

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078090.D
 Acq On : 07 Jun 2023 09:43
 Operator : JC\MD
 Sample : VN0607MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607MBL01

Quant Time: Jun 07 16:39:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	391428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	707661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	631031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	186302	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	261662	50.137	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.280%	
35) Dibromofluoromethane	8.177	113	231680	51.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.560%	
50) Toluene-d8	10.571	98	879917	51.011	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.853	95	254872	47.529	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.060%	

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	1302	Below Cal	97	
5) Bromomethane	2.983	94	3102	0.708	ug/l #	75
10) Methyl Iodide	4.600	142	1341	0.229	ug/l #	93
13) Acrolein	4.200	56	845	1.064	ug/l #	55
15) Acrylonitrile	5.747	53	2354	1.267	ug/l #	47
16) Acetone	4.453	43	1302	0.867	ug/l #	74
17) Carbon Disulfide	4.724	76	5623	0.511	ug/l #	75
18) Methyl Acetate	5.048	43	1413	0.204	ug/l #	54
23) Vinyl Acetate	6.624	43	1478	0.203	ug/l #	62
25) 2-Butanone	7.494	43	834	0.361	ug/l #	37
29) Tetrahydrofuran	7.841	42	417	0.270	ug/l #	41
31) Cyclohexane	8.230	56	8690	1.298	ug/l #	56
36) 1,1-Dichloropropene	8.236	75	33337	5.194	ug/l #	41
38) Carbon Tetrachloride	8.236	117	42623	6.289	ug/l #	16
39) Methylcyclohexane	9.612	83	1999	0.301	ug/l #	63
43) Isopropyl Acetate	8.777	43	5599	0.584	ug/l #	49
49) 1,4-Dioxane	9.706	88	225	2.660	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	2701	0.535	ug/l #	75
59) 2-Hexanone	11.200	43	4168	1.186	ug/l	91
68) m/p-Xylenes	12.082	106	2118	0.238	ug/l	97
74) N-amyl acetate	12.500	43	1703	0.294	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	1242	Below Cal	# 89	
76) 1,2,3-Trichloropropane	12.853	75	128658	29.212	ug/l #	1
77) Bromobenzene	12.988	156	1408	0.344	ug/l	79
78) n-propylbenzene	13.041	91	4400	0.230	ug/l	95
79) 2-Chlorotoluene	13.129	91	2677	0.217	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.853	75	128658	89.749	ug/l #	15
82) 4-Chlorotoluene	13.223	91	2822	0.245	ug/l	76
83) tert-Butylbenzene	13.453	119	3128	0.252	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	3600	0.260	ug/l	79
85) sec-Butylbenzene	13.618	105	7371	0.454	ug/l	92
86) p-Isopropyltoluene	13.741	119	6246	0.474	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	2891	0.418	ug/l	99
88) 1,4-Dichlorobenzene	13.741	146	2891	0.433	ug/l	97
89) n-Butylbenzene	14.059	91	8841	0.851	ug/l	97
90) Hexachloroethane	14.341	117	593	0.254	ug/l	71

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 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

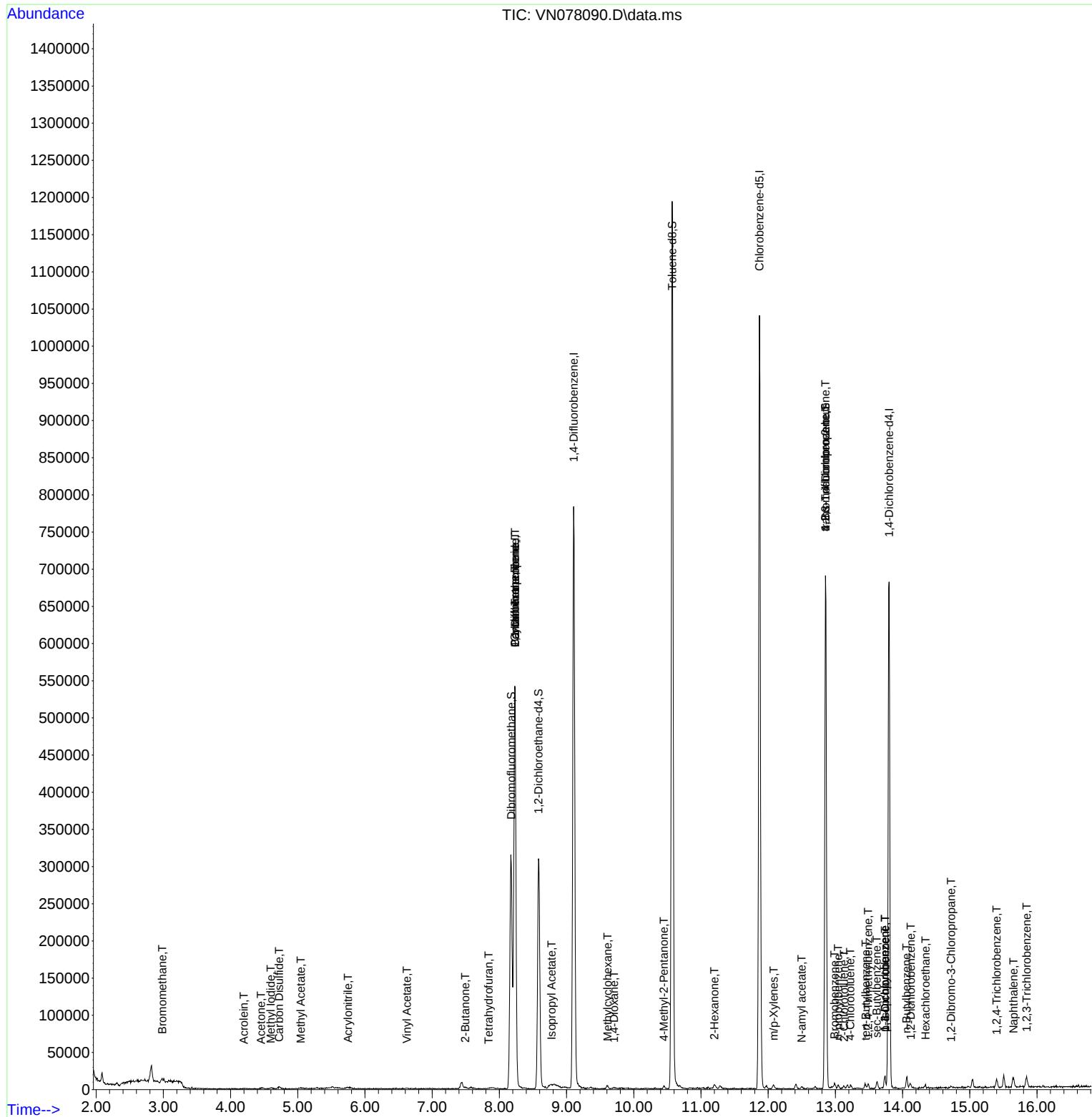
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	14.123	146	3142	0.465	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.723	75	747	0.856	ug/l #	57
93) 1,2,4-Trichlorobenzene	15.400	180	3597	1.493	ug/l	94
94) Hexachlorobutadiene	15.506	225	2375	Below Cal		90
95) Naphthalene	15.653	128	13391	1.653	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	4616	1.713	ug/l	97

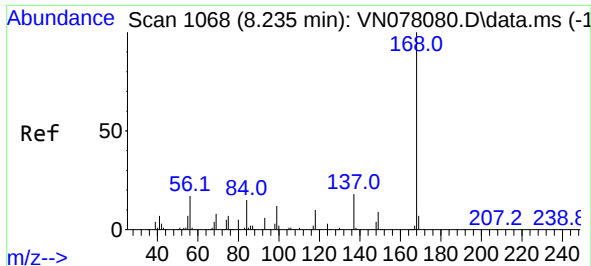
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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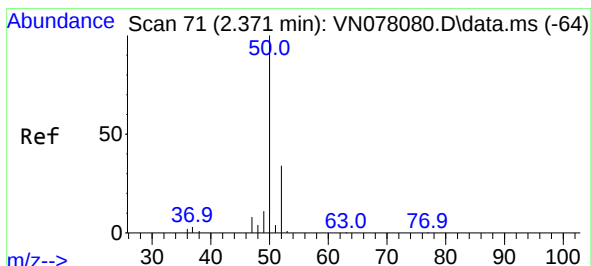
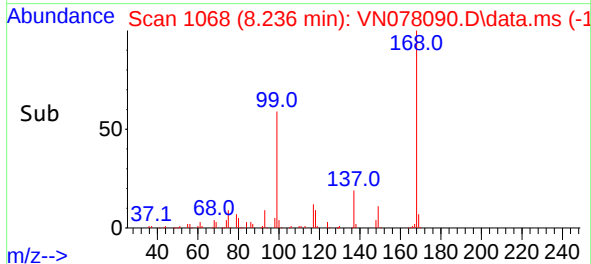
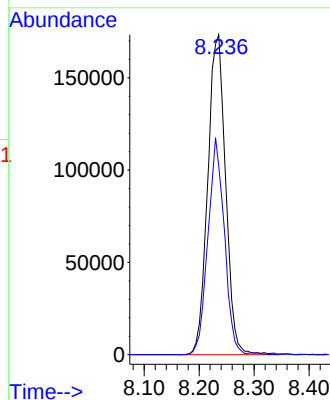
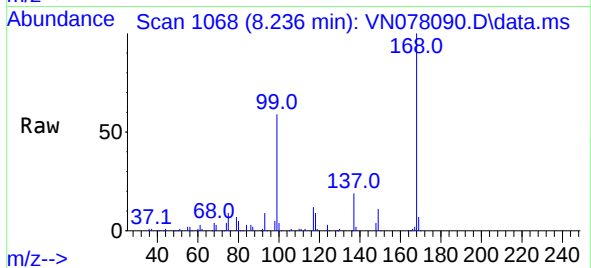




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

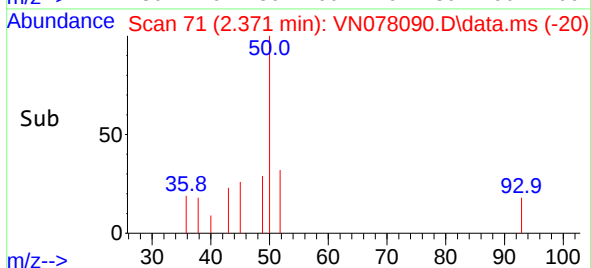
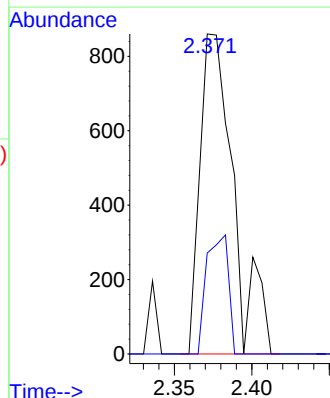
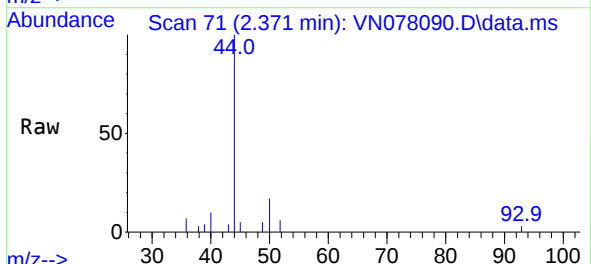
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

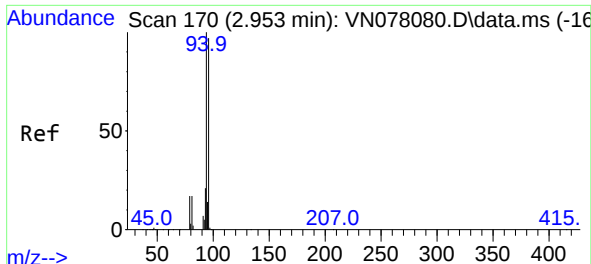
Tgt Ion:168 Resp: 391428
Ion Ratio Lower Upper
168 100
99 58.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 50 Resp: 1302
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7

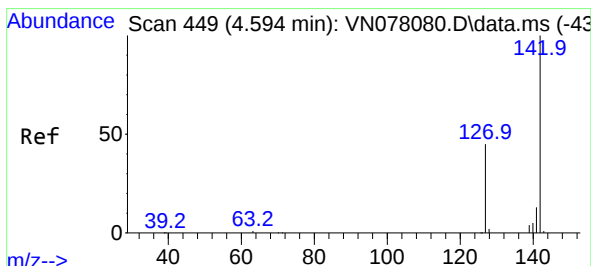
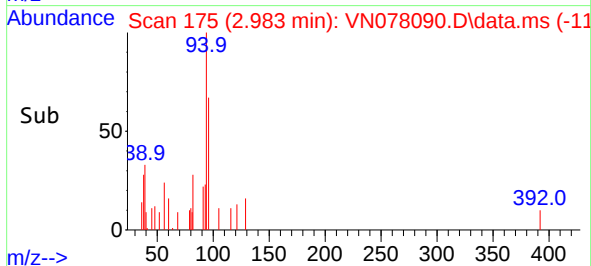
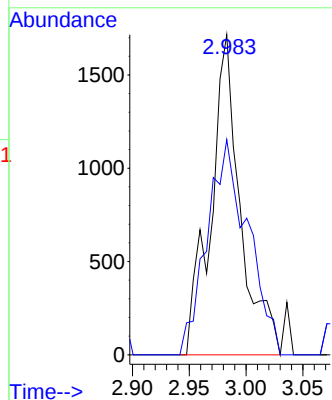
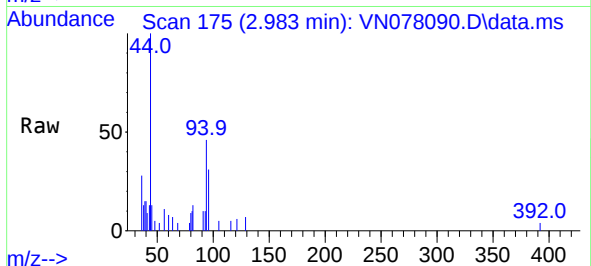




#5
Bromomethane
Concen: 0.708 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

