

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078654.D
 Acq On : 27 Jul 2023 11:33
 Operator : JC\MD
 Sample : VN0727MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 27 16:00:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	422149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	758510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	675456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	232835	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	270600	47.815	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.620%
35) Dibromofluoromethane	8.171	113	269567	52.353	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.700%
50) Toluene-d8	10.571	98	890150	45.763	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.520%
62) 4-Bromofluorobenzene	12.853	95	292494	48.819	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.640%

Target Compounds			Qvalue			
3) Chloromethane	2.371	50	2065	0.367 ug/l	#	67
5) Bromomethane	2.977	94	7163	Below Cal	#	75
6) Chloroethane	3.130	64	3233	Below Cal	#	66
10) Methyl Iodide	4.612	142	3819	0.604 ug/l	#	83
11) Tert butyl alcohol	5.506	59	3930	4.503 ug/l	#	72
13) Acrolein	4.200	56	1313	1.529 ug/l	#	75
15) Acrylonitrile	5.747	53	3071	1.393 ug/l	#	48
16) Acetone	4.465	43	2681	1.521 ug/l		89
17) Carbon Disulfide	4.724	76	7540	0.585 ug/l	#	79
18) Methyl Acetate	5.047	43	3381	0.453 ug/l	#	58
20) Methylene Chloride	5.271	84	3500	Below Cal	#	76
21) trans-1,2-Dichloroethene	5.794	96	1355	0.270 ug/l	#	42
23) Vinyl Acetate	6.618	43	1906	0.220 ug/l		93
25) 2-Butanone	7.506	43	1082	0.390 ug/l		95
29) Tetrahydrofuran	7.853	42	616	0.338 ug/l	#	49
31) Cyclohexane	8.230	56	9568	1.251 ug/l	#	47
36) 1,1-Dichloropropene	8.235	75	32645	4.391 ug/l	#	48
38) Carbon Tetrachloride	8.235	117	43814	5.422 ug/l	#	15
39) Methylcyclohexane	9.606	83	1501	0.221 ug/l	#	80
43) Isopropyl Acetate	8.730	43	22347	2.190 ug/l	#	49
49) 1,4-Dioxane	9.688	88	58	0.563 ug/l	#	1
51) 4-Methyl-2-Pentanone	10.459	43	3565	0.587 ug/l		97
58) 2-Chloroethyl Vinyl ether	10.165	63	764	0.285 ug/l		94
59) 2-Hexanone	11.212	43	6330	1.467 ug/l		92
68) m/p-Xylenes	12.070	106	2750	0.291 ug/l		94
70) Styrene	12.423	104	3659	0.245 ug/l		96
74) N-amyl acetate	12.500	43	2921	0.387 ug/l	#	79
75) 1,1,2,2-Tetrachloroethane	12.935	83	2214	Below Cal	#	97
76) 1,2,3-Trichloropropane	12.853	75	148724	26.426 ug/l	#	1
77) Bromobenzene	12.988	156	2202	Below Cal		79
78) n-propylbenzene	13.047	91	6030	0.258 ug/l		97
79) 2-Chlorotoluene	13.135	91	3622	0.236 ug/l		85
80) 1,3,5-Trimethylbenzene	13.182	105	4362	0.252 ug/l		89
81) trans-1,4-Dichloro-2-b...	12.853	75	148724	69.443 ug/l	#	15
82) 4-Chlorotoluene	13.229	91	5777	0.404 ug/l		92
83) tert-Butylbenzene	13.447	119	3486	0.238 ug/l		93

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

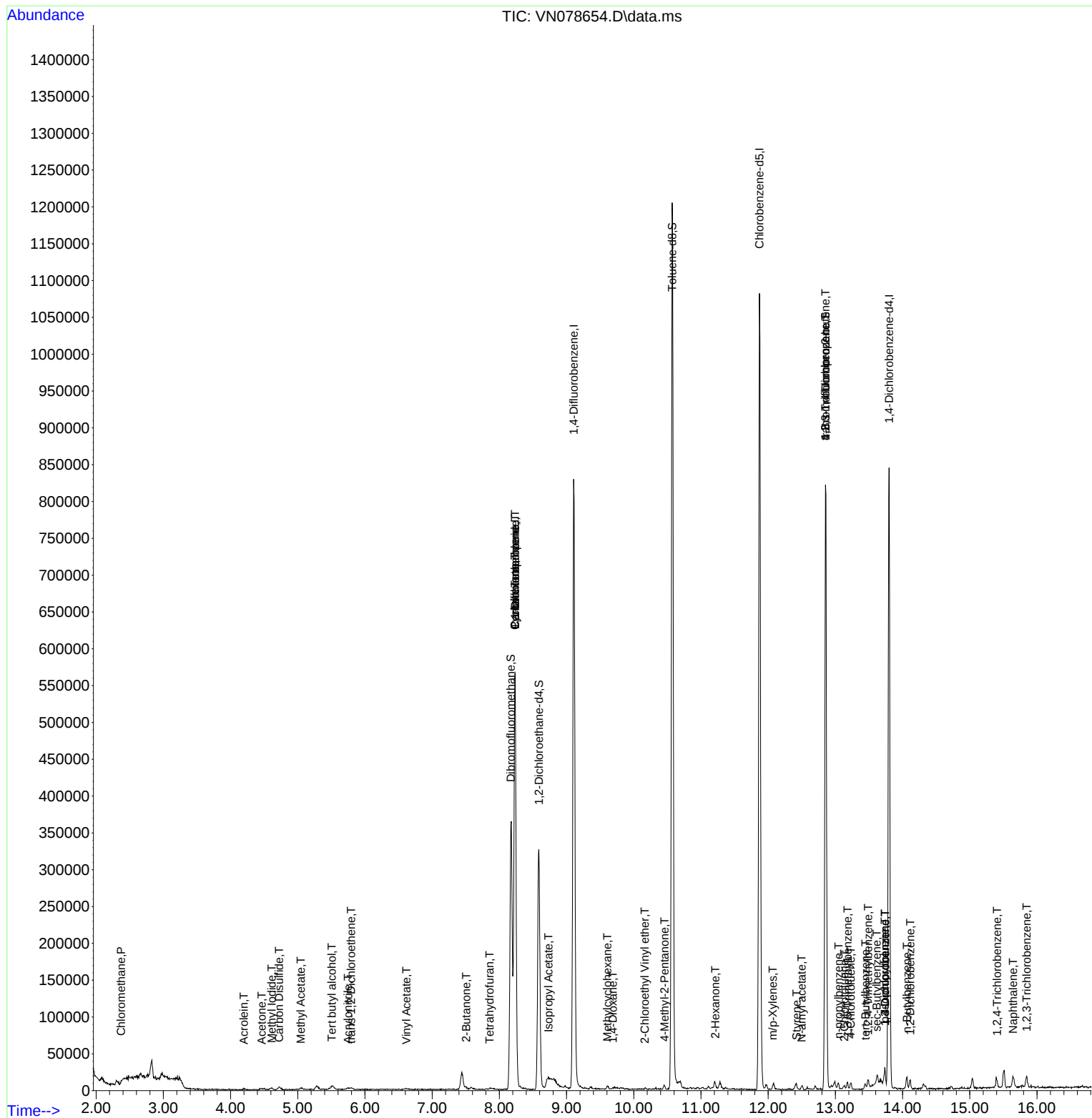
84) 1,2,4-Trimethylbenzene	13.488	105	5353	0.319	ug/l	95
85) sec-Butylbenzene	13.617	105	7258	0.391	ug/l #	70
86) p-Isopropyltoluene	13.735	119	5689	0.382	ug/l	88
87) 1,3-Dichlorobenzene	13.741	146	4979	0.593	ug/l	90
88) 1,4-Dichlorobenzene	13.741	146	4979	0.589	ug/l	91
89) n-Butylbenzene	14.064	91	9337	0.876	ug/l	94
90) Hexachloroethane	14.341	117	952	Below Cal		69
91) 1,2-Dichlorobenzene	14.117	146	5055	0.605	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.711	75	972	Below Cal		90
93) 1,2,4-Trichlorobenzene	15.406	180	4482	1.680	ug/l	90
94) Hexachlorobutadiene	15.506	225	4112	Below Cal		92
95) Naphthalene	15.647	128	14163	1.553	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.847	180	5926	1.932	ug/l	97

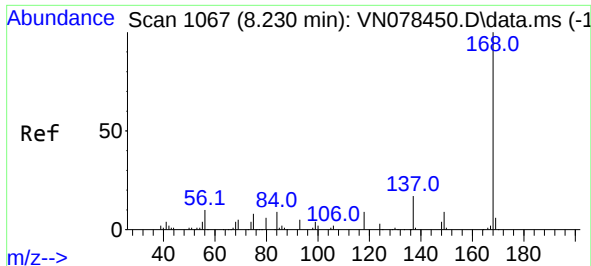
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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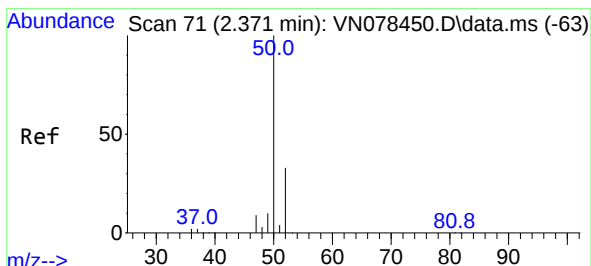
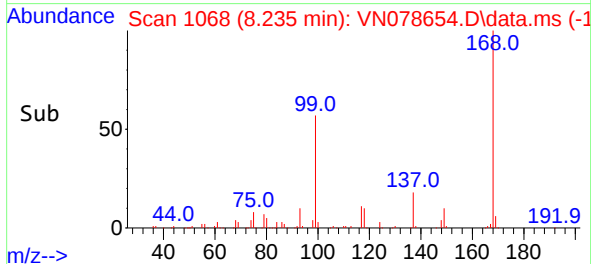
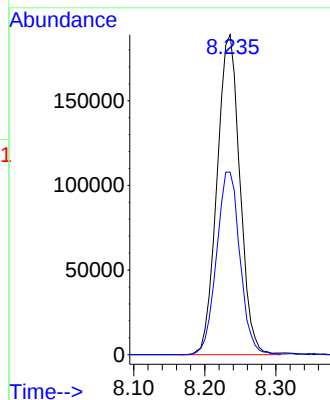
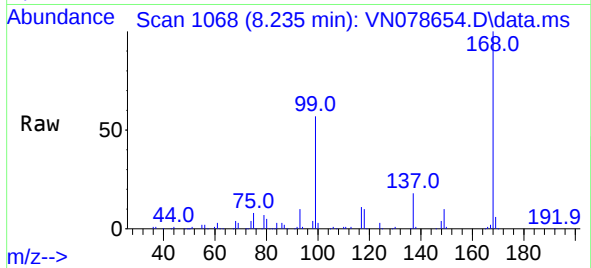




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078654.D
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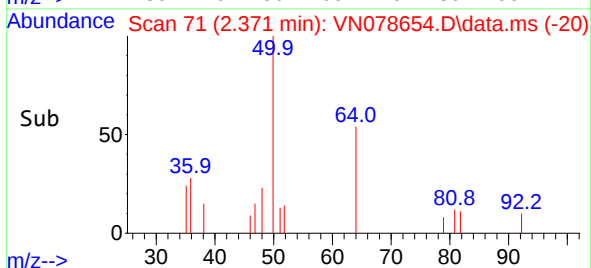
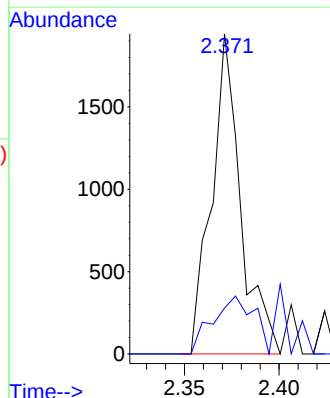
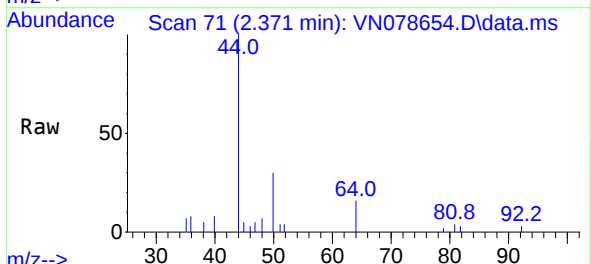
Instrument :
MSVOA_N
ClientSampleId :

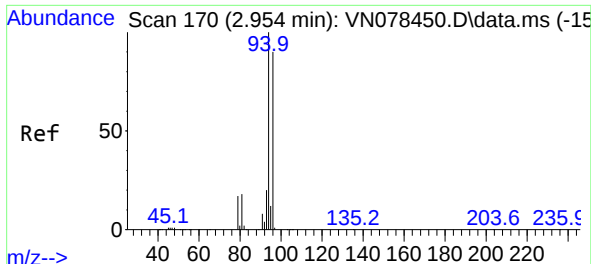
Tgt Ion:168 Resp: 422149
Ion Ratio Lower Upper
168 100
99 57.1 53.0 79.6



#3
Chloromethane
Concen: 0.367 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 50 Resp: 2065
Ion Ratio Lower Upper
50 100
52 14.4 26.5 39.7#

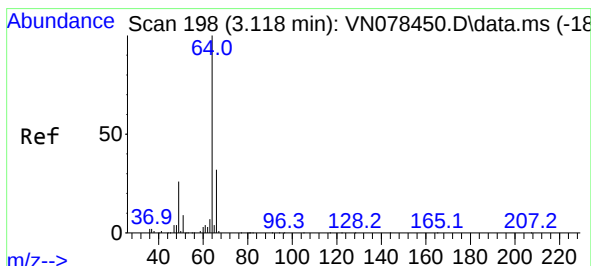
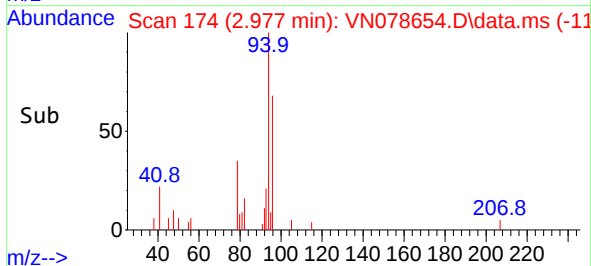
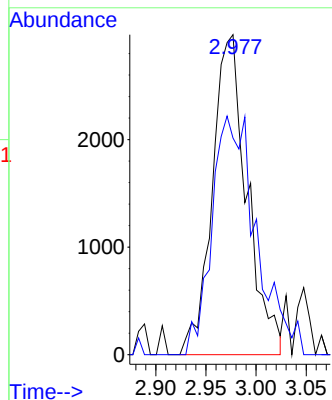
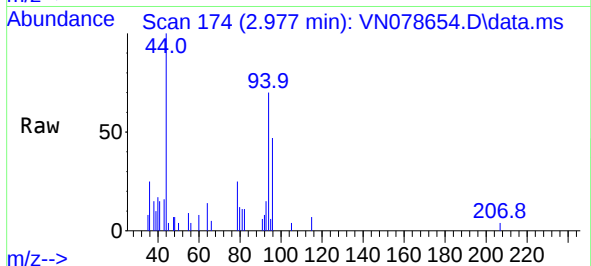




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

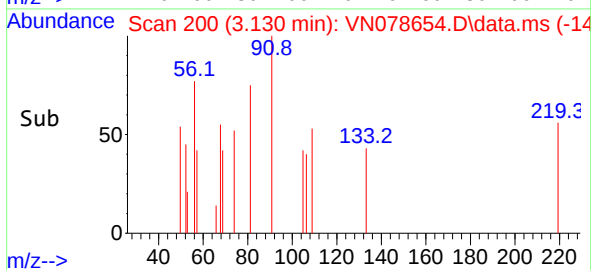
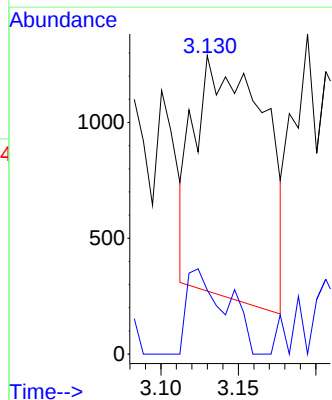
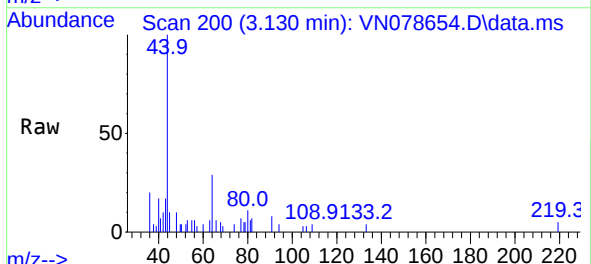
Instrument :
MSVOA_N
ClientSampleId :

