76
47) n-amyl Acetate		12.347	43	1861	0.217	ug/l	94
56) Bromoform		12.847	173	1140	0.321	ug/l #	1
58) 4-Methyl-2-Pentanone		10.447	43	41525	6.162	ug/l	96
59) 2-Hexanone		11.171	43	440617	85.829	ug/l #	34
62) Toluene		10.635	91	710746	30.464	ug/l	99
64) Chlorobenzene		11.894	112	60739	4.363	ug/l	93
66) Ethyl Benzene		11.965	91	310184	12.652	ug/l	98
67) m/p-Xylenes		12.071	106	144941	15.880	ug/l	95
68) o-Xylene		12.400	106	97441	11.138	ug/l	98
69) Styrene		12.412	104	15910	1.099	ug/l #	2
70) Isopropylbenzene		12.700	105	40441	1.853	ug/l	94
74) n-propylbenzene		13.041	91	23925	0.916	ug/l	95
75) 2-Chlorotoluene		13.129	91	12804	0.772	ug/l	84
76) 1,3,5-Trimethylbenzene		13.176	105	85111	4.715	ug/l	98
78) 4-Chlorotoluene		13.176	91	9153	0.555	ug/l	48
80) 1,2,4-Trimethylbenzene		13.488	105	266631	15.065	ug/l	99
81) sec-Butylbenzene		13.488	105	266631	13.363	ug/l	58
82) p-Isopropyltoluene		13.729	119	1093136	67.458	ug/l	98
83) 1,3-Dichlorobenzene		13.735	146	4093	0.419	ug/l	89
84) 1,4-Dichlorobenzene		13.817	146	318144	33.156	ug/l	98
85) n-Butylbenzene		14.053	91	3490	0.258	ug/l	63
86) Hexachloroethane		14.335	117	4678	1.485	ug/l #	18
87) 1,2-Dichlorobenzene		14.112	146	12225	1.309	ug/l	91
88) 1,2-Dibromo-3-Chloropr...		14.700	75	621	0.457	ug/l #	6
89) 1,2,4-Trichlorobenzene		15.841	180	934	0.216	ug/l #	50
91) Naphthalene		15.647	128	612572	44.117	ug/l	99

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Instrument :
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Quant Time: Nov 10 23:57:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 09 04:02:05 2023
Response via : Initial Calibration

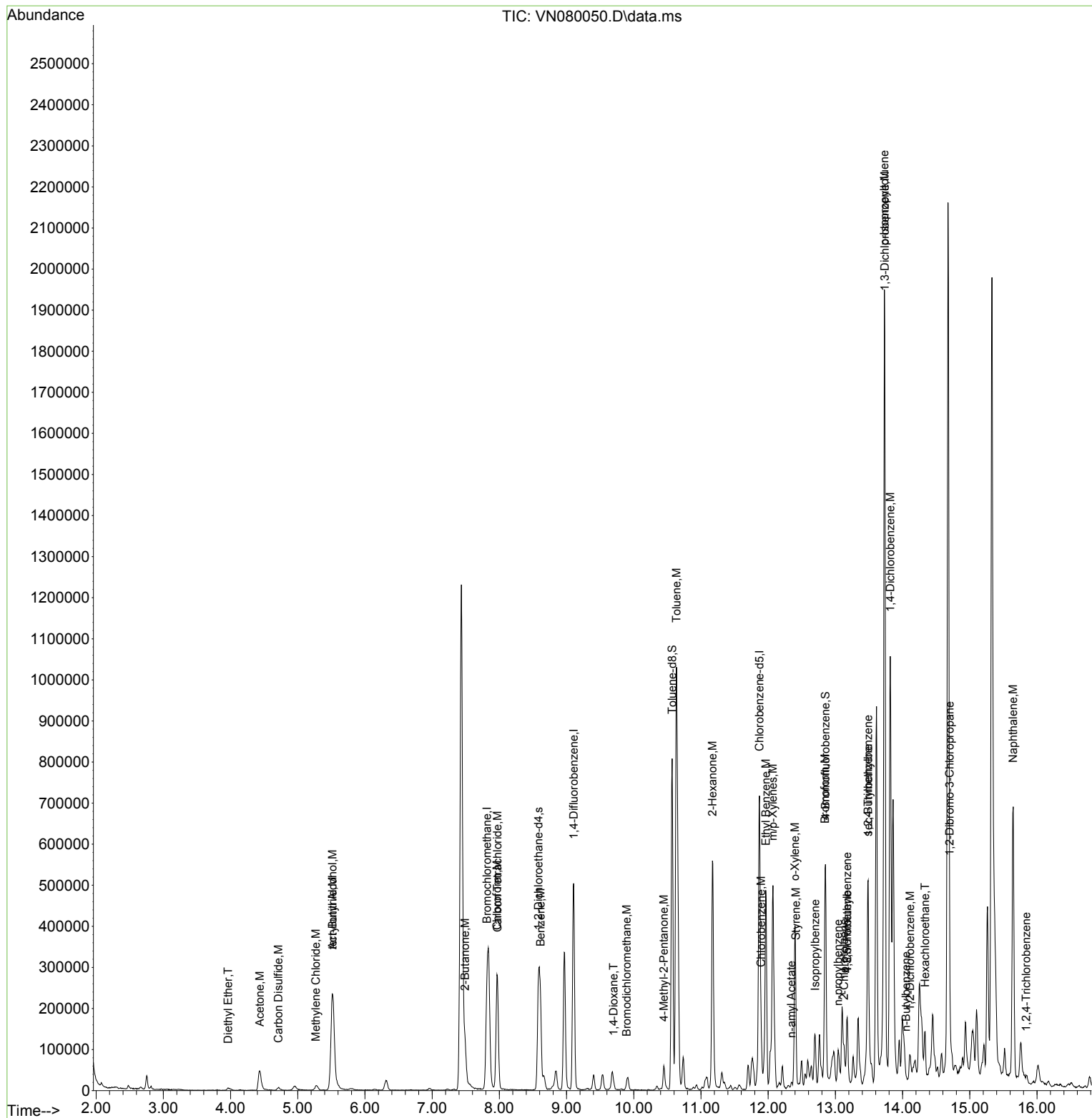
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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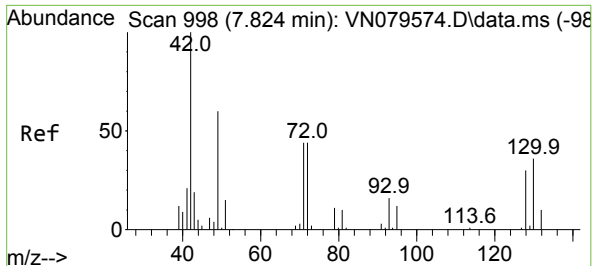
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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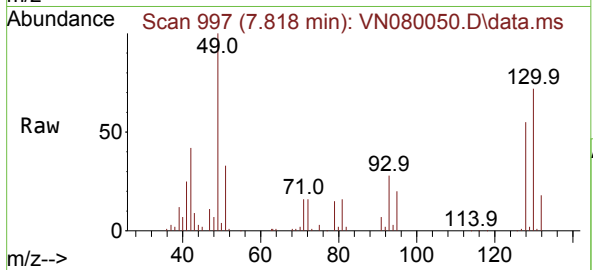
Quant Time: Nov 10 23:57:27 2023
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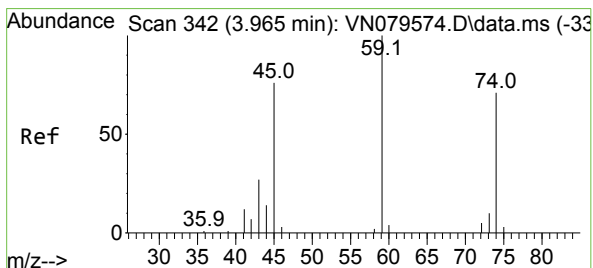
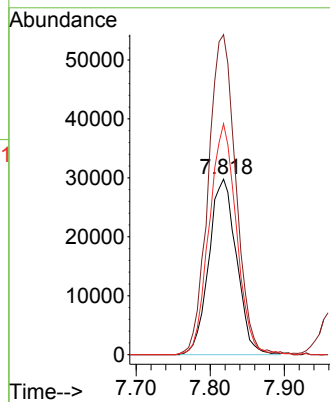
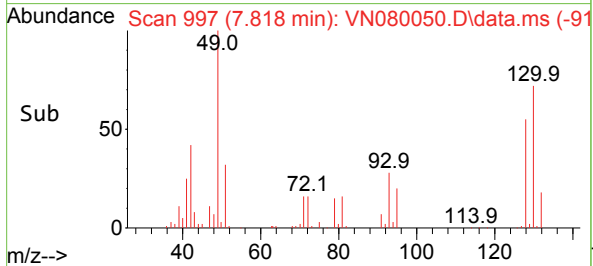


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Instrument :
MSVOA_N
ClientSampleId :

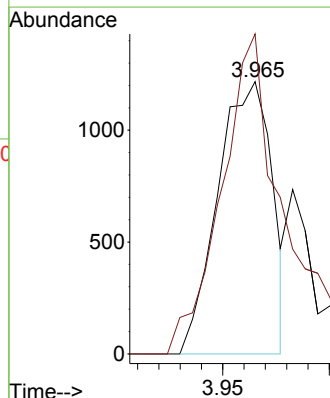
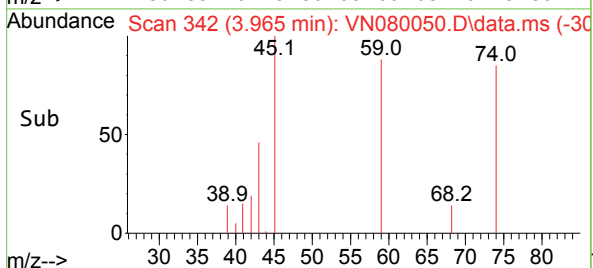
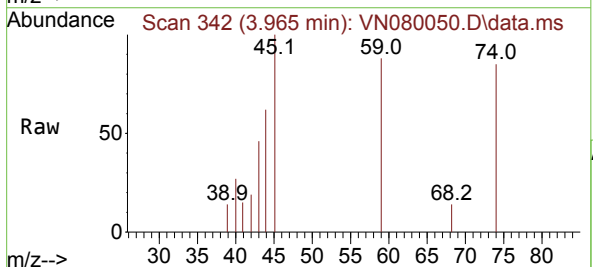


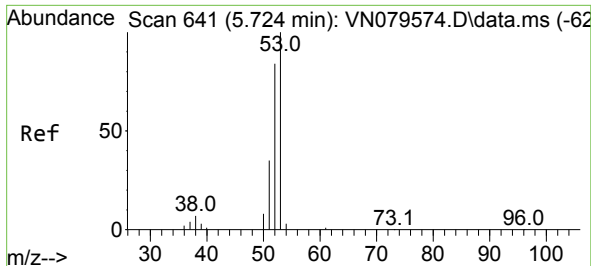
Tgt Ion:128 Resp: 77133
Ion Ratio Lower Upper
128 100
49 181.0 0.0 468.5
130 129.1 0.0 320.7



#8
Diethyl Ether
Concen: 0.758 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Tgt Ion: 74 Resp: 2163
Ion Ratio Lower Upper
74 100
45 132.2 19.0 171.0

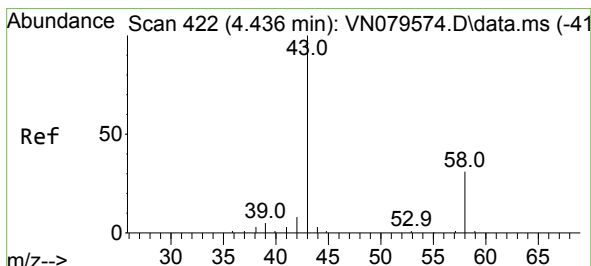
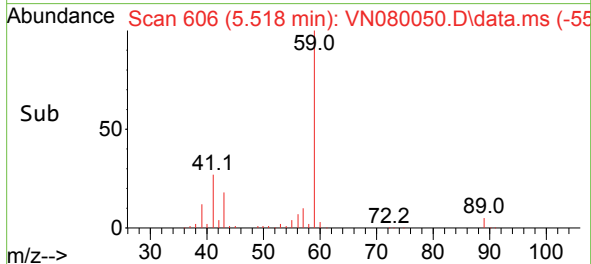
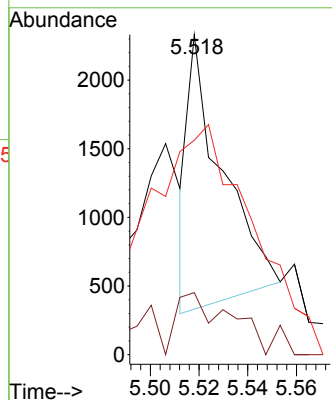
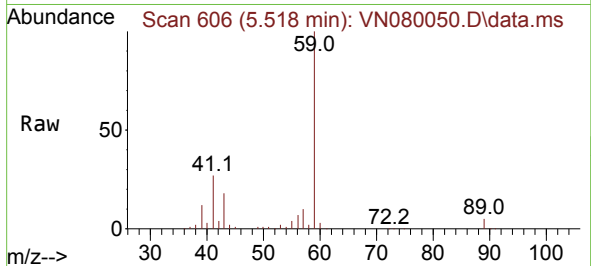