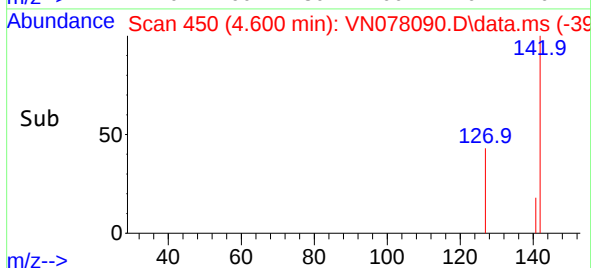
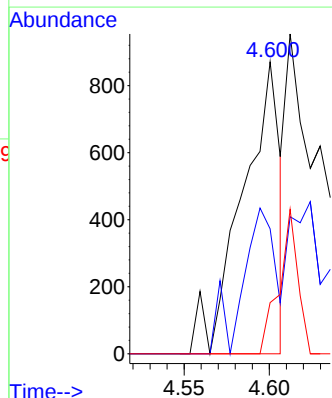
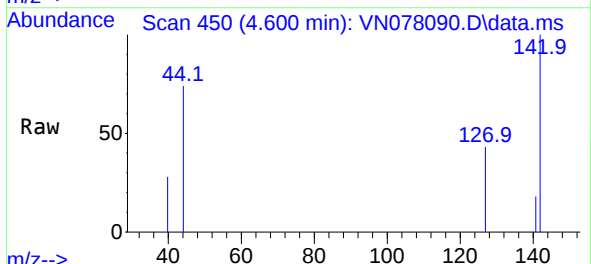
Instrument :
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ClientSampleId :
VN0607MBL01

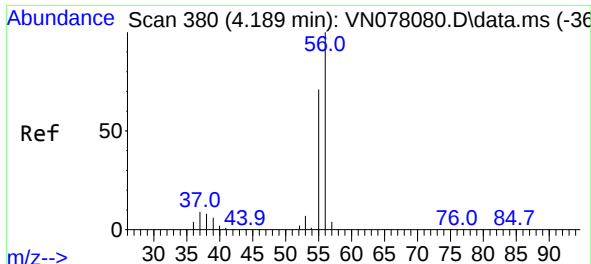
Tgt Ion: 94 Resp: 3102
Ion Ratio Lower Upper
94 100
96 67.2 73.1 109.7#



#10
Methyl Iodide
Concen: 0.229 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 142 Resp: 1341
Ion Ratio Lower Upper
142 100
127 42.8 37.6 56.4
141 17.6 11.4 17.0#

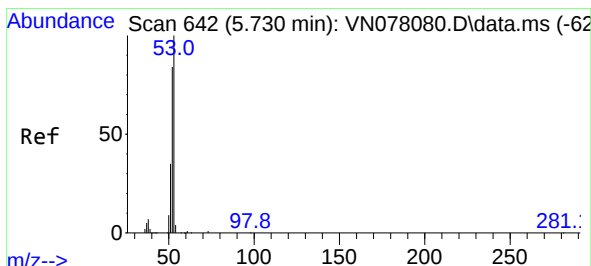
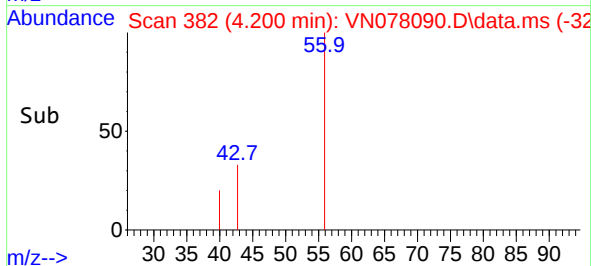
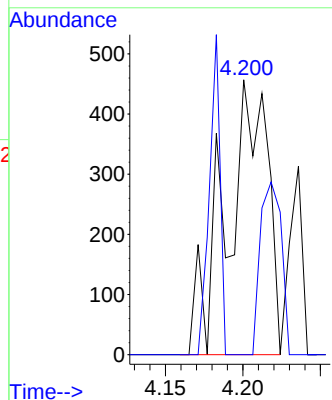
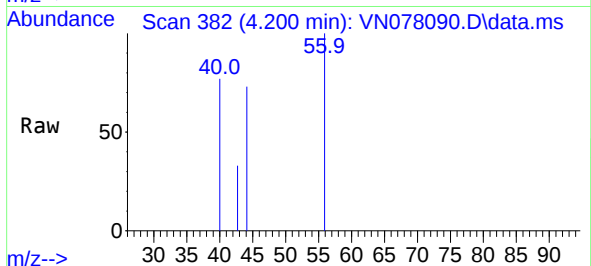




#13
Acrolein
Concen: 1.064 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

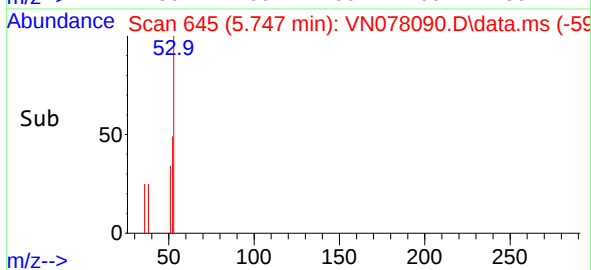
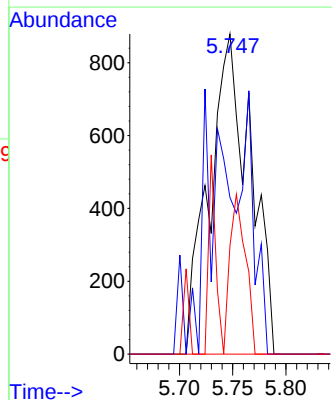
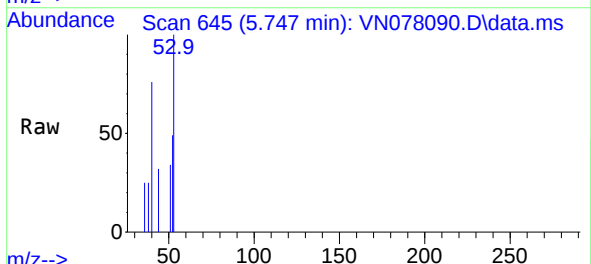
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

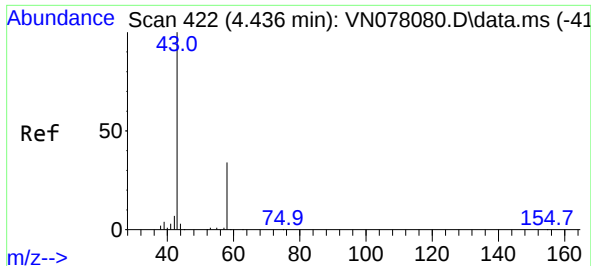
Tgt Ion: 56 Resp: 845
Ion Ratio Lower Upper
56 100
55 32.1 54.5 81.7#



#15
Acrylonitrile
Concen: 1.267 ug/l
RT: 5.747 min Scan# 645
Delta R.T. 0.018 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 53 Resp: 2354
Ion Ratio Lower Upper
53 100
52 25.0 65.3 97.9#
51 19.1 28.9 43.3#

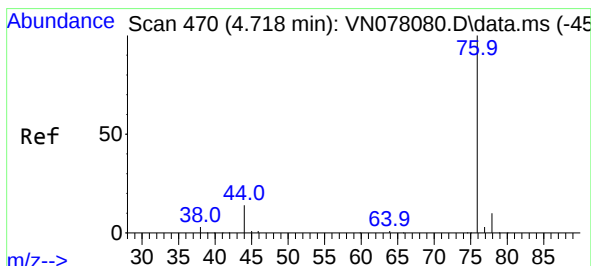
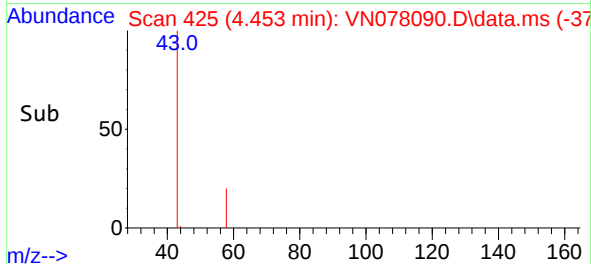
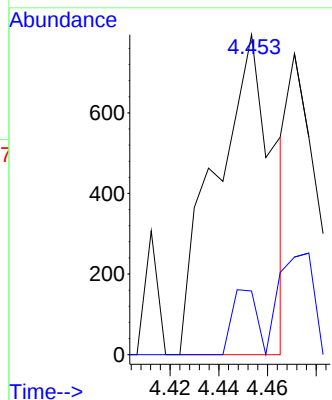
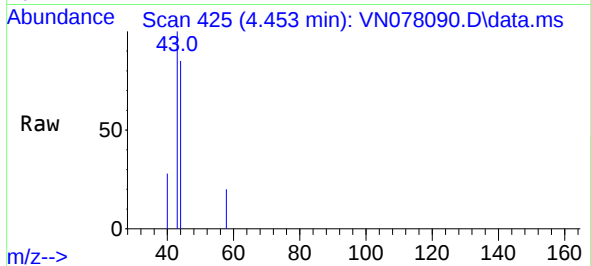




#16
Acetone
Concen: 0.867 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

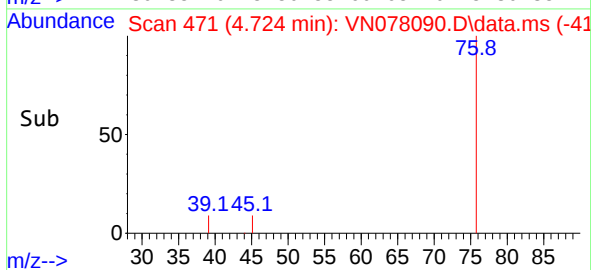
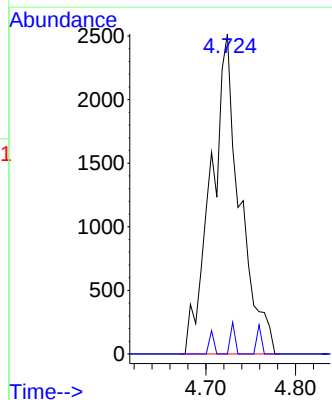
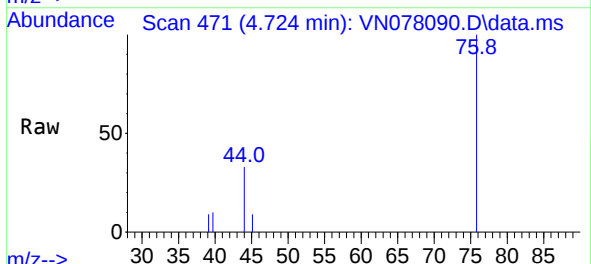
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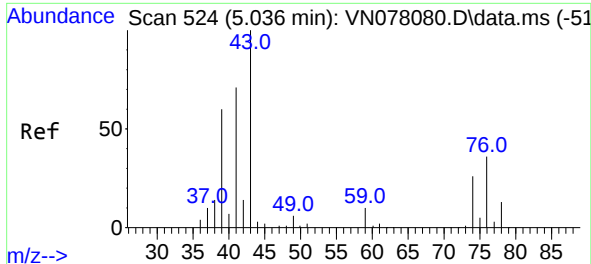
Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
58 19.9 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.511 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 76 Resp: 5623
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: 0.204 ug/l

RT: 5.048 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN078090.D

Acq: 07 Jun 2023 09:43

Instrument :

MSVOA_N

ClientSampleId :

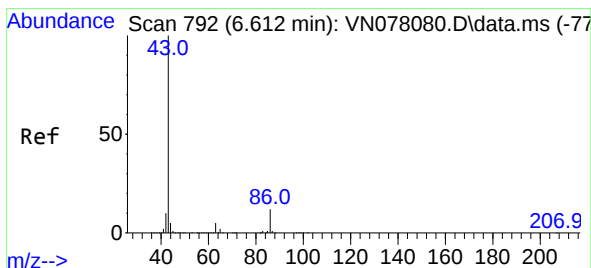
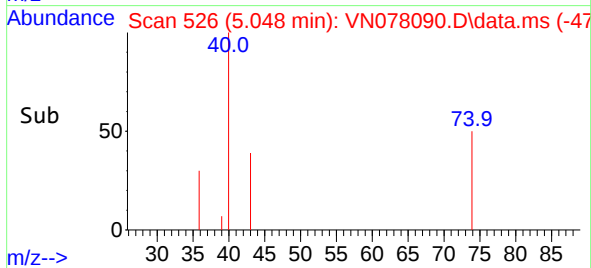
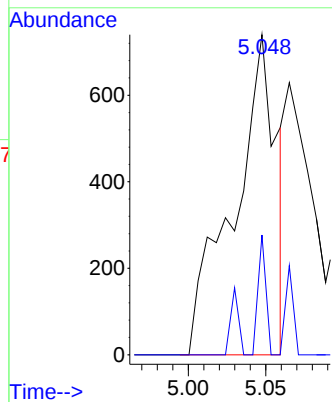
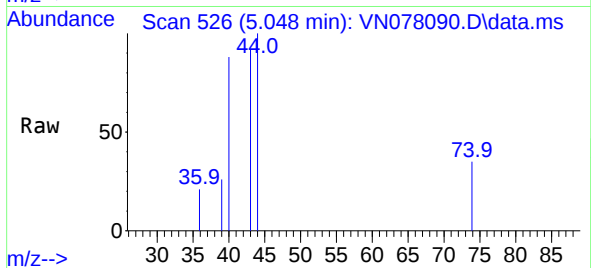
VN0607MBL01

Tgt Ion: 43 Resp: 1413

Ion Ratio Lower Upper

43 100

74 6.9 26.2 39.4#



#23

Vinyl Acetate

Concen: 0.203 ug/l

RT: 6.624 min Scan# 794

Delta R.T. 0.012 min

Lab File: VN078090.D

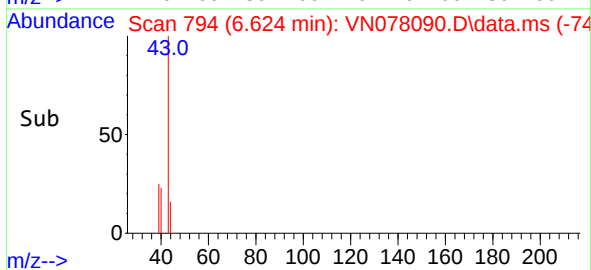
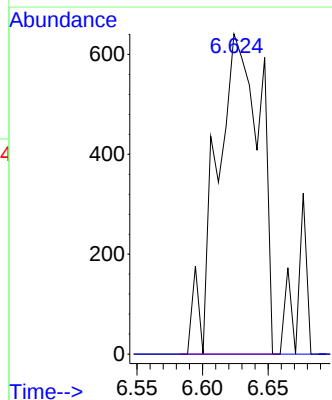
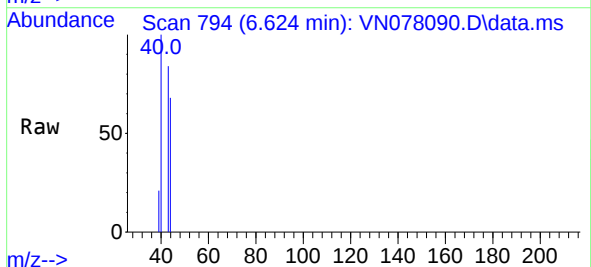
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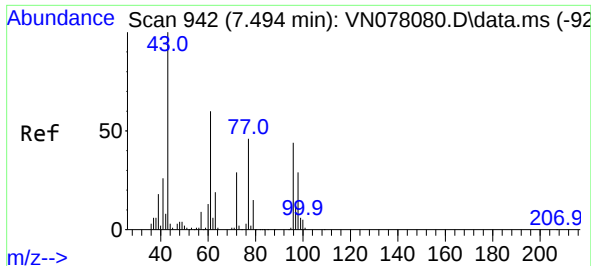
Tgt Ion: 43 Resp: 1478