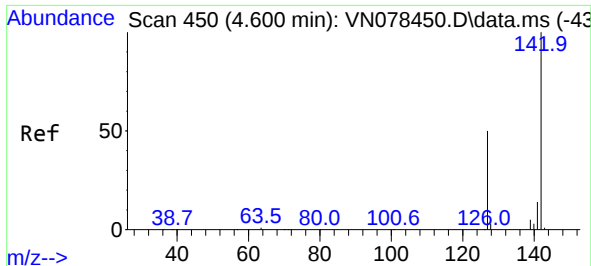
Tgt Ion: 94 Resp: 7163
Ion Ratio Lower Upper
94 100
96 67.7 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

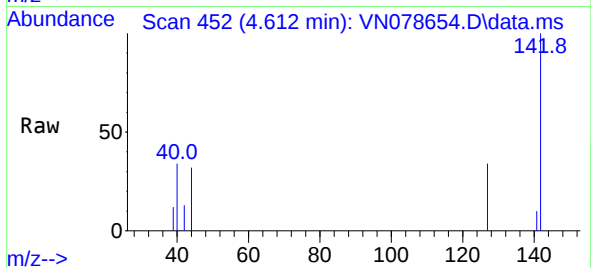
Tgt Ion: 64 Resp: 3233
Ion Ratio Lower Upper
64 100
66 50.5 25.4 38.2#



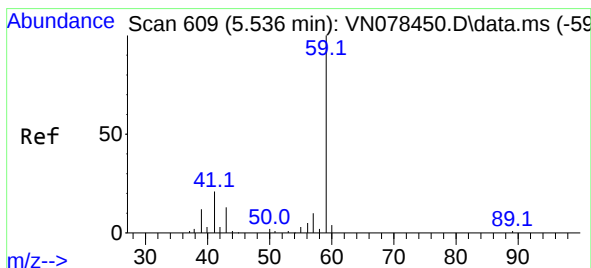
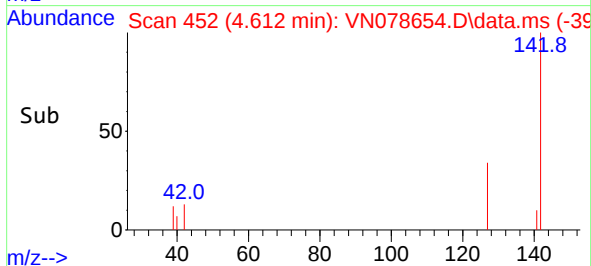
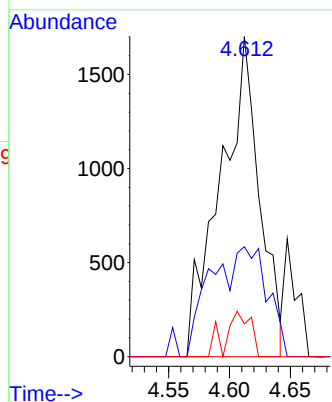


#10
Methyl Iodide
Concen: 0.604 ug/l
RT: 4.612 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :

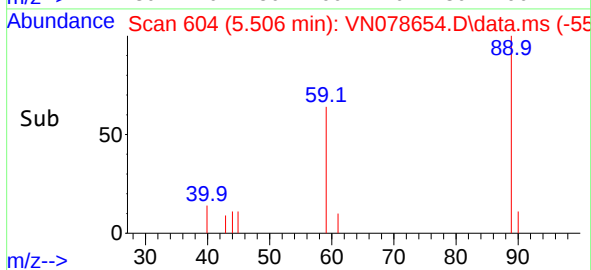
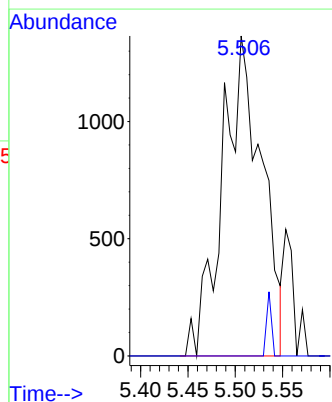
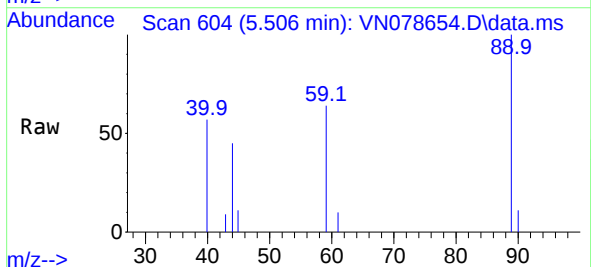


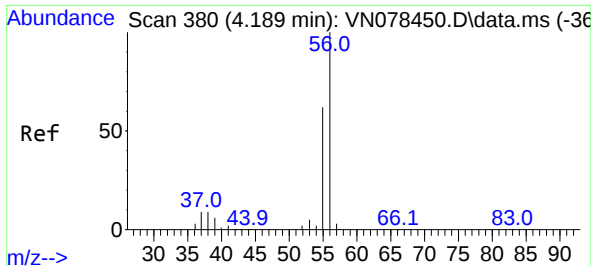
Tgt Ion:142 Resp: 3819
Ion Ratio Lower Upper
142 100
127 34.3 37.6 56.4#
141 10.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.503 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.030 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 59 Resp: 3930
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

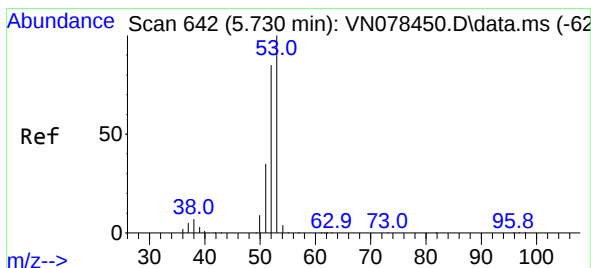
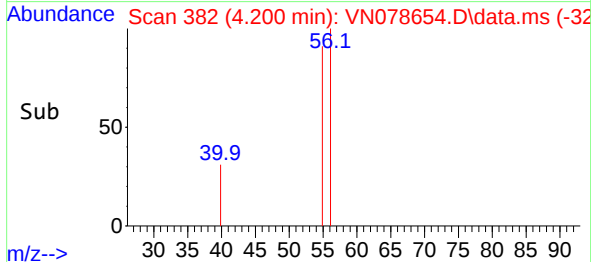
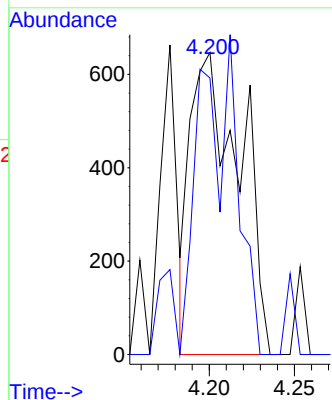
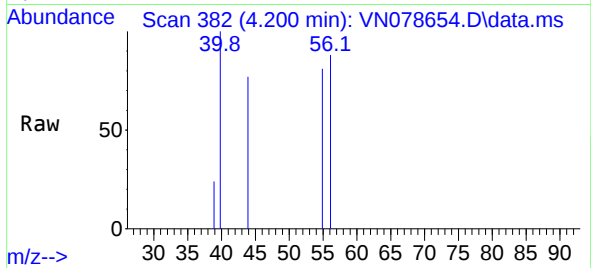




#13
Acrolein
Concen: 1.529 ug/l
RT: 4.200 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

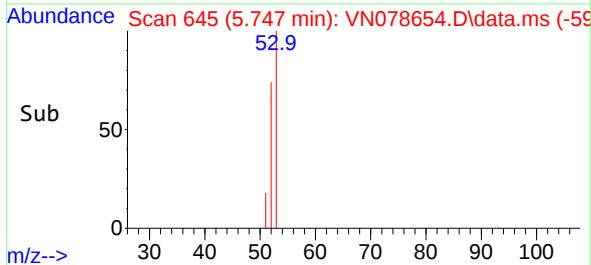
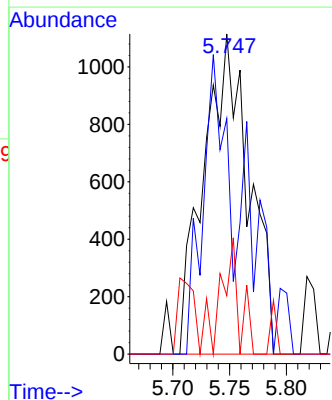
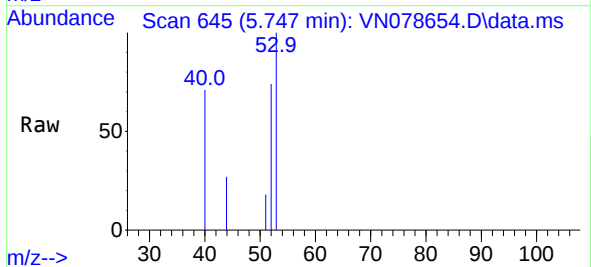
Instrument :
MSVOA_N
ClientSampleId :

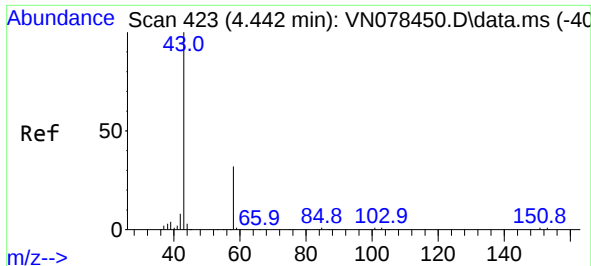
Tgt Ion: 56 Resp: 1313
Ion Ratio Lower Upper
56 100
55 88.0 54.5 81.7#



#15
Acrylonitrile
Concen: 1.393 ug/l
RT: 5.747 min Scan# 645
Delta R.T. 0.017 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 53 Resp: 3071
Ion Ratio Lower Upper
53 100
52 28.1 65.3 97.9#
51 15.2 28.9 43.3#

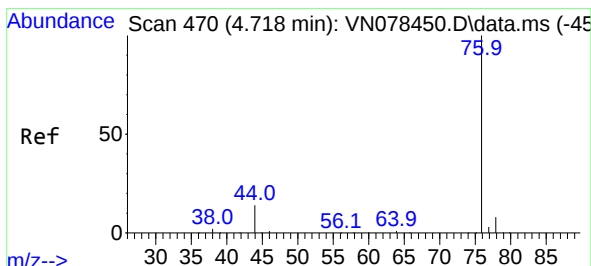
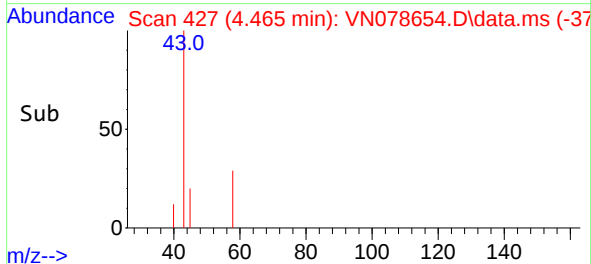
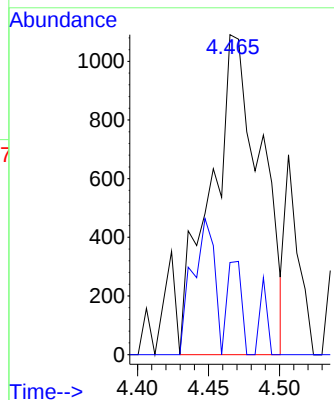
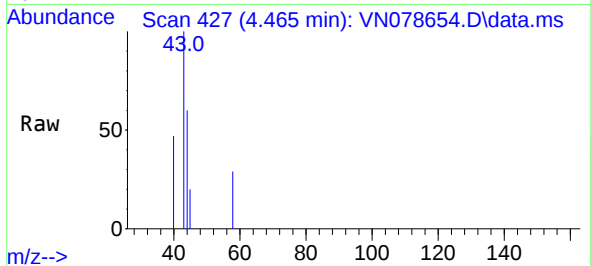




#16
Acetone
Concen: 1.521 ug/l
RT: 4.465 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

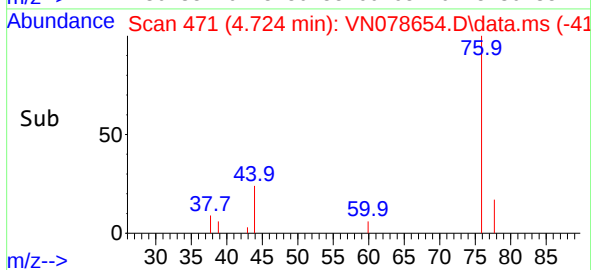
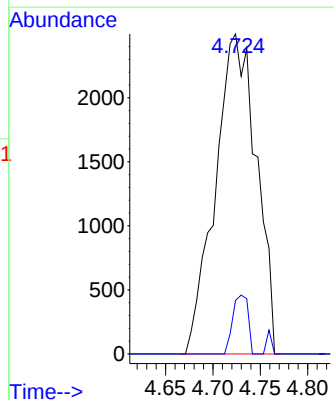
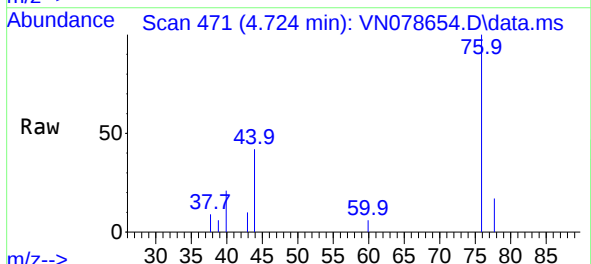
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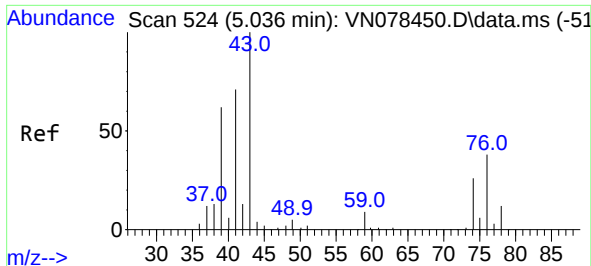
Tgt Ion: 43 Resp: 2681
Ion Ratio Lower Upper
43 100
58 28.8 28.0 42.0



#17
Carbon Disulfide
Concen: 0.585 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 76 Resp: 7540
Ion Ratio Lower Upper
76 100
78 16.7 7.4 11.0#

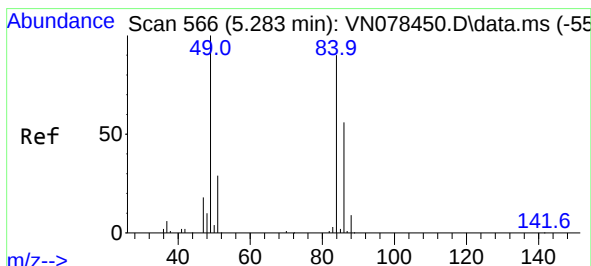
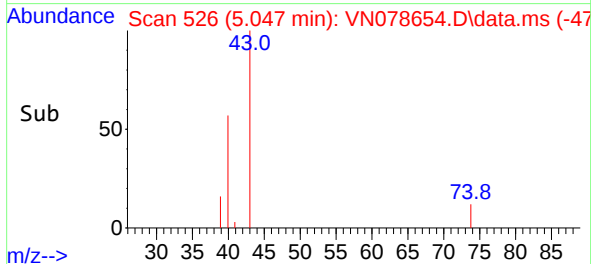
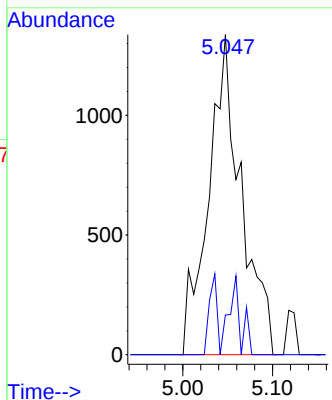
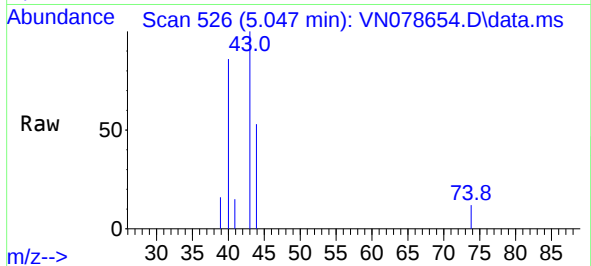




#18
Methyl Acetate
Concen: 0.453 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

