

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077412.D
 Acq On : 20 Apr 2023 20:00
 Operator : JC\MD
 Sample : 02389-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPB-6WC-23-04-17

Quant Time: Apr 21 02:42:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	577113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1074747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1000384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	407107	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	363373	46.069	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.140%
35) Dibromofluoromethane	8.172	113	320107	46.526	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.060%
50) Toluene-d8	10.571	98	1328283	47.957	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.920%
62) 4-Bromofluorobenzene	12.854	95	485825	52.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.480%

Target Compounds				Qvalue		
5) Bromomethane	2.984	94	2127	0.237	ug/l #	25
10) Methyl Iodide	4.601	142	3663	0.459	ug/l #	73
11) Tert butyl alcohol	5.548	59	1418	0.881	ug/l #	83
13) Acrolein	4.190	56	1296	0.850	ug/l #	41
16) Acetone	4.442	43	106672	36.680	ug/l	90
18) Methyl Acetate	5.048	43	37566	3.392	ug/l	93
20) Methylene Chloride	5.284	84	41515	5.055	ug/l #	75
25) 2-Butanone	7.495	43	30219	6.402	ug/l #	73
29) Tetrahydrofuran	7.860	42	900	0.297	ug/l #	50
31) Cyclohexane	8.230	56	14203	1.159	ug/l #	47
36) 1,1-Dichloropropene	8.230	75	50309	4.944	ug/l #	51
37) Ethyl Acetate	7.572	43	91988	10.104	ug/l	97
38) Carbon Tetrachloride	8.230	117	60910	5.842	ug/l #	15
40) Benzene	8.613	78	36644	1.155	ug/l	98
42) 1,2-Dichloroethane	8.689	62	3992	0.409	ug/l #	73
43) Isopropyl Acetate	8.695	43	412060	24.528	ug/l #	91
45) 1,2-Dichloropropane	9.748	63	4708	0.625	ug/l #	41
48) Methyl methacrylate	9.660	41	11412	1.592	ug/l #	5
49) 1,4-Dioxane	9.736	88	794	4.570	ug/l #	1
51) 4-Methyl-2-Pentanone	10.448	43	15557	1.602	ug/l	93
52) Toluene	10.630	92	14819	0.713	ug/l	94
54) cis-1,3-Dichloropropene	10.360	75	172484	13.136	ug/l #	59
57) 1,3-Dichloropropane	11.201	76	19657	1.459	ug/l #	42
59) 2-Hexanone	11.171	43	285044	39.401	ug/l #	20
65) Chlorobenzene	11.901	112	18384	0.835	ug/l	90
67) Ethyl Benzene	11.965	91	45795	1.127	ug/l	91
68) m/p-Xylenes	12.071	106	61504	3.851	ug/l	98
69) o-Xylene	12.401	106	188707	11.978	ug/l	99
70) Styrene	12.401	104	10927	0.431	ug/l #	1
71) Bromoform	12.854	173	2589	0.441	ug/l #	1
73) Isopropylbenzene	12.695	105	87927	2.224	ug/l	98
76) 1,2,3-Trichloropropane	13.095	75	15593	1.608	ug/l #	1
77) Bromobenzene	13.142	156	14725	1.831	ug/l #	1
78) n-propylbenzene	13.036	91	475967	10.894	ug/l	99
79) 2-Chlorotoluene	13.101	91	301460	11.459	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.177	105	1113289	35.250	ug/l	99

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

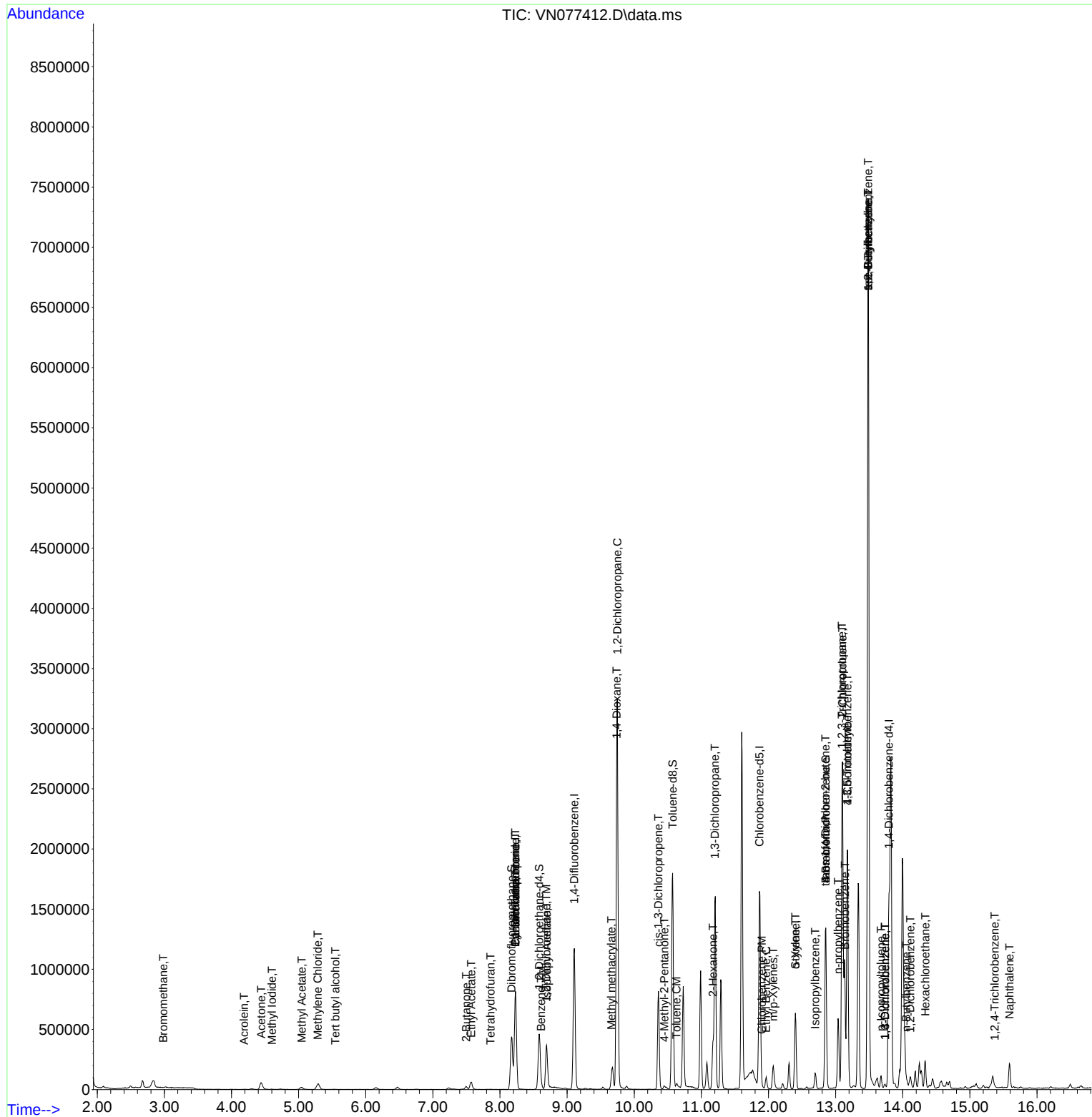
81) trans-1,4-Dichloro-2-b...	12.848	75	257804	59.844	ug/l #	13
82) 4-Chlorotoluene	13.177	91	122152	4.925	ug/l #	41
83) tert-Butylbenzene	13.483	119	538625	19.160	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.483	105	4477464	143.502	ug/l	100
85) sec-Butylbenzene	13.483	105	4477464	114.286	ug/l #	57
86) p-Isopropyltoluene	13.677	119	58299	1.893	ug/l #	74
87) 1,3-Dichlorobenzene	13.736	146	4463	0.300	ug/l	91
88) 1,4-Dichlorobenzene	13.736	146	4463	0.304	ug/l	89
89) n-Butylbenzene	14.054	91	21379	0.836	ug/l #	64
90) Hexachloroethane	14.336	117	11740	1.744	ug/l #	21
91) 1,2-Dichlorobenzene	14.112	146	20763	1.395	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	2165	0.403	ug/l	89
95) Naphthalene	15.589	128	77949	3.863	ug/l	98