Ion Ratio Lower Upper

43 100

86 0.0 13.0 19.6#

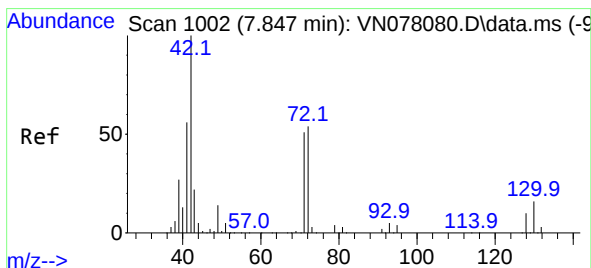
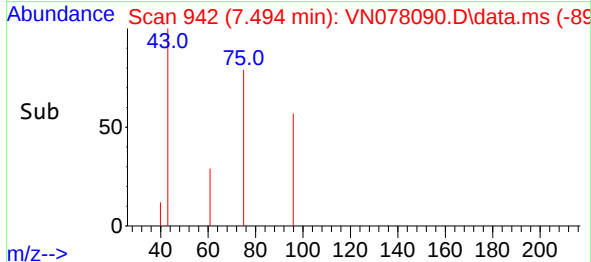
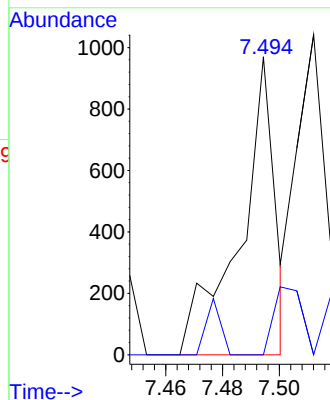
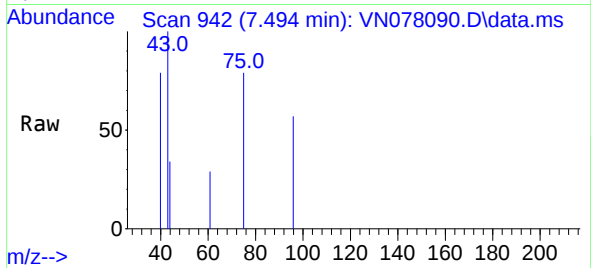




#25
2-Butanone
Concen: 0.361 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

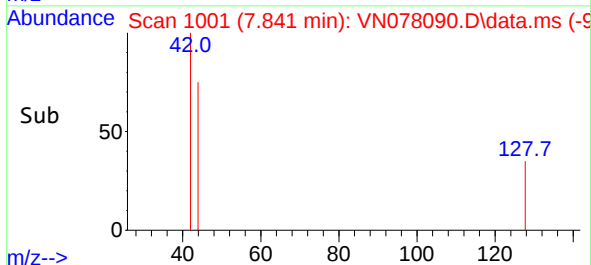
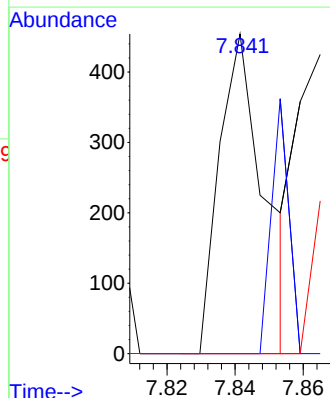
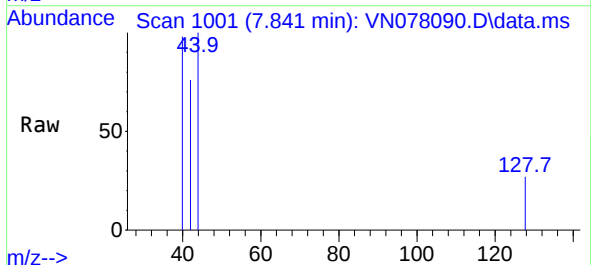
Instrument :
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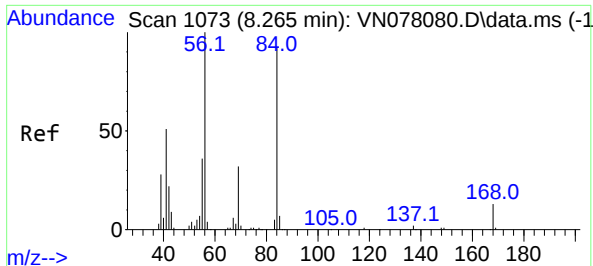
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.270 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 42 Resp: 417
Ion Ratio Lower Upper
42 100
72 30.7 49.8 74.6#
71 0.0 47.4 71.2#

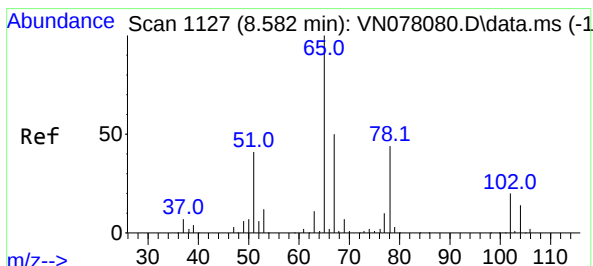
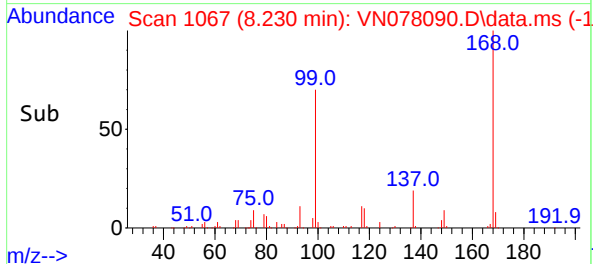
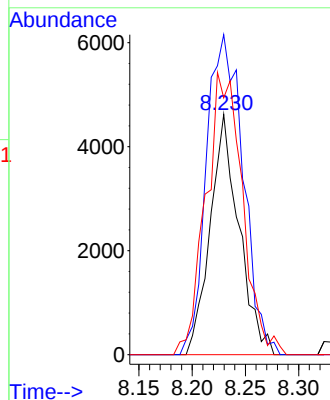
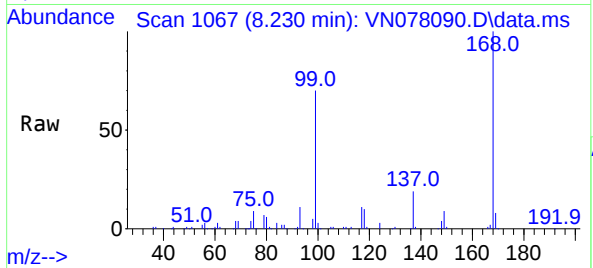




#31
Cyclohexane
Concen: 1.298 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

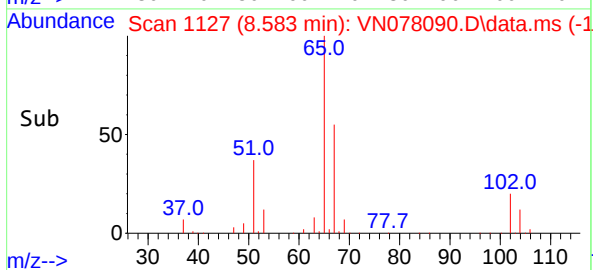
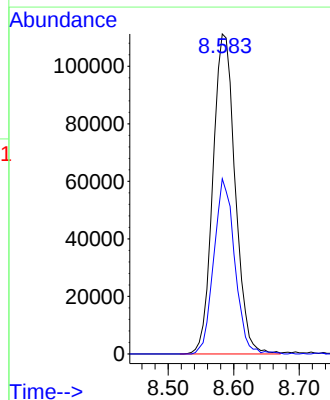
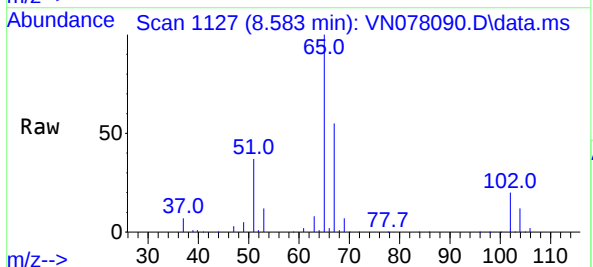
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

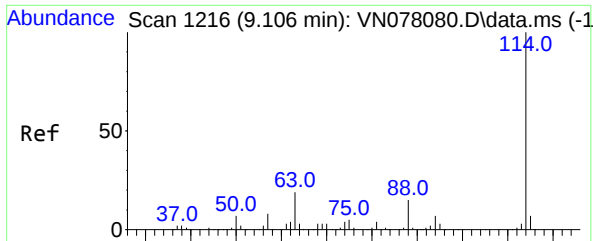
Tgt Ion: 56 Resp: 8690
Ion Ratio Lower Upper
56 100
69 133.2 26.8 40.2#
84 103.4 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 50.137 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 65 Resp: 261662
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6



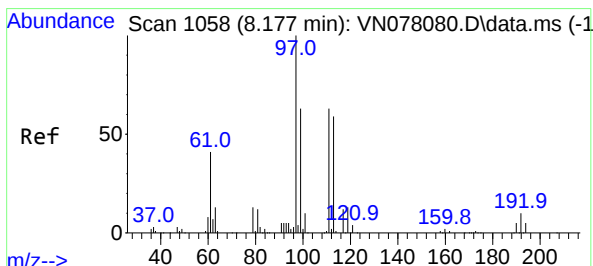
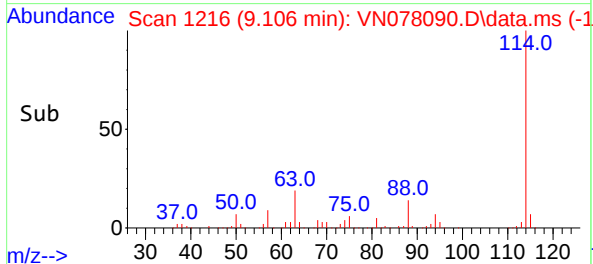
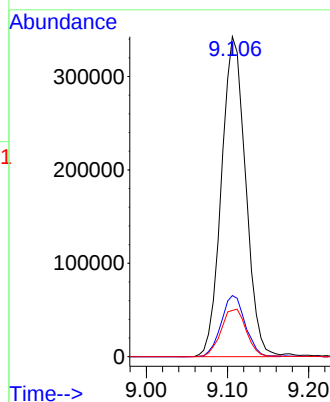
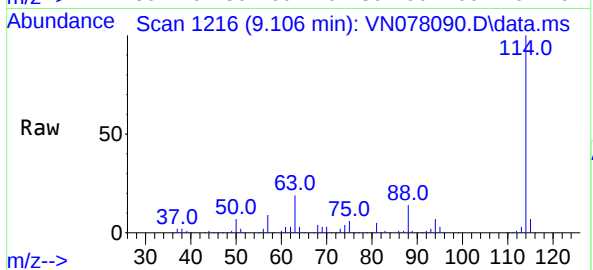


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

Tgt Ion:114 Resp: 707661

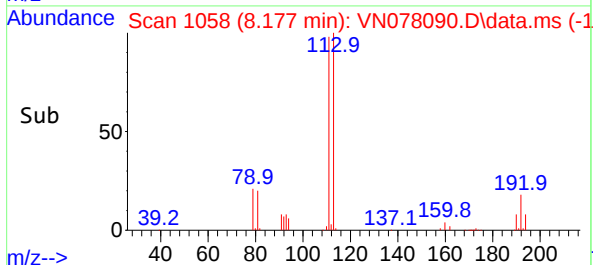
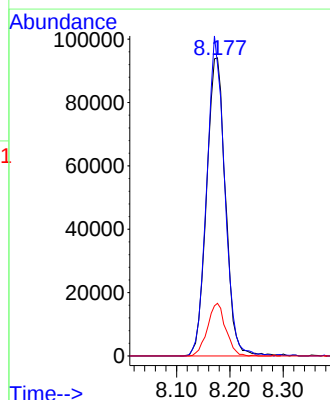
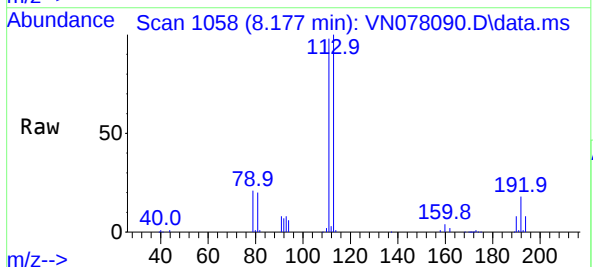
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	36.4
88	14.5	0.0	30.6

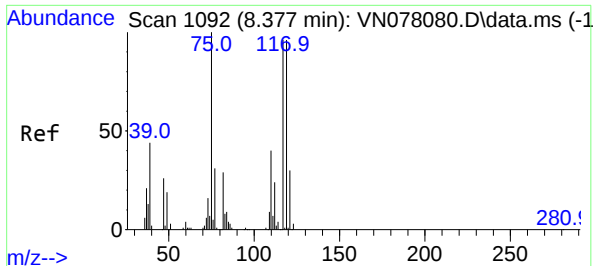


#35
Dibromofluoromethane
Concen: 51.778 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion:113 Resp: 231680