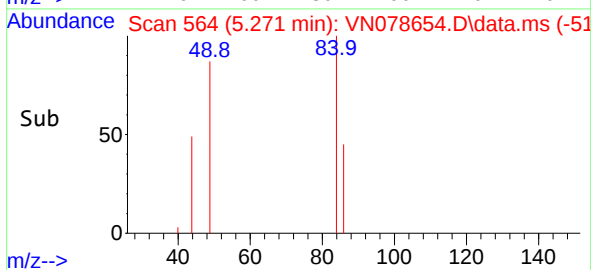
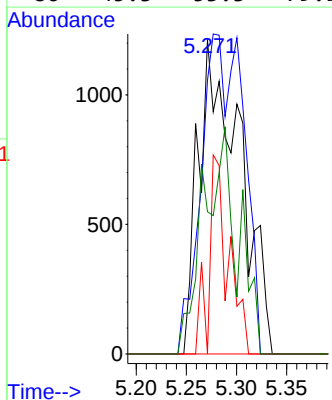
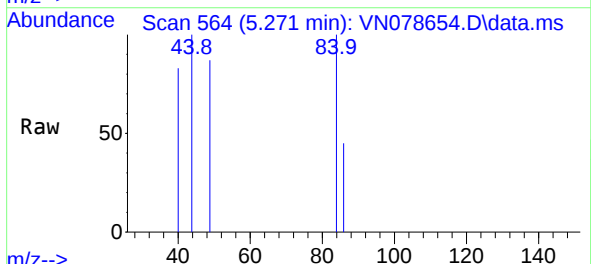
Instrument :
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ClientSampleId :

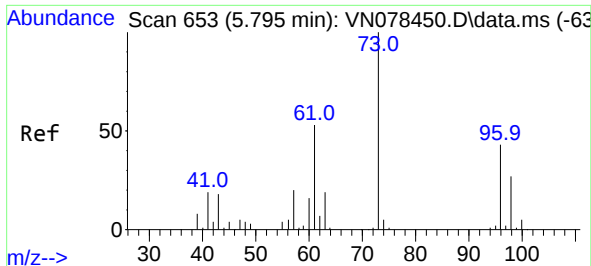
Tgt Ion: 43 Resp: 3381
Ion Ratio Lower Upper
43 100
74 9.0 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

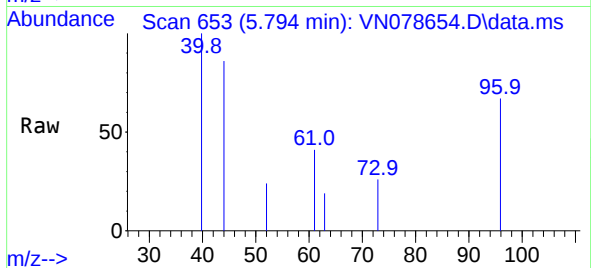
Tgt Ion: 84 Resp: 3500
Ion Ratio Lower Upper
84 100
49 87.1 79.7 119.5
51 0.0 25.2 37.8#
86 45.3 53.3 79.9#



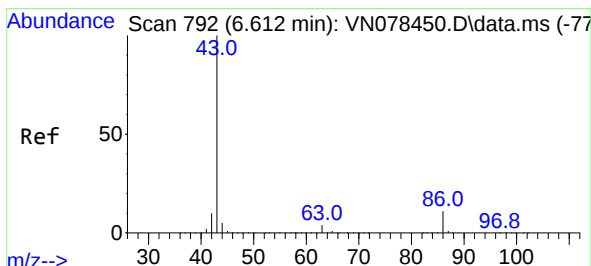
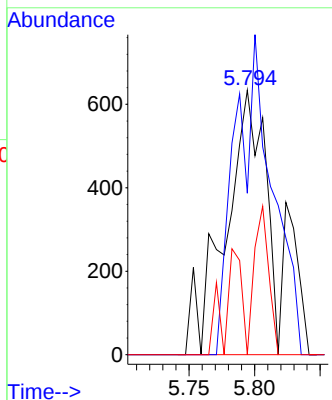
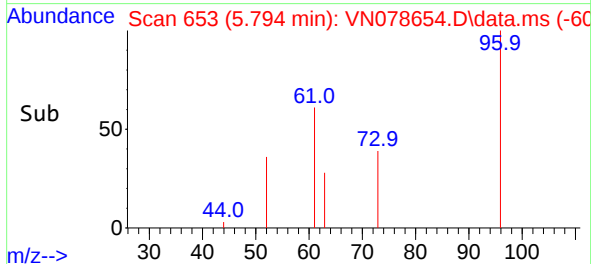


#21
trans-1,2-Dichloroethene
Concen: 0.270 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :

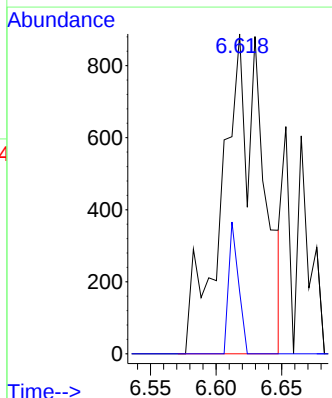
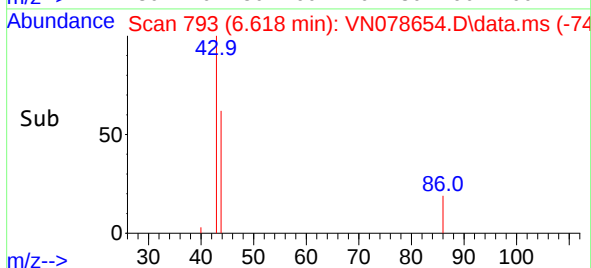
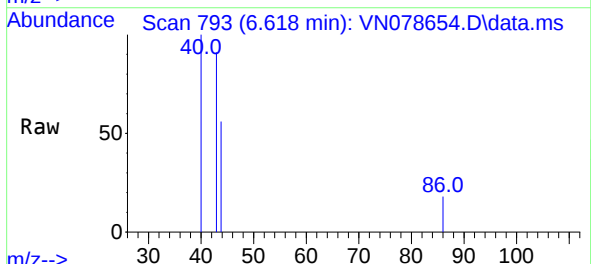


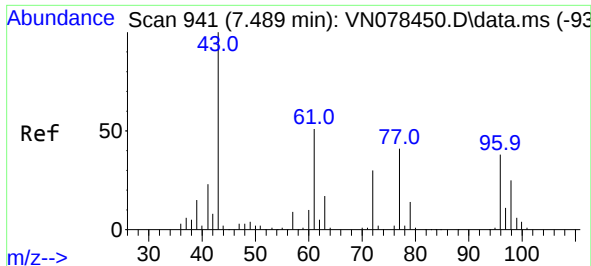
Tgt Ion: 96 Resp: 1355
Ion Ratio Lower Upper
96 100
61 61.0 90.1 135.1#
98 0.0 46.4 69.6#



#23
Vinyl Acetate
Concen: 0.220 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

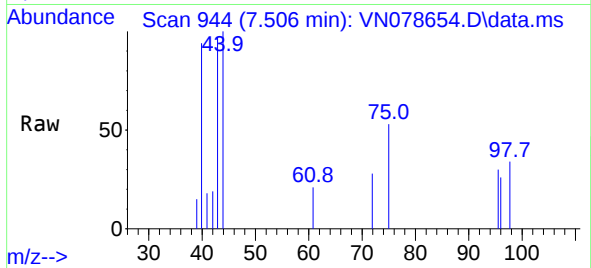
Tgt Ion: 43 Resp: 1906
Ion Ratio Lower Upper
43 100
86 19.5 13.0 19.6



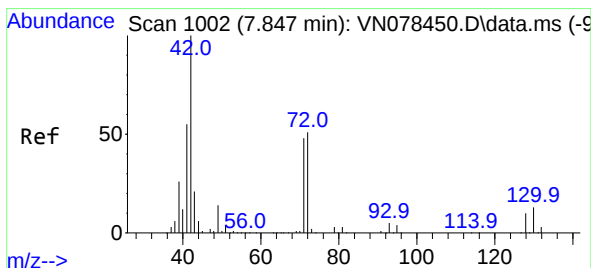
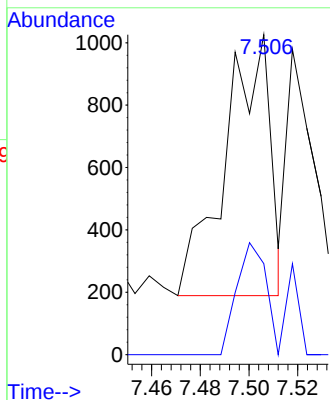
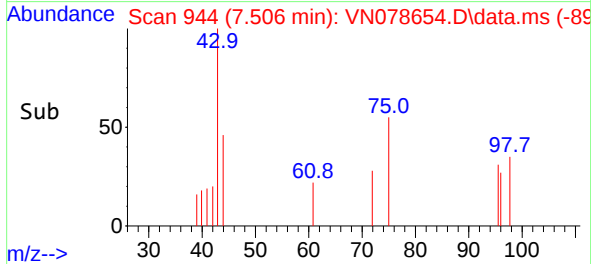


#25
2-Butanone
Concen: 0.390 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.017 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

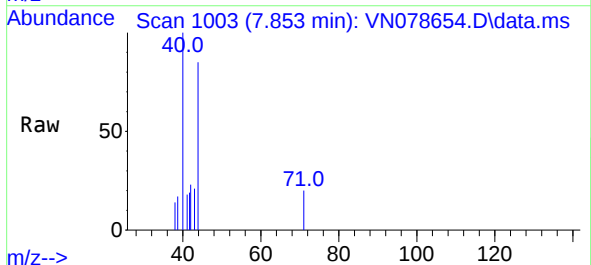
Instrument :
MSVOA_N
ClientSampleId :



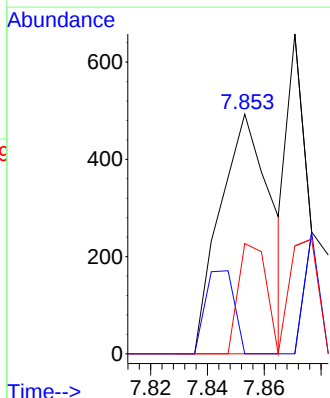
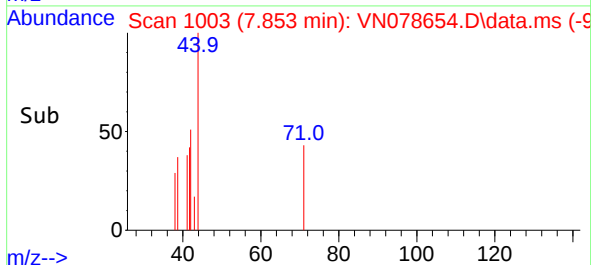
Tgt Ion: 43 Resp: 1082
Ion Ratio Lower Upper
43 100
72 34.9 30.2 45.2

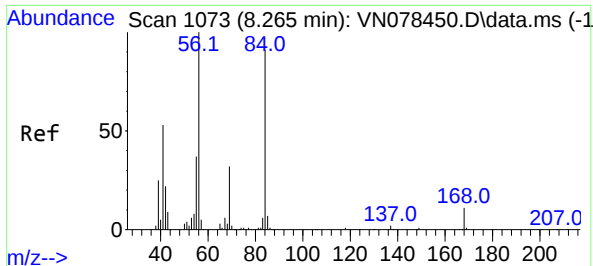


#29
Tetrahydrofuran
Concen: 0.338 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33



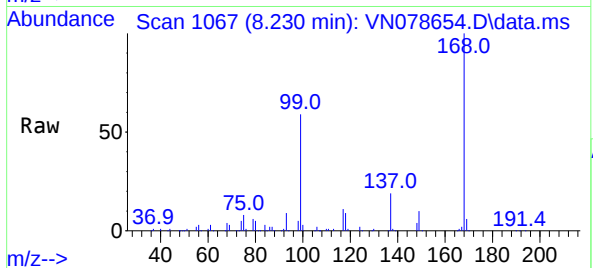
Tgt Ion: 42 Resp: 616
Ion Ratio Lower Upper
42 100
72 19.5 49.8 74.6#
71 25.0 47.4 71.2#



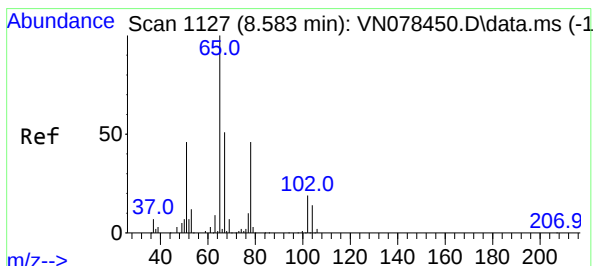
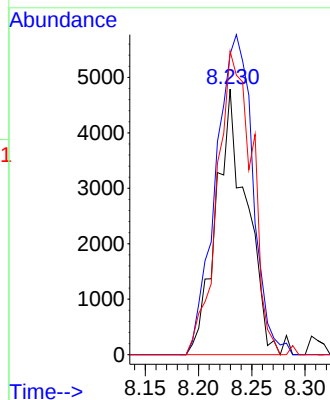
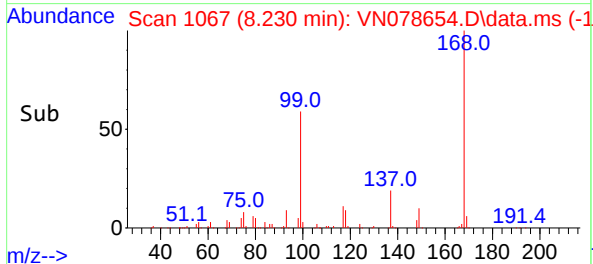


#31
Cyclohexane
Concen: 1.251 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :

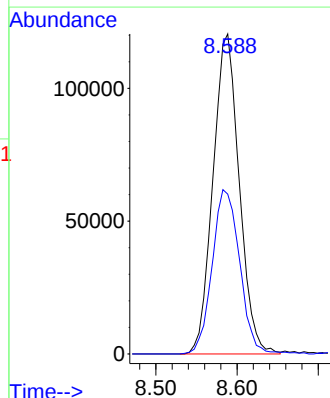
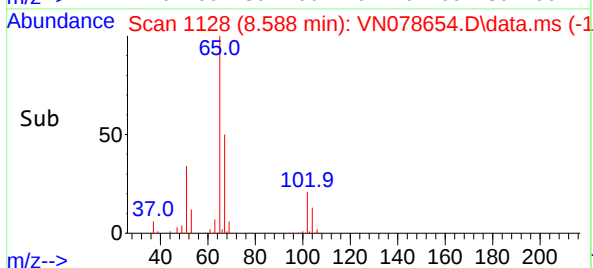
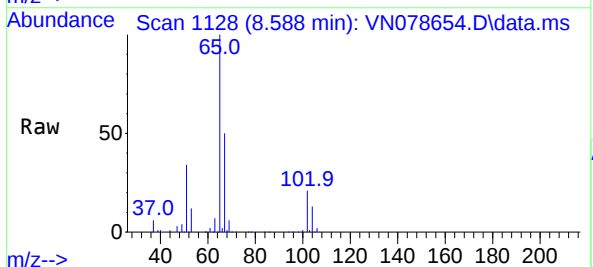


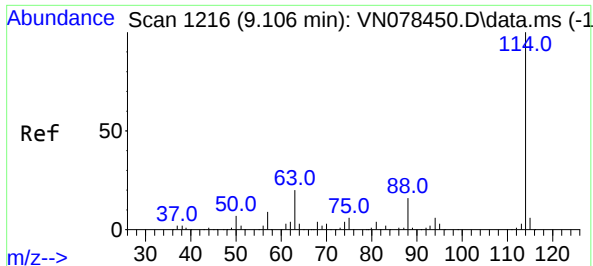
Tgt Ion: 56 Resp: 9568
Ion Ratio Lower Upper
56 100
69 113.2 26.8 40.2#
84 126.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 47.815 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 65 Resp: 270600
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.6

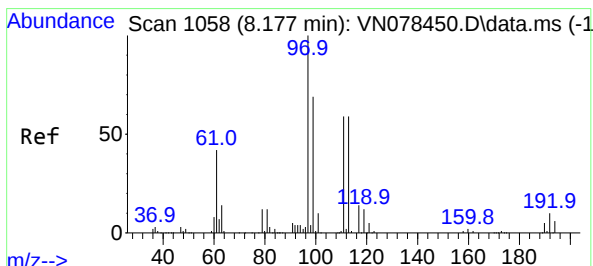
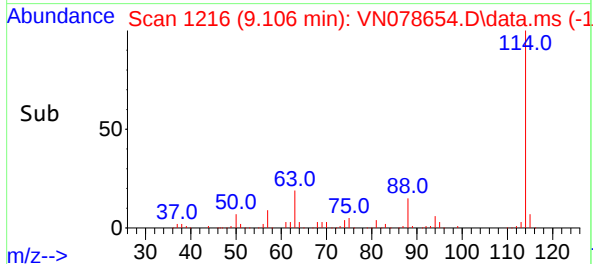
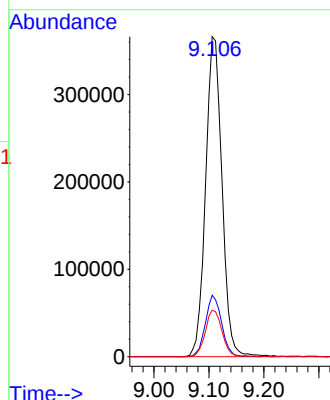
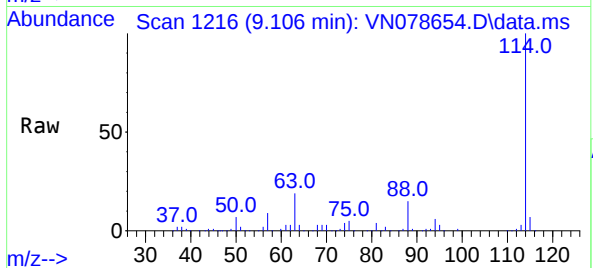