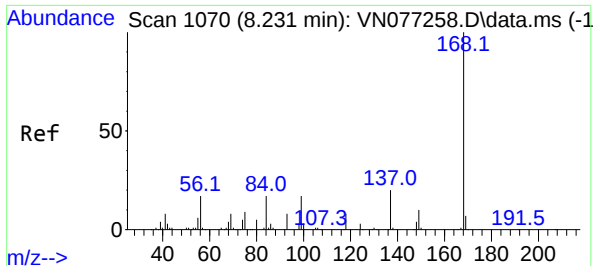
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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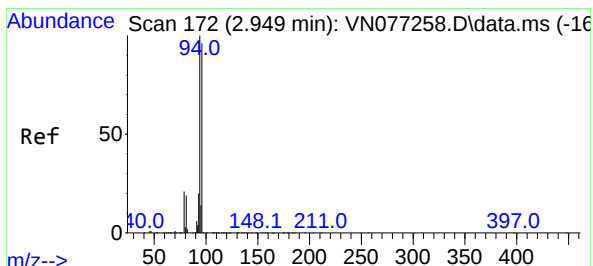
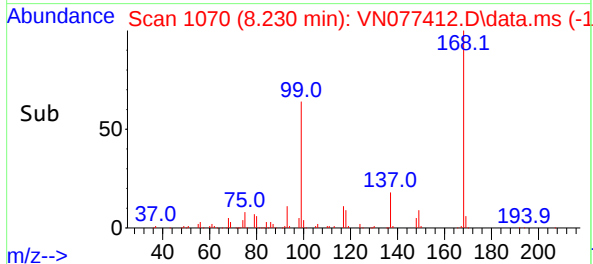
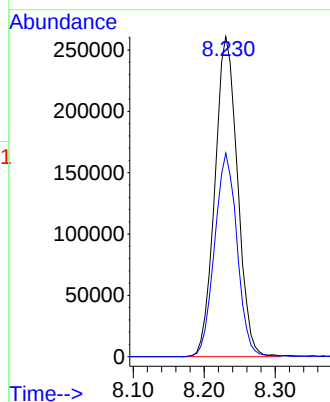
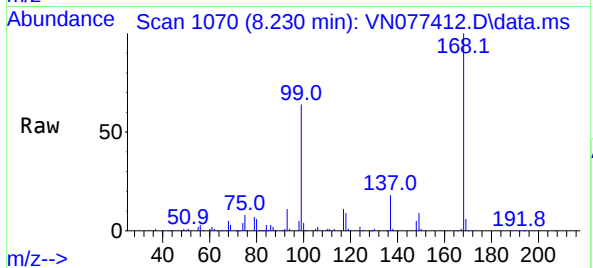




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

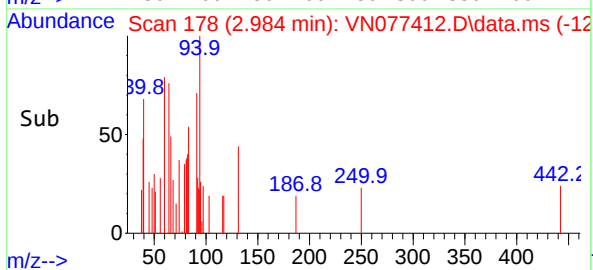
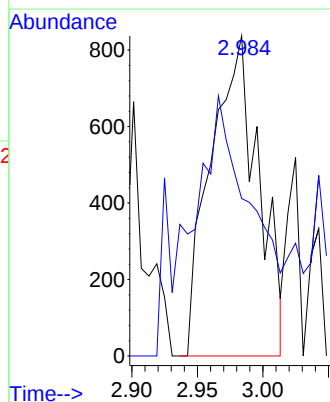
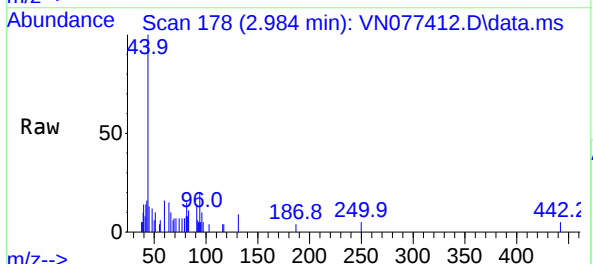
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

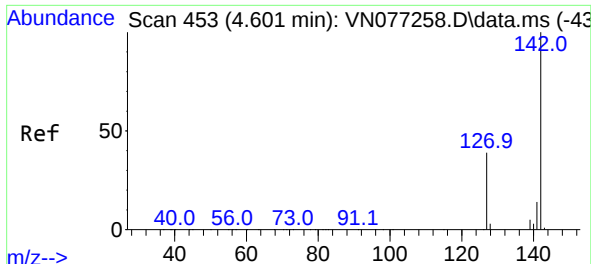
Tgt Ion:168 Resp: 577113
Ion Ratio Lower Upper
168 100
99 63.5 50.6 75.8



#5
Bromomethane
Concen: 0.237 ug/l
RT: 2.984 min Scan# 178
Delta R.T. 0.035 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 94 Resp: 2127
Ion Ratio Lower Upper
94 100
96 23.3 77.0 115.4#

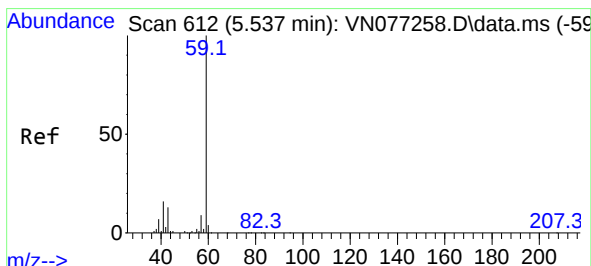
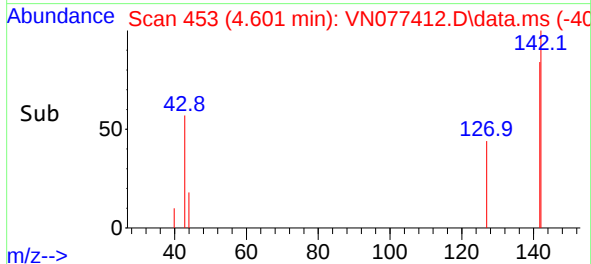
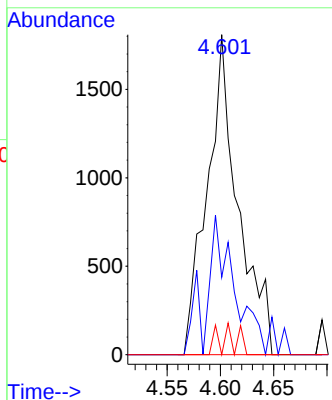
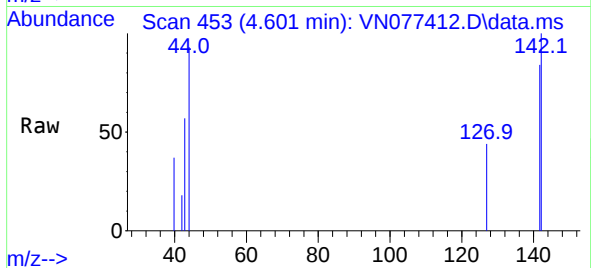




#10
Methyl Iodide
Concen: 0.459 ug/l
RT: 4.601 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

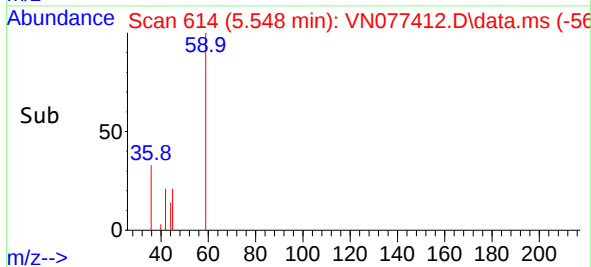
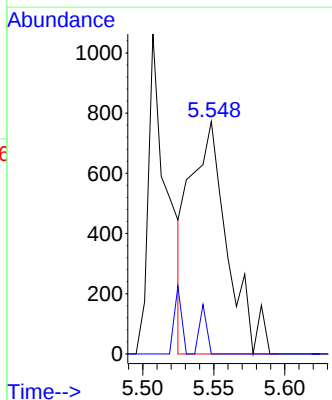
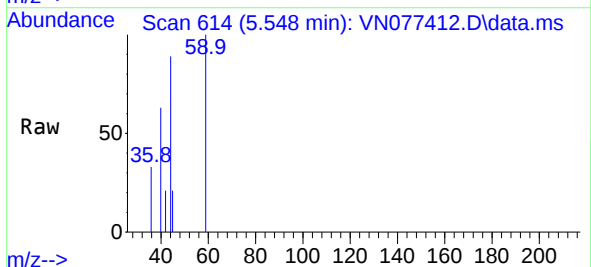
Instrument :
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ClientSampleId :
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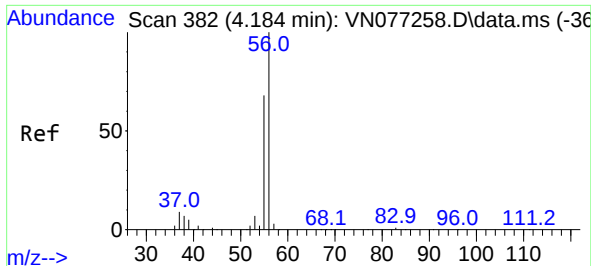
Tgt Ion:142 Resp: 3663
Ion Ratio Lower Upper
142 100
127 24.2 31.5 47.3#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.881 ug/l
RT: 5.548 min Scan# 614
Delta R.T. 0.011 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 59 Resp: 1418
Ion Ratio Lower Upper
59 100
57 4.1 8.3 12.5#