#14
Acrylonitrile
Concen: 0.795 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.206 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

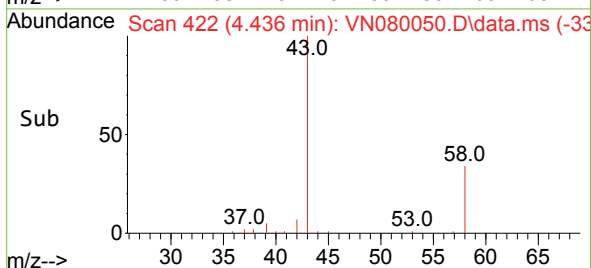
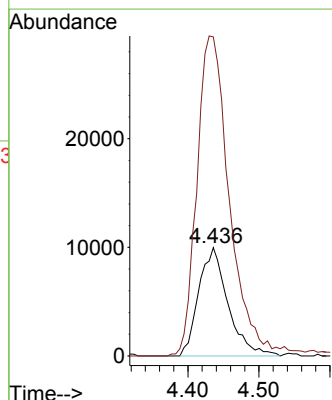
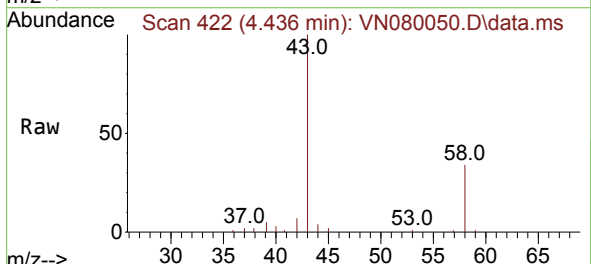
Instrument :
MSVOA_N
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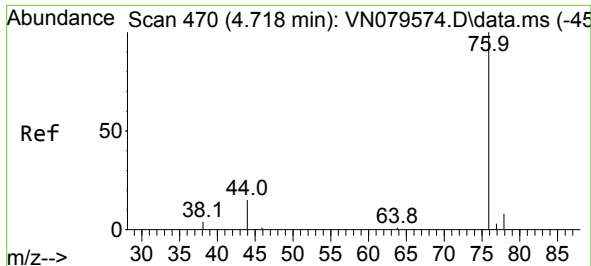
Tgt Ion: 53 Resp: 1945
Ion Ratio Lower Upper
53 100
52 19.9 41.6 124.9#
51 0.0 17.8 53.3#



#15
Acetone
Concen: 34.758 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Tgt Ion: 58 Resp: 28701
Ion Ratio Lower Upper
58 100
43 287.7 225.2 337.8

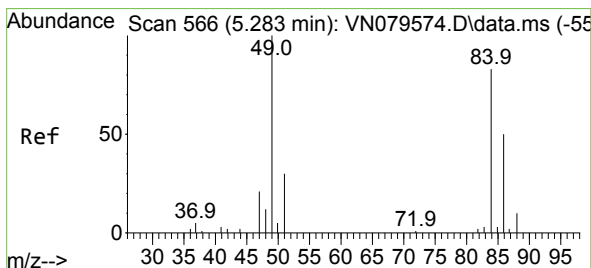
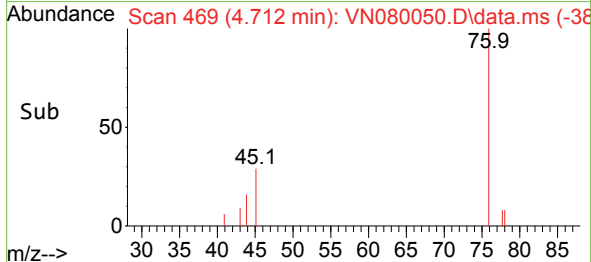
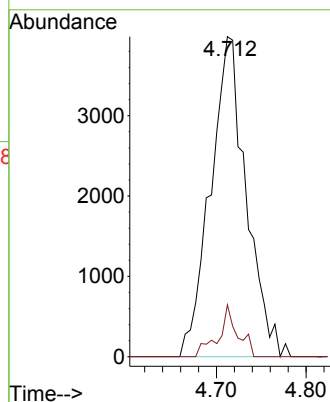
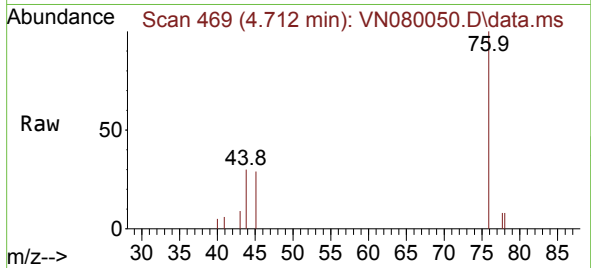




#16
Carbon Disulfide
Concen: 0.809 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

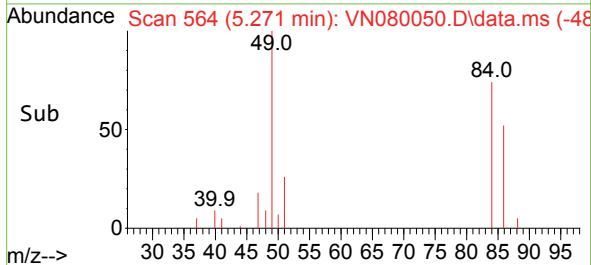
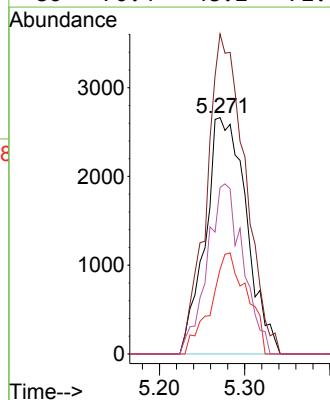
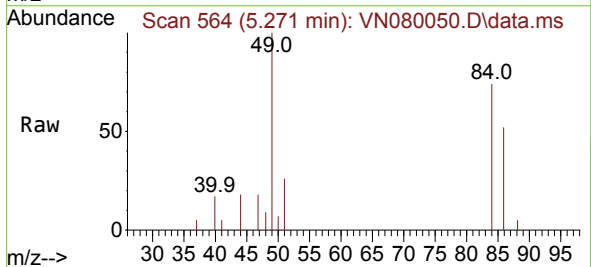
Instrument :
MSVOA_N
ClientSampleId :

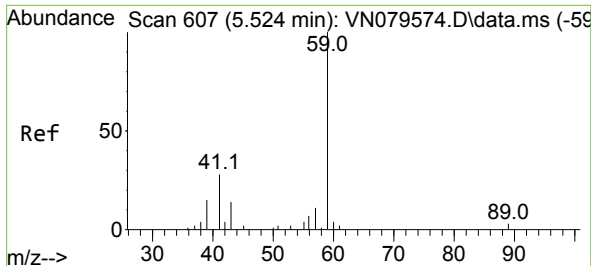
Tgt Ion: 76 Resp: 10976
Ion Ratio Lower Upper
76 100
78 16.2 7.5 11.3#



#18
Methylene Chloride
Concen: 1.674 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Tgt Ion: 84 Resp: 8914
Ion Ratio Lower Upper
84 100
49 135.4 100.9 151.3
51 35.8 29.4 44.2
86 70.4 48.2 72.4

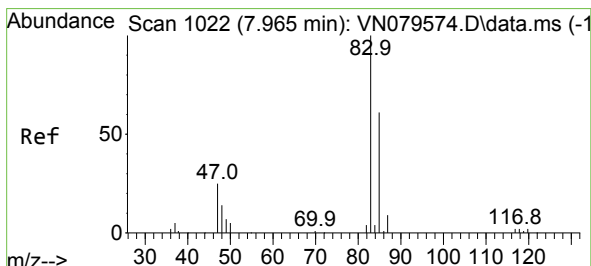
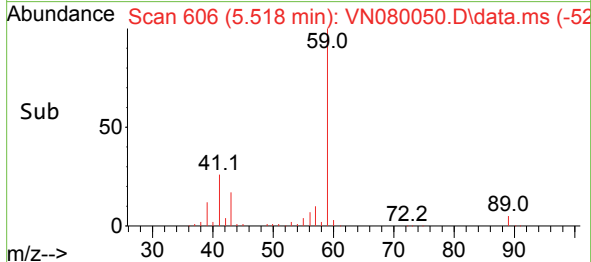
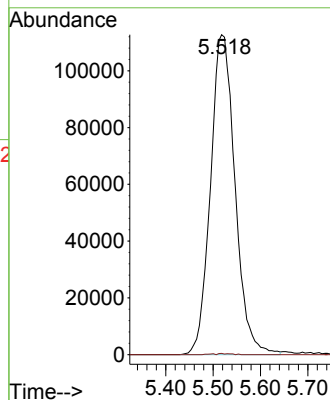
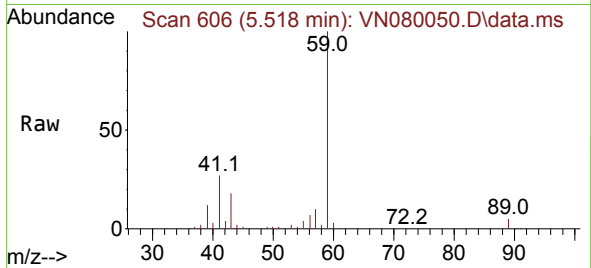




#23
tert-Butyl Alcohol
Concen: 615.257 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

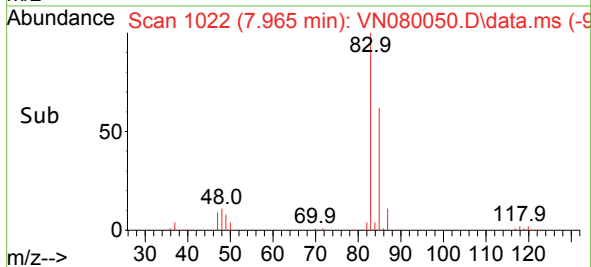
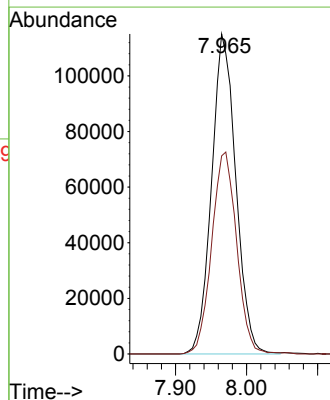
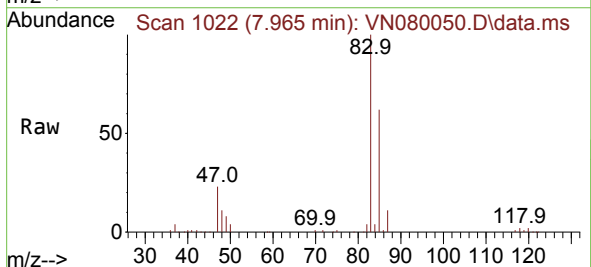
Instrument :
MSVOA_N
ClientSampleId :

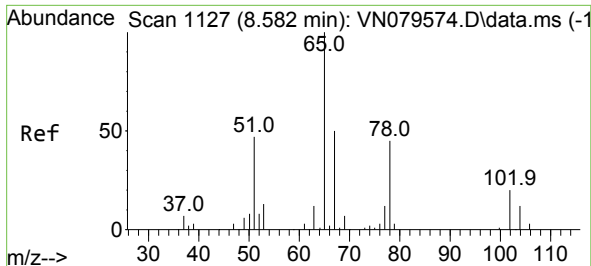
Tgt Ion: 59 Resp: 406120
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#25
Chloroform
Concen: 27.310 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Tgt Ion: 83 Resp: 272881
Ion Ratio Lower Upper
83 100
85 61.9 47.4 71.2





#27

1,2-Dichloroethane-d4

Concen: 30.657 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN080050.D

Acq: 10 Nov 2023 13:59

Instrument :

MSVOA_N

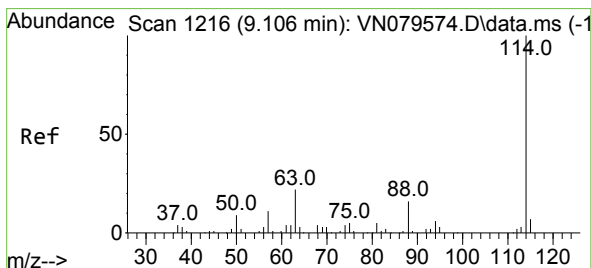
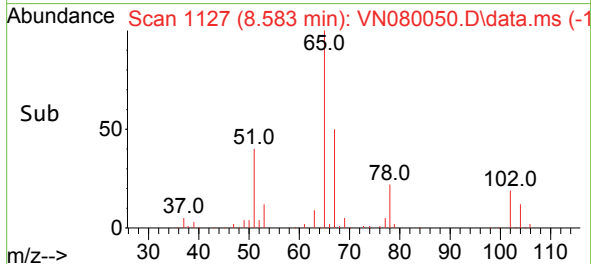
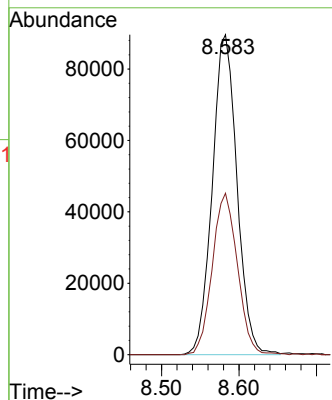
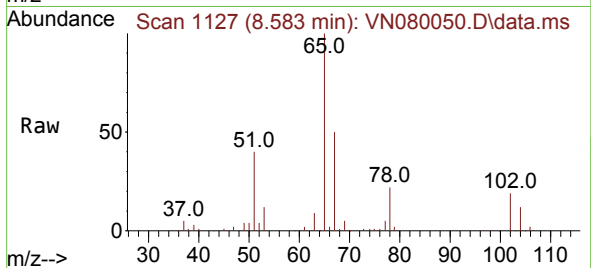
ClientSampleId :