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

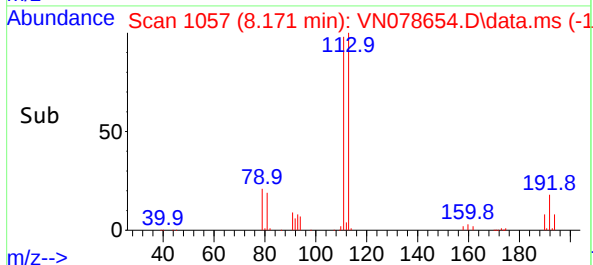
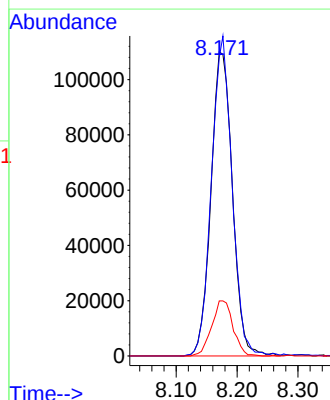
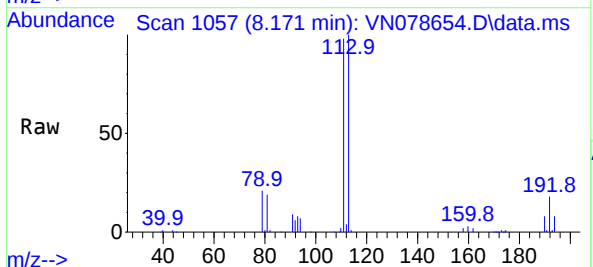
Instrument :
MSVOA_N
ClientSampleId :

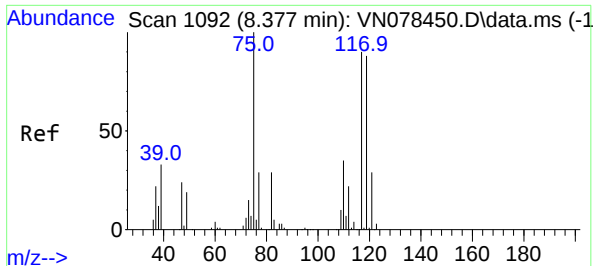
Tgt Ion:114 Resp: 758510
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.353 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion:113 Resp: 269567
Ion Ratio Lower Upper
113 100
111 100.5 82.6 123.8
192 18.0 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.391 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.142 min

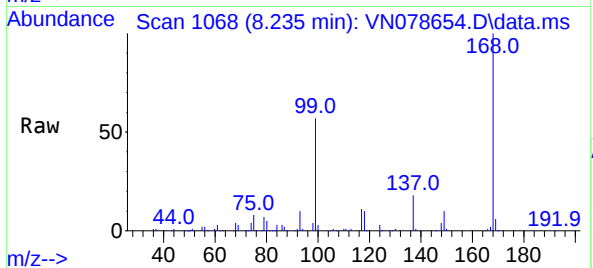
Lab File: VN078654.D

Acq: 27 Jul 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :



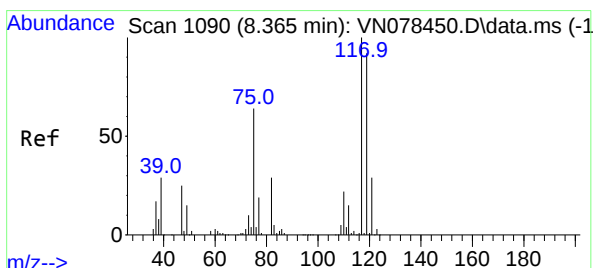
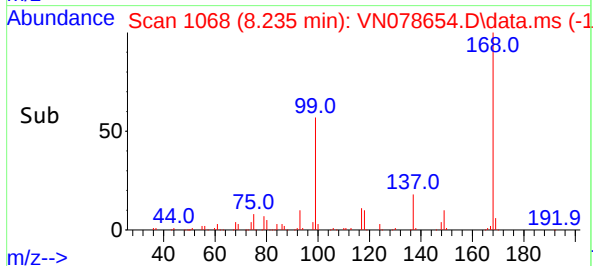
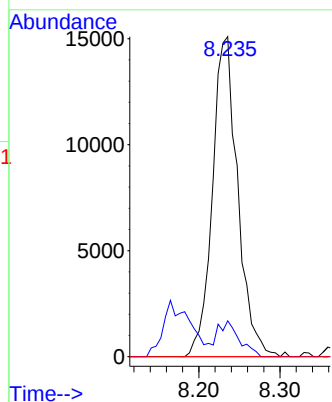
Tgt Ion: 75 Resp: 32645

Ion Ratio Lower Upper

75 100

110 9.2 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.422 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.130 min

Lab File: VN078654.D

Acq: 27 Jul 2023 11:33

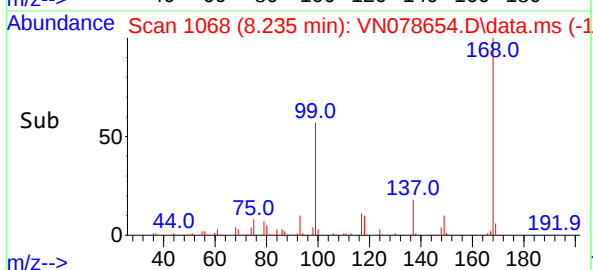
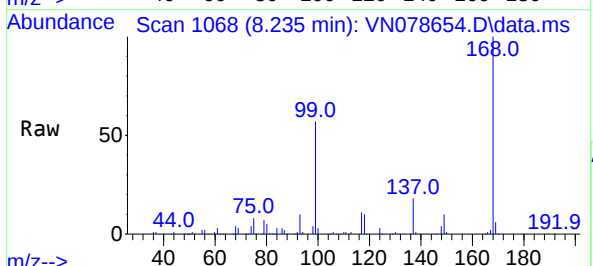
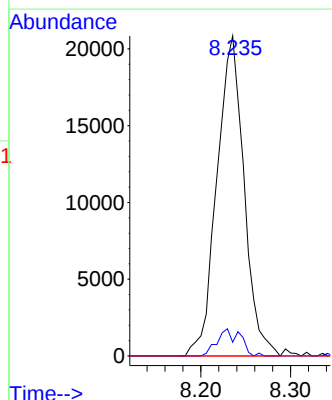
Tgt Ion: 117 Resp: 43814

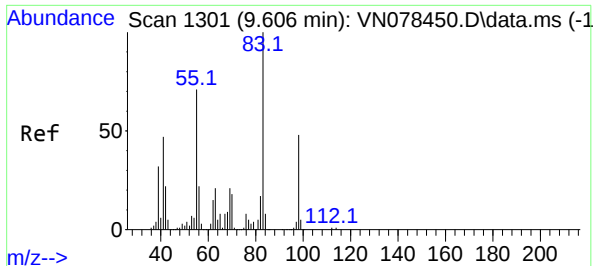
Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

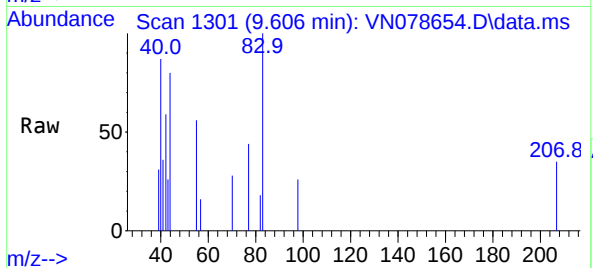
121 0.0 23.3 34.9#



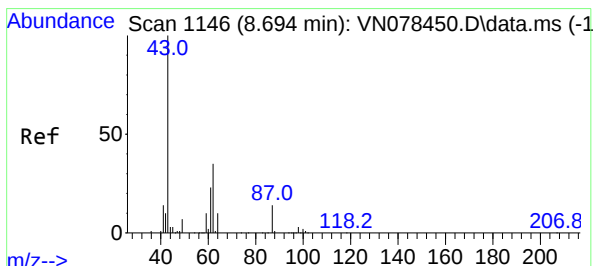
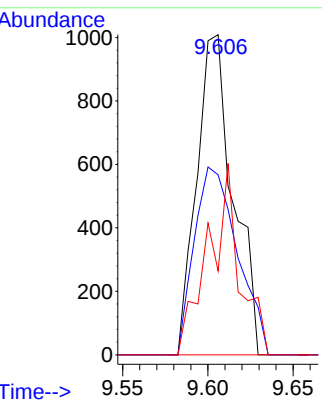
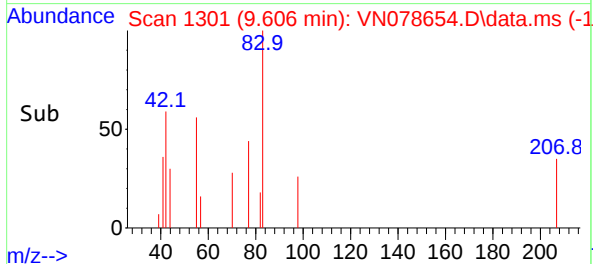


#39
Methylcyclohexane
Concen: 0.221 ug/l
RT: 9.606 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

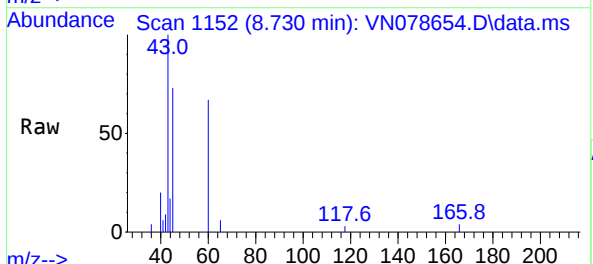
Instrument :
MSVOA_N
ClientSampleId :



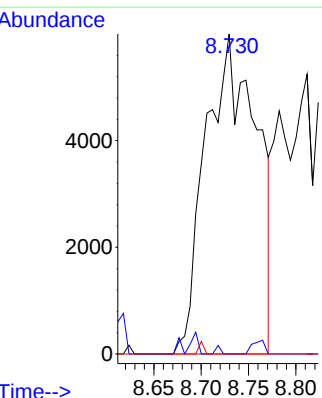
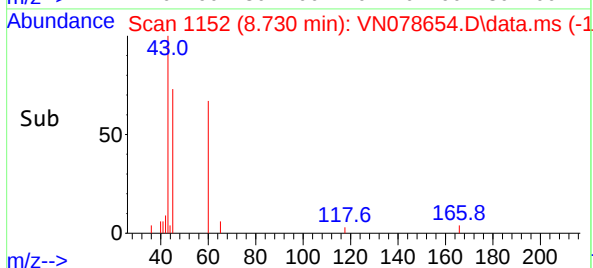
Tgt Ion:	83	Resp:	1501
Ion	Ratio	Lower	Upper
83	100		
55	56.2	49.1	73.7
98	26.2	40.6	61.0

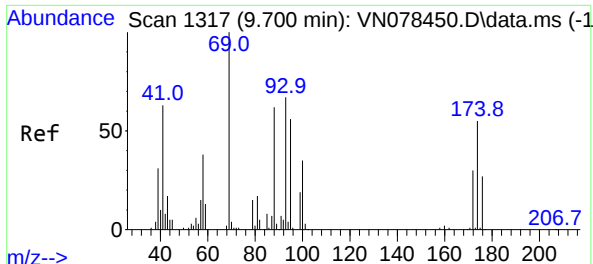


#43
Isopropyl Acetate
Concen: 2.190 ug/l
RT: 8.730 min Scan# 1152
Delta R.T. 0.036 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33



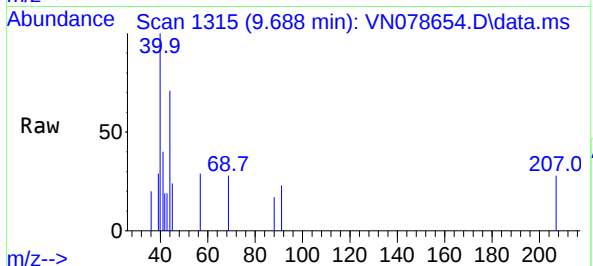
Tgt Ion:	43	Resp:	22347
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.7	37.1
87	0.0	14.6	21.8



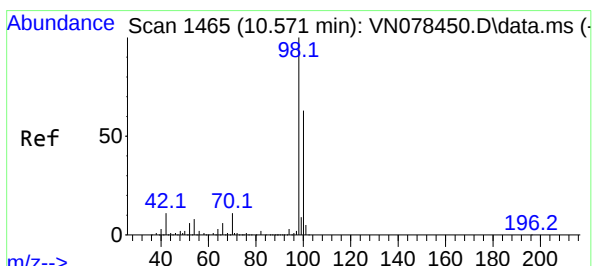
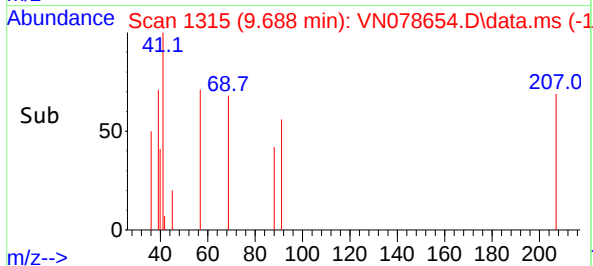
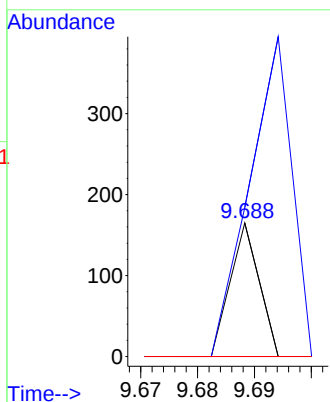


#49
1,4-Dioxane
Concen: 0.563 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :

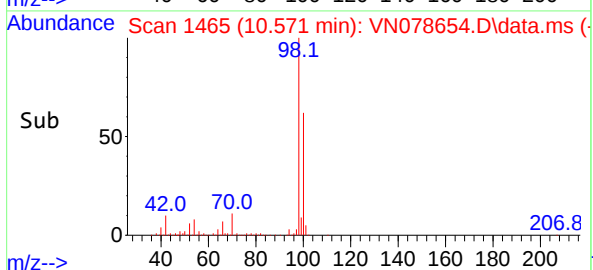
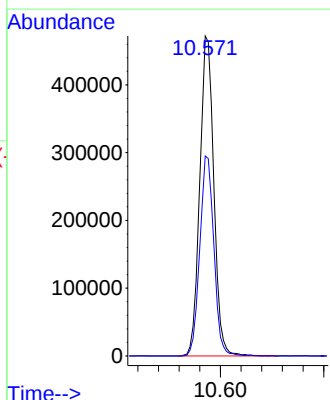
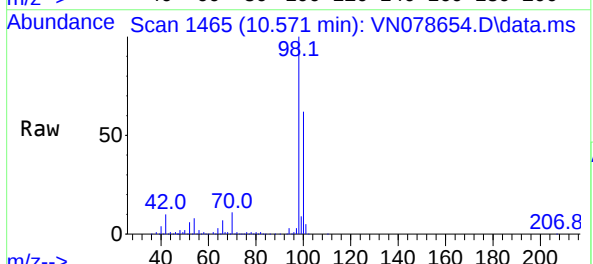


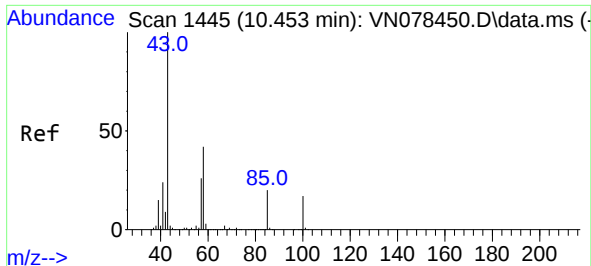
Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 351.7 17.0 25.6#
58 0.0 47.0 70.4#



#50
Toluene-d8
Concen: 45.763 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 98 Resp: 890150
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0