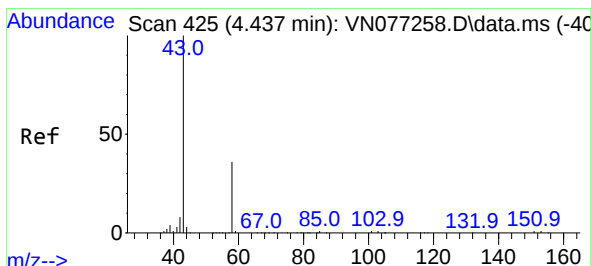
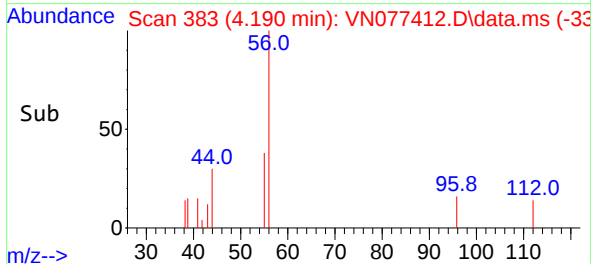
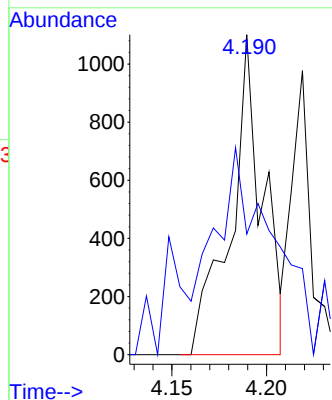
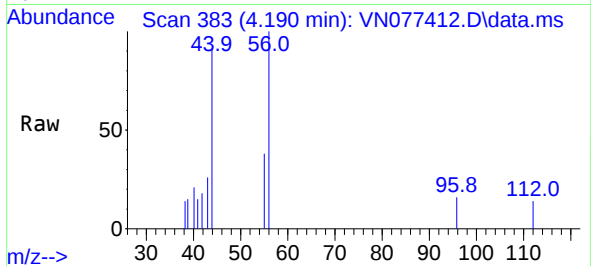




#13
Acrolein
Concen: 0.850 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

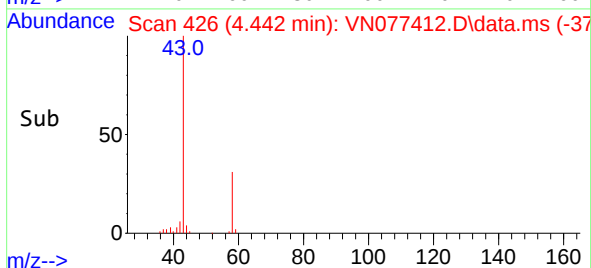
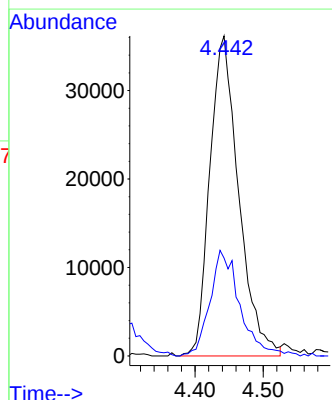
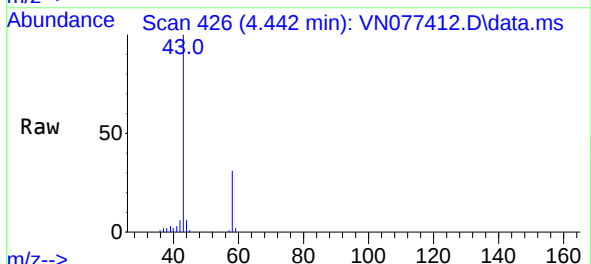
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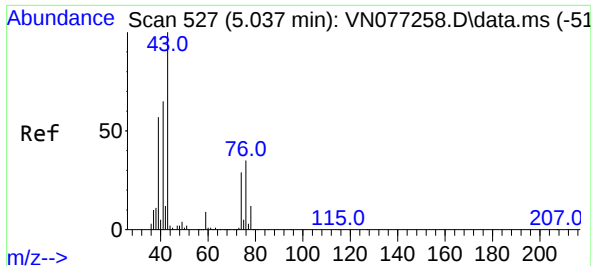
Tgt Ion: 56 Resp: 1296
Ion Ratio Lower Upper
56 100
55 115.1 54.2 81.2#



#16
Acetone
Concen: 36.680 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 43 Resp: 106672
Ion Ratio Lower Upper
43 100
58 30.6 29.0 43.6

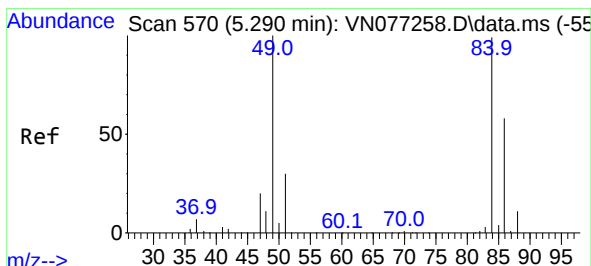
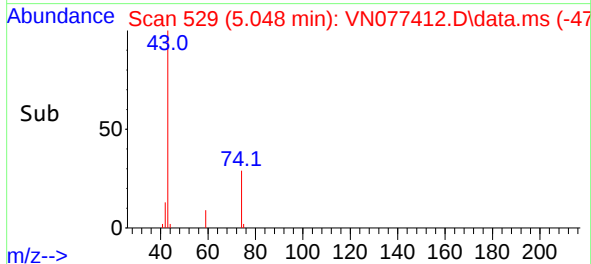
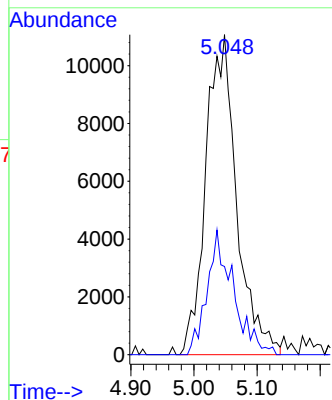
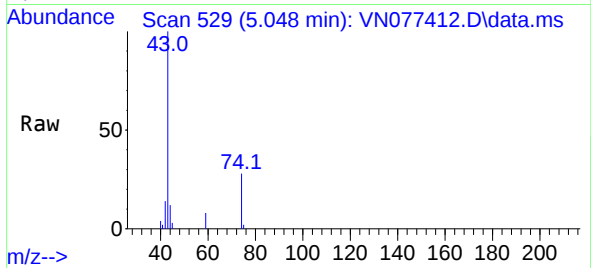




#18
Methyl Acetate
Concen: 3.392 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

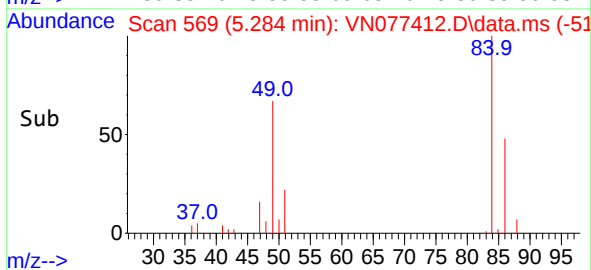
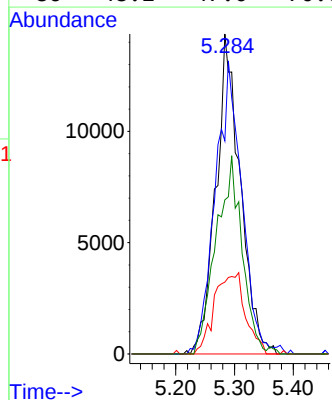
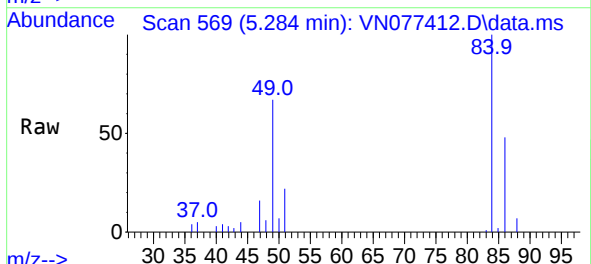
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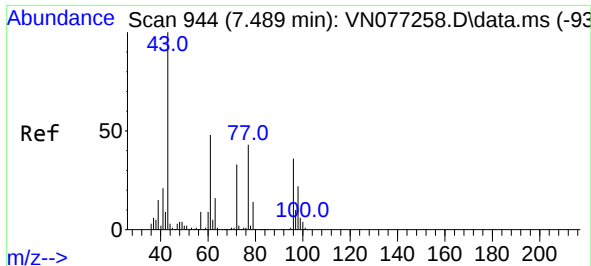
Tgt Ion: 43 Resp: 37566
Ion Ratio Lower Upper
43 100
74 33.3 23.4 35.2



#20
Methylene Chloride
Concen: 5.055 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 84 Resp: 41515
Ion Ratio Lower Upper
84 100
49 66.6 80.6 121.0#
51 22.4 24.4 36.6#
86 48.2 47.0 70.6