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.6	123.8
192	17.1	12.7	19.1

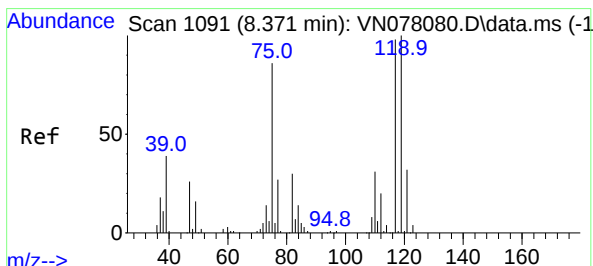
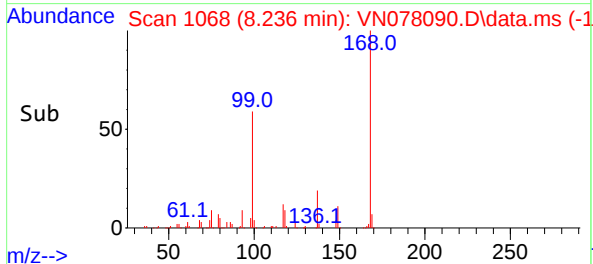
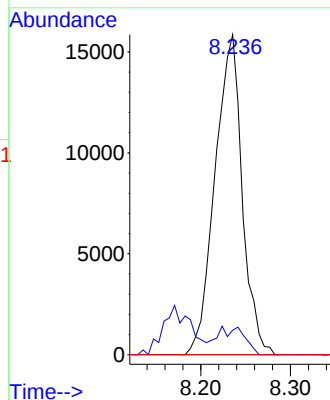
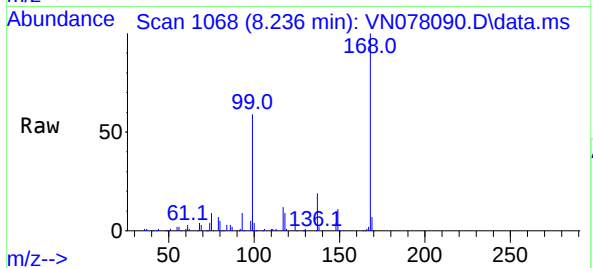




#36
1,1-Dichloropropene
Concen: 5.194 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

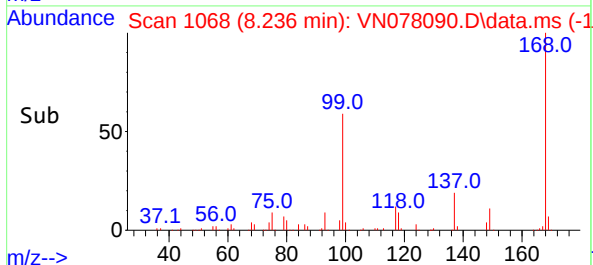
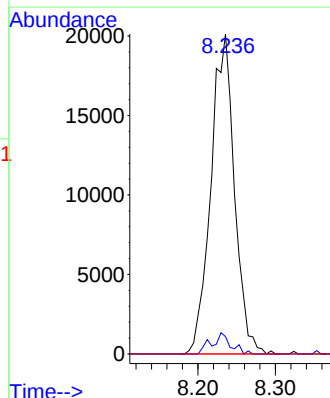
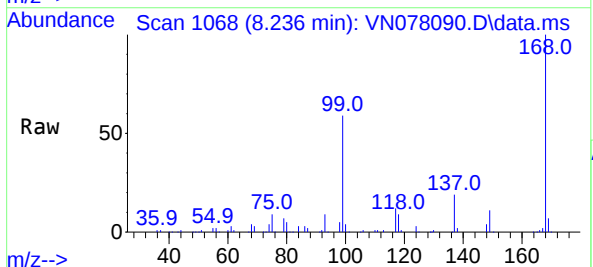
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

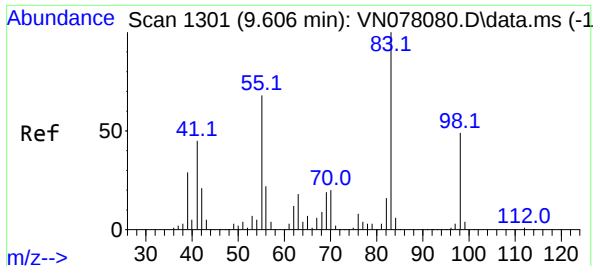
Tgt Ion: 75 Resp: 33337
Ion Ratio Lower Upper
75 100
110 1.6 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.289 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 117 Resp: 42623
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.301 ug/l

RT: 9.612 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078090.D

Acq: 07 Jun 2023 09:43

Instrument :

MSVOA_N

ClientSampleId :

VN0607MBL01

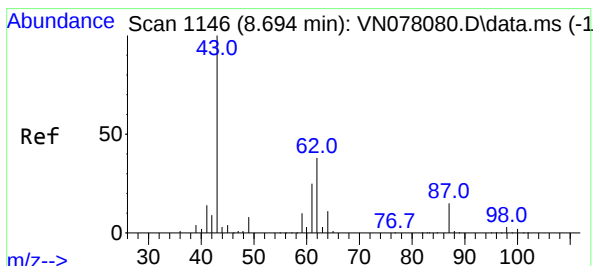
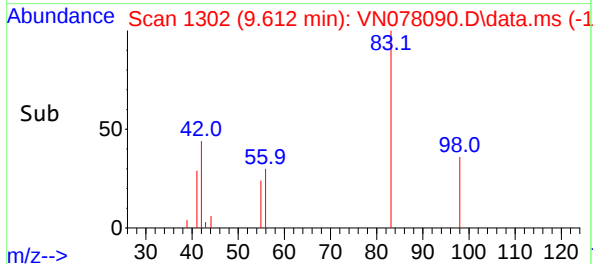
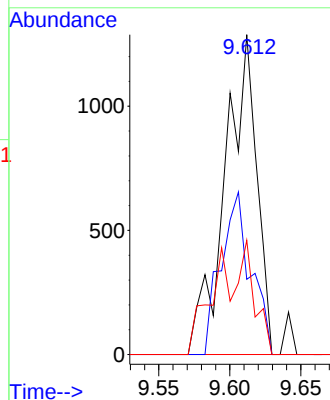
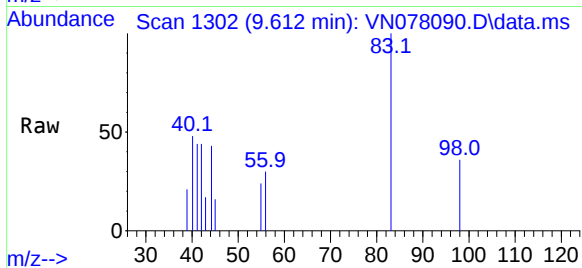
Tgt Ion: 83 Resp: 1999

Ion Ratio Lower Upper

83 100

55 23.5 49.1 73.7#

98 35.7 40.6 61.0#



#43

Isopropyl Acetate

Concen: 0.584 ug/l

RT: 8.777 min Scan# 1160

Delta R.T. 0.082 min

Lab File: VN078090.D

Acq: 07 Jun 2023 09:43

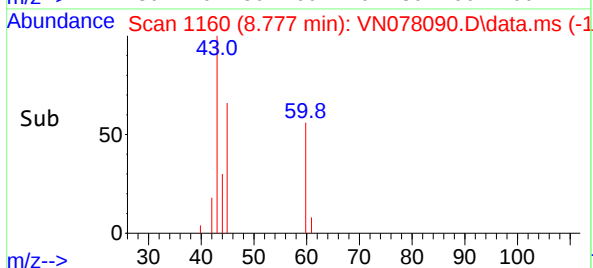
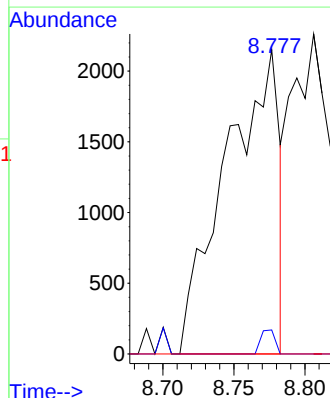
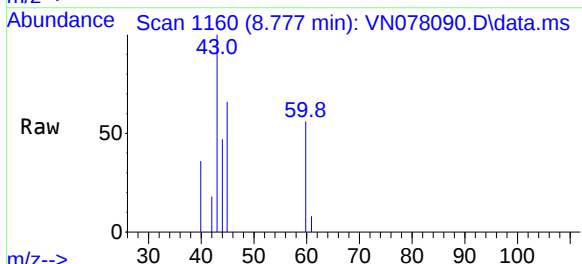
Tgt Ion: 43 Resp: 5599

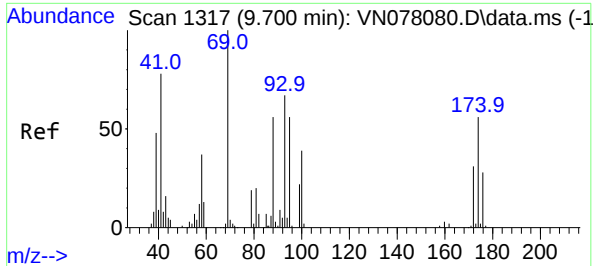
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

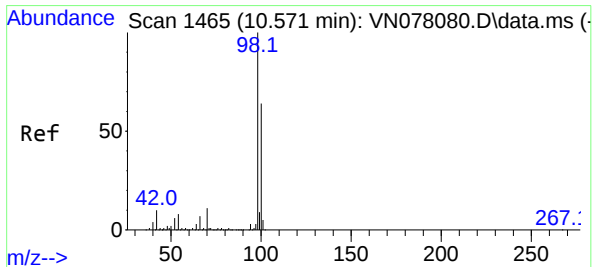
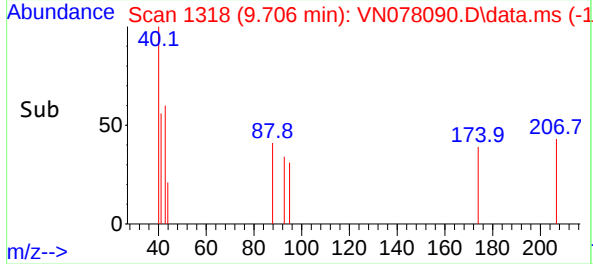
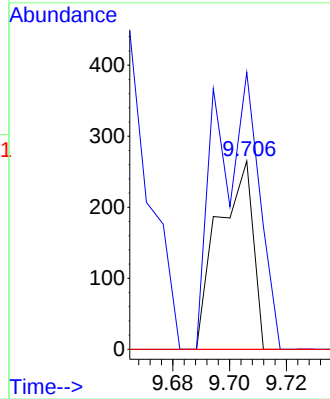
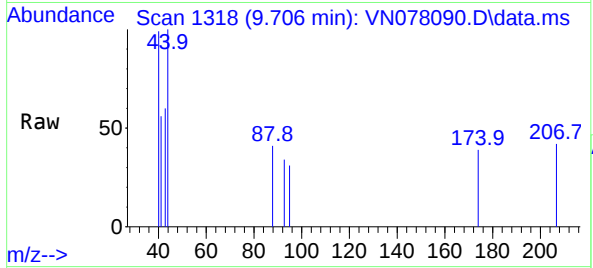




#49
1,4-Dioxane
Concen: 2.660 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

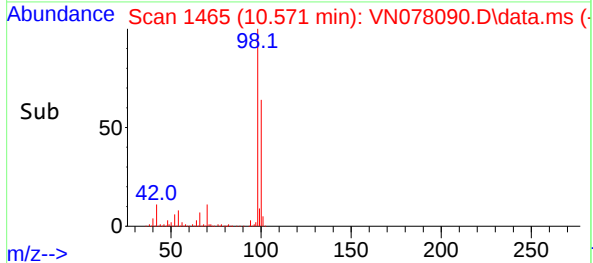
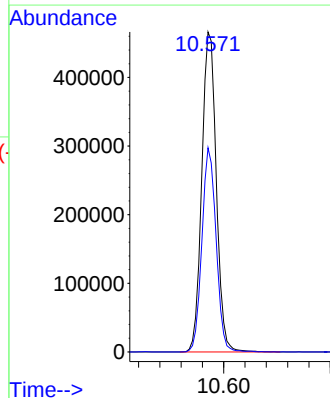
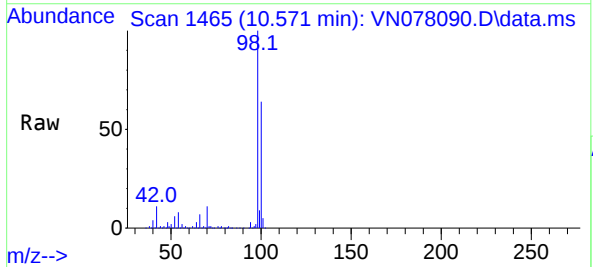
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

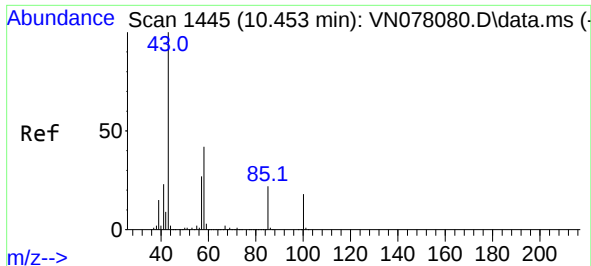
Tgt Ion: 88 Resp: 225
Ion Ratio Lower Upper
88 100
43 177.3 17.0 25.6#
58 0.0 47.0 70.4#



#50
Toluene-d8
Concen: 51.011 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 98 Resp: 879917
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0

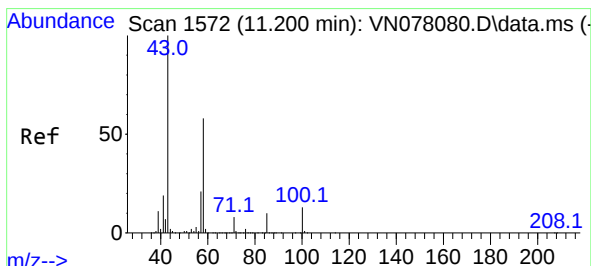
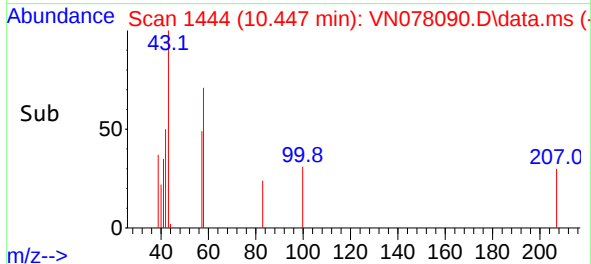
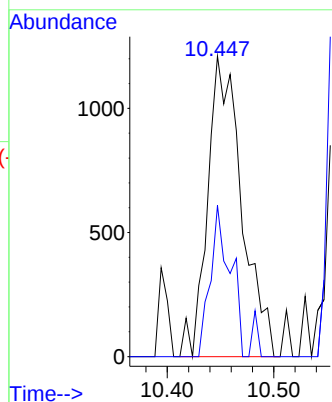
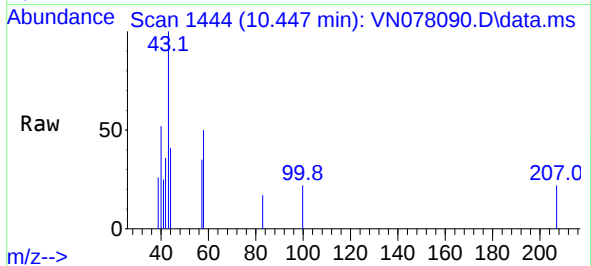