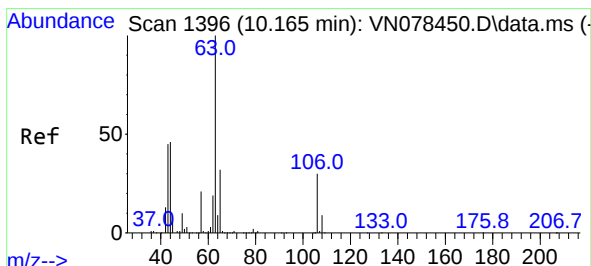
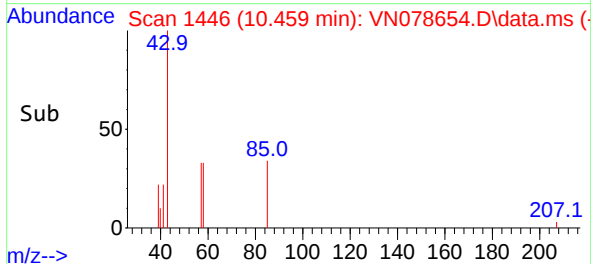
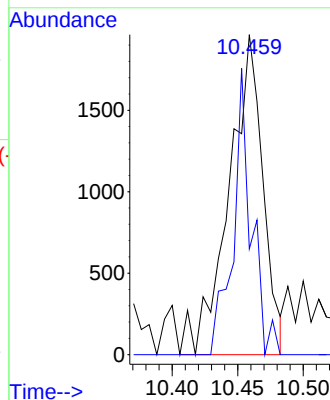
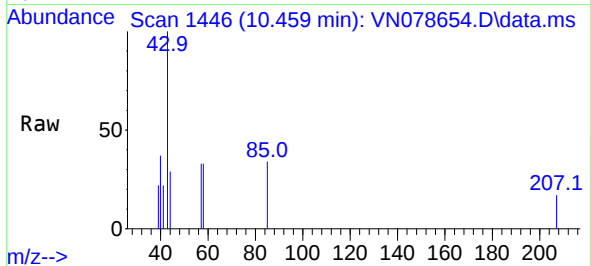




#51
4-Methyl-2-Pentanone
Concen: 0.587 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

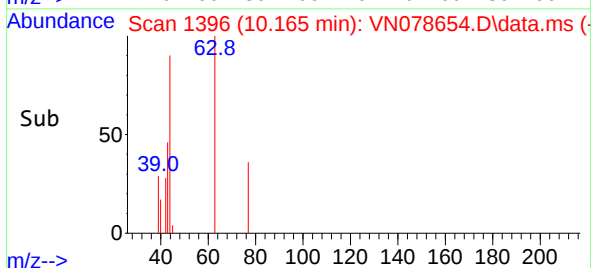
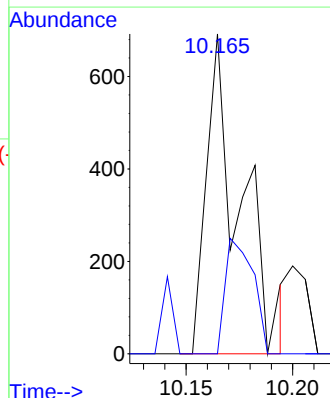
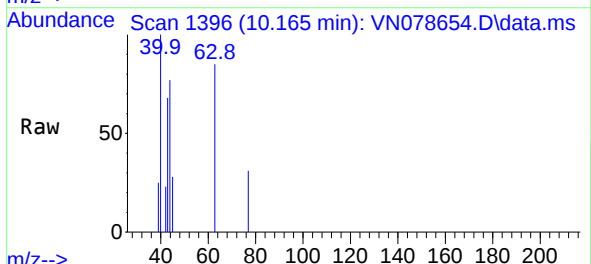
Instrument :
MSVOA_N
ClientSampleId :

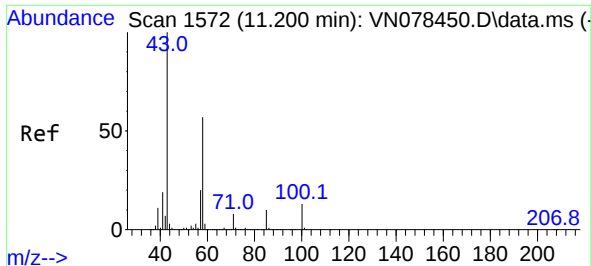
Tgt Ion: 43 Resp: 3565
Ion Ratio Lower Upper
43 100
58 47.6 36.6 54.8



#58
2-Chloroethyl Vinyl ether
Concen: 0.285 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 63 Resp: 764
Ion Ratio Lower Upper
63 100
106 29.6 26.2 39.4

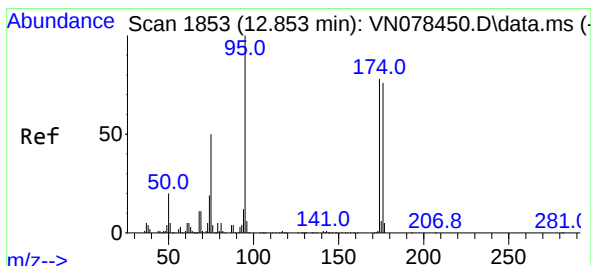
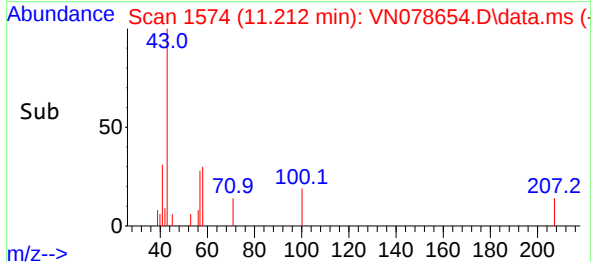
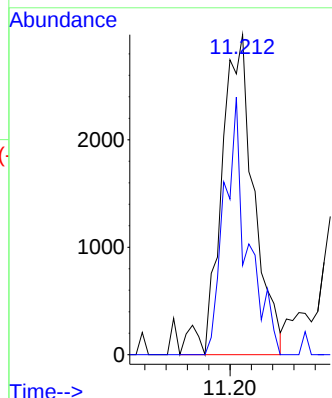
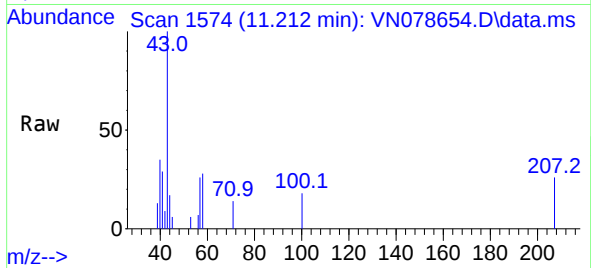




#59
2-Hexanone
Concen: 1.467 ug/l
RT: 11.212 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

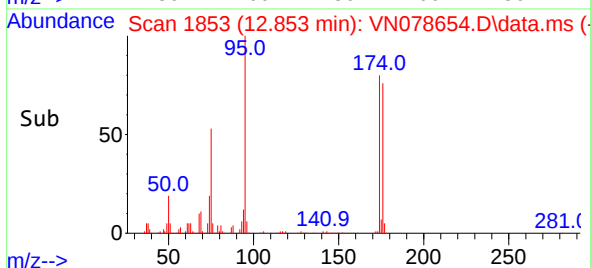
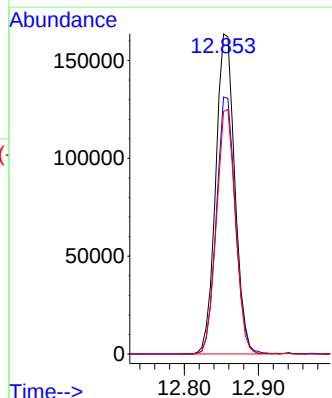
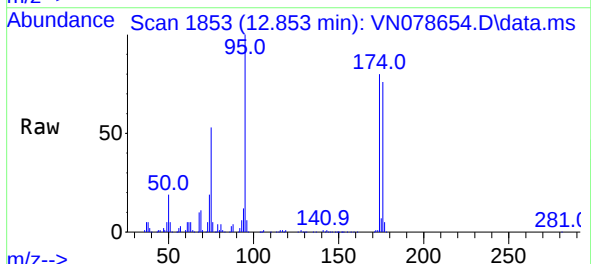
Instrument :
MSVOA_N
ClientSampleId :

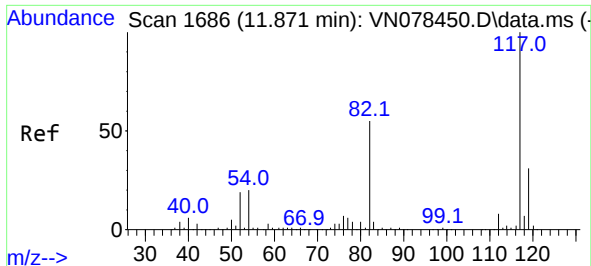
Tgt Ion: 43 Resp: 6330
Ion Ratio Lower Upper
43 100
58 57.3 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 48.819 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 95 Resp: 292494
Ion Ratio Lower Upper
95 100
174 80.0 0.0 143.8
176 76.2 0.0 135.8

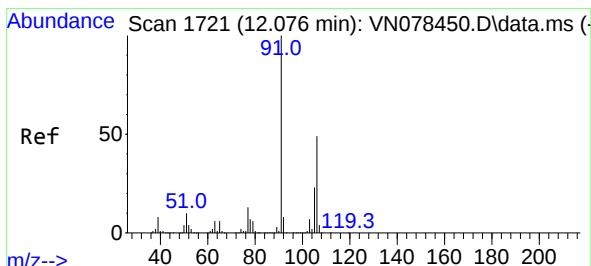
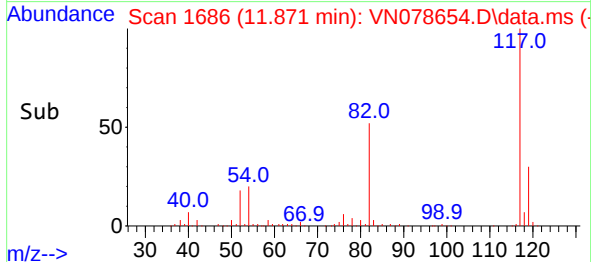
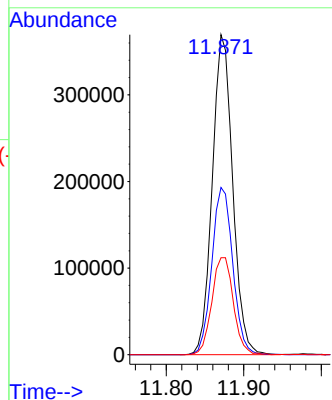
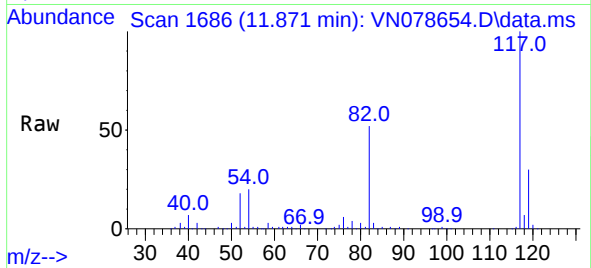




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

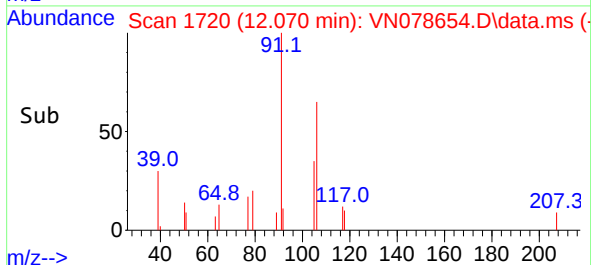
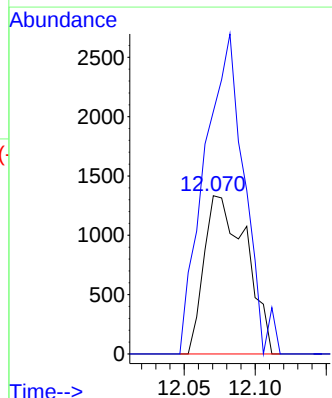
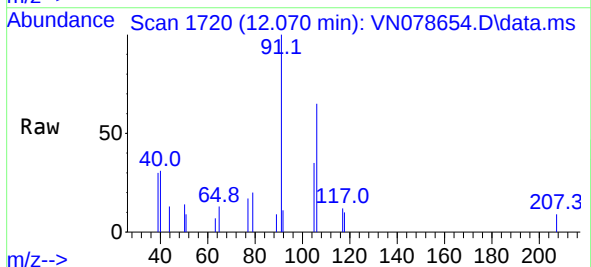
Instrument :
MSVOA_N
ClientSampleId :

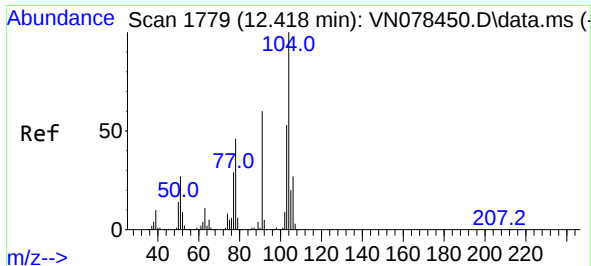
Tgt Ion:117 Resp: 675456
Ion Ratio Lower Upper
117 100
82 52.3 44.0 66.0
119 30.3 25.6 38.4



#68
m/p-Xylenes
Concen: 0.291 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion:106 Resp: 2750
Ion Ratio Lower Upper
106 100
91 191.1 159.6 239.4

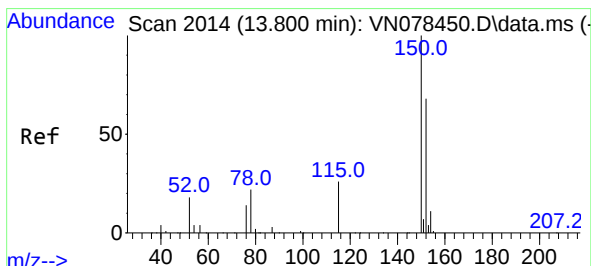
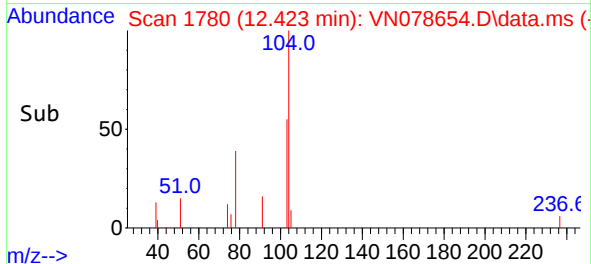
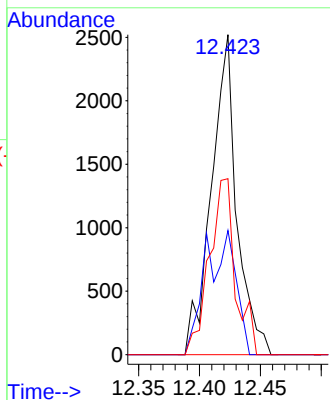
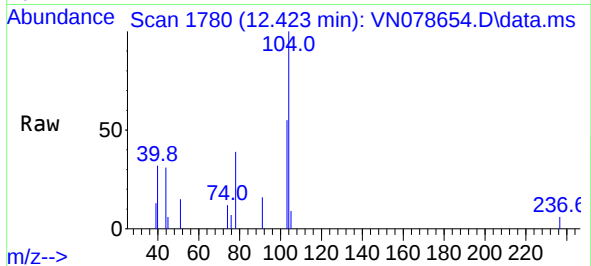




#70
Styrene
Concen: 0.245 ug/l
RT: 12.423 min Scan# 1779
Delta R.T. 0.005 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

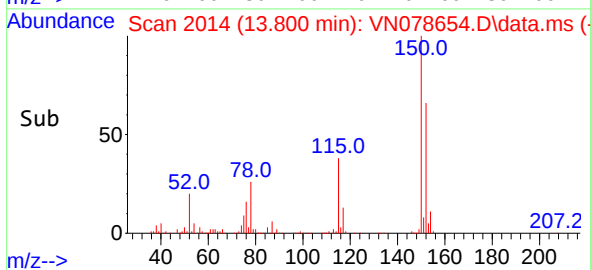
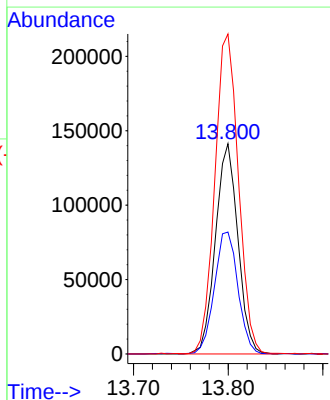
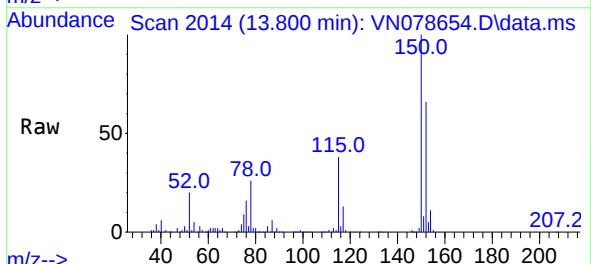
Instrument :
MSVOA_N
ClientSampleId :

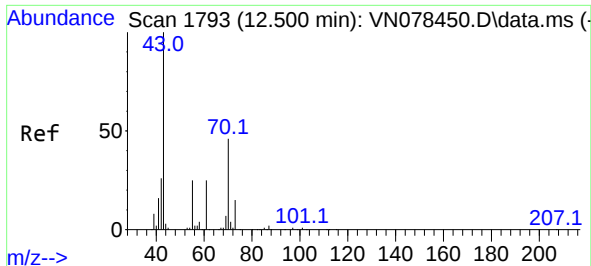
Tgt Ion:104 Resp: 3659
Ion Ratio Lower Upper
104 100
78 46.2 39.5 59.3
103 56.2 43.2 64.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