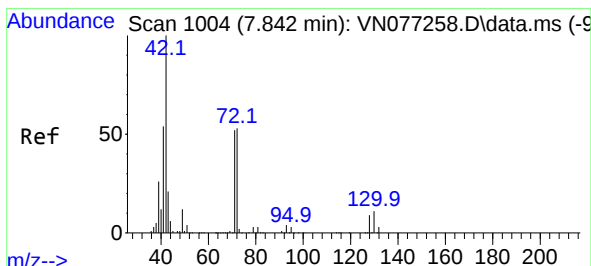
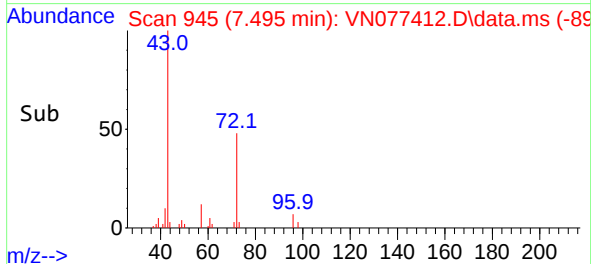
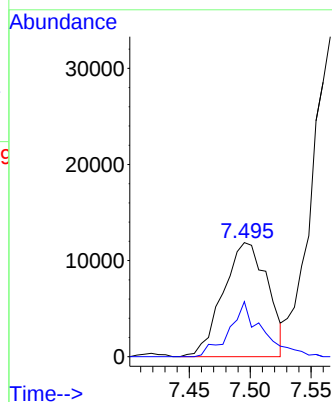
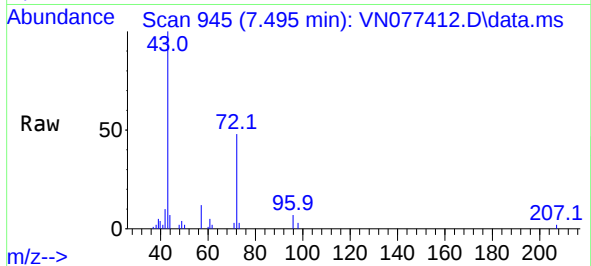




#25
2-Butanone
Concen: 6.402 ug/l
RT: 7.495 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

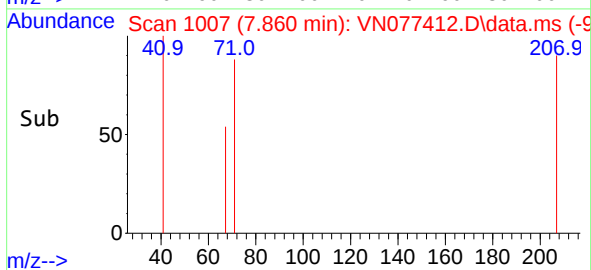
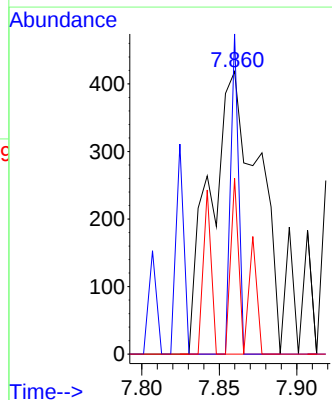
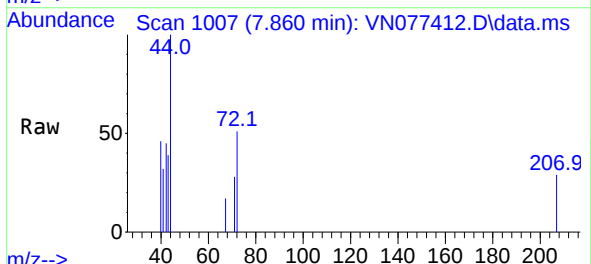
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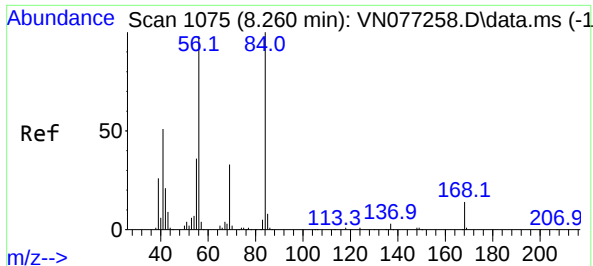
Tgt Ion: 43 Resp: 30219
Ion Ratio Lower Upper
43 100
72 48.3 26.6 39.8#



#29
Tetrahydrofuran
Concen: 0.297 ug/l
RT: 7.860 min Scan# 1007
Delta R.T. 0.018 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 42 Resp: 900
Ion Ratio Lower Upper
42 100
72 18.6 44.6 66.8#
71 17.0 41.3 61.9#

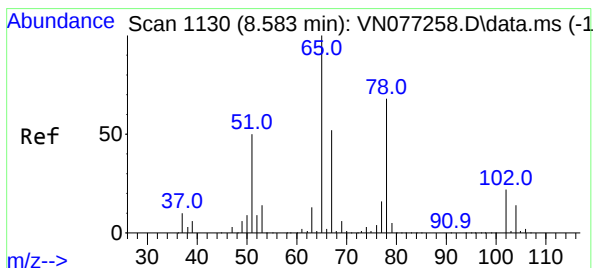
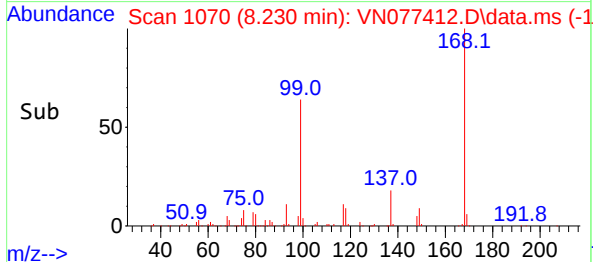
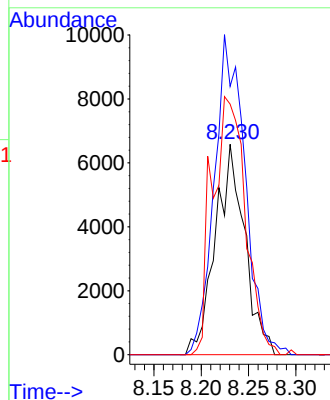
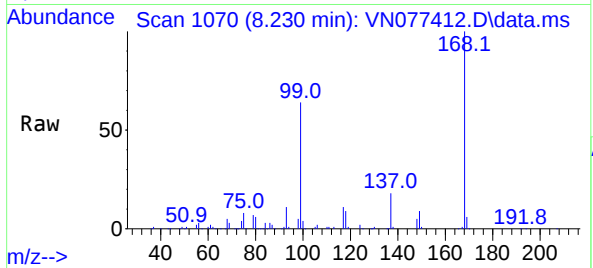




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.030 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

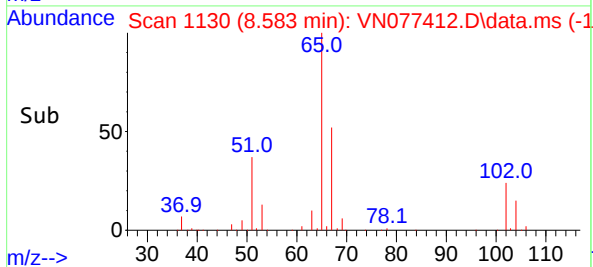
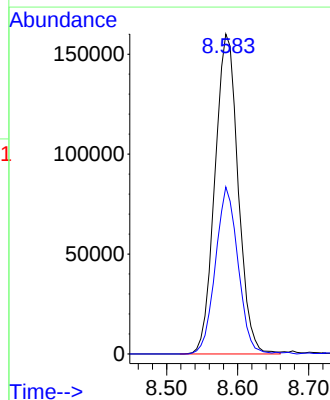
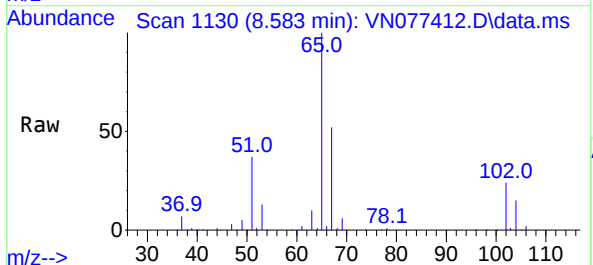
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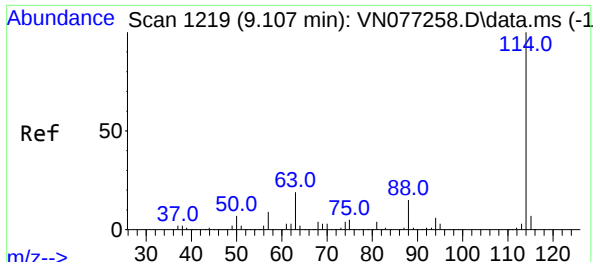
Tgt Ion: 56 Resp: 14203
Ion Ratio Lower Upper
56 100
69 127.5 26.6 40.0#
84 119.0 81.8 122.8



#33
1,2-Dichloroethane-d4
Concen: 46.069 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 65 Resp: 363373
Ion Ratio Lower Upper
65 100
67 50.6 0.0 108.8