Tgt Ion: 65 Resp: 198498

Ion Ratio Lower Upper

65 100

67 51.0 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080050.D

Acq: 10 Nov 2023 13:59

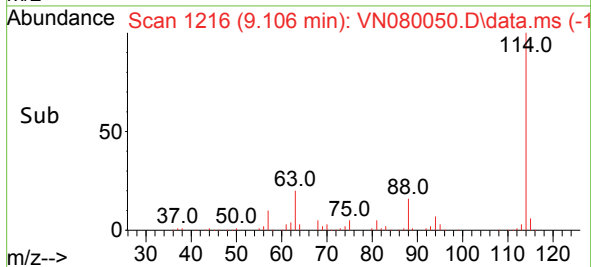
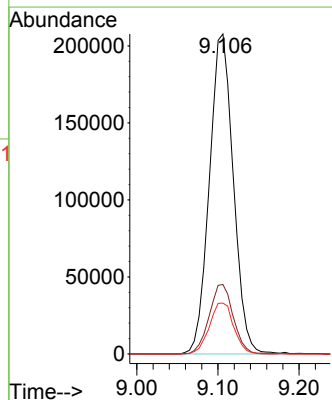
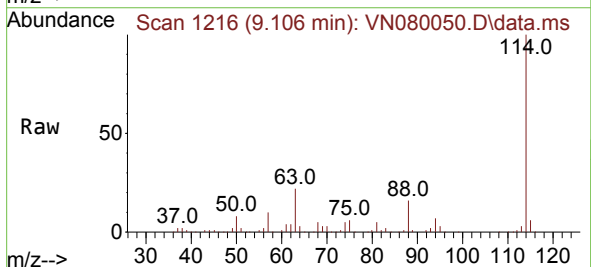
Tgt Ion: 114 Resp: 425844

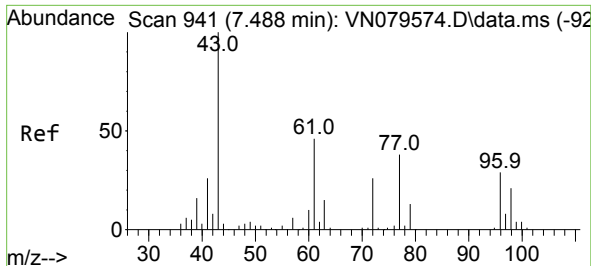
Ion Ratio Lower Upper

114 100

63 21.8 18.1 27.1

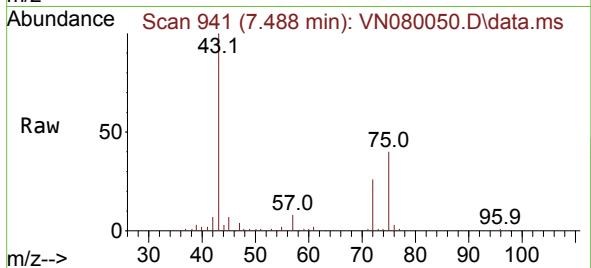
88 16.2 12.2 18.2



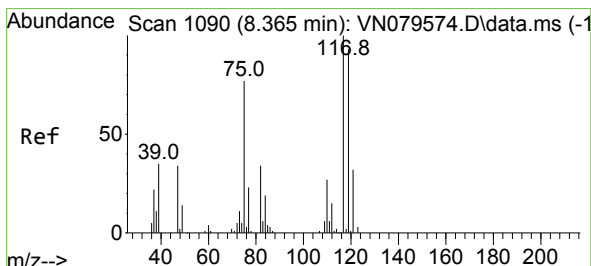
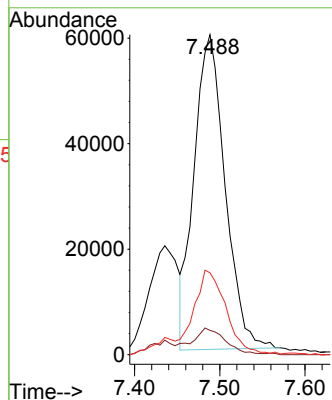
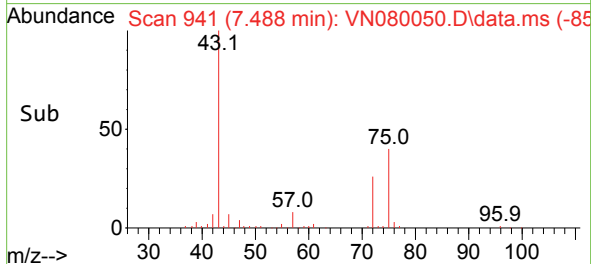


#30
2-Butanone
Concen: 43.158 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Instrument :
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ClientSampleId :

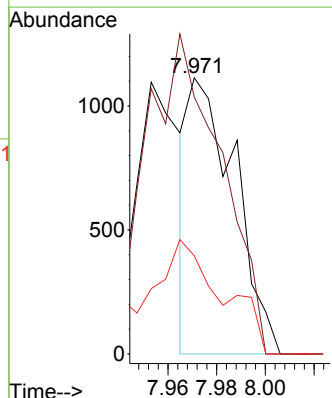
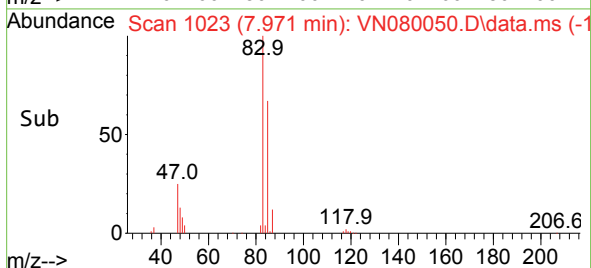
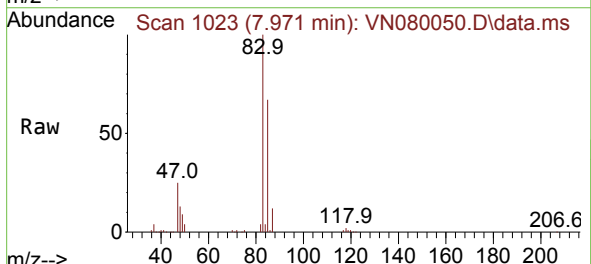


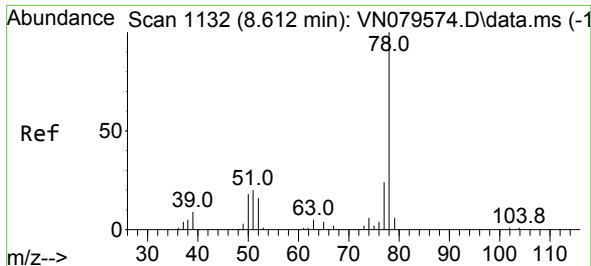
Tgt Ion: 43 Resp: 150637
Ion Ratio Lower Upper
43 100
57 7.7 6.4 9.6
72 27.9 20.7 31.1



#33
Carbon Tetrachloride
Concen: 0.201 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.394 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Tgt Ion: 117 Resp: 1472
Ion Ratio Lower Upper
117 100
119 93.1 75.0 112.6
121 35.6 24.3 36.5

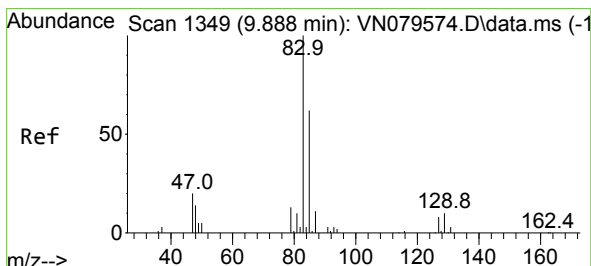
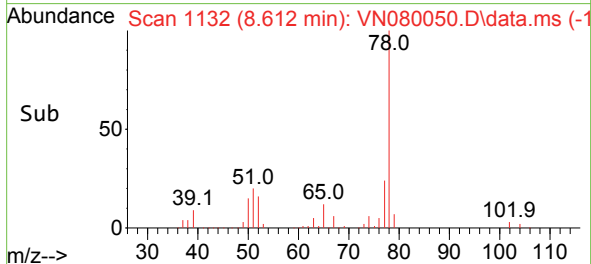
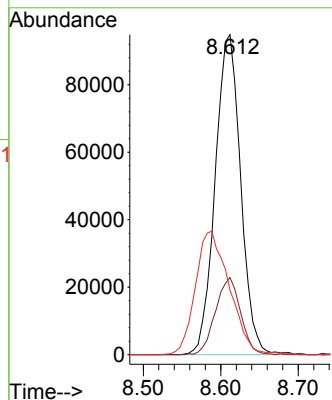
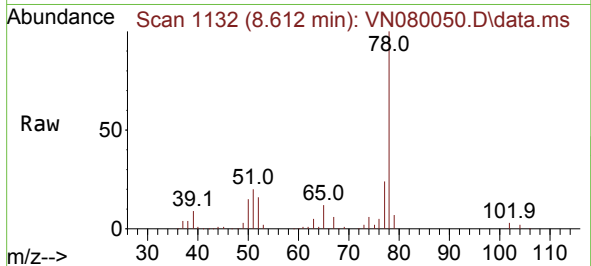




#34
Benzene
Concen: 10.010 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

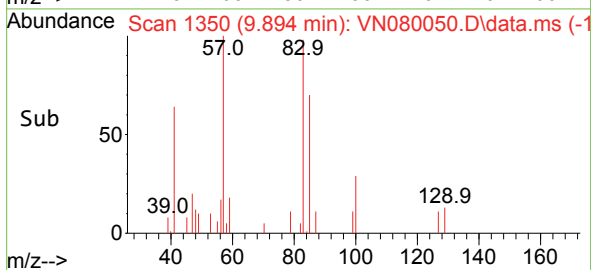
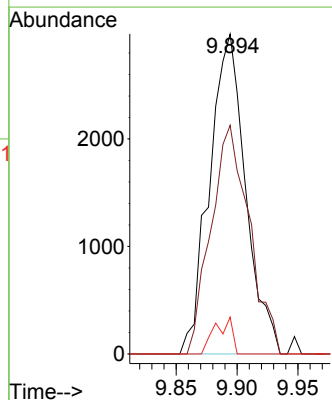
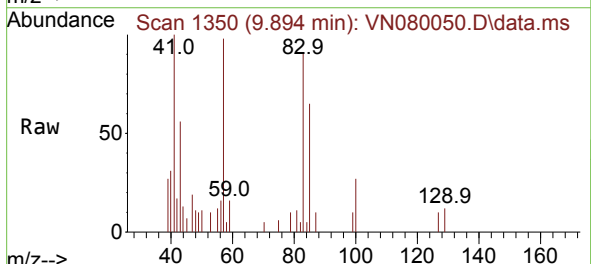
Instrument :
MSVOA_N
ClientSampleId :

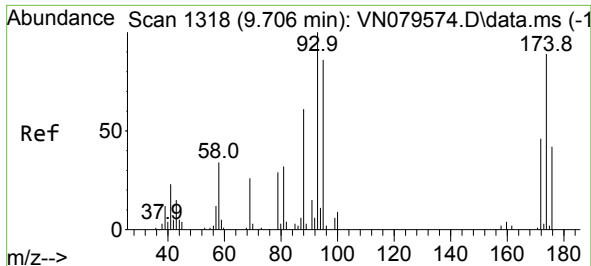
Tgt Ion: 78 Resp: 217321
Ion Ratio Lower Upper
78 100
77 24.1 19.7 29.5
51 19.6 15.8 23.6



#41
Bromodichloromethane
Concen: 0.800 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

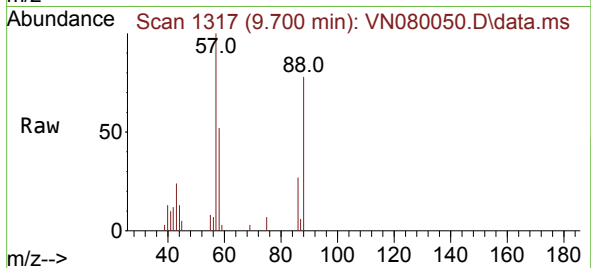
Tgt Ion: 83 Resp: 6151
Ion Ratio Lower Upper
83 100
85 71.4 50.3 75.5
127 11.5 6.8 10.2#