#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

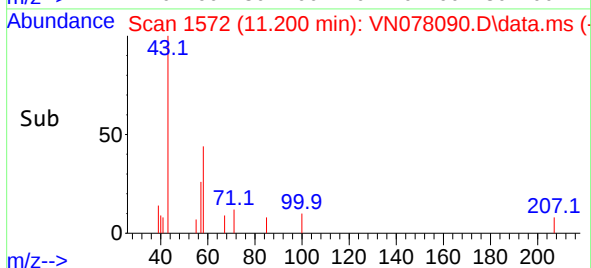
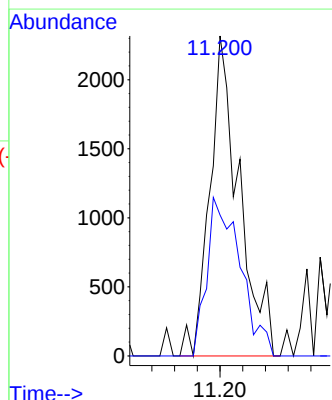
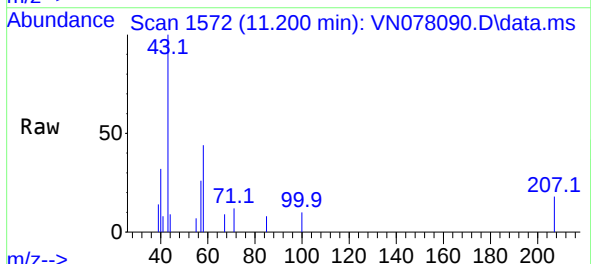
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

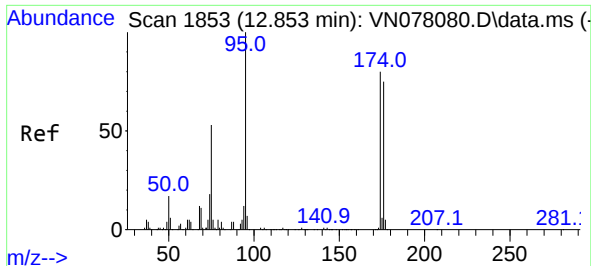
Tgt Ion: 43 Resp: 2701
Ion Ratio Lower Upper
43 100
58 29.4 36.6 54.8#



#59
2-Hexanone
Concen: 1.186 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 43 Resp: 4168
Ion Ratio Lower Upper
43 100
58 56.3 31.7 95.1

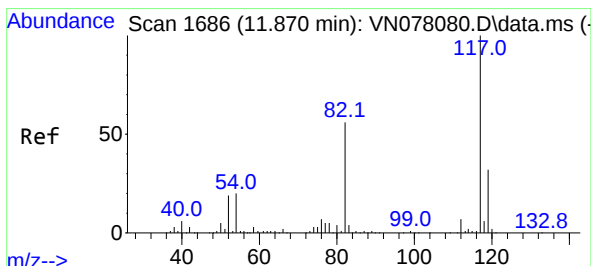
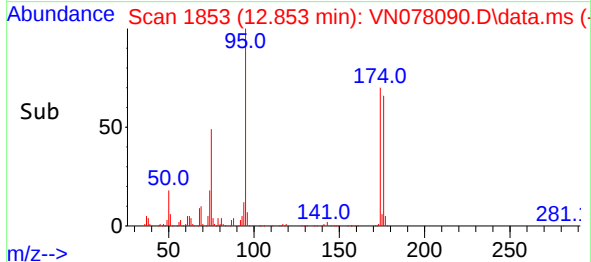
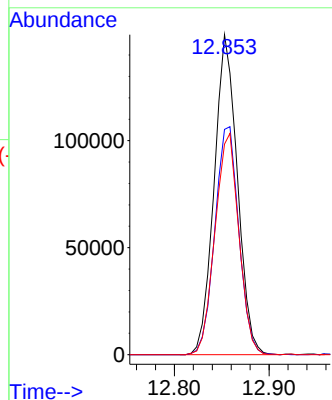
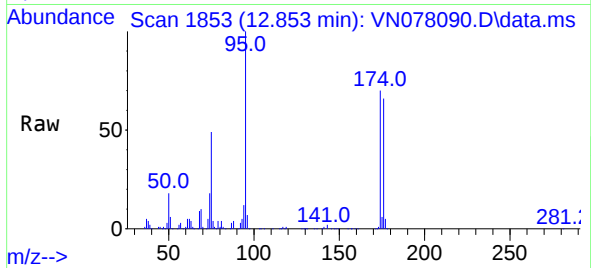




#62
4-Bromofluorobenzene
Concen: 47.529 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

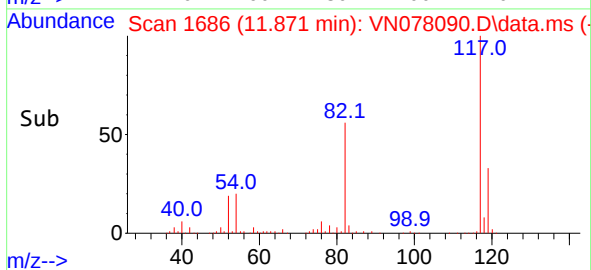
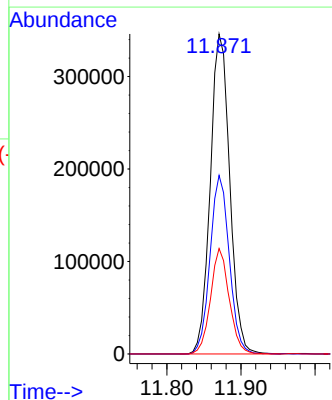
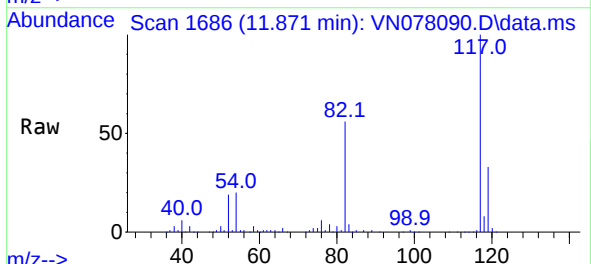
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

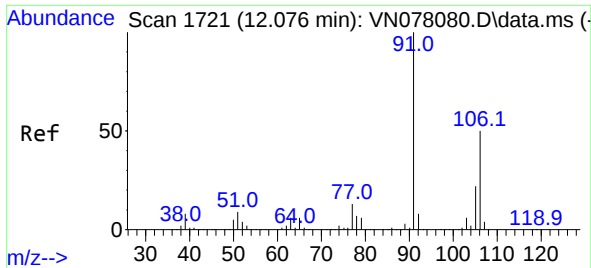
Tgt Ion: 95 Resp: 254872
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 71.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 117 Resp: 631031
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 32.9 25.6 38.4

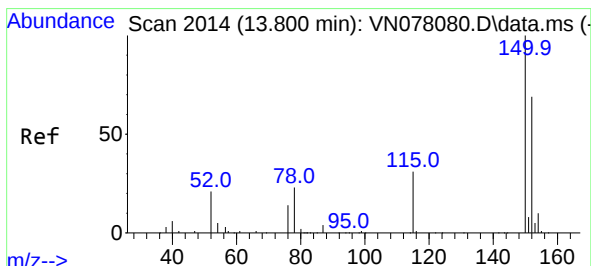
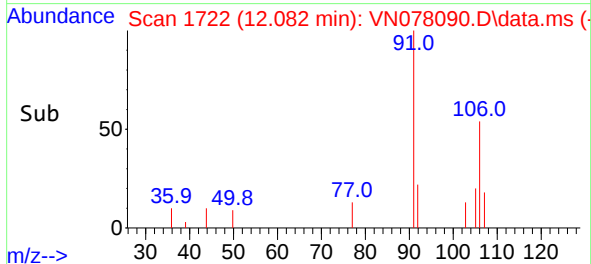
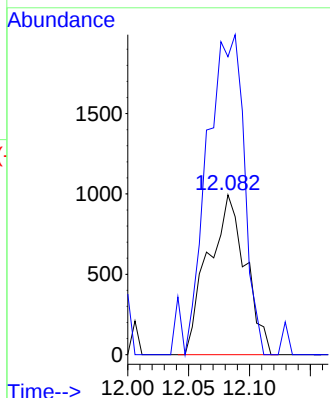
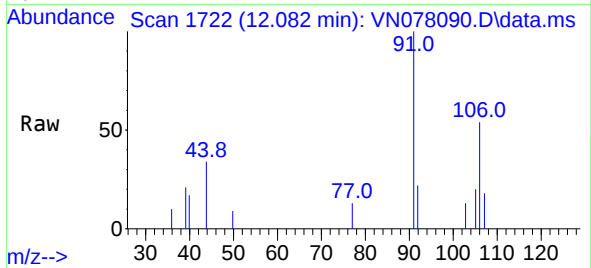




#68
m/p-Xylenes
Concen: 0.238 ug/l
RT: 12.082 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

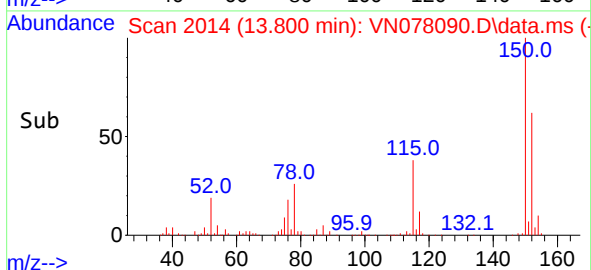
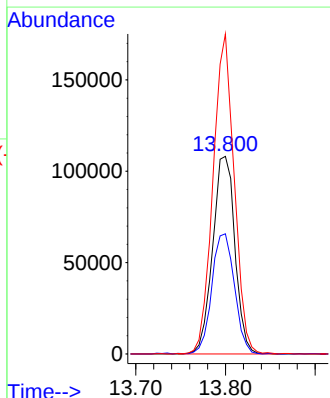
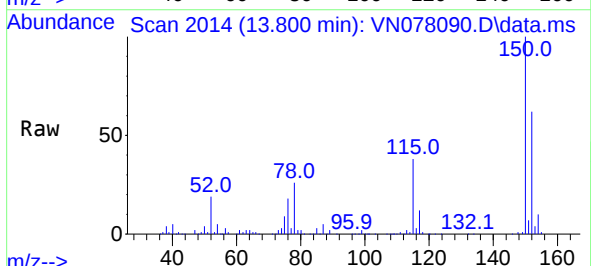
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

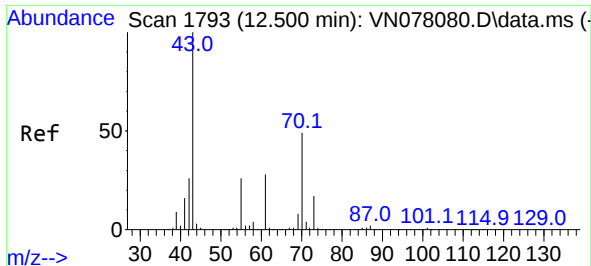
Tgt Ion:106 Resp: 2118
Ion Ratio Lower Upper
106 100
91 203.8 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion:152 Resp: 186302
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 154.2 0.0 355.8

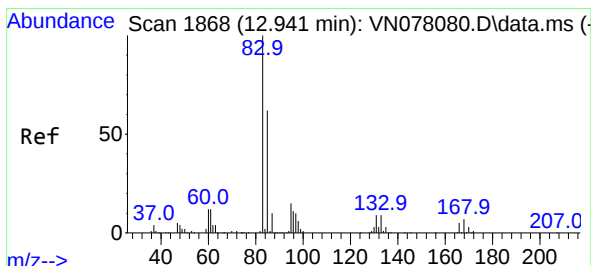
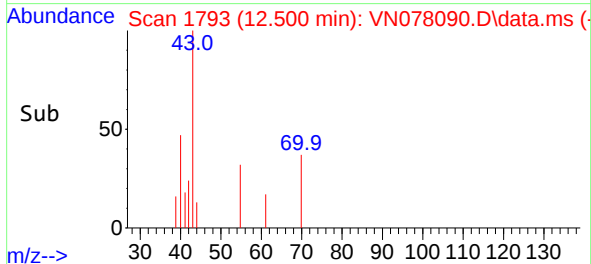
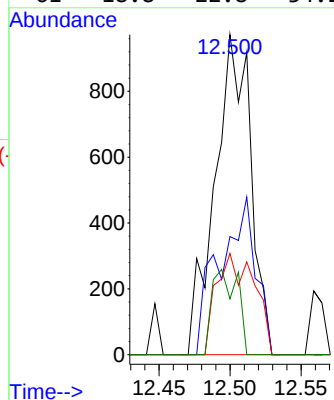
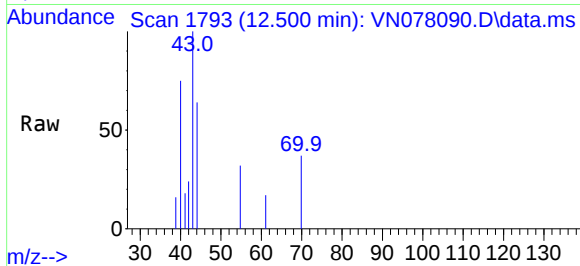




#74
N-amy1 acetate
Concen: 0.294 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

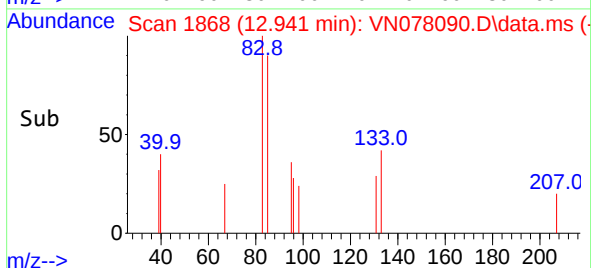
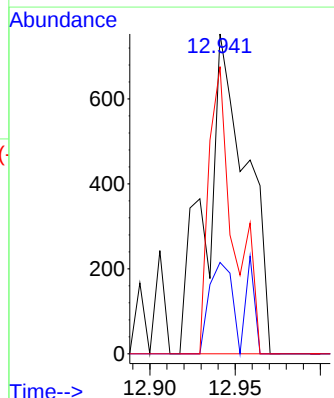
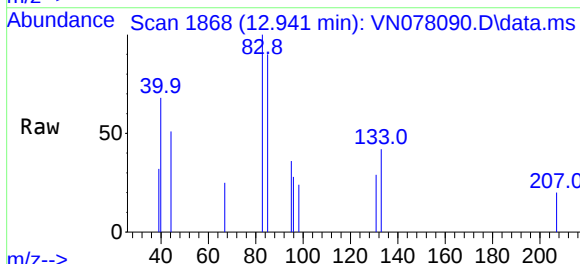
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