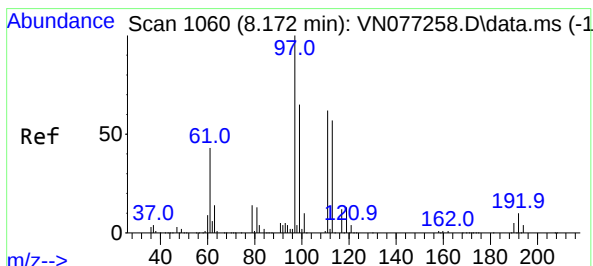
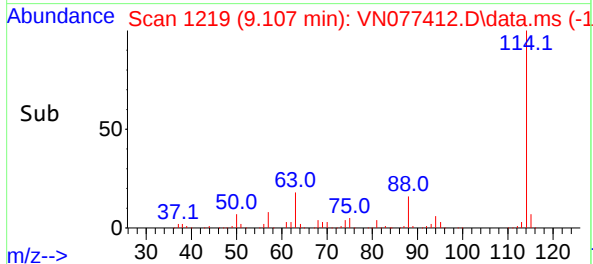
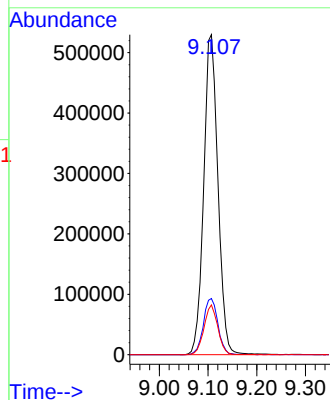
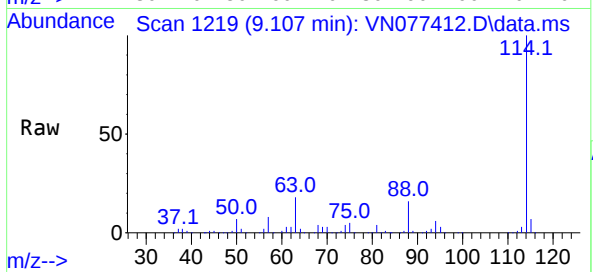




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

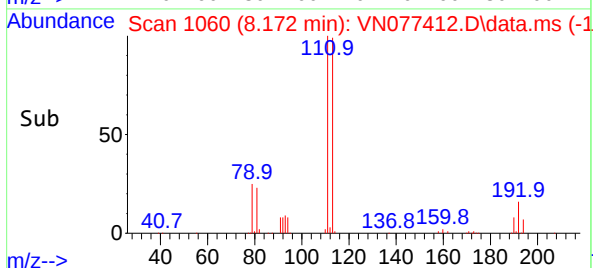
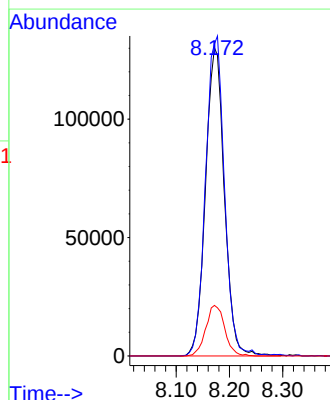
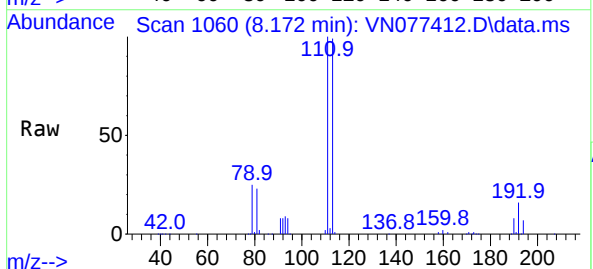
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

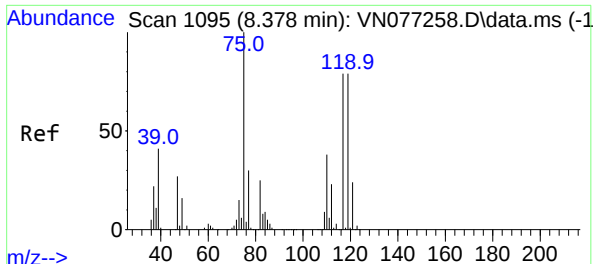
Tgt Ion:114 Resp: 1074747
Ion Ratio Lower Upper
114 100
63 17.5 0.0 37.8
88 15.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.526 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion:113 Resp: 320107
Ion Ratio Lower Upper
113 100
111 103.8 83.4 125.0
192 16.5 13.5 20.3

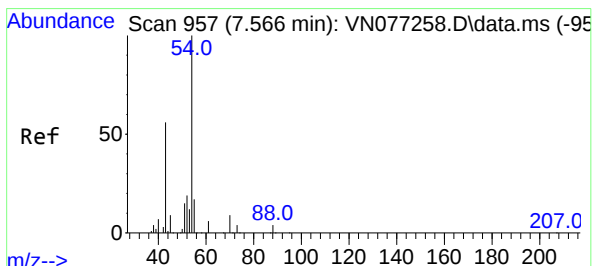
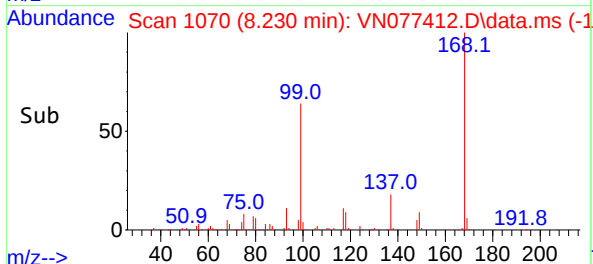
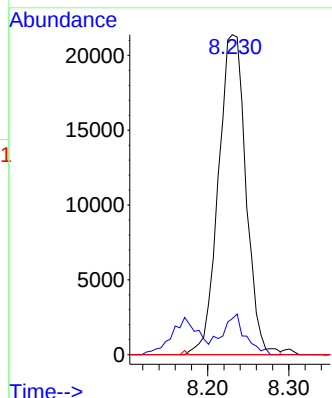
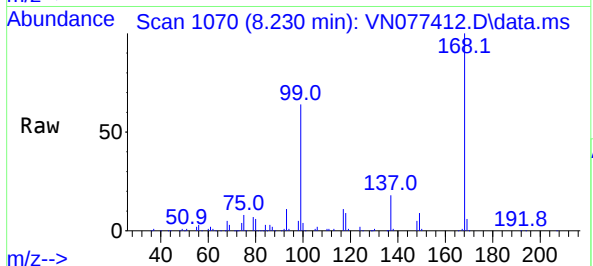




#36
1,1-Dichloropropene
Concen: 4.944 ug/l
RT: 8.230 min Scan# 1095
Delta R.T. -0.148 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

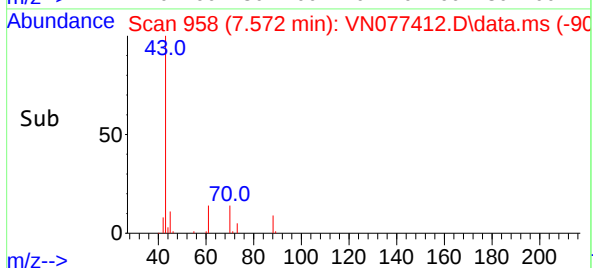
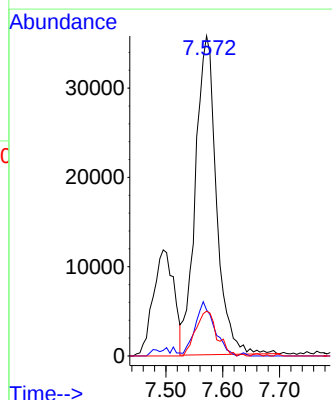
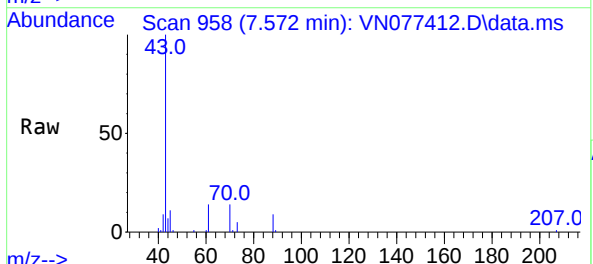
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

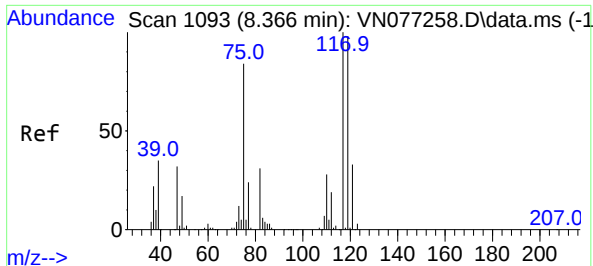
Tgt Ion: 75 Resp: 50309
Ion Ratio Lower Upper
75 100
110 10.8 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 10.104 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 43 Resp: 91988
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.2
70 14.3 10.0 15.0

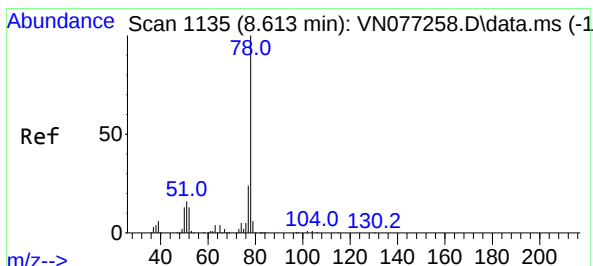
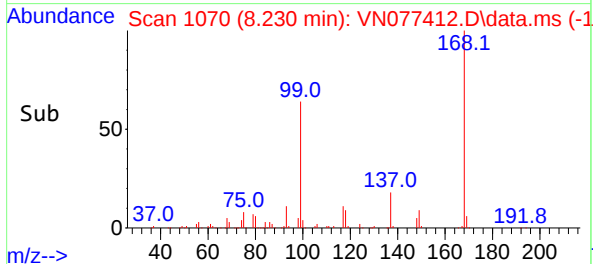
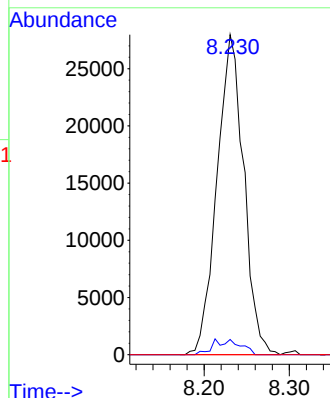
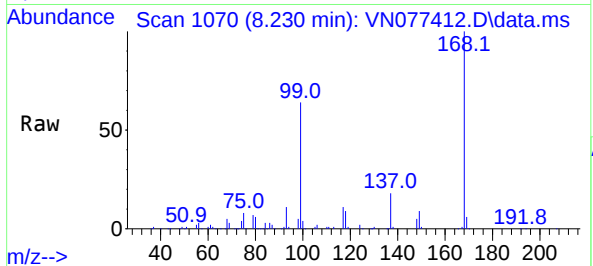