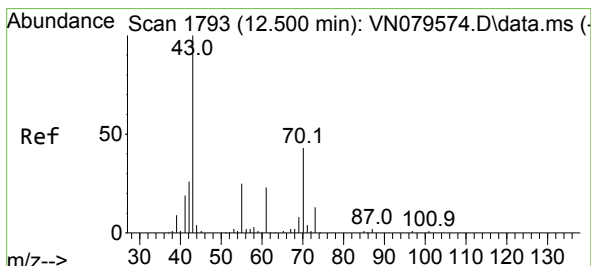
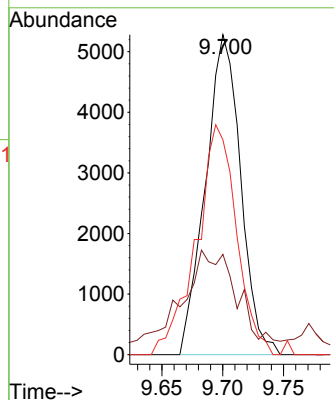
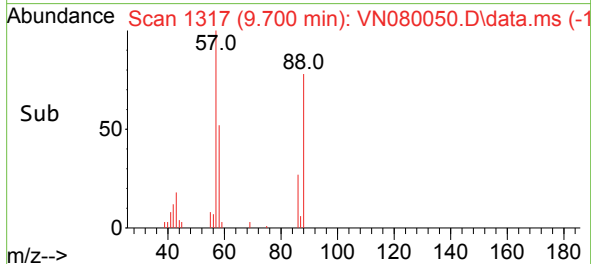


#45
1,4-Dioxane
Concen: 128.888 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Instrument :
MSVOA_N
ClientSampleId :

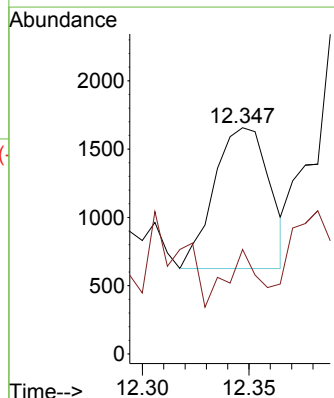
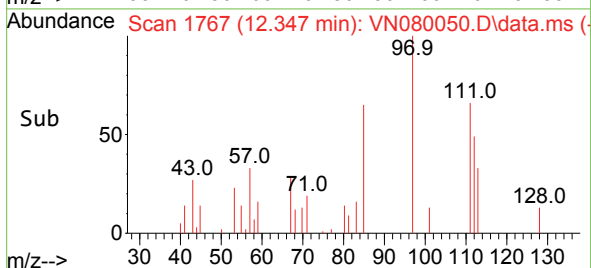
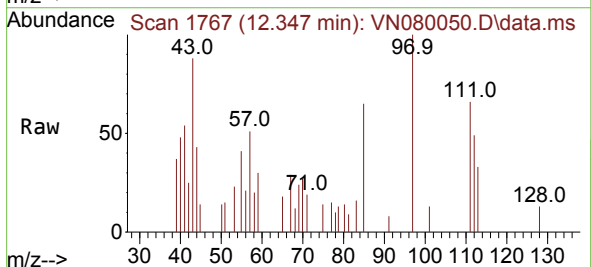


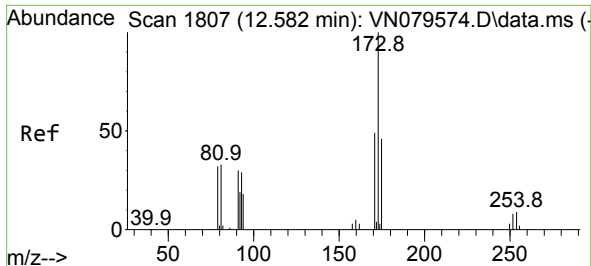
Tgt Ion: 88 Resp: 10612
Ion Ratio Lower Upper
88 100
43 9.6 28.7 43.1#
58 82.0 56.9 85.3



#47
n-amy1 Acetate
Concen: 0.217 ug/l
RT: 12.347 min Scan# 1767
Delta R.T. -0.153 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

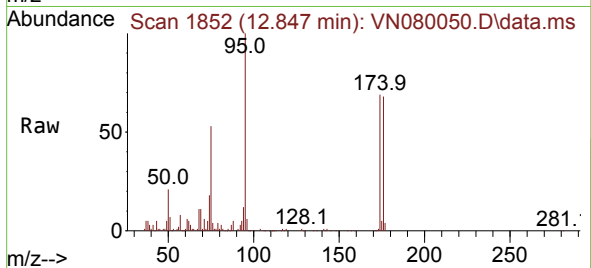
Tgt Ion: 43 Resp: 1861
Ion Ratio Lower Upper
43 100
55 22.7 20.7 31.1



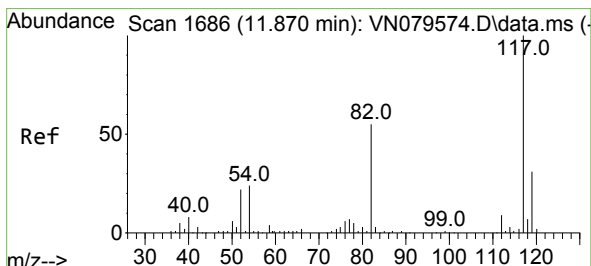
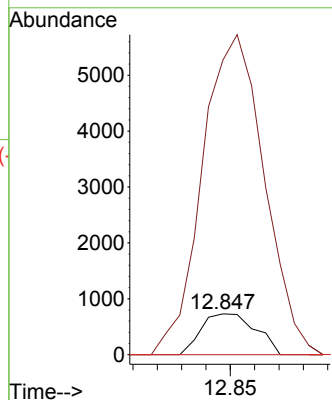
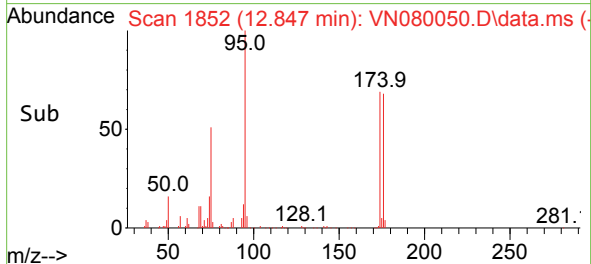


#56
Bromoform
Concen: 0.321 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

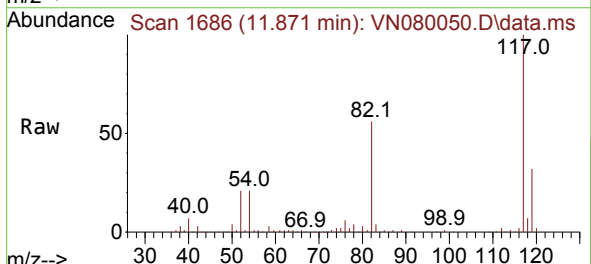
Instrument :
MSVOA_N
ClientSampleId :



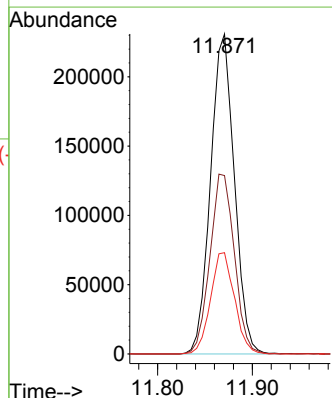
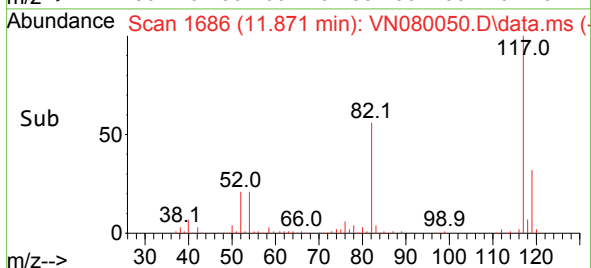
Tgt Ion:173 Resp: 1140
Ion Ratio Lower Upper
173 100
175 890.1 37.9 56.9#
254 0.0 7.3 10.9#

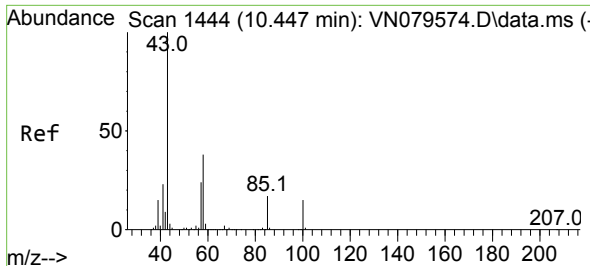


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59



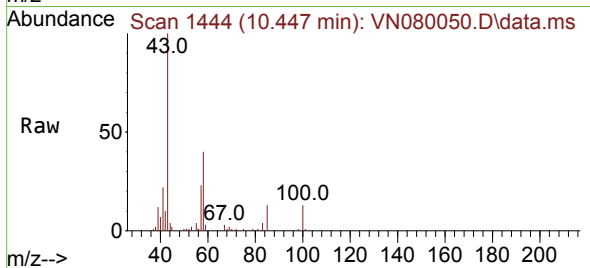
Tgt Ion:117 Resp: 403381
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.2
119 31.8 25.2 37.8



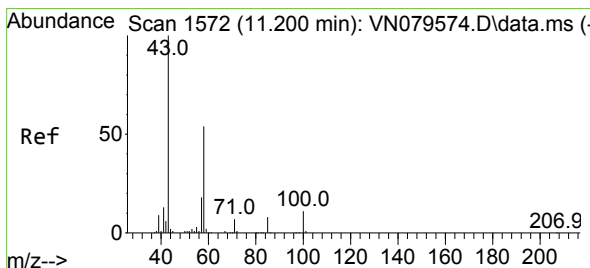
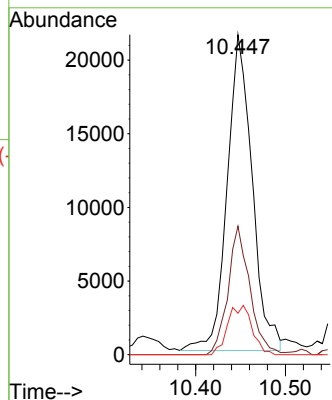
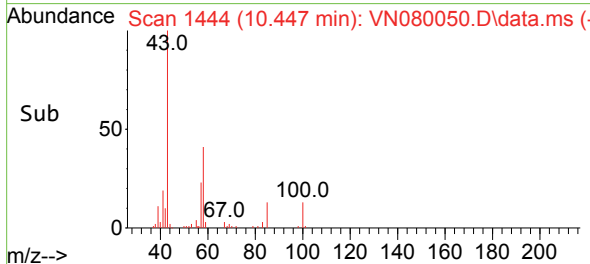


#58
4-Methyl-2-Pentanone
Concen: 6.162 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

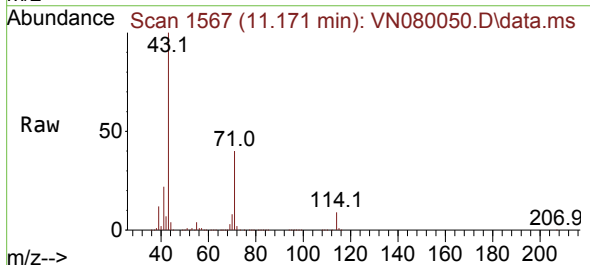
Instrument :
MSVOA_N
ClientSampleId :



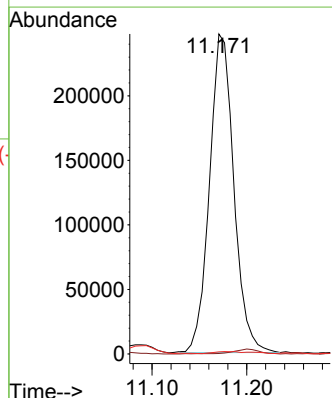
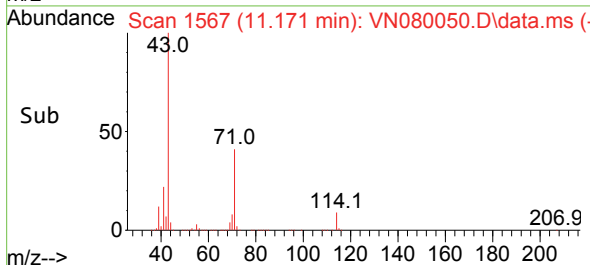
Tgt Ion: 43 Resp: 41525
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6
85 15.2 13.2 19.8

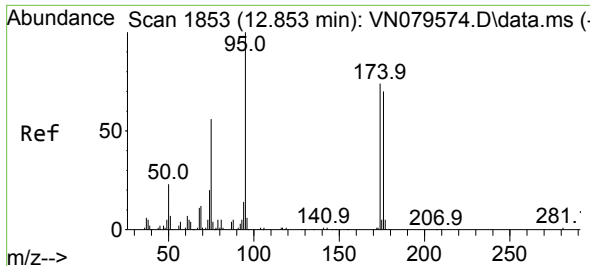


#59
2-Hexanone
Concen: 85.829 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.029 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59



Tgt Ion: 43 Resp: 440617
Ion Ratio Lower Upper
43 100
58 0.0 42.3 63.5#
57 0.8 13.9 20.9#