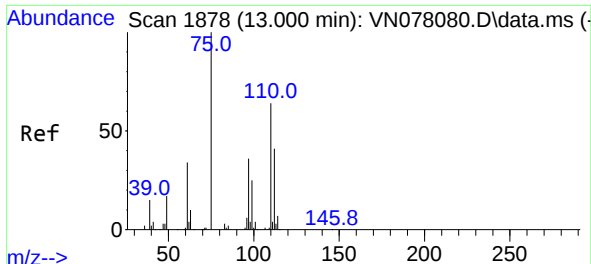
Tgt Ion:	43	Resp:	1703
Ion	Ratio	Lower	Upper
43	100		
70	50.3	43.4	65.2
55	33.5	21.4	32.0#
61	18.8	22.8	34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion:	83	Resp:	1242
Ion	Ratio	Lower	Upper
83	100		
131	16.2	5.0	15.0#
85	55.5	31.9	95.7

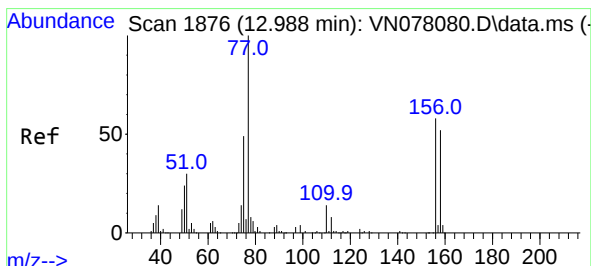
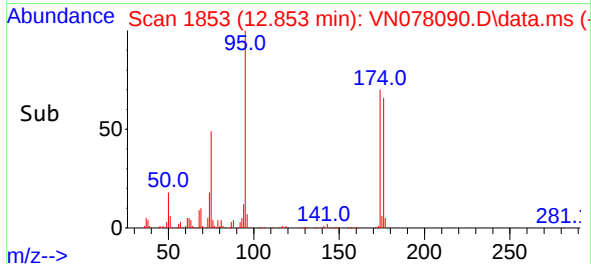
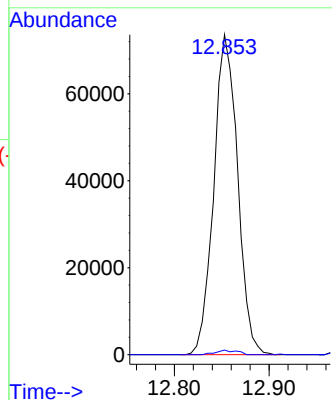
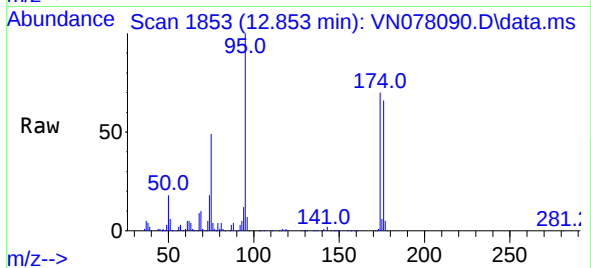




#76
1,2,3-Trichloropropane
Concen: 29.212 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

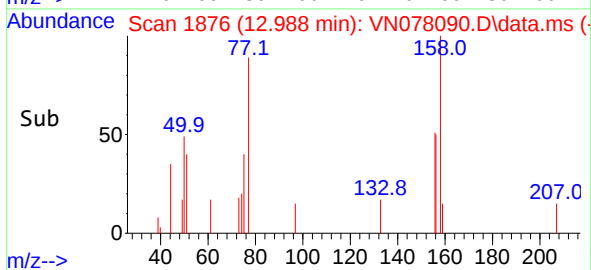
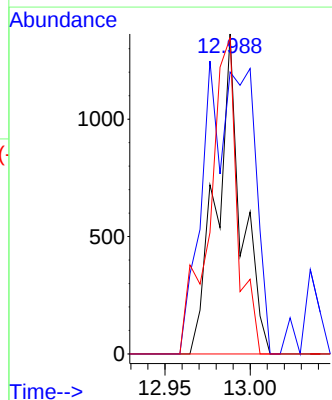
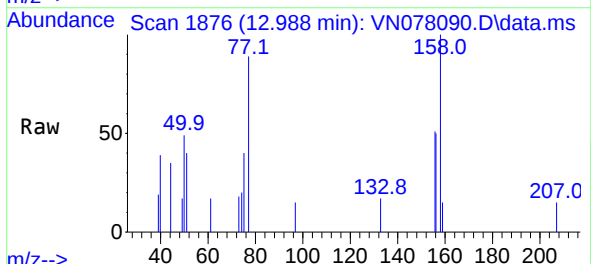
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

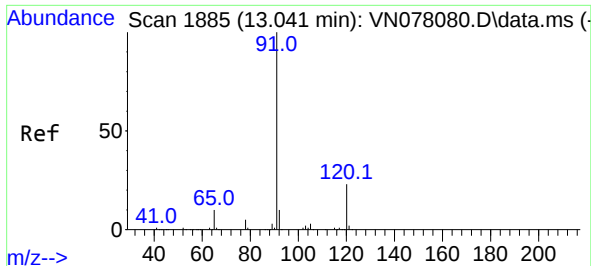
Tgt Ion: 75 Resp: 128658
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#77
Bromobenzene
Concen: 0.344 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion:156 Resp: 1408
Ion Ratio Lower Upper
156 100
77 174.9 107.7 323.3
158 108.9 48.4 145.3

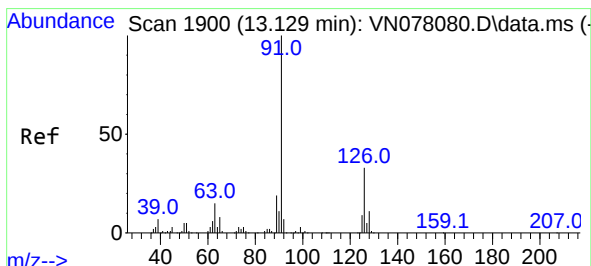
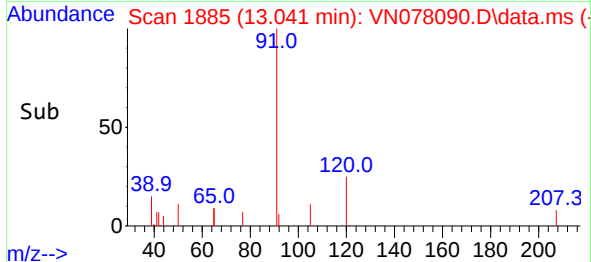
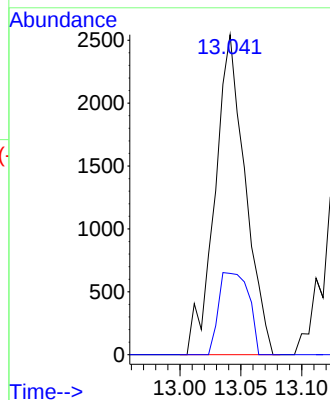
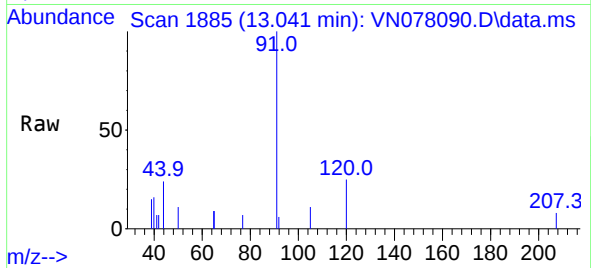




#78
n-propylbenzene
Concen: 0.230 ug/l
RT: 13.041 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

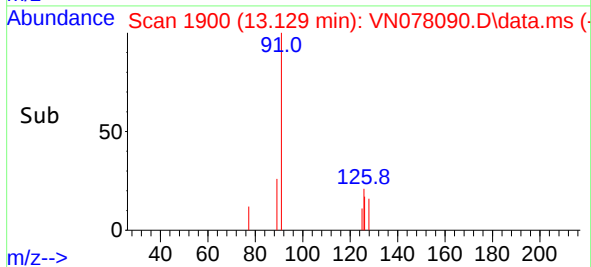
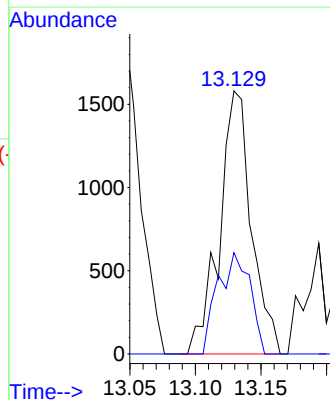
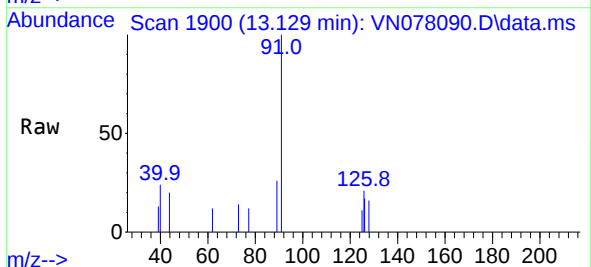
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

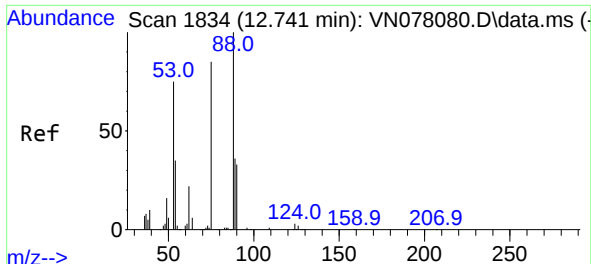
Tgt Ion: 91 Resp: 4400
Ion Ratio Lower Upper
91 100
120 25.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.217 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 91 Resp: 2677
Ion Ratio Lower Upper
91 100
126 38.8 16.3 48.8

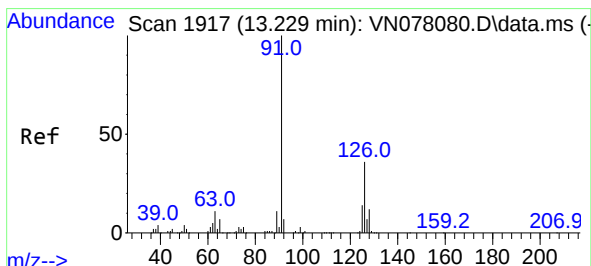
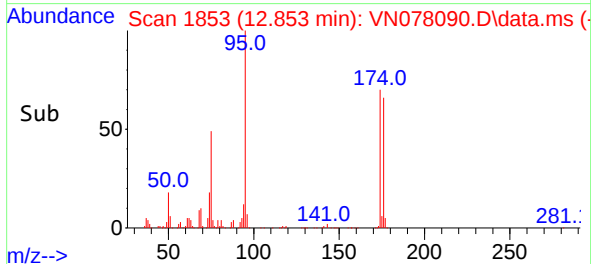
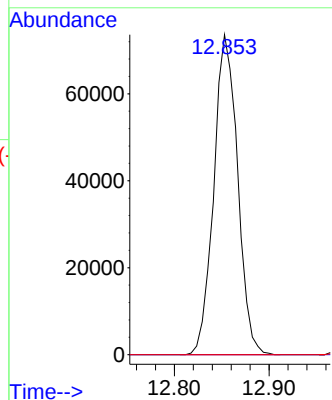
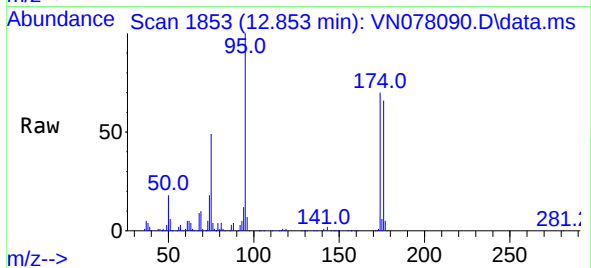




#81
trans-1,4-Dichloro-2-butene
Concen: 89.749 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

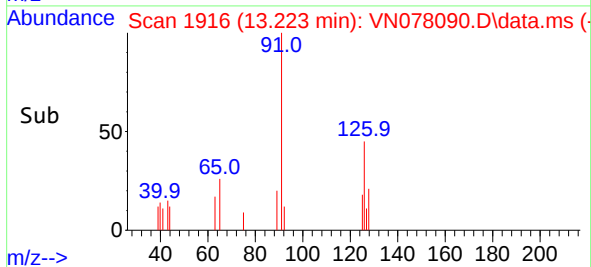
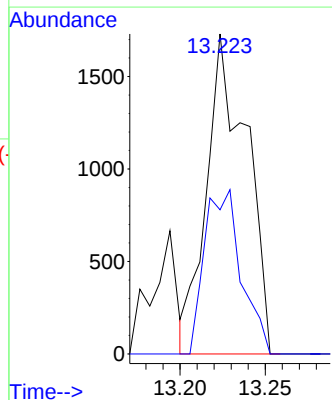
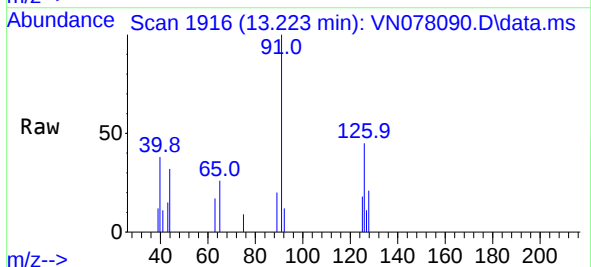
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

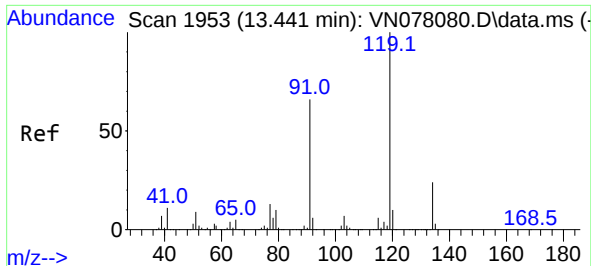
Tgt Ion: 75 Resp: 128658
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.245 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 91 Resp: 2822
Ion Ratio Lower Upper
91 100
126 47.1 16.7 50.0