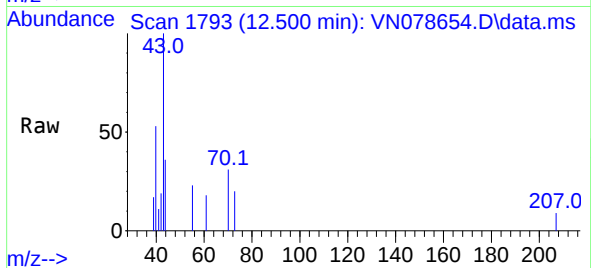
Tgt Ion:152 Resp: 232835
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 160.3 0.0 355.8





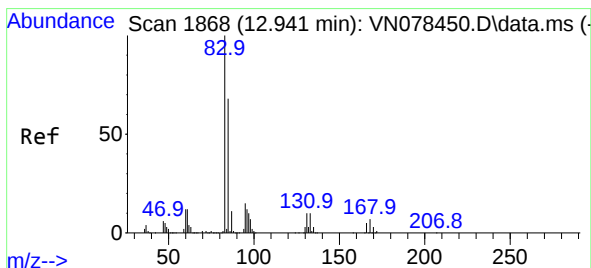
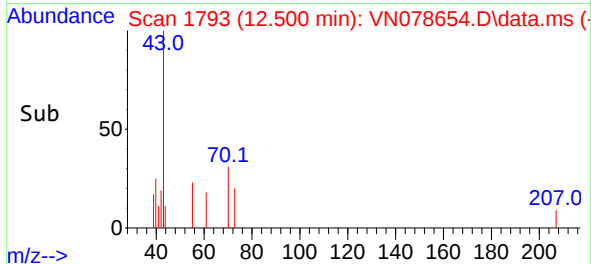
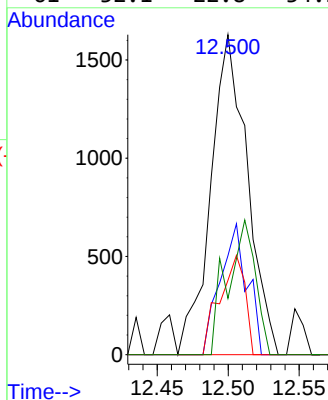
#74
N-amy1 acetate
Concen: 0.387 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 2921

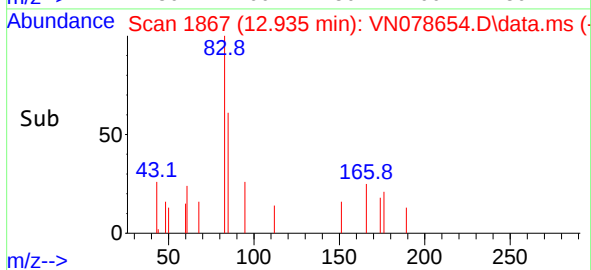
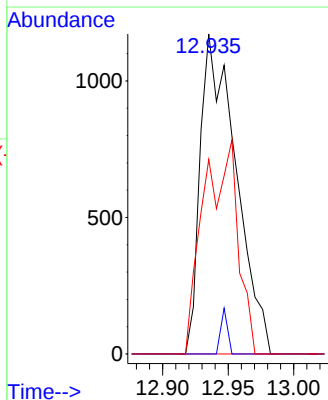
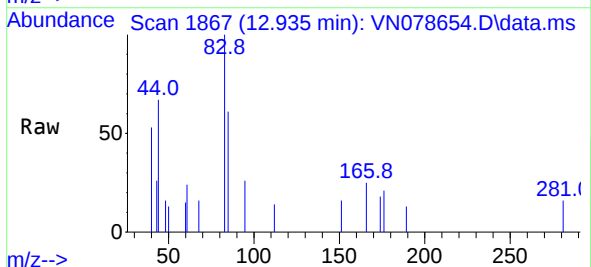
Ion	Ratio	Lower	Upper
43	100		
70	30.2	43.4	65.2#
55	21.5	21.4	32.0
61	32.1	22.8	34.2

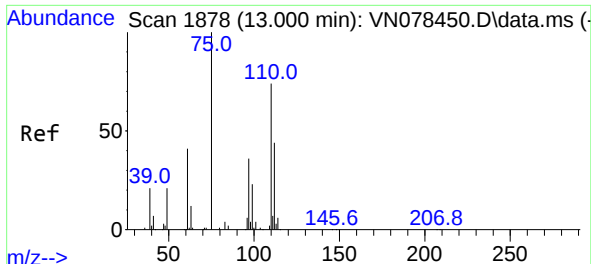


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 83 Resp: 2214

Ion	Ratio	Lower	Upper
83	100		
131	2.7	5.0	15.0#
85	64.1	31.9	95.7

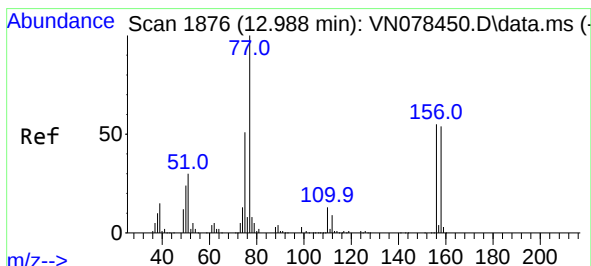
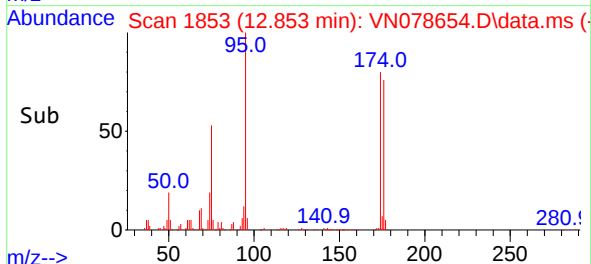
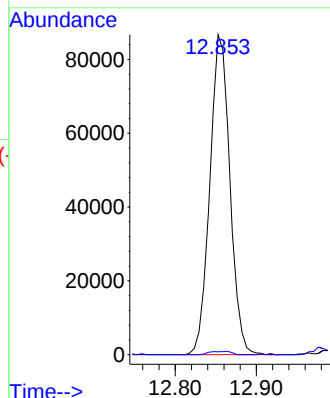
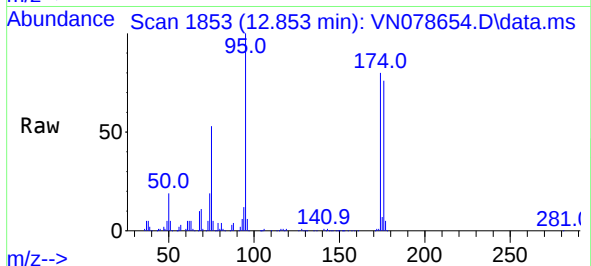




#76
1,2,3-Trichloropropane
Concen: 26.426 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

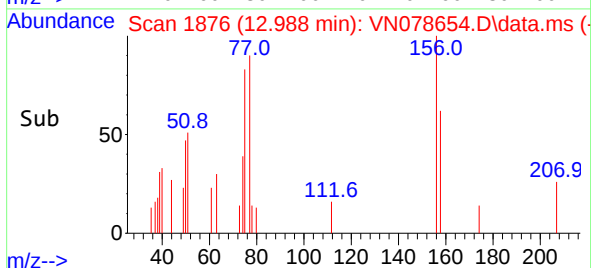
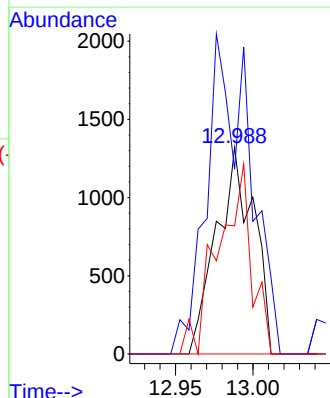
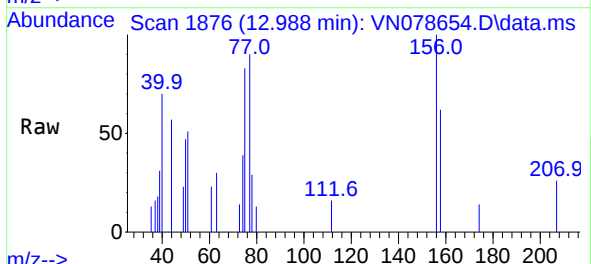
Instrument :
MSVOA_N
ClientSampleId :

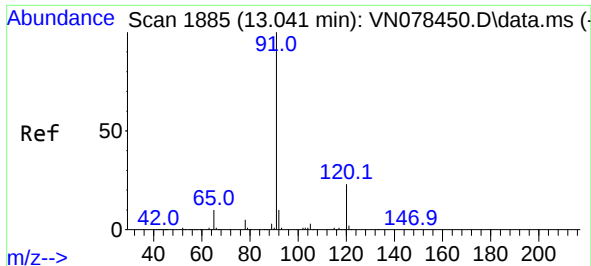
Tgt Ion: 75 Resp: 148724
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#



#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion:156 Resp: 2202
Ion Ratio Lower Upper
156 100
77 178.7 107.7 323.3
158 82.3 48.4 145.3

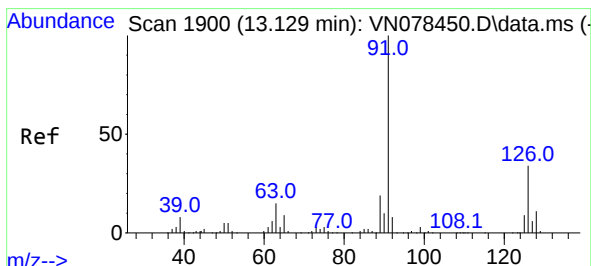
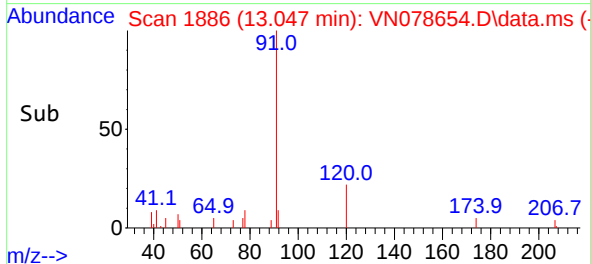
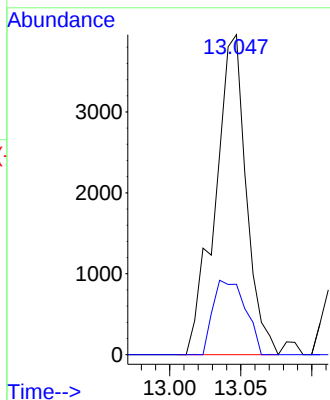
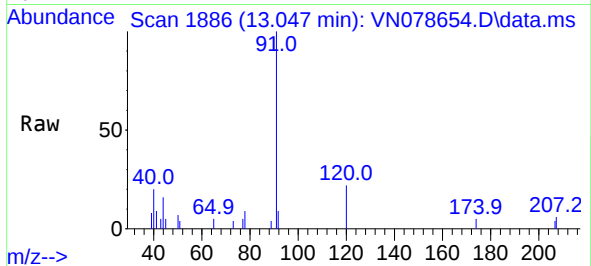




#78
n-propylbenzene
Concen: 0.258 ug/l
RT: 13.047 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

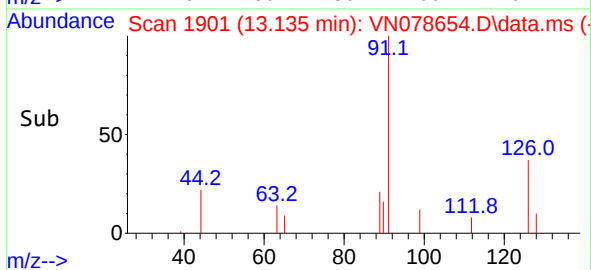
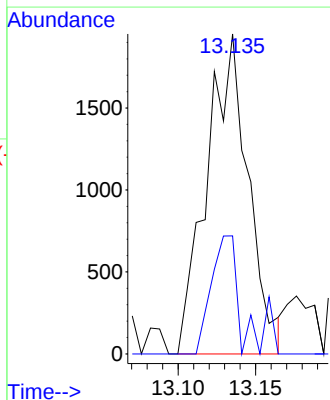
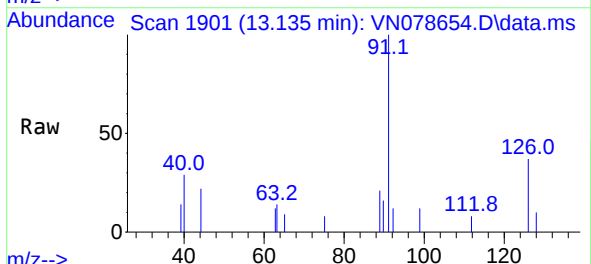
Instrument :
MSVOA_N
ClientSampleId :

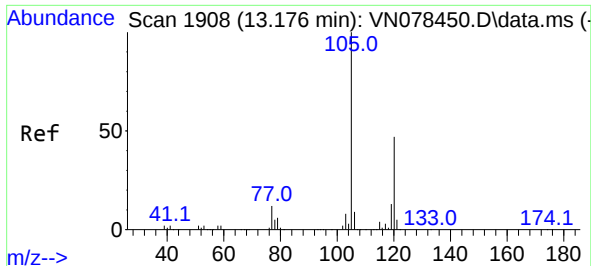
Tgt Ion: 91 Resp: 6030
Ion Ratio Lower Upper
91 100
120 24.2 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.236 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 91 Resp: 3622
Ion Ratio Lower Upper
91 100
126 23.9 16.3 48.8

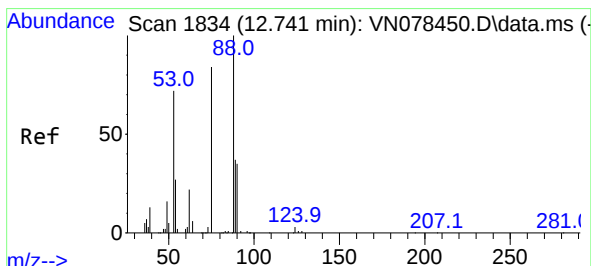
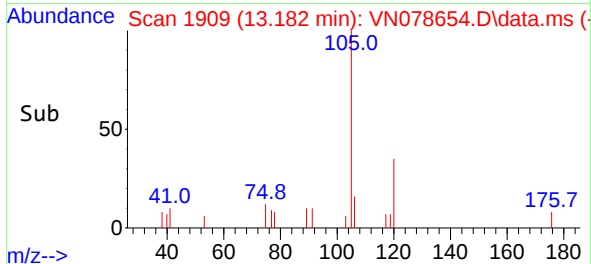
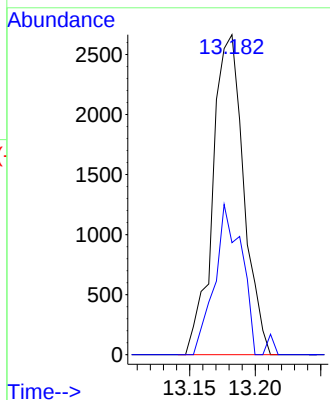
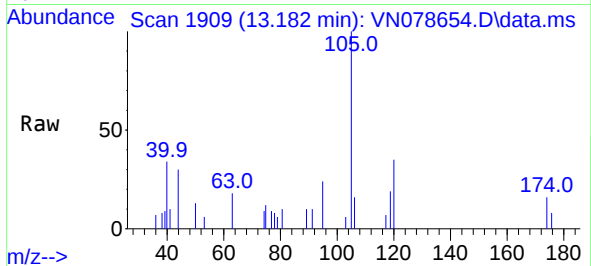




#80
1,3,5-Trimethylbenzene
Concen: 0.252 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

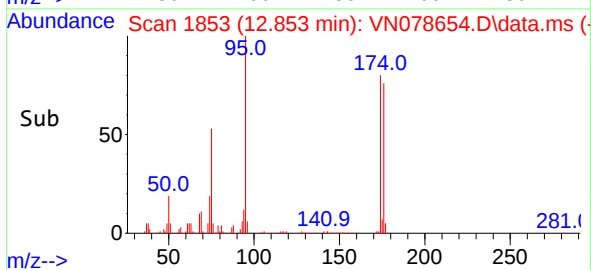
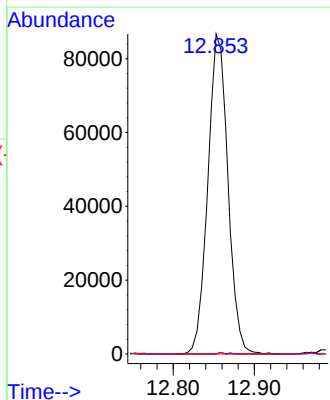
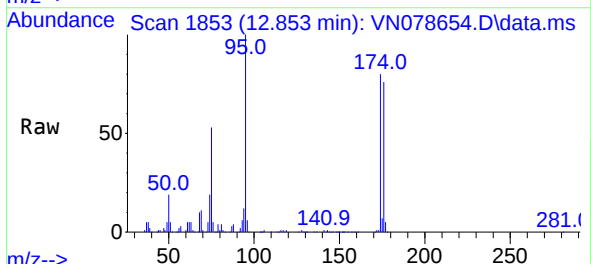
Instrument :
MSVOA_N
ClientSampleId :