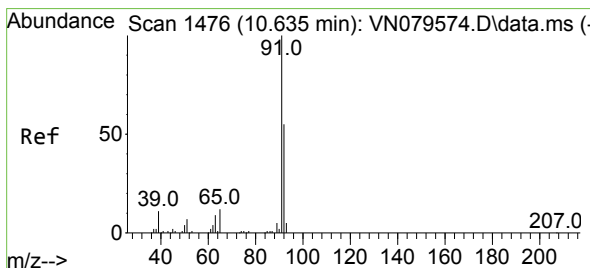
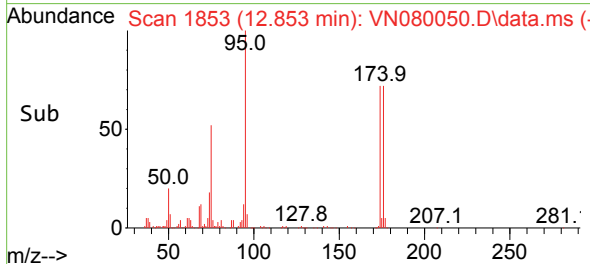
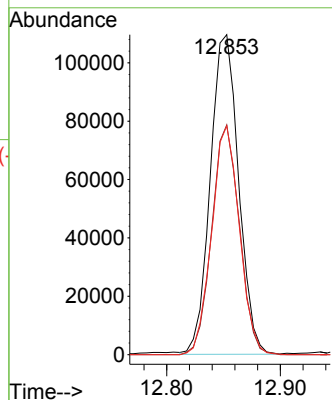
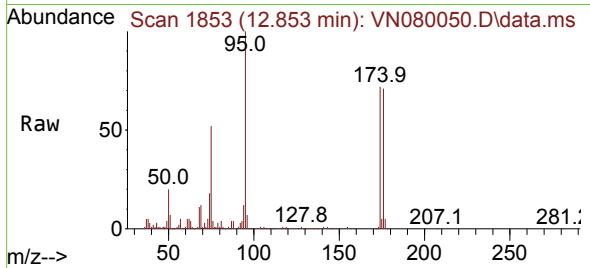




#60
4-Bromofluorobenzene
Concen: 29.409 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

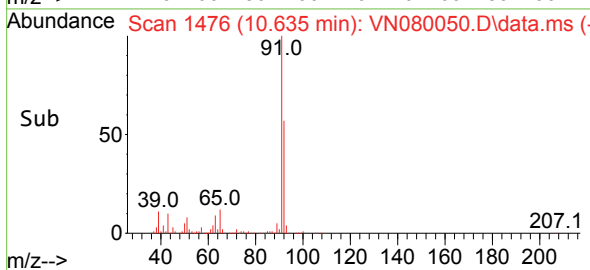
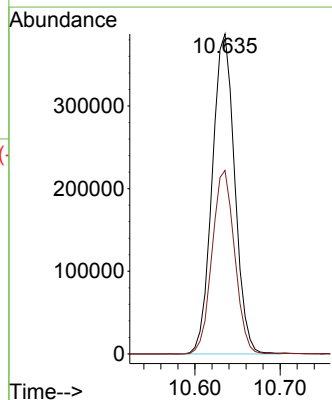
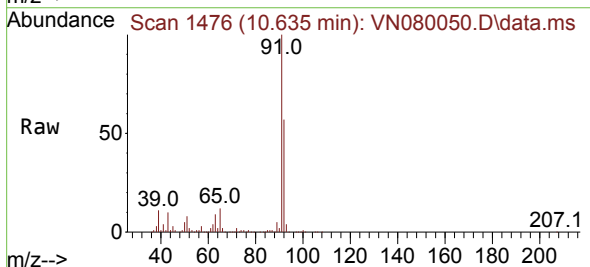
Instrument :
MSVOA_N
ClientSampleId :

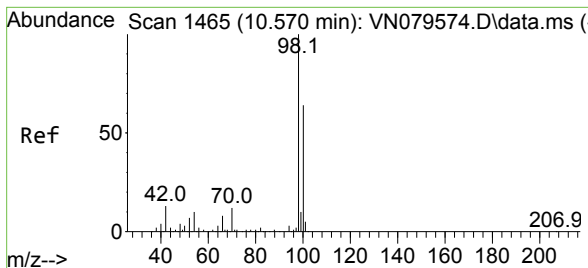
Tgt Ion: 95 Resp: 189707
Ion Ratio Lower Upper
95 100
174 70.1 60.5 90.7
176 69.9 57.2 85.8



#62
Toluene
Concen: 30.464 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Tgt Ion: 91 Resp: 710746
Ion Ratio Lower Upper
91 100
92 57.4 45.3 67.9





#63

Toluene-d8

Concen: 27.154 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN080050.D

Acq: 10 Nov 2023 13:59

Instrument :

MSVOA_N

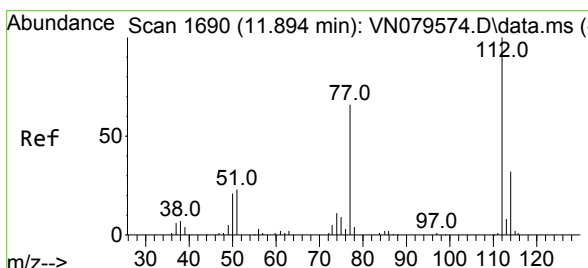
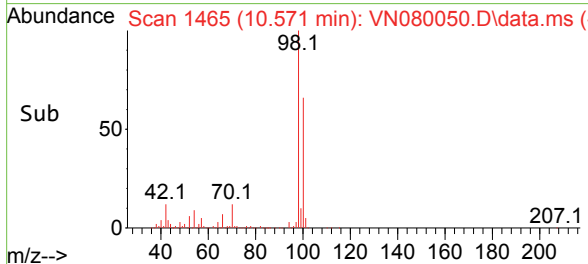
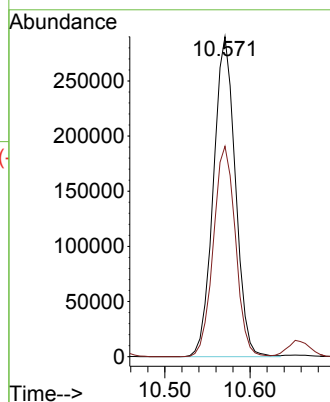
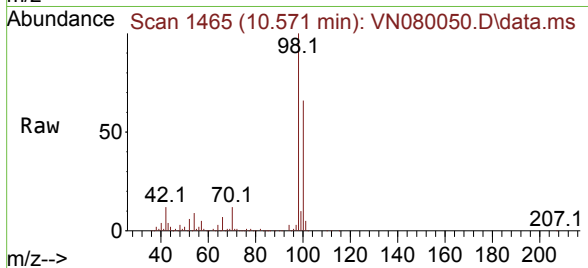
ClientSampleId :

Tgt Ion: 98 Resp: 518997

Ion Ratio Lower Upper

98 100

100 66.1 51.6 77.4



#64

Chlorobenzene

Concen: 4.363 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN080050.D

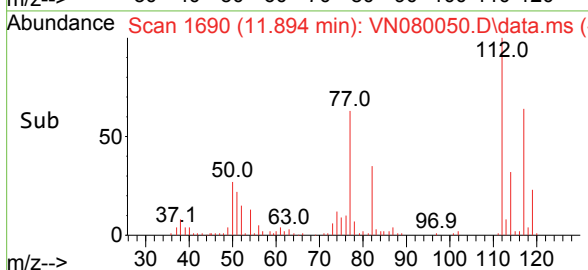
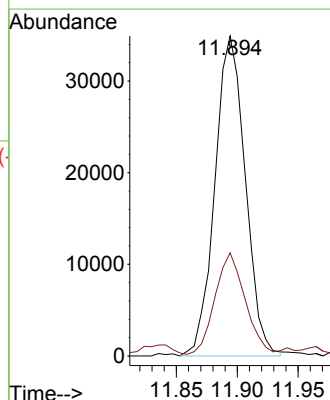
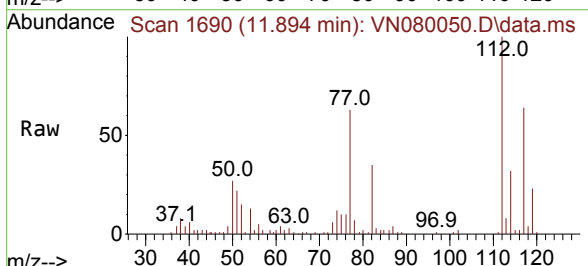
Acq: 10 Nov 2023 13:59

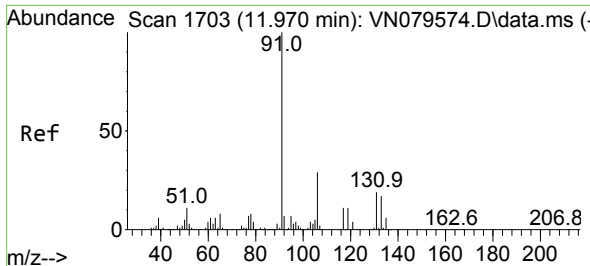
Tgt Ion: 112 Resp: 60739

Ion Ratio Lower Upper

112 100

114 31.3 28.1 42.1

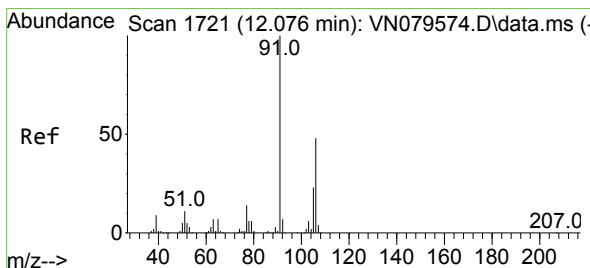
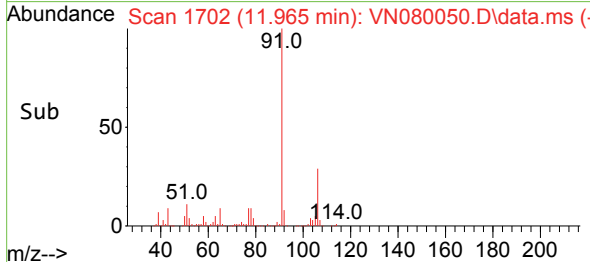
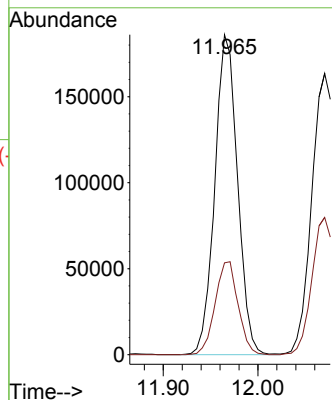
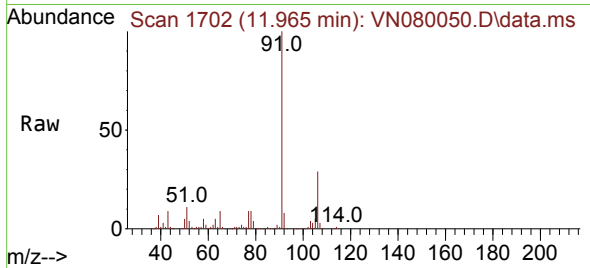




#66
Ethyl Benzene
Concen: 12.652 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

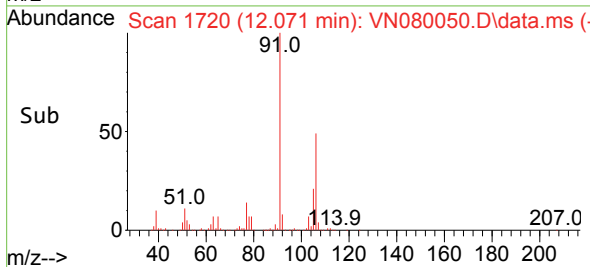
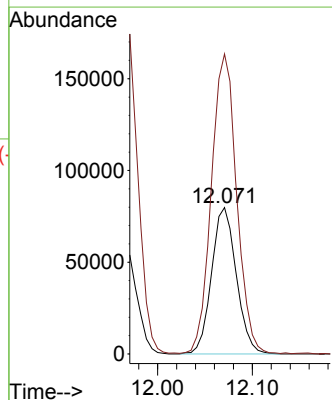
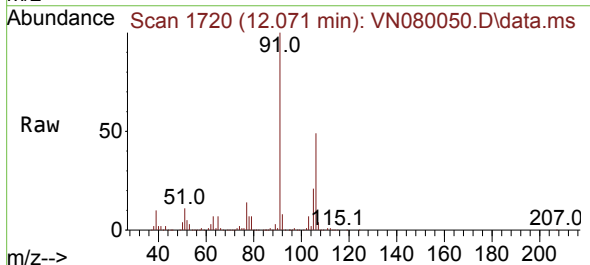
Instrument :
MSVOA_N
ClientSampleId :

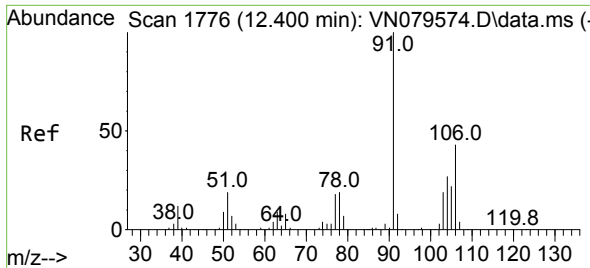
Tgt Ion: 91 Resp: 310184
Ion Ratio Lower Upper
91 100
106 28.7 23.8 35.8



#67
m/p-Xylenes
Concen: 15.880 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Tgt Ion:106 Resp: 144941
Ion Ratio Lower Upper
106 100
91 209.8 161.8 242.6