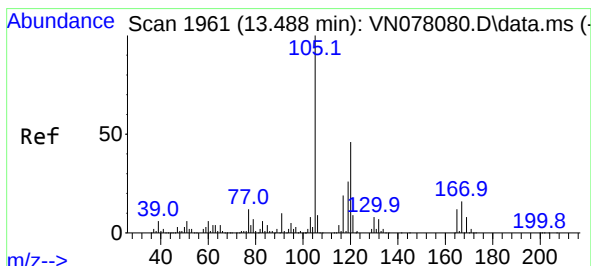
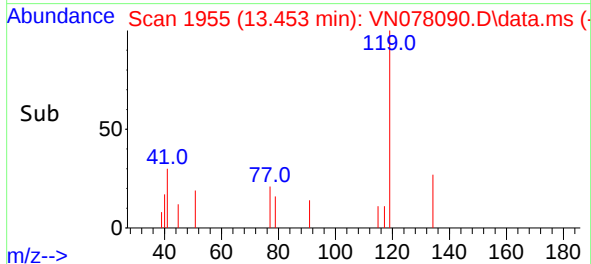
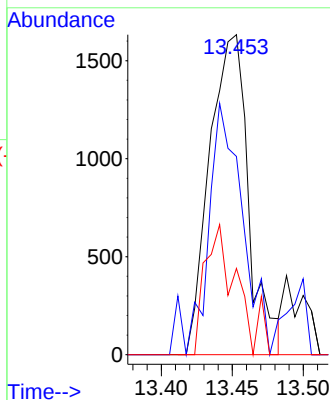
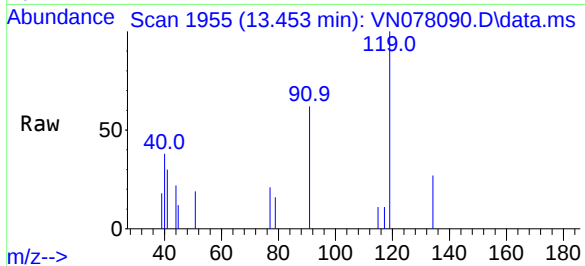




#83
tert-Butylbenzene
Concen: 0.252 ug/l
RT: 13.453 min Scan# 1955
Delta R.T. 0.012 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

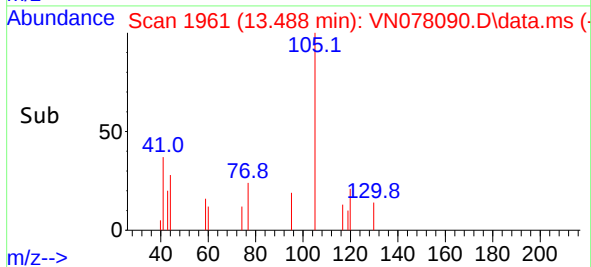
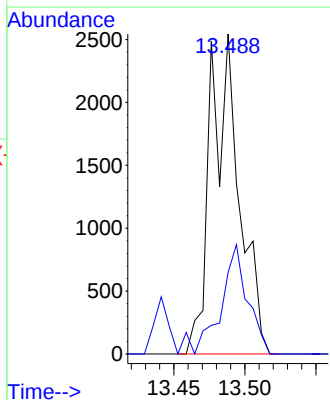
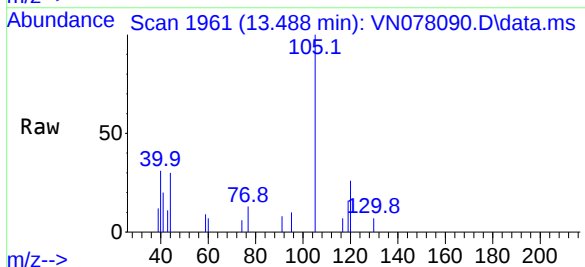
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

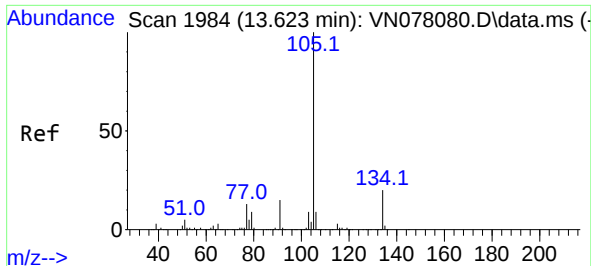
Tgt Ion:119 Resp: 3128
Ion Ratio Lower Upper
119 100
91 66.7 33.9 101.7
134 33.6 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.260 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion:105 Resp: 3600
Ion Ratio Lower Upper
105 100
120 30.7 22.0 66.0

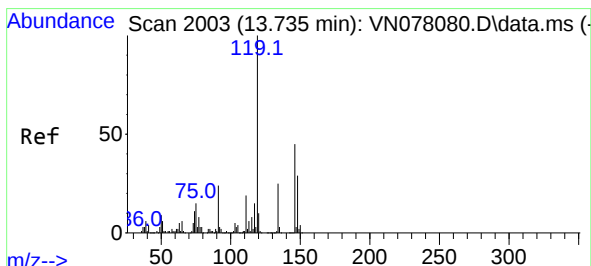
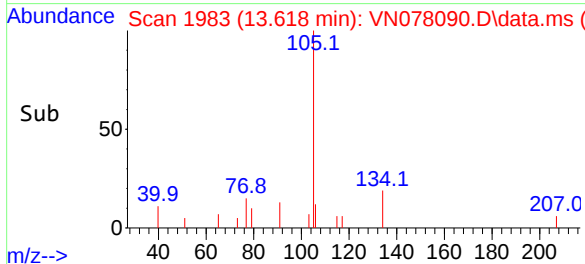
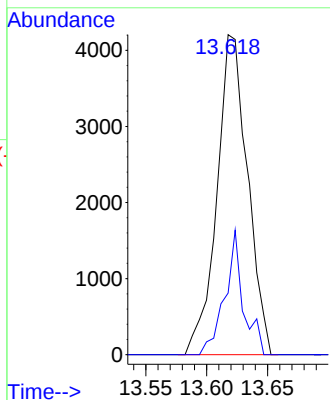
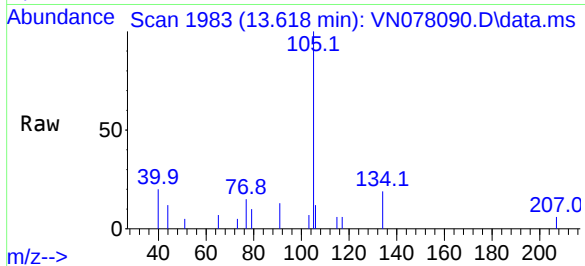




#85
 sec-Butylbenzene
 Concen: 0.454 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078090.D
 Acq: 07 Jun 2023 09:43

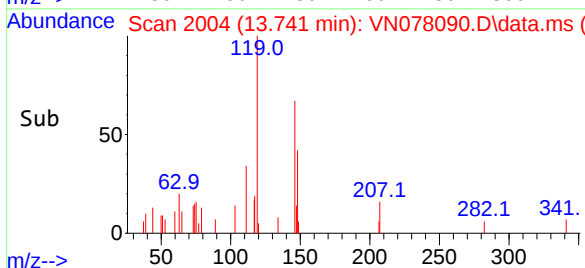
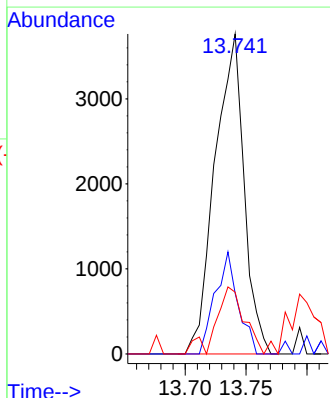
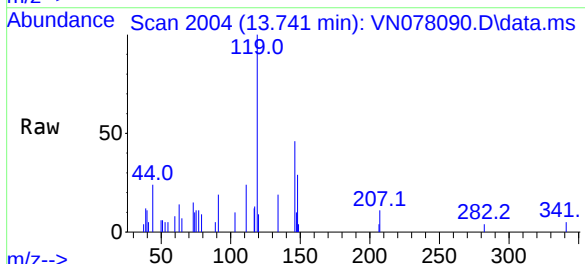
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607MBL01

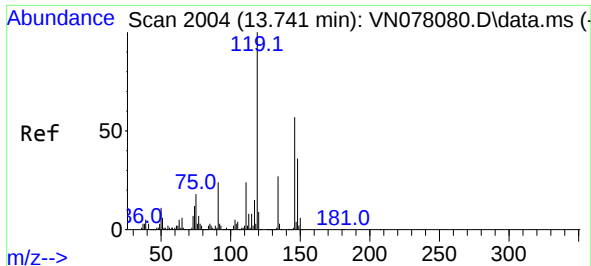
Tgt Ion:105 Resp: 7371
 Ion Ratio Lower Upper
 105 100
 134 23.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.474 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: VN078090.D
 Acq: 07 Jun 2023 09:43

Tgt Ion:119 Resp: 6246
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 20.6 12.4 37.2

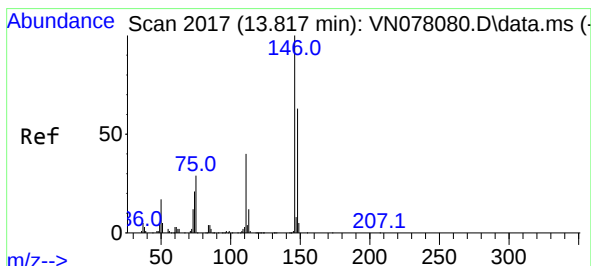
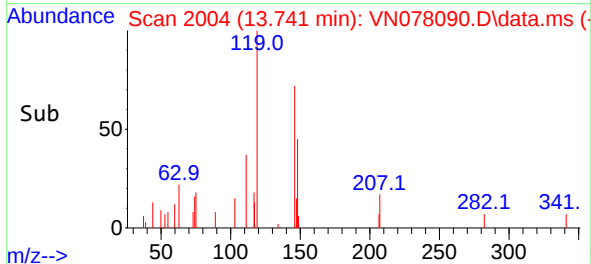
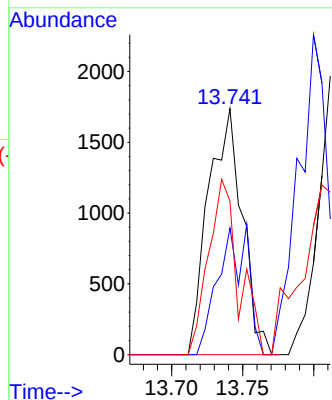
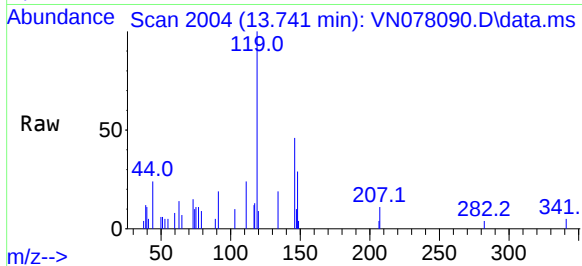




#87
1,3-Dichlorobenzene
Concen: 0.418 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

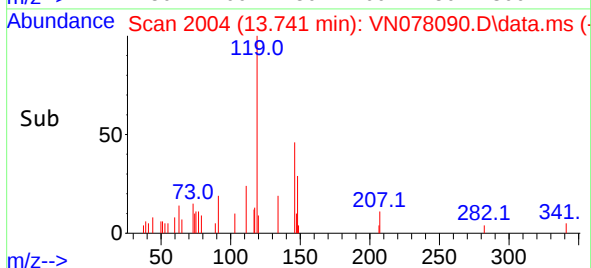
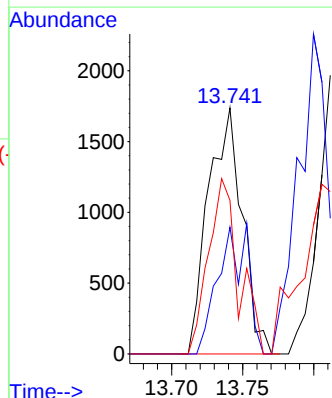
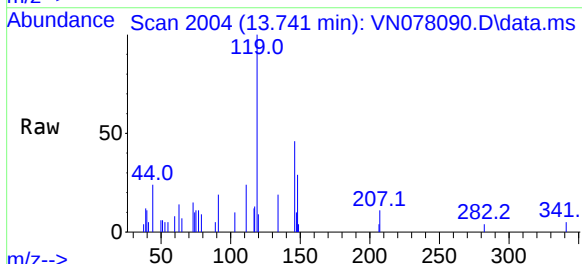
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

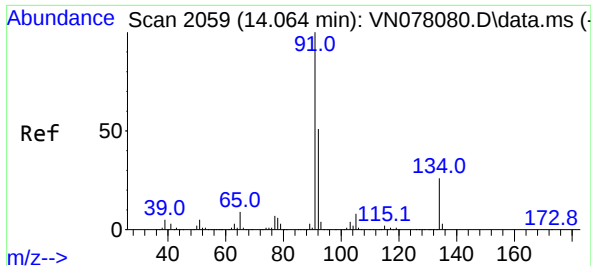
Tgt Ion:146 Resp: 2891
Ion Ratio Lower Upper
146 100
111 45.6 22.1 66.3
148 63.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.433 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.076 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion:146 Resp: 2891
Ion Ratio Lower Upper
146 100
111 45.6 20.6 61.8
148 63.3 31.6 94.8

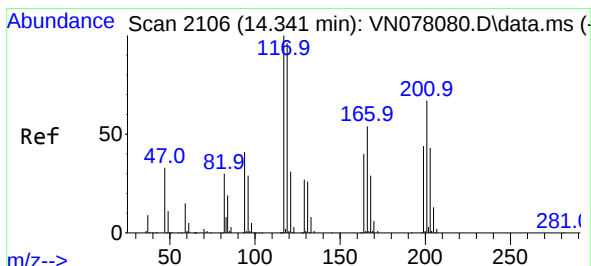
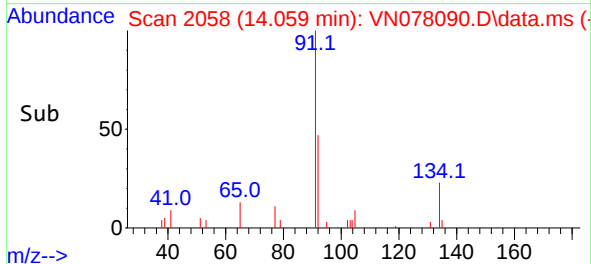
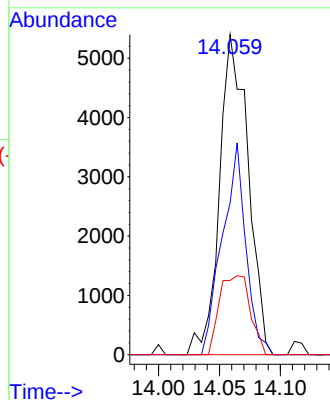
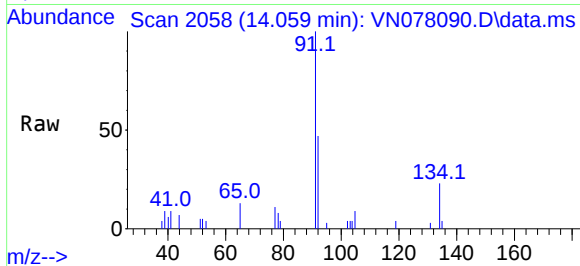