#38
Carbon Tetrachloride
Concen: 5.842 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.136 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

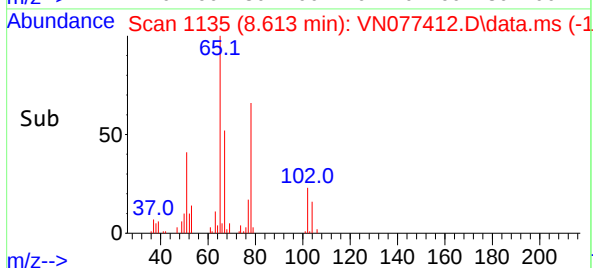
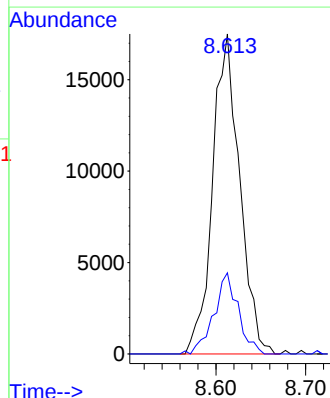
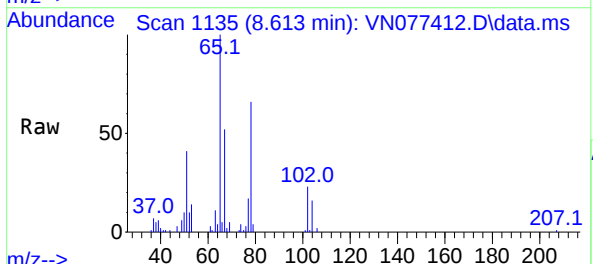
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

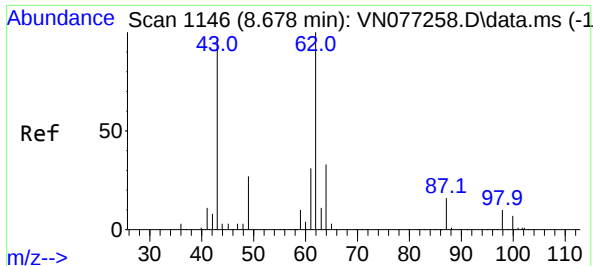
Tgt Ion:117 Resp: 60910
Ion Ratio Lower Upper
117 100
119 4.8 78.5 117.7#
121 0.0 26.6 40.0#



#40
Benzene
Concen: 1.155 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 78 Resp: 36644
Ion Ratio Lower Upper
78 100
77 25.3 19.5 29.3

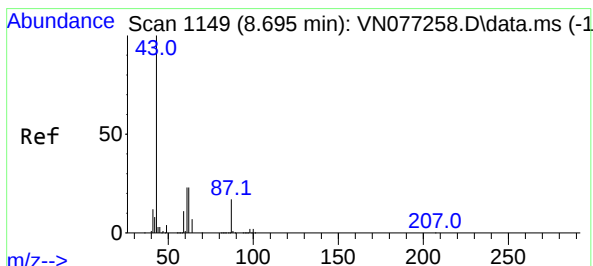
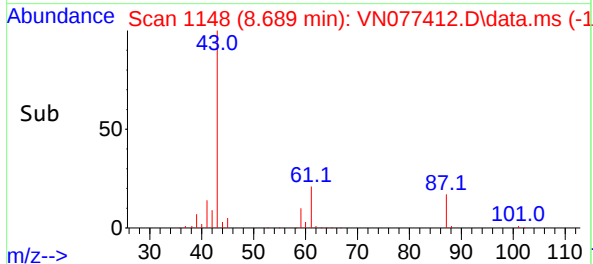
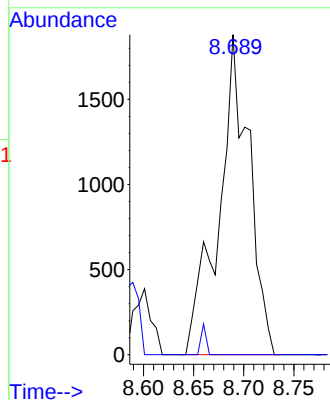
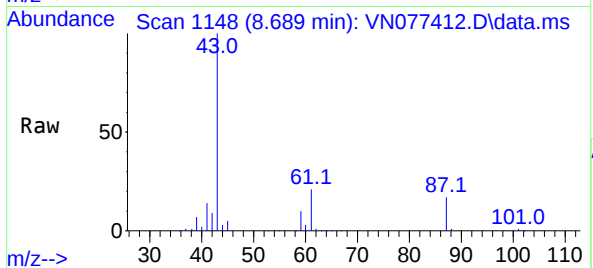




#42
1,2-Dichloroethane
Concen: 0.409 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. 0.011 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

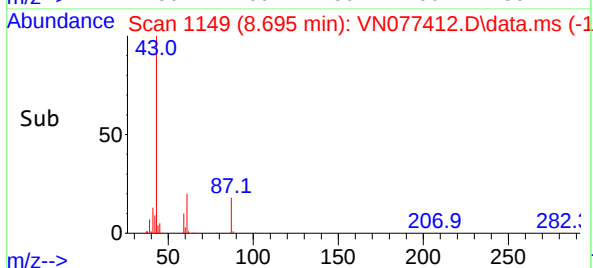
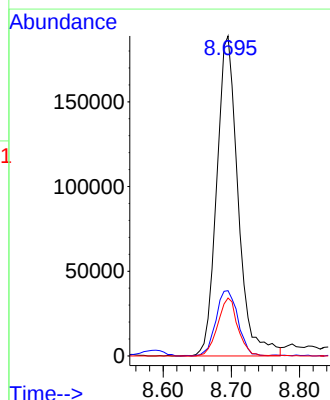
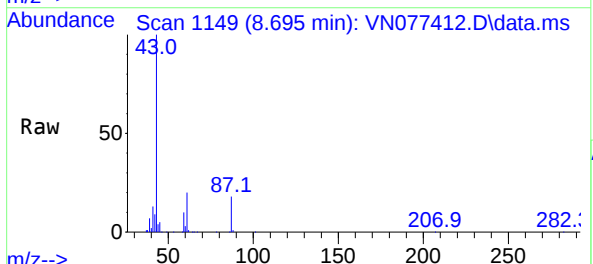
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

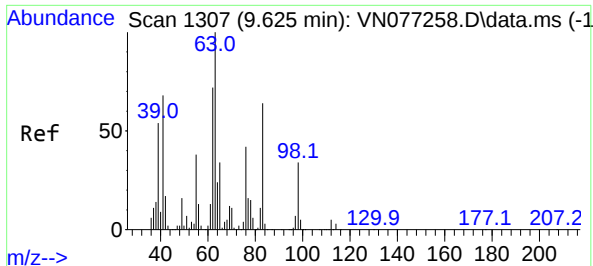
Tgt Ion: 62 Resp: 3992
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2



#43
Isopropyl Acetate
Concen: 24.528 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 43 Resp: 412060
Ion Ratio Lower Upper
43 100
61 21.2 22.7 34.1#
87 17.0 13.6 20.4

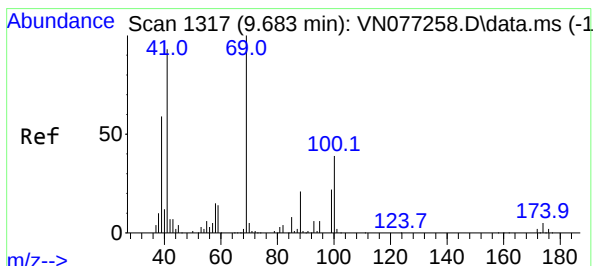
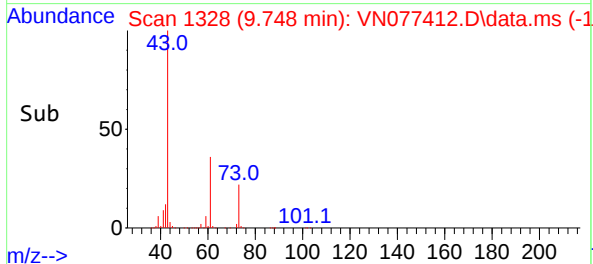
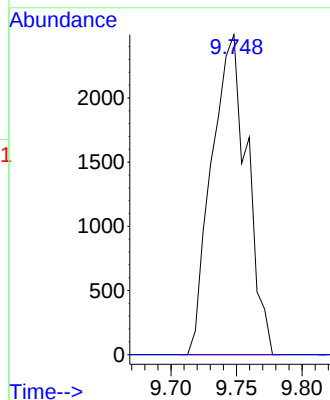
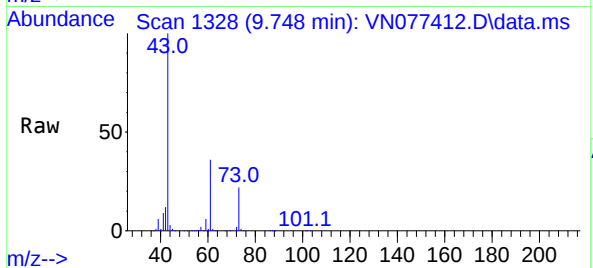