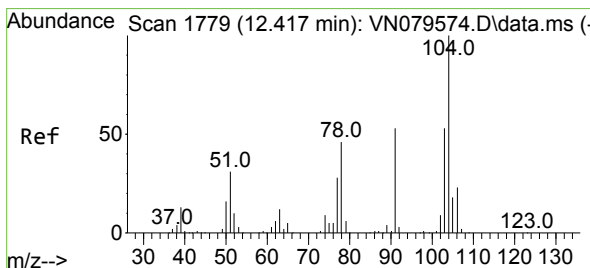
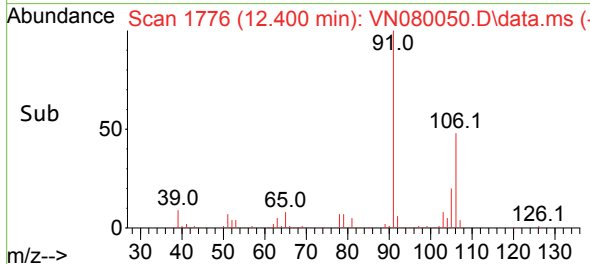
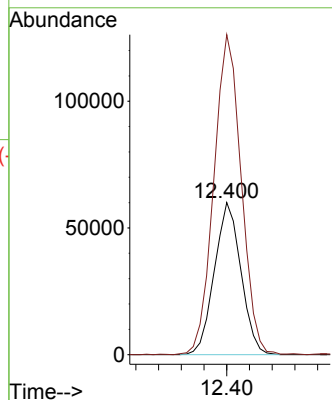
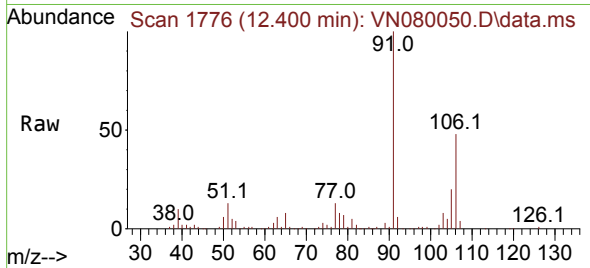




#68
o-Xylene
Concen: 11.138 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

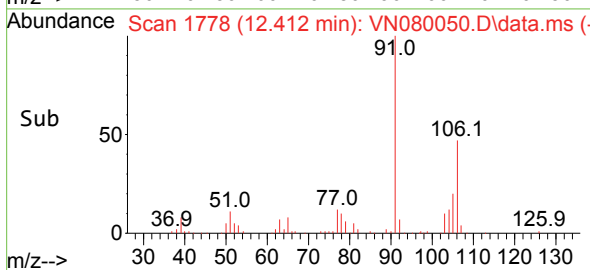
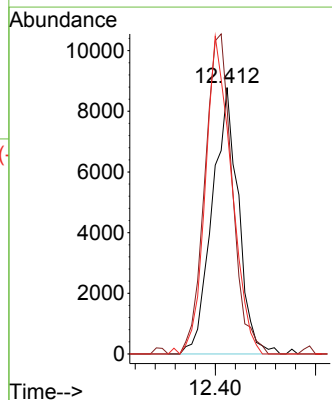
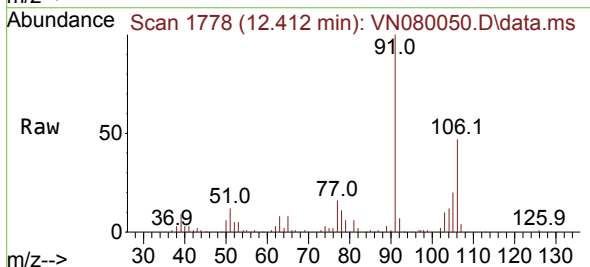
Instrument :
MSVOA_N
ClientSampleId :

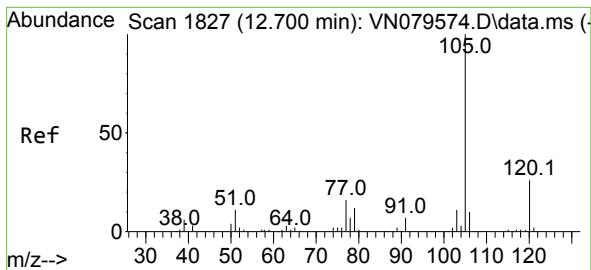
Tgt Ion:106 Resp: 97441
Ion Ratio Lower Upper
106 100
91 216.8 109.9 329.7



#69
Styrene
Concen: 1.099 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.005 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Tgt Ion:104 Resp: 15910
Ion Ratio Lower Upper
104 100
78 125.3 41.2 61.8#
103 119.1 43.1 64.7#





#70

Isopropylbenzene

Concen: 1.853 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN080050.D

Acq: 10 Nov 2023 13:59

Instrument :

MSVOA_N

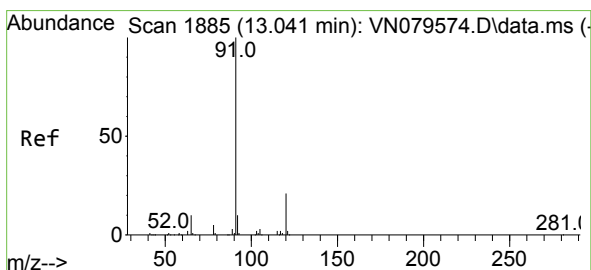
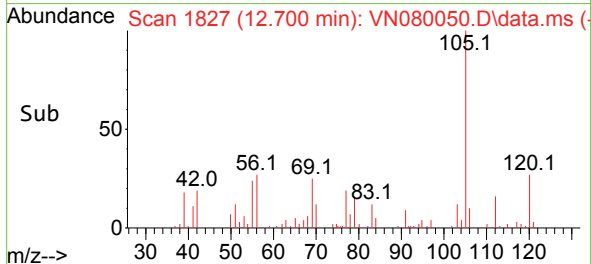
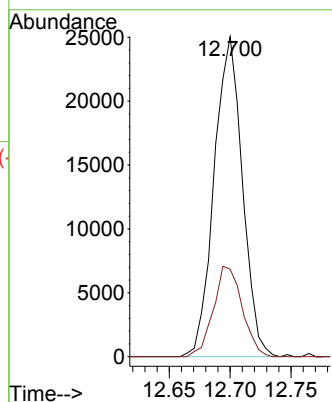
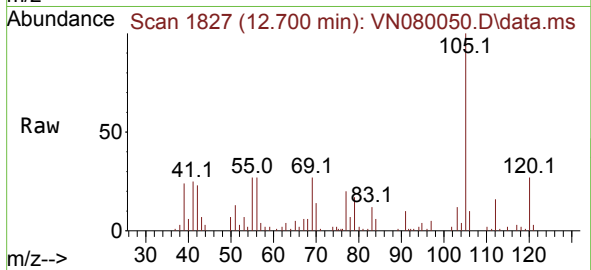
ClientSampleId :

Tgt Ion:105 Resp: 40441

Ion Ratio Lower Upper

105 100

120 28.7 18.1 33.5



#74

n-propylbenzene

Concen: 0.916 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN080050.D

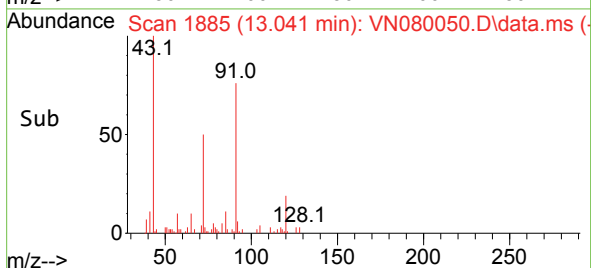
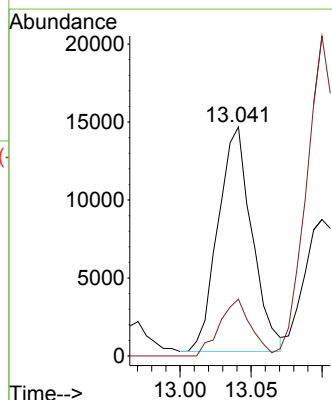
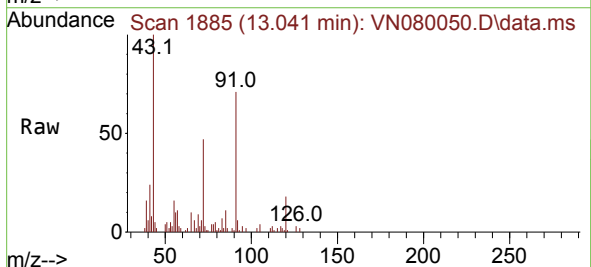
Acq: 10 Nov 2023 13:59

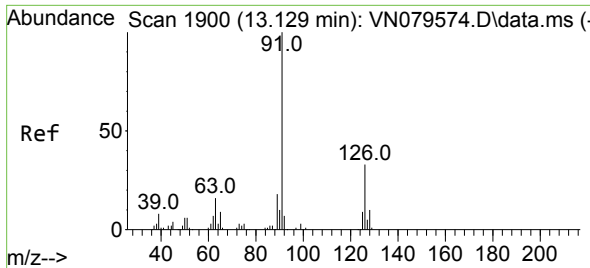
Tgt Ion: 91 Resp: 23925

Ion Ratio Lower Upper

91 100

120 23.3 0.0 42.0

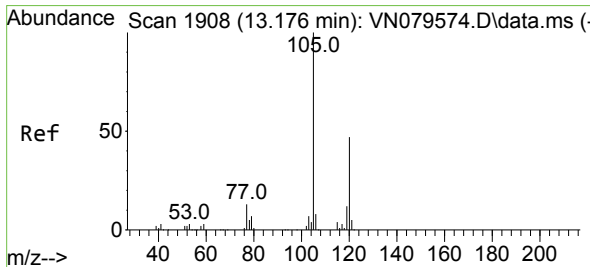
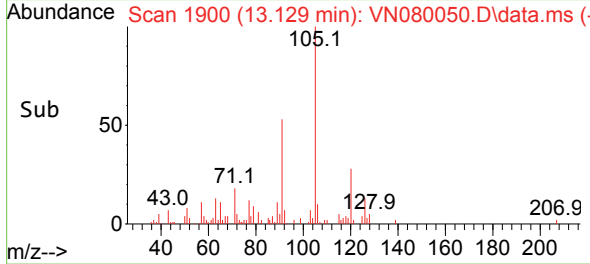
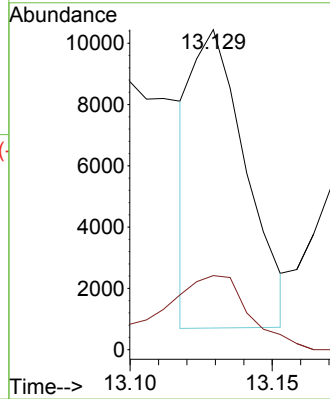
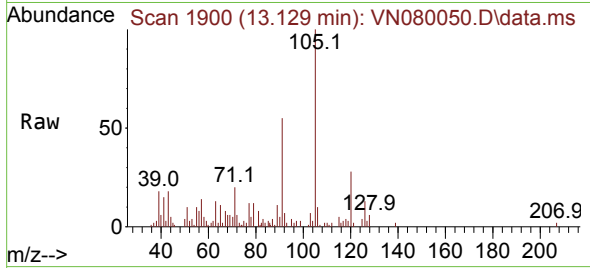




#75
2-Chlorotoluene
Concen: 0.772 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

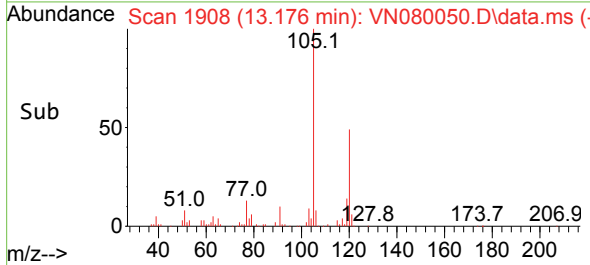
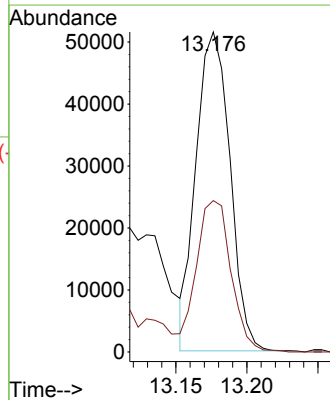
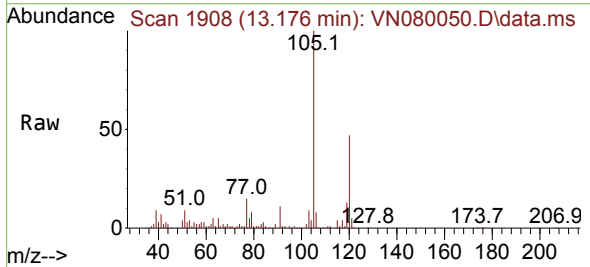
Instrument :
MSVOA_N
ClientSampleId :