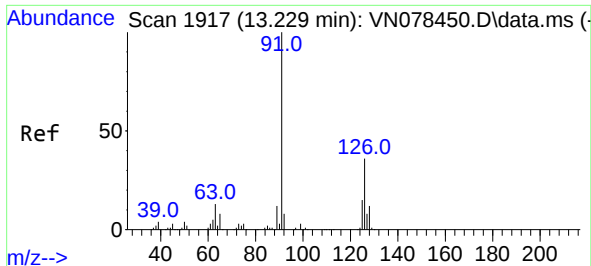
Tgt Ion:105 Resp: 4362
Ion Ratio Lower Upper
105 100
120 41.0 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 69.443 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 75 Resp: 148724
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.1 38.8 58.2#

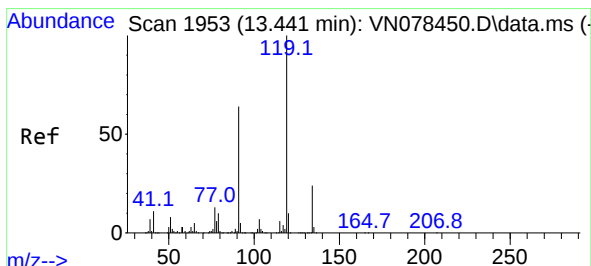
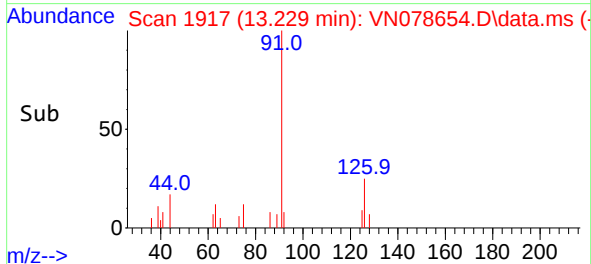
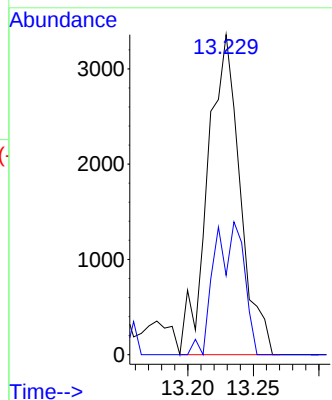
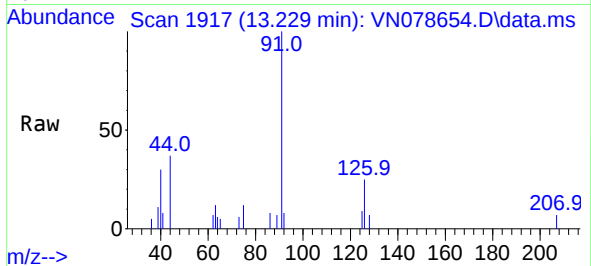




#82
4-Chlorotoluene
Concen: 0.404 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

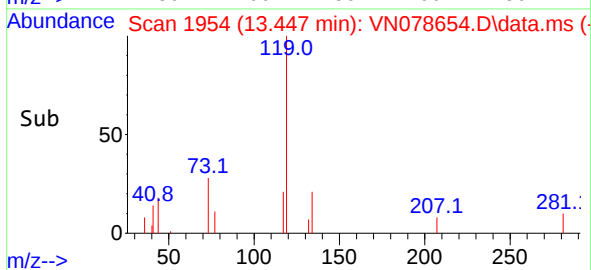
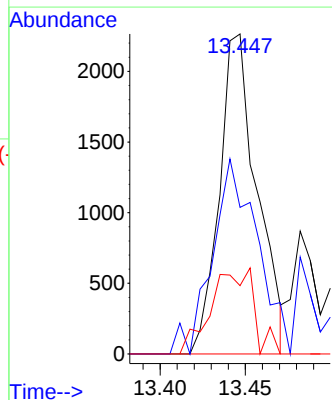
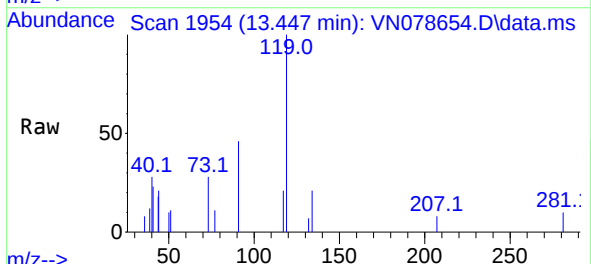
Instrument :
MSVOA_N
ClientSampleId :

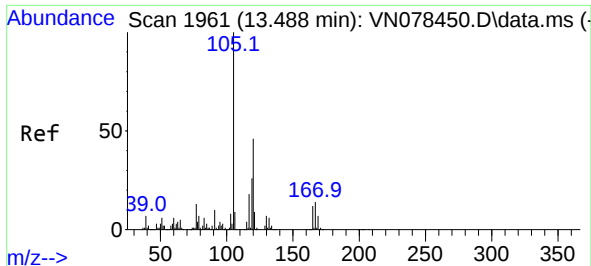
Tgt Ion: 91 Resp: 5777
Ion Ratio Lower Upper
91 100
126 37.6 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.238 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 119 Resp: 3486
Ion Ratio Lower Upper
119 100
91 72.7 33.9 101.7
134 30.4 13.2 39.6

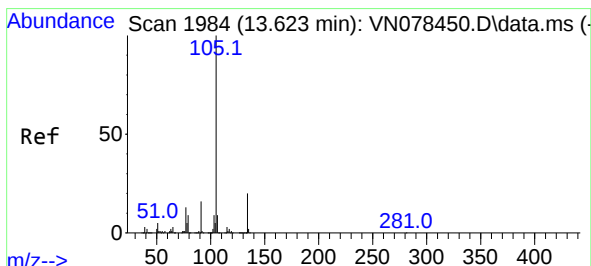
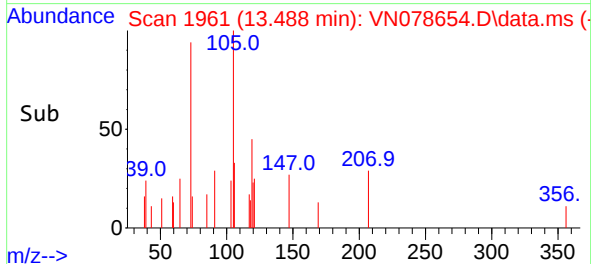
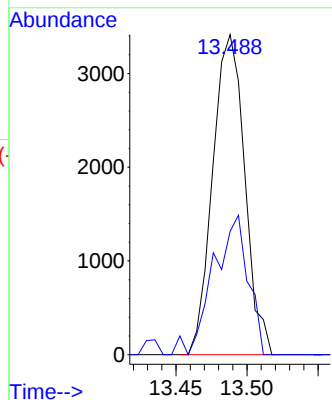
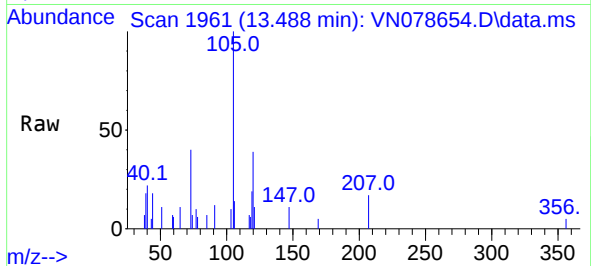




#84
1,2,4-Trimethylbenzene
Concen: 0.319 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

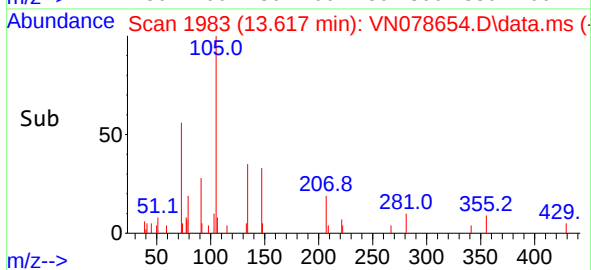
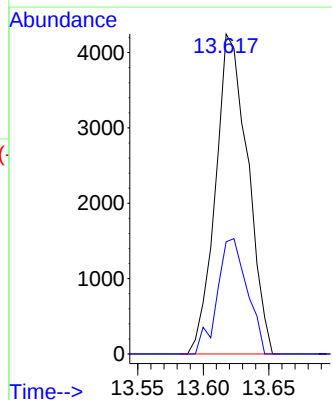
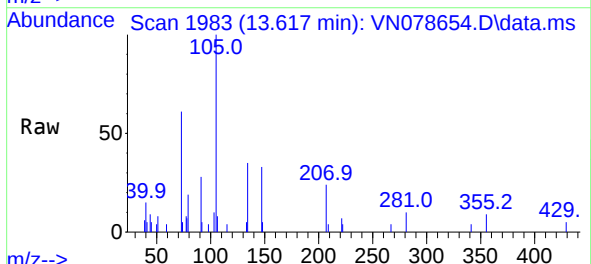
Instrument :
MSVOA_N
ClientSampleId :

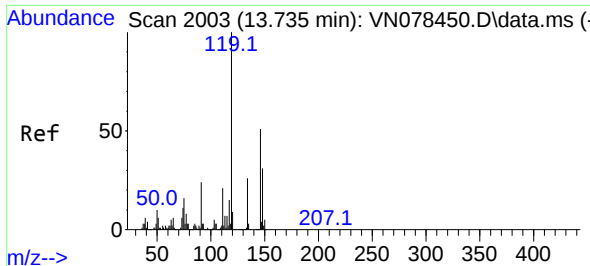
Tgt Ion:105 Resp: 5353
Ion Ratio Lower Upper
105 100
120 47.4 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.391 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion:105 Resp: 7258
Ion Ratio Lower Upper
105 100
134 33.4 9.8 29.3#

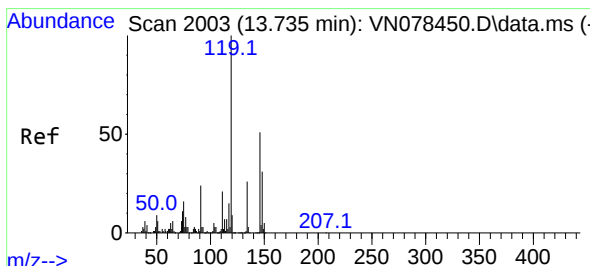
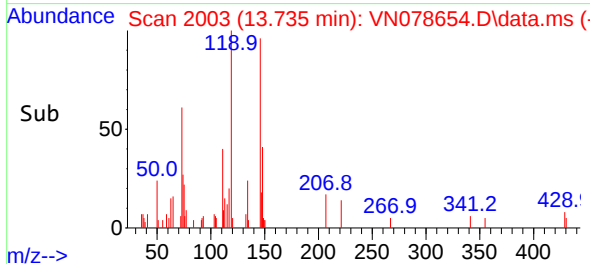
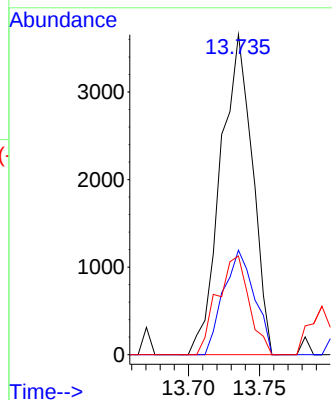
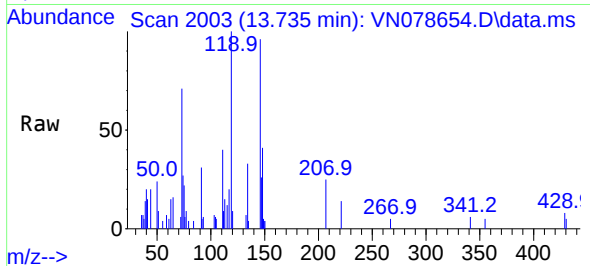




#86
p-Isopropyltoluene
Concen: 0.382 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

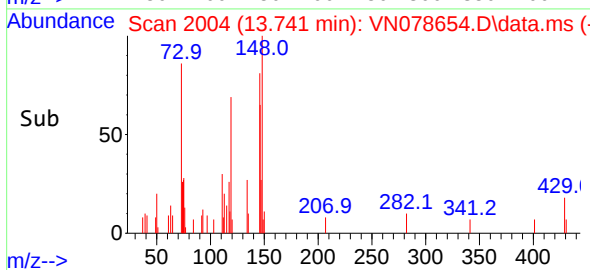
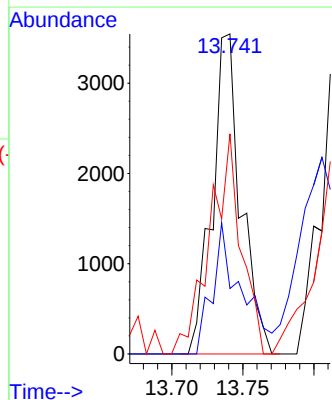
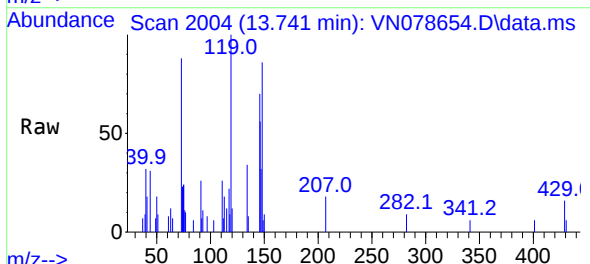
Instrument :
MSVOA_N
ClientSampleId :

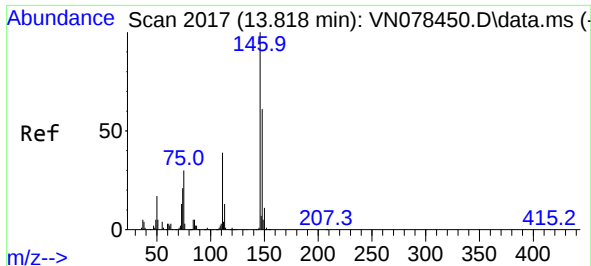
Tgt Ion:	119	Resp:	5689
Ion	Ratio	Lower	Upper
119	100		
134	31.6	12.6	37.8
91	30.7	12.4	37.2



#87
1,3-Dichlorobenzene
Concen: 0.593 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion:	146	Resp:	4979
Ion	Ratio	Lower	Upper
146	100		
111	41.7	22.1	66.3
148	74.7	32.0	96.0

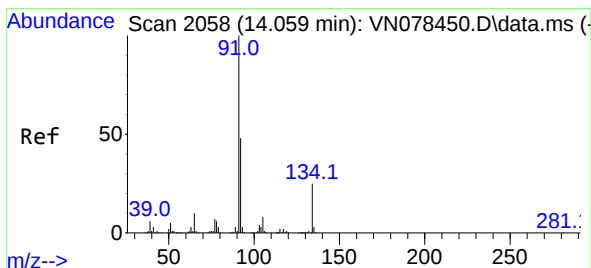
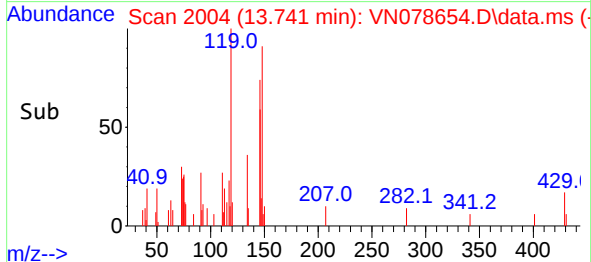
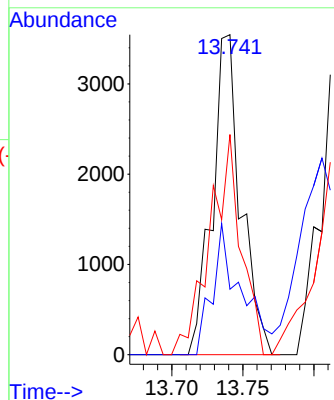
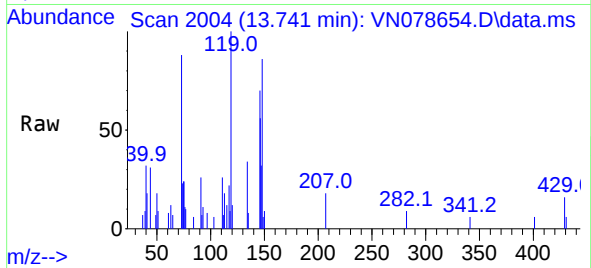