#45
1,2-Dichloropropane
Concen: 0.625 ug/l
RT: 9.748 min Scan# 11
Delta R.T. 0.123 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

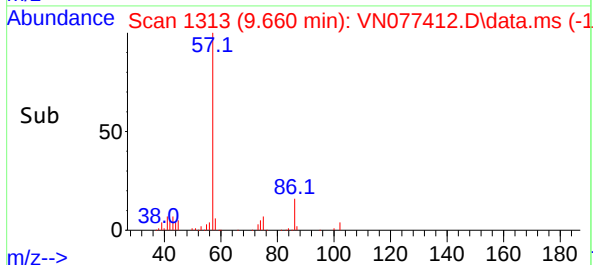
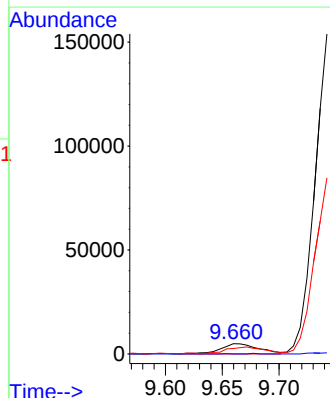
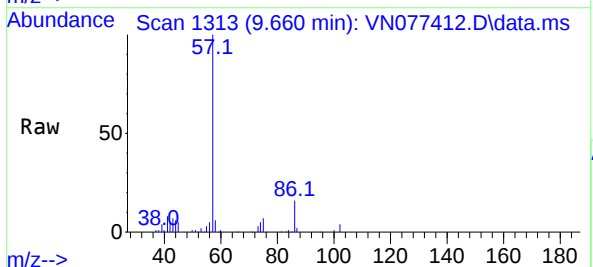
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

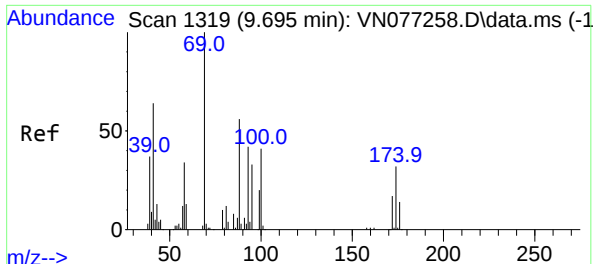
Tgt Ion: 63 Resp: 4708
Ion Ratio Lower Upper
63 100
65 0.0 27.1 40.7#



#48
Methyl methacrylate
Concen: 1.592 ug/l
RT: 9.660 min Scan# 1313
Delta R.T. -0.023 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 41 Resp: 11412
Ion Ratio Lower Upper
41 100
69 0.5 85.0 127.6#
39 0.0 53.5 80.3#

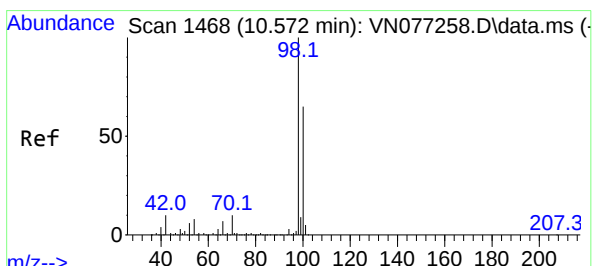
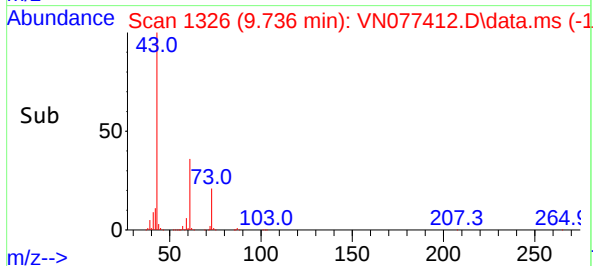
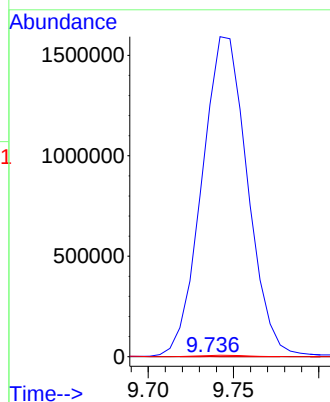
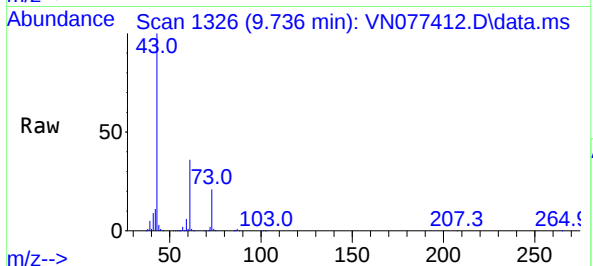




#49
1,4-Dioxane
Concen: 4.570 ug/l
RT: 9.736 min Scan# 1319
Delta R.T. 0.041 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

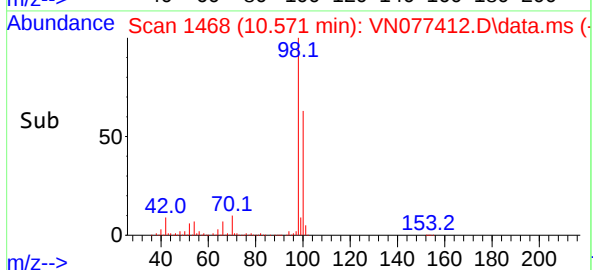
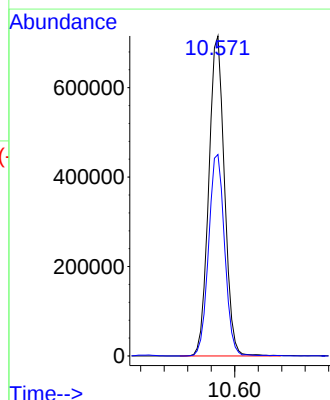
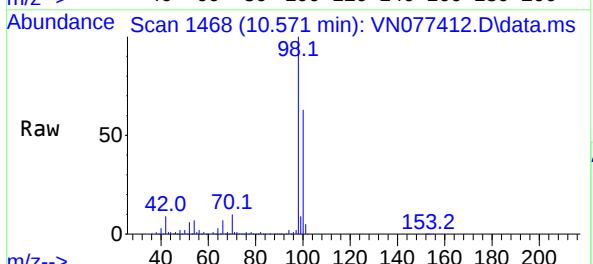
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

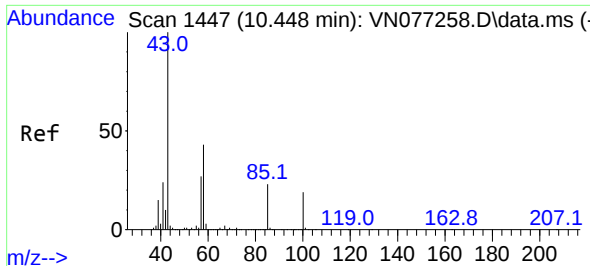
Tgt Ion: 88 Resp: 794
Ion Ratio Lower Upper
88 100
43 376306.5 17.0 25.6#
58 1695.3 49.8 74.6#



#50
Toluene-d8
Concen: 47.957 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 98 Resp: 1328283
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9

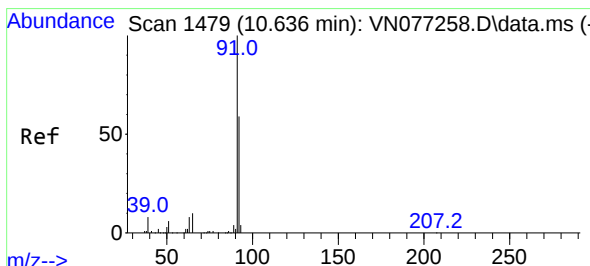
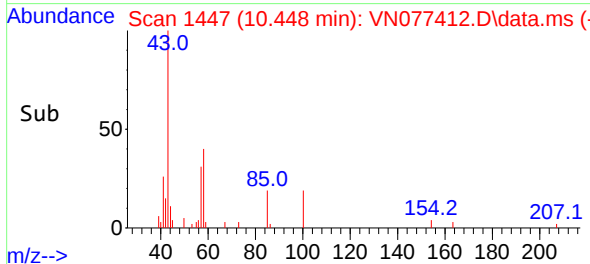
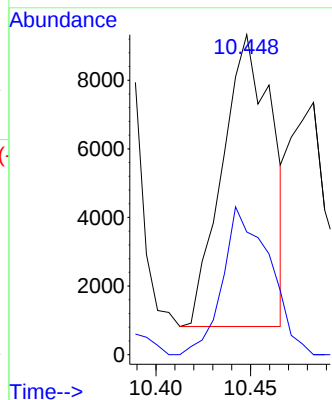
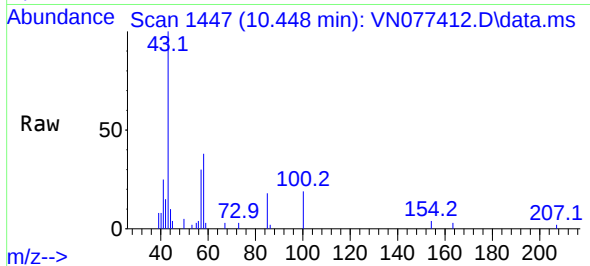