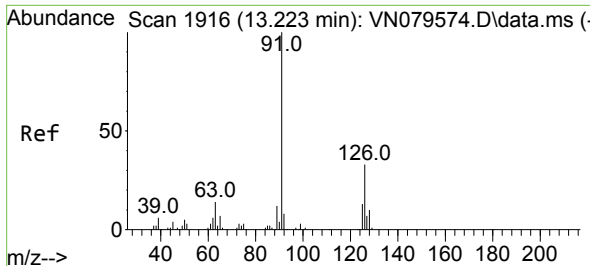
Tgt Ion: 91 Resp: 12804
Ion Ratio Lower Upper
91 100
126 41.3 0.0 64.6



#76
1,3,5-Trimethylbenzene
Concen: 4.715 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Tgt Ion: 105 Resp: 85111
Ion Ratio Lower Upper
105 100
120 48.2 0.0 93.2

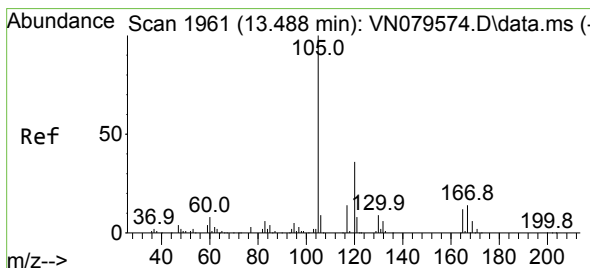
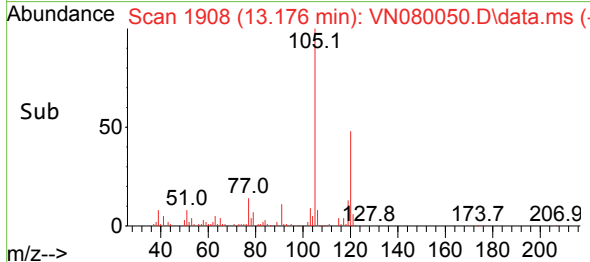
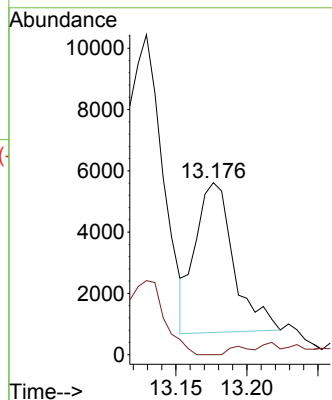
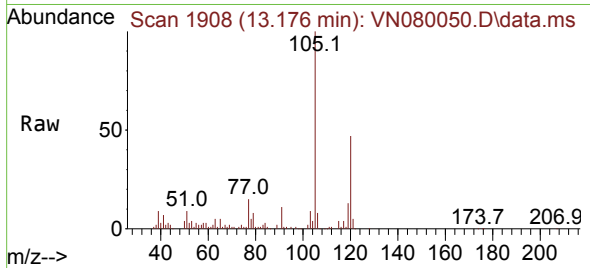




#78
4-Chlorotoluene
Concen: 0.555 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.047 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

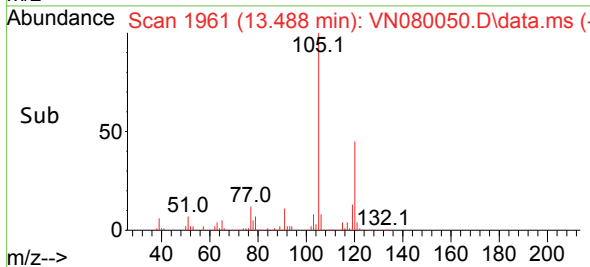
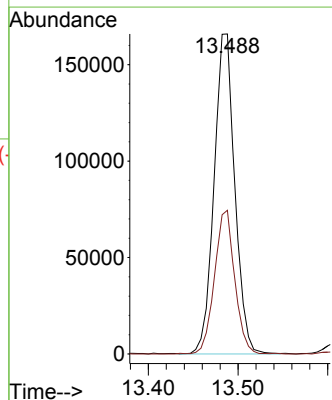
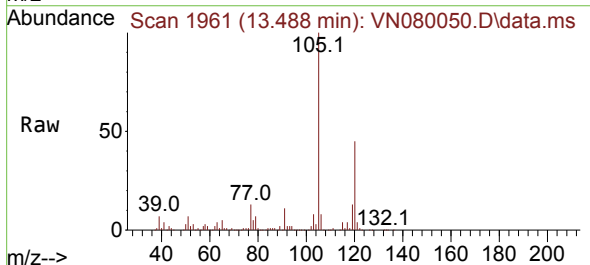
Instrument :
MSVOA_N
ClientSampleId :

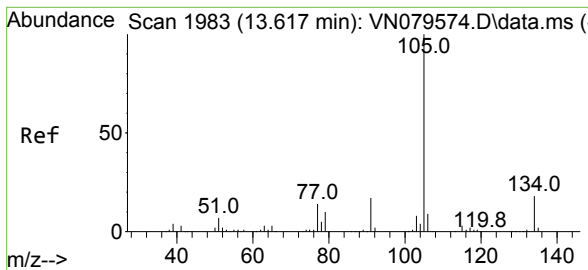
Tgt Ion: 91 Resp: 9153
Ion Ratio Lower Upper
91 100
126 3.2 0.0 65.4



#80
1,2,4-Trimethylbenzene
Concen: 15.065 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Tgt Ion: 105 Resp: 266631
Ion Ratio Lower Upper
105 100
120 43.7 0.0 88.6

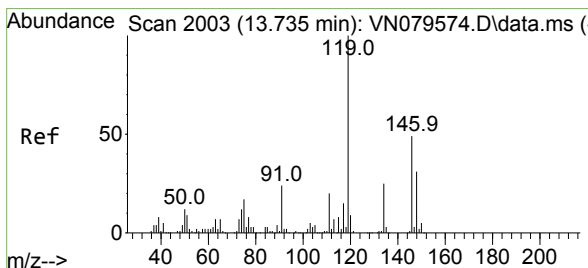
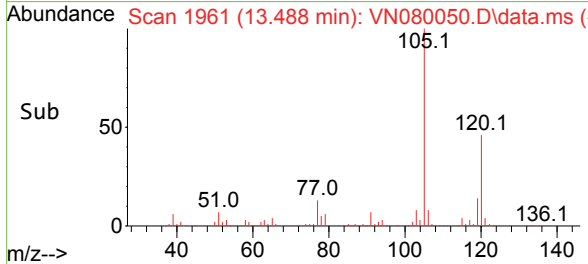
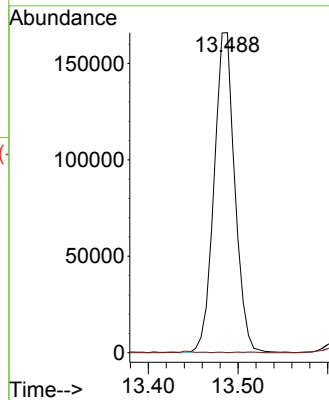
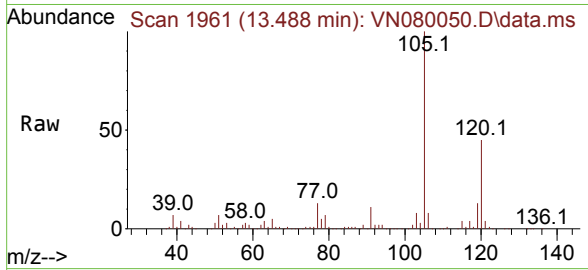




#81
 sec-Butylbenzene
 Concen: 13.363 ug/l
 RT: 13.488 min Scan# 1983
 Delta R.T. -0.129 min
 Lab File: VN080050.D
 Acq: 10 Nov 2023 13:59

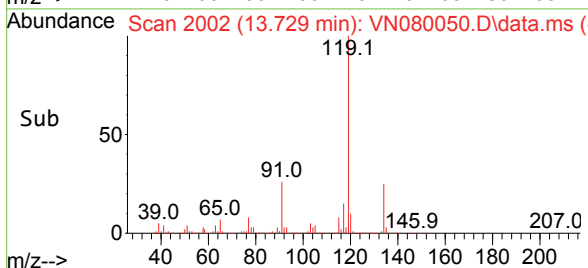
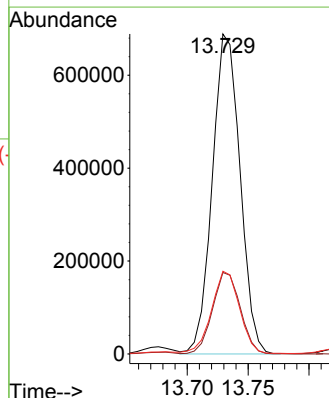
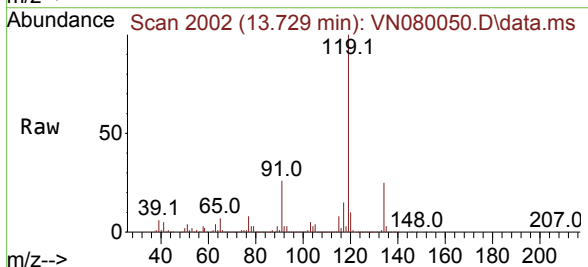
Instrument :
 MSVOA_N
 ClientSampleId :

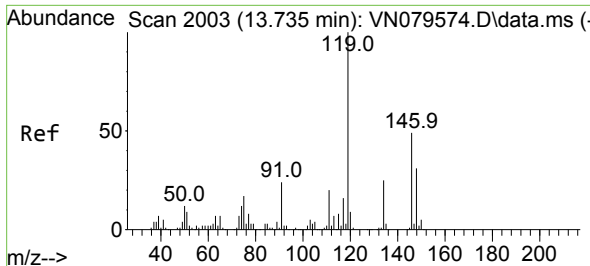
Tgt Ion:105 Resp: 266631
 Ion Ratio Lower Upper
 105 100
 134 0.1 0.0 38.2



#82
 p-Isopropyltoluene
 Concen: 67.458 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN080050.D
 Acq: 10 Nov 2023 13:59

Tgt Ion:119 Resp: 1093136
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.2
 91 26.1 0.0 50.0

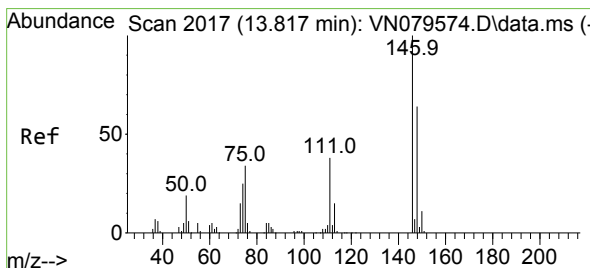
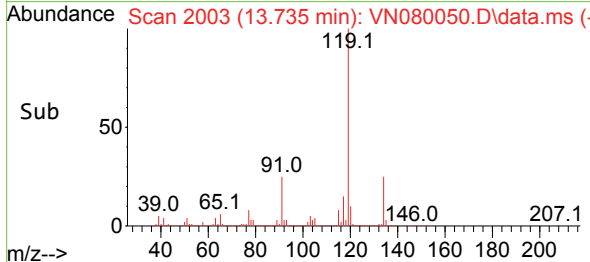
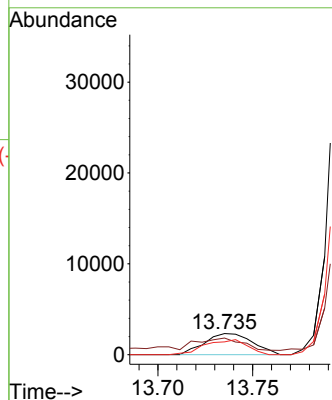
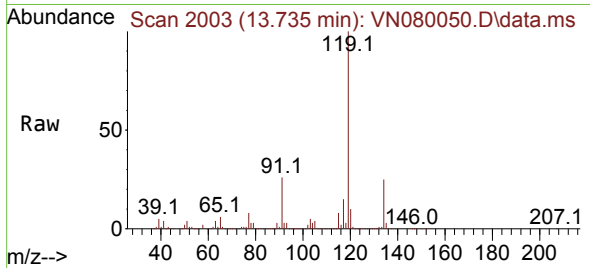




#83
1,3-Dichlorobenzene
Concen: 0.419 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

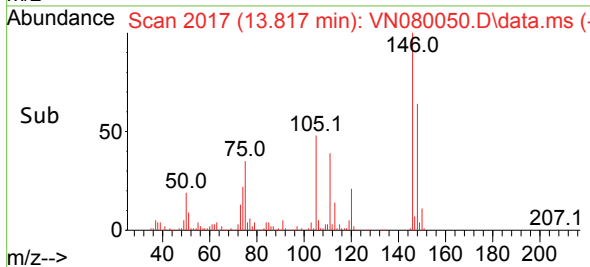
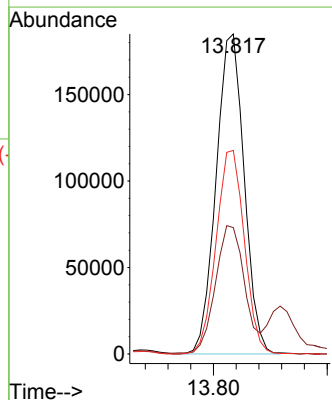
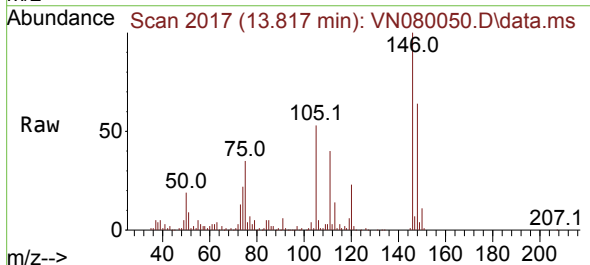
Instrument :
MSVOA_N
ClientSampleId :