#88
1,4-Dichlorobenzene
Concen: 0.589 ug/l
RT: 13.741 min Scan# 2017
Delta R.T. -0.077 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

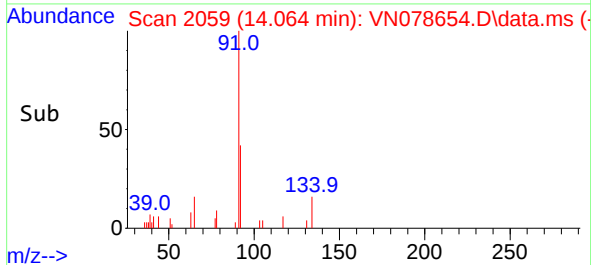
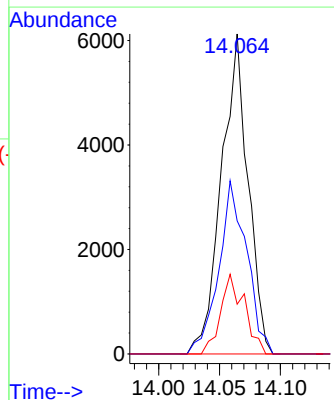
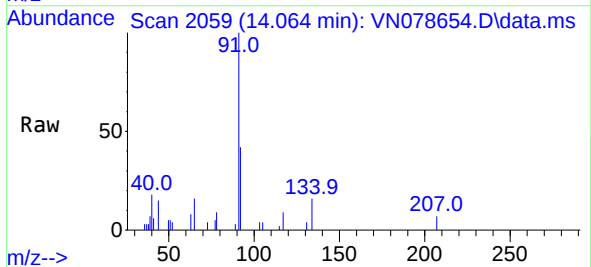
Instrument :
MSVOA_N
ClientSampleId :

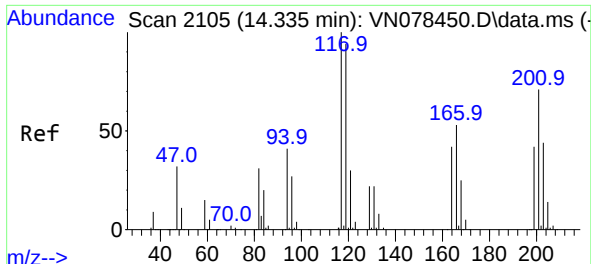
Tgt Ion:146 Resp: 4979
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.8
148 74.7 31.6 94.8



#89
n-Butylbenzene
Concen: 0.876 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

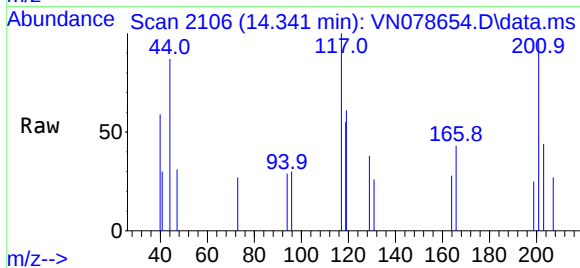
Tgt Ion: 91 Resp: 9337
Ion Ratio Lower Upper
91 100
92 56.7 26.4 79.0
134 22.2 12.6 37.6



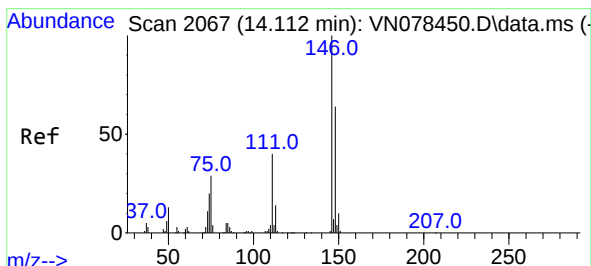
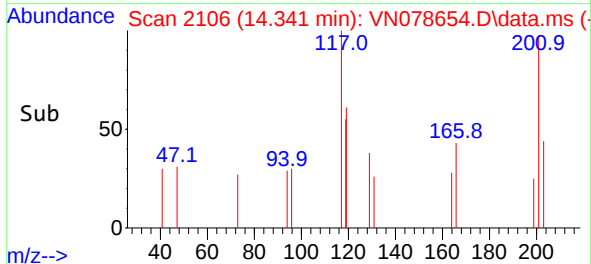
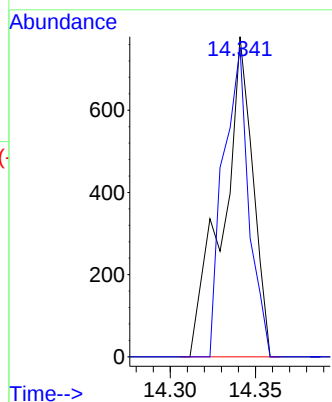


#90
Hexachloroethane
Concen: Below Cal
RT: 14.341 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :

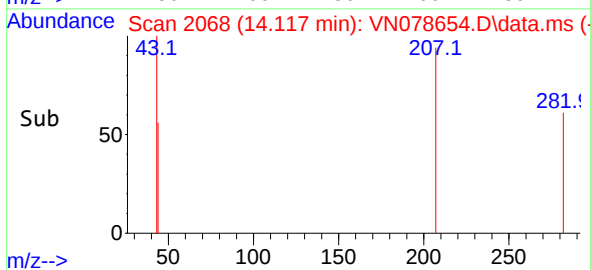
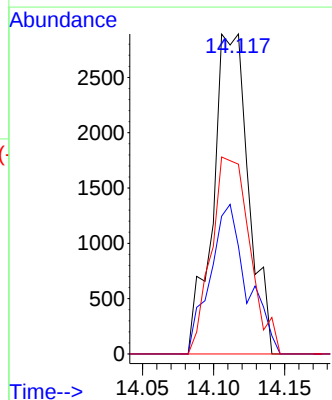
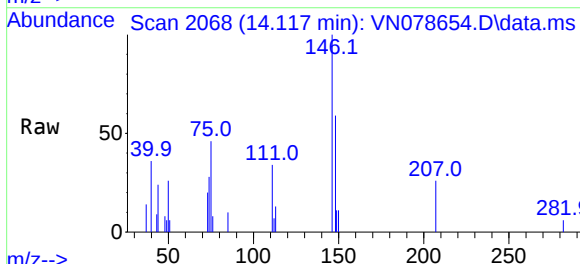


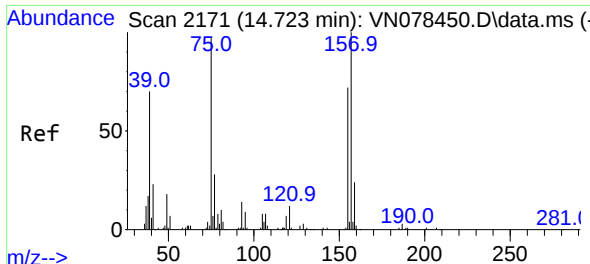
Tgt Ion:117 Resp: 952
Ion Ratio Lower Upper
117 100
201 82.0 29.3 88.0



#91
1,2-Dichlorobenzene
Concen: 0.605 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.005 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

Tgt Ion:146 Resp: 5055
Ion Ratio Lower Upper
146 100
111 48.5 22.0 66.0
148 66.5 31.8 95.3

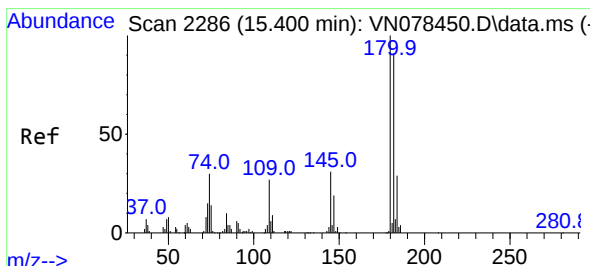
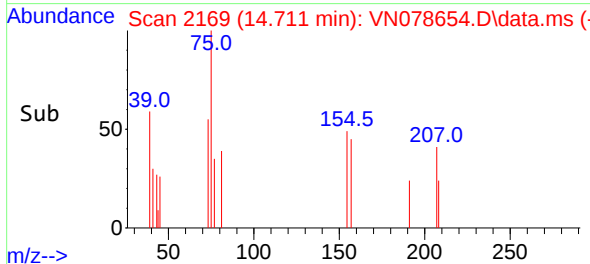
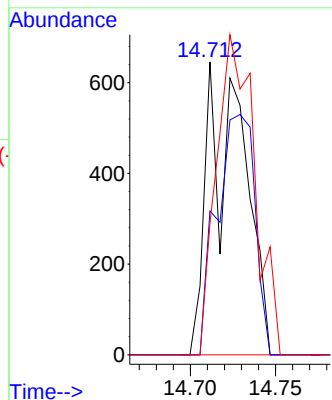
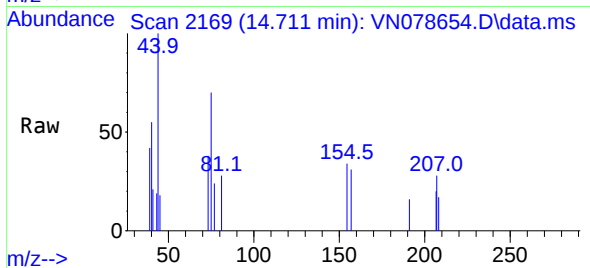




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.711 min Scan# 2171
Delta R.T. -0.012 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

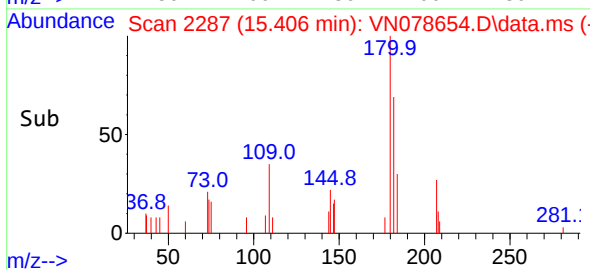
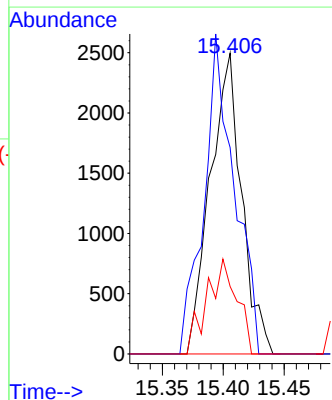
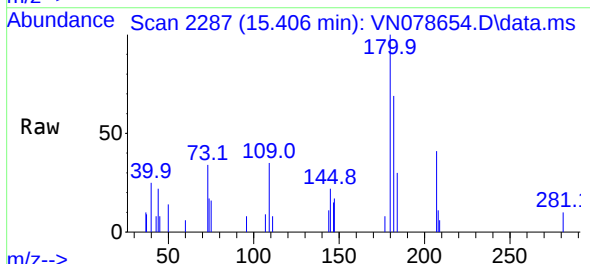
Instrument :
MSVOA_N
ClientSampleId :

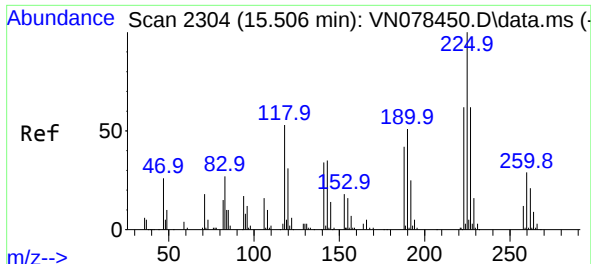
Tgt Ion: 75 Resp: 972
Ion Ratio Lower Upper
75 100
155 84.6 39.1 117.2
157 112.3 50.3 150.9



#93
1,2,4-Trichlorobenzene
Concen: 1.680 ug/l
RT: 15.406 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

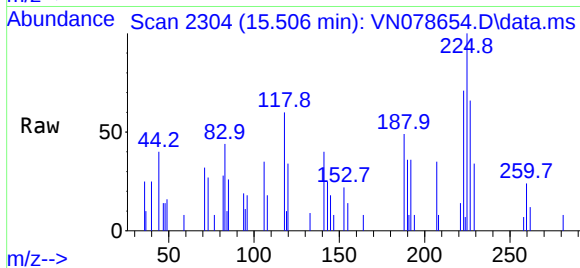
Tgt Ion: 180 Resp: 4482
Ion Ratio Lower Upper
180 100
182 102.5 46.1 138.2
145 29.9 16.6 49.8



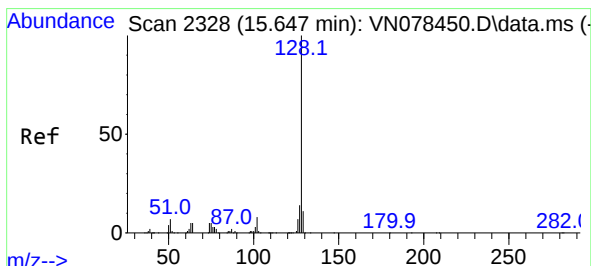
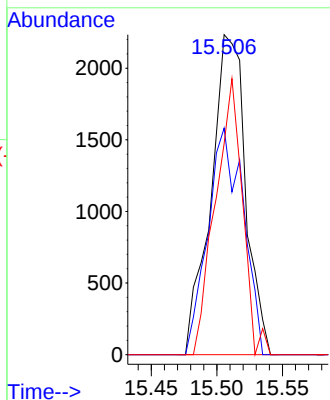
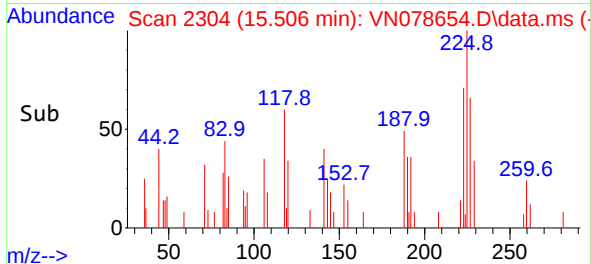


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.506 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33

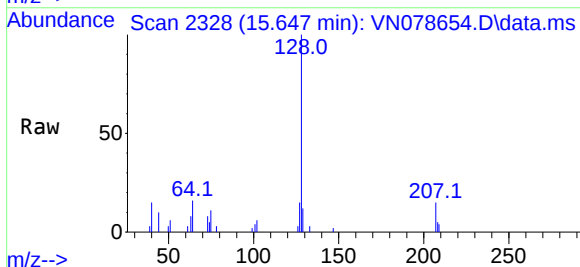
Instrument :
MSVOA_N
ClientSampleId :



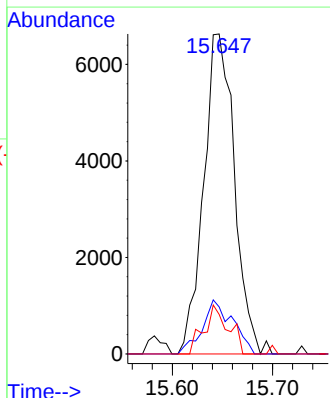
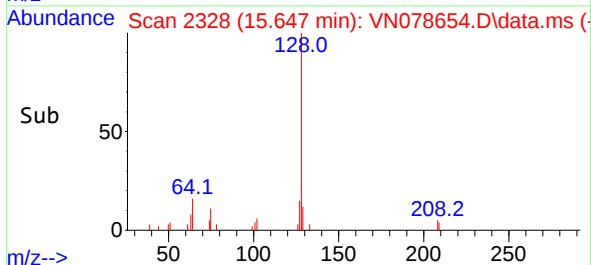
Tgt Ion:225 Resp: 4112
Ion Ratio Lower Upper
225 100
223 72.2 31.3 93.8
227 67.1 31.9 95.9

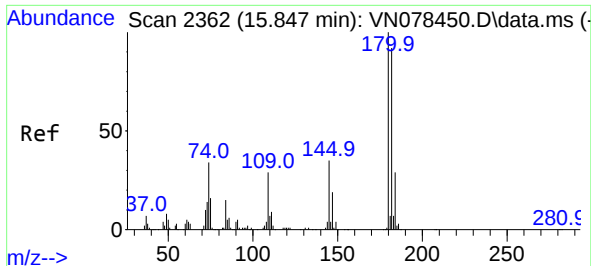


#95
Naphthalene
Concen: 1.553 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078654.D
Acq: 27 Jul 2023 11:33



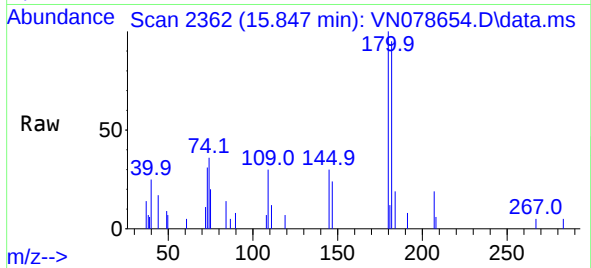
Tgt Ion:128 Resp: 14163
Ion Ratio Lower Upper
128 100
127 16.7 10.0 15.0#
129 12.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.932 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078654.D
 Acq: 27 Jul 2023 11:33

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	5926
Ion	Ratio	Lower	Upper
180	100		
182	90.7	46.2	138.6
145	39.7	17.5	52.6