#89
n-Butylbenzene
Concen: 0.851 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

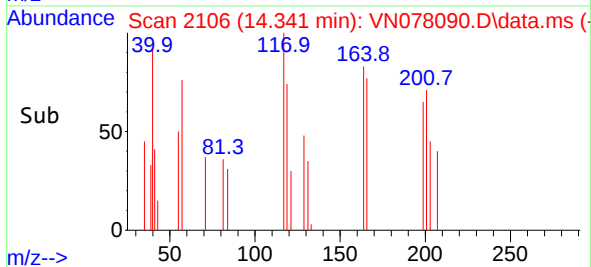
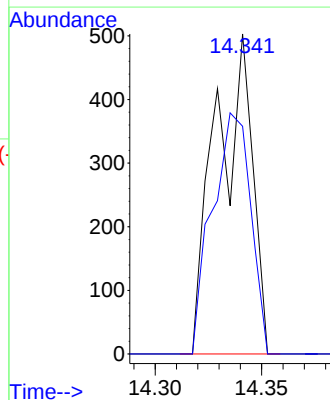
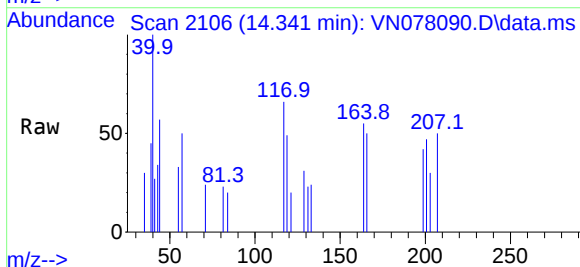
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

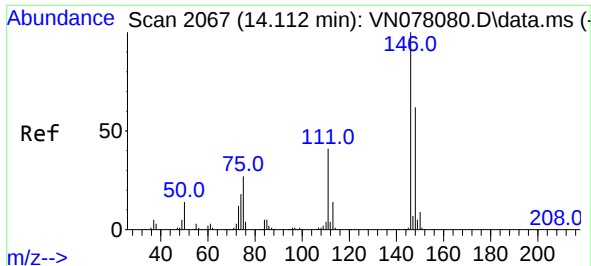
Tgt Ion: 91 Resp: 8841
Ion Ratio Lower Upper
91 100
92 54.3 26.4 79.0
134 26.6 12.6 37.6



#90
Hexachloroethane
Concen: 0.254 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 117 Resp: 593
Ion Ratio Lower Upper
117 100
201 80.3 29.3 88.0



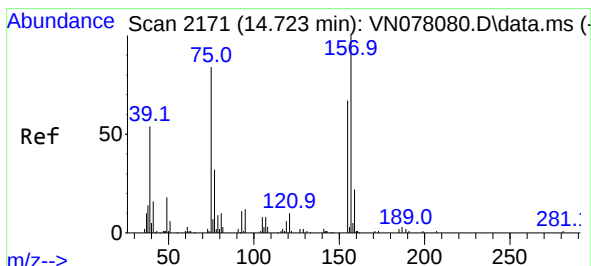
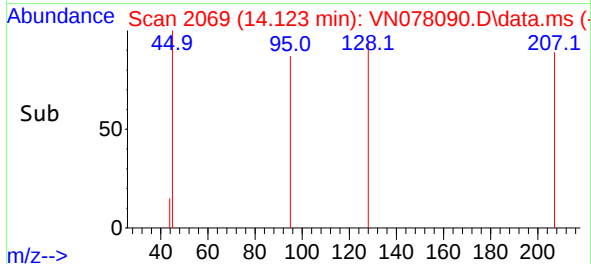
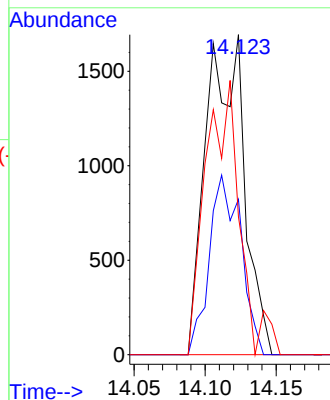
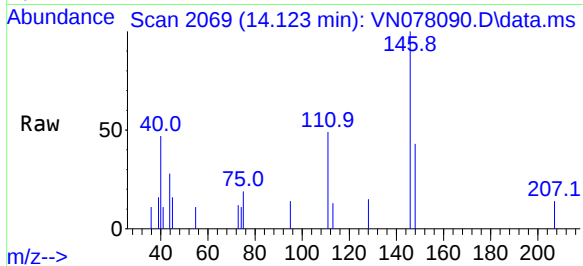


#91
1,2-Dichlorobenzene
Concen: 0.465 ug/l
RT: 14.123 min Scan# 2069
Delta R.T. 0.012 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

Tgt Ion:146 Resp: 3142

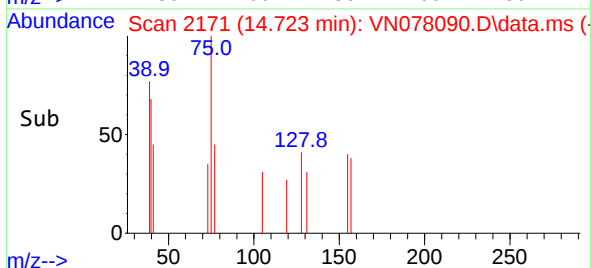
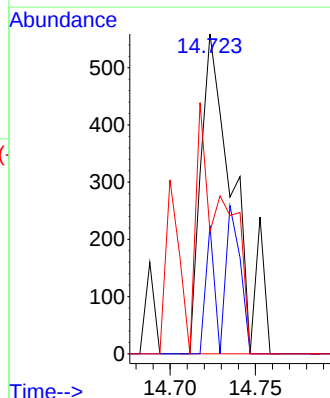
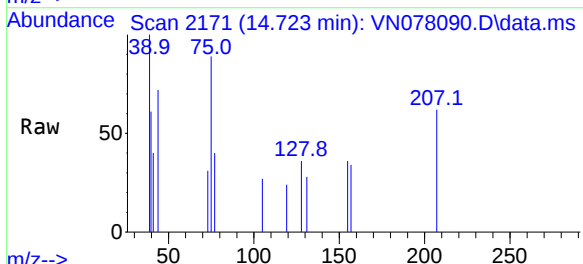
Ion	Ratio	Lower	Upper
146	100		
111	46.8	22.0	66.0
148	77.1	31.8	95.3

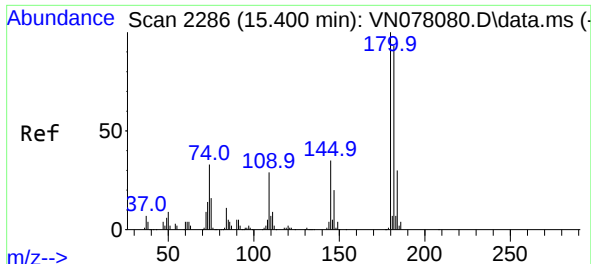


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.856 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 75 Resp: 747

Ion	Ratio	Lower	Upper
75	100		
155	30.8	39.1	117.2#
157	66.9	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 1.493 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078090.D

Acq: 07 Jun 2023 09:43

Instrument :

MSVOA_N

ClientSampleId :

VN0607MBL01

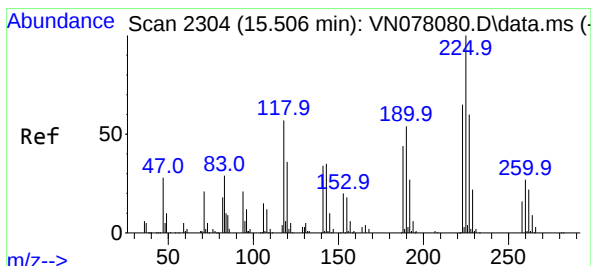
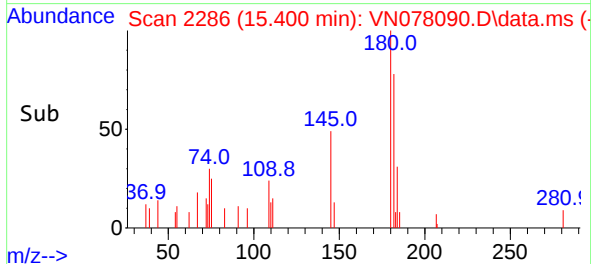
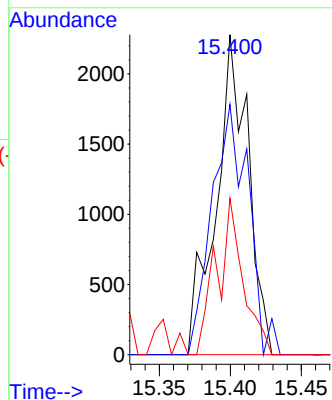
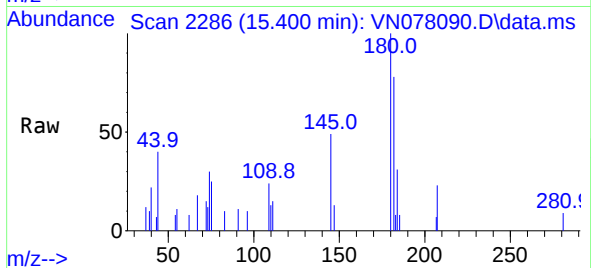
Tgt Ion:180 Resp: 3597

Ion Ratio Lower Upper

180 100

182 88.4 46.1 138.2

145 40.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078090.D

Acq: 07 Jun 2023 09:43

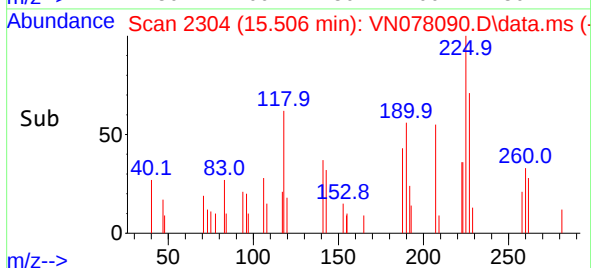
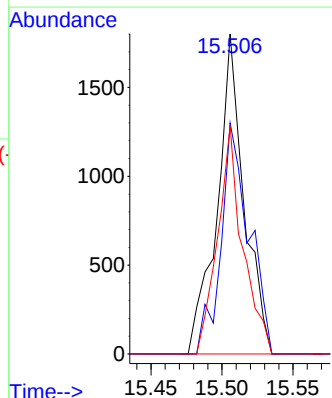
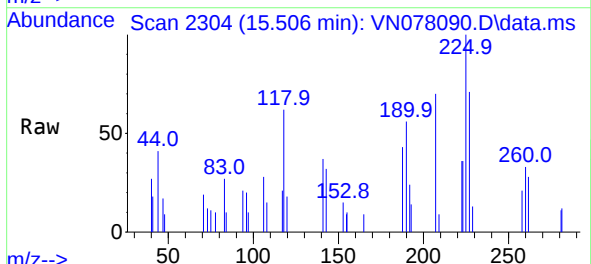
Tgt Ion:225 Resp: 2375

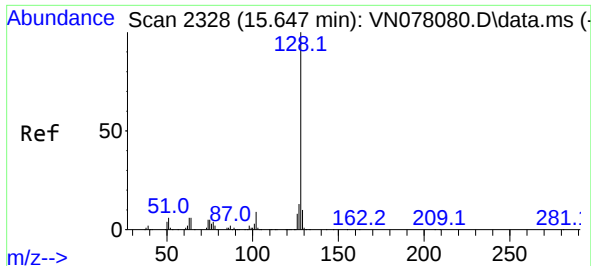
Ion Ratio Lower Upper

225 100

223 75.1 31.3 93.8

227 66.1 31.9 95.9

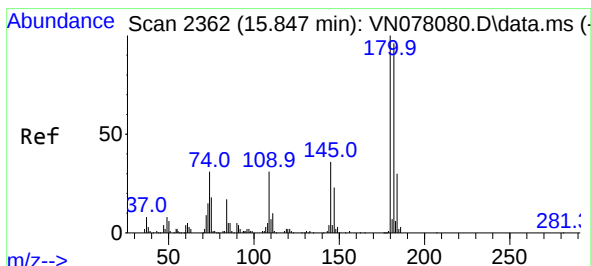
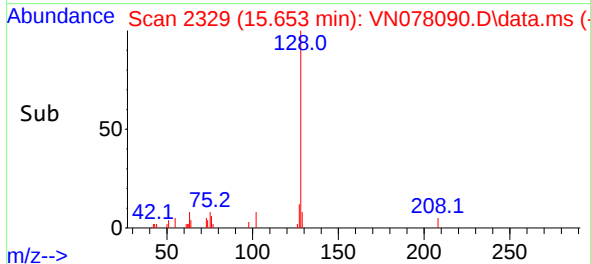
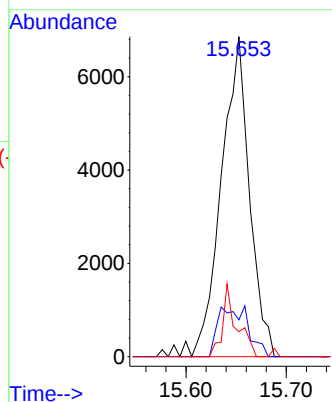
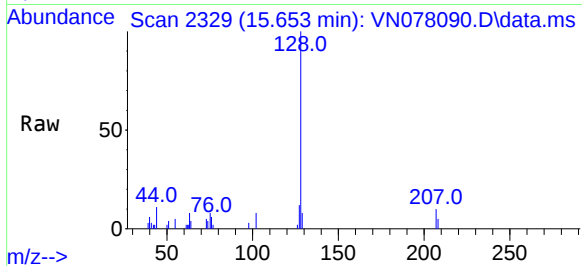




#95
Naphthalene
Concen: 1.653 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

Tgt Ion:128 Resp: 13391
Ion Ratio Lower Upper
128 100
127 16.6 10.0 15.0#
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.713 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion:180 Resp: 4616
Ion Ratio Lower Upper
180 100
182 93.9 46.2 138.6
145 32.1 17.5 52.6