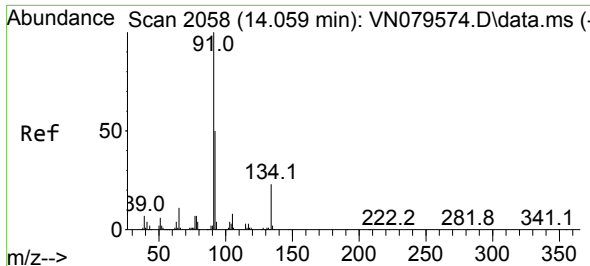
Tgt Ion:146 Resp: 4093
Ion Ratio Lower Upper
146 100
111 56.7 21.0 63.0
148 62.5 32.4 97.0



#84
1,4-Dichlorobenzene
Concen: 33.156 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

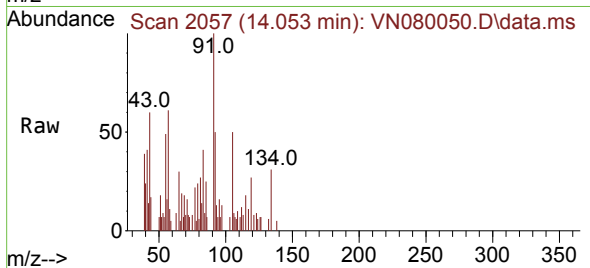
Tgt Ion:146 Resp: 318144
Ion Ratio Lower Upper
146 100
111 41.6 19.9 59.7
148 64.0 32.6 97.7



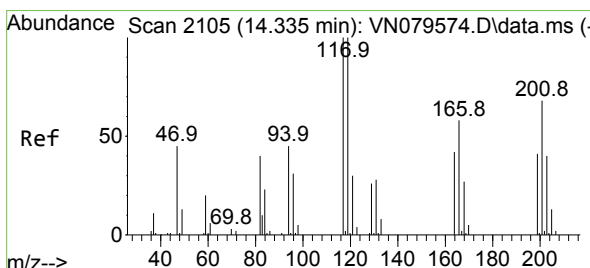
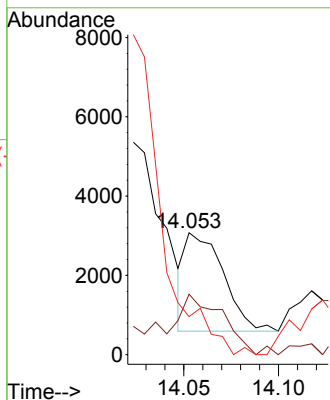
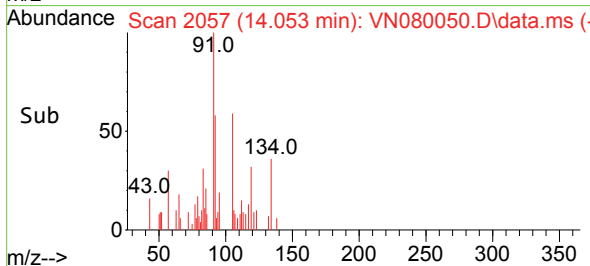


#85
n-Butylbenzene
Concen: 0.258 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Instrument :
MSVOA_N
ClientSampleId :

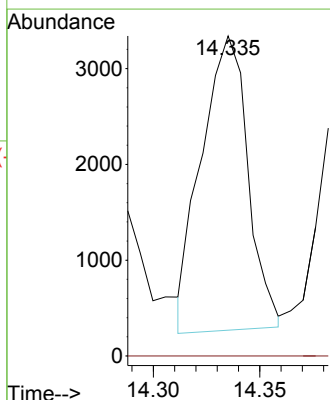
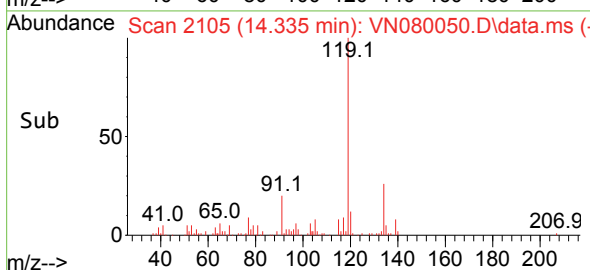
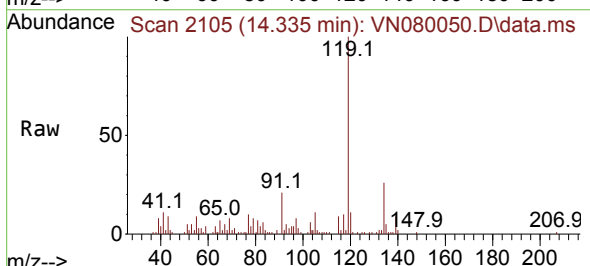


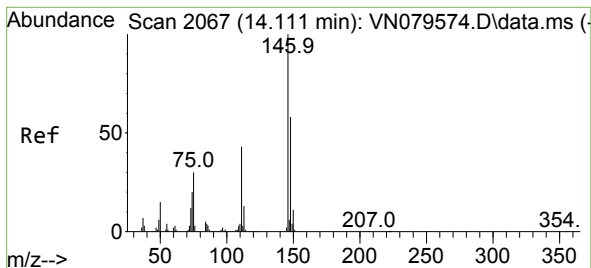
Tgt Ion: 91 Resp: 3490
Ion Ratio Lower Upper
91 100
92 26.6 0.0 99.6
134 1.8 0.0 46.2



#86
Hexachloroethane
Concen: 1.485 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080050.D
Acq: 10 Nov 2023 13:59

Tgt Ion: 117 Resp: 4678
Ion Ratio Lower Upper
117 100
201 0.0 32.5 97.5#





#87

1,2-Dichlorobenzene

Concen: 1.309 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN080050.D

Acq: 10 Nov 2023 13:59

Instrument :

MSVOA_N

ClientSampleId :

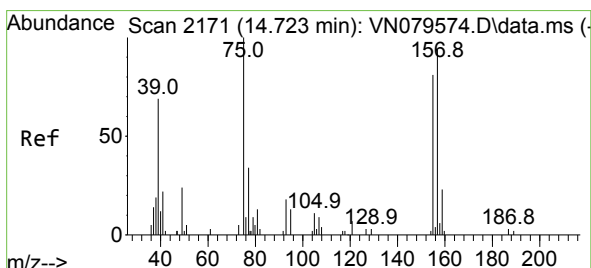
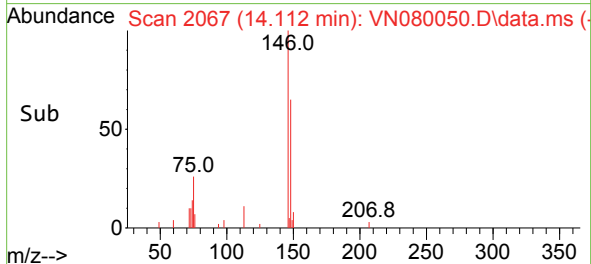
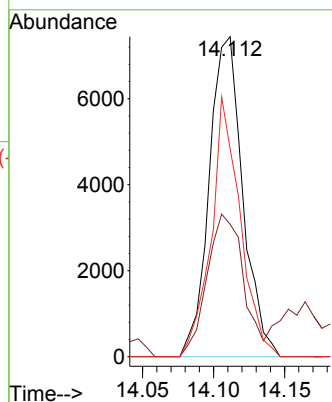
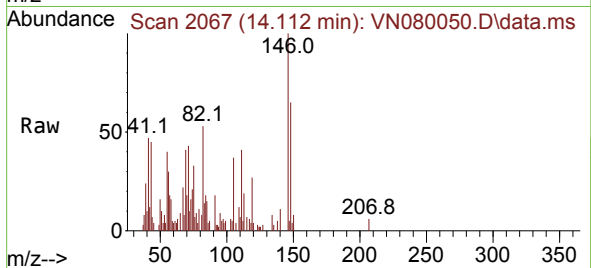
Tgt Ion:146 Resp: 12225

Ion Ratio Lower Upper

146 100

111 48.3 22.0 66.0

148 70.1 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 0.457 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. -0.023 min

Lab File: VN080050.D

Acq: 10 Nov 2023 13:59

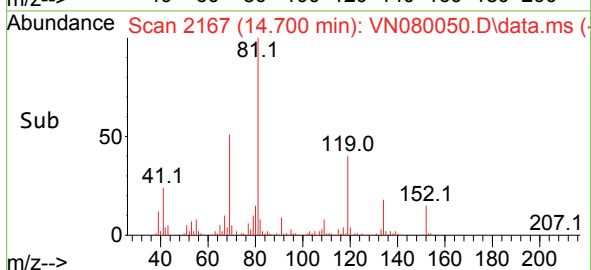
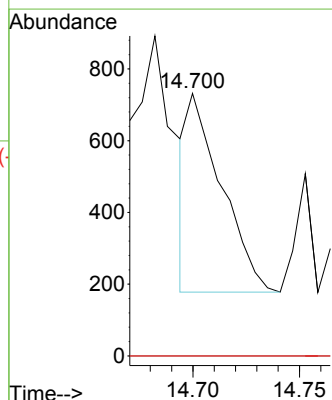
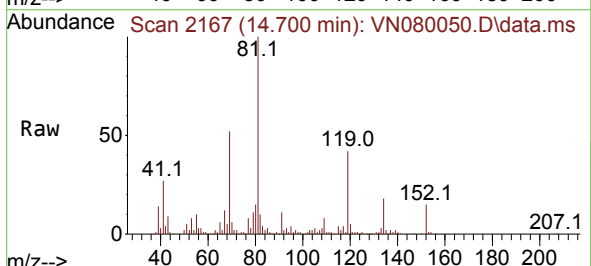
Tgt Ion: 75 Resp: 621

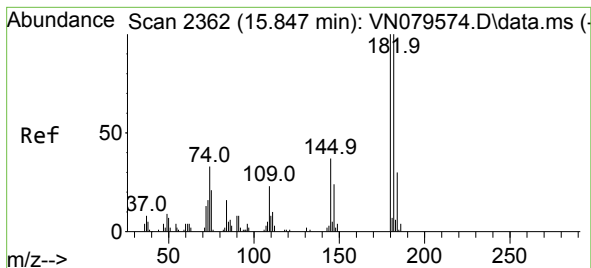
Ion Ratio Lower Upper

75 100

155 0.0 60.7 91.1#

157 0.0 76.8 115.2#





#89

1,2,4-Trichlorobenzene

Concen: 0.216 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080050.D

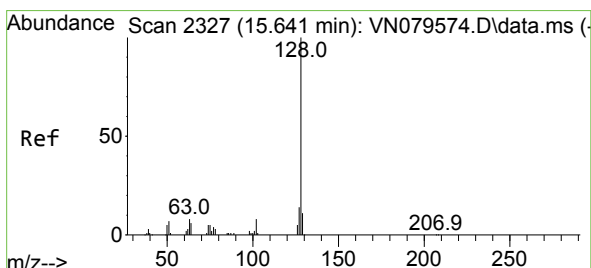
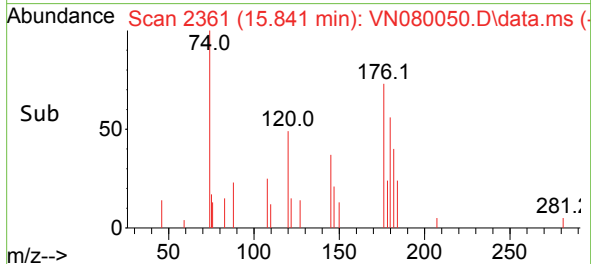
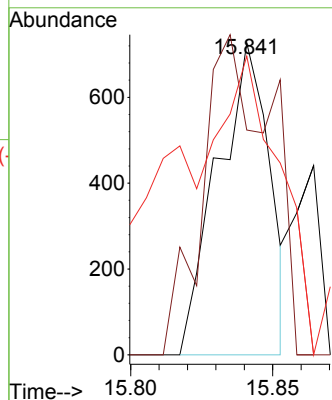
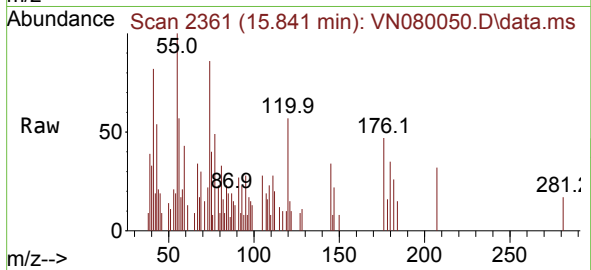
Acq: 10 Nov 2023 13:59

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:180	Resp:	934
Ion Ratio	Lower	Upper
180	100	
182	108.2	74.2 111.4
145	115.2	25.4 38.2#



#91

Naphthalene

Concen: 44.117 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN080050.D

Acq: 10 Nov 2023 13:59

Tgt Ion:128	Resp:	612572
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.9 16.3
129	10.9	8.6 12.8