#51
4-Methyl-2-Pentanone
Concen: 1.602 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

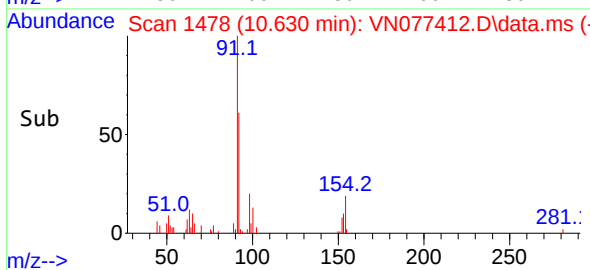
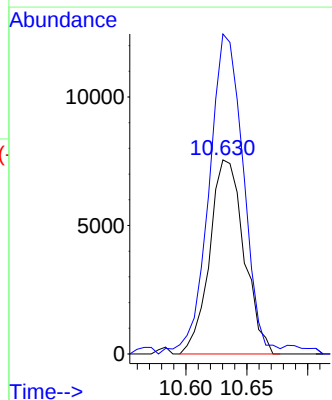
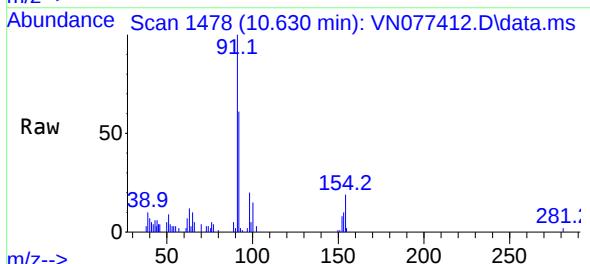
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

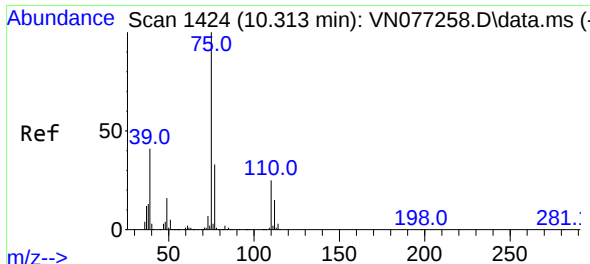
Tgt Ion: 43 Resp: 15557
Ion Ratio Lower Upper
43 100
58 47.7 34.6 52.0



#52
Toluene
Concen: 0.713 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 92 Resp: 14819
Ion Ratio Lower Upper
92 100
91 164.5 138.0 207.0

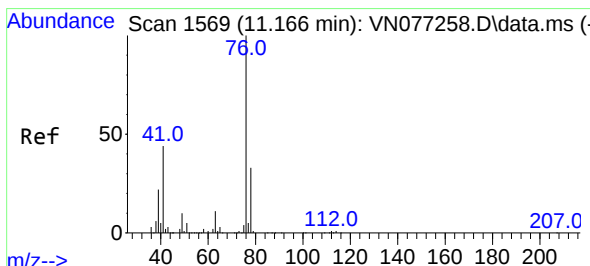
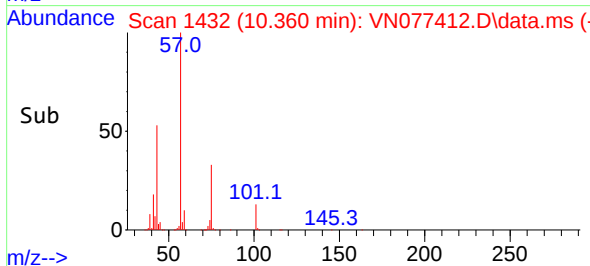
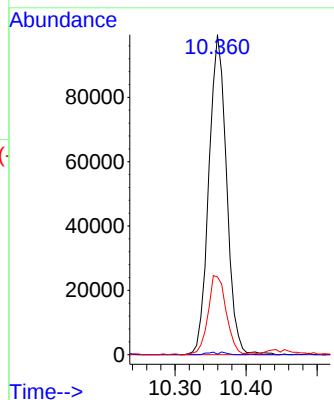
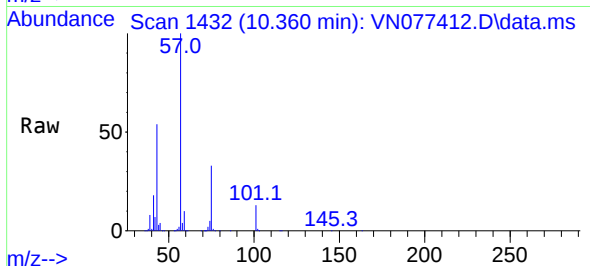




#54
cis-1,3-Dichloropropene
Concen: 13.136 ug/l
RT: 10.360 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

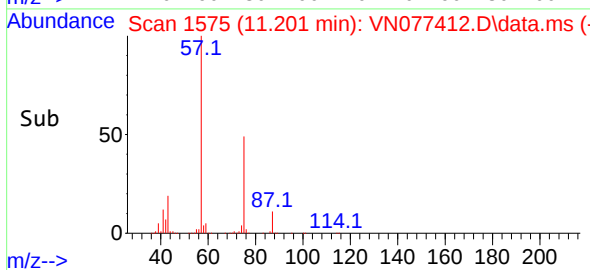
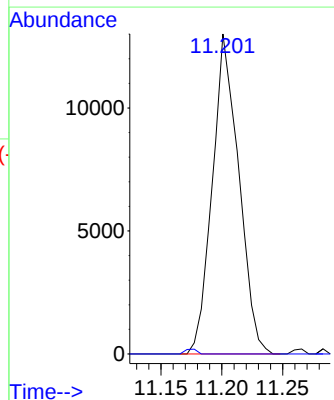
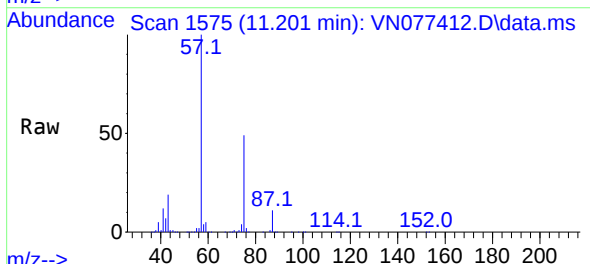
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

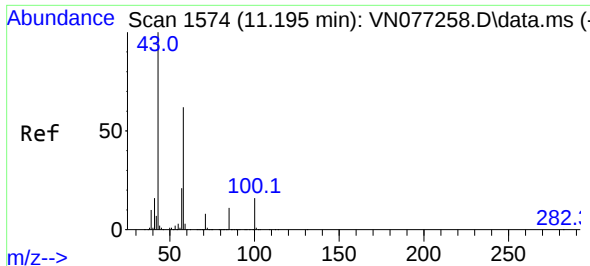
Tgt Ion: 75 Resp: 172484
Ion Ratio Lower Upper
75 100
77 0.2 26.7 40.1#
39 24.3 32.8 49.2#



#57
1,3-Dichloropropane
Concen: 1.459 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.035 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 76 Resp: 19657
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.4#

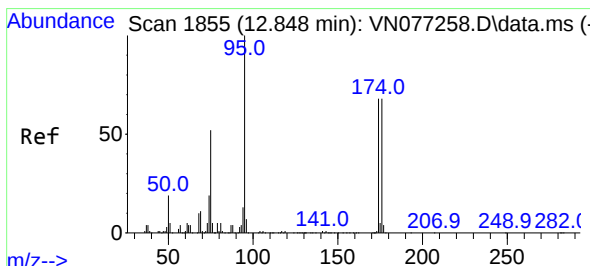
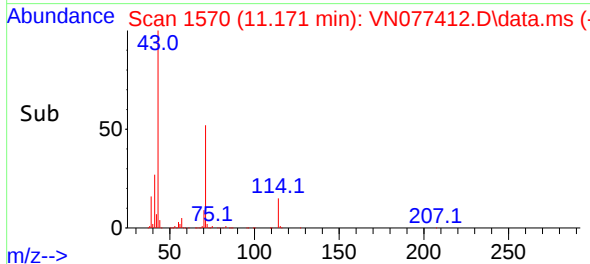
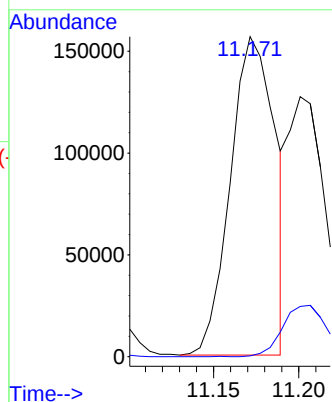
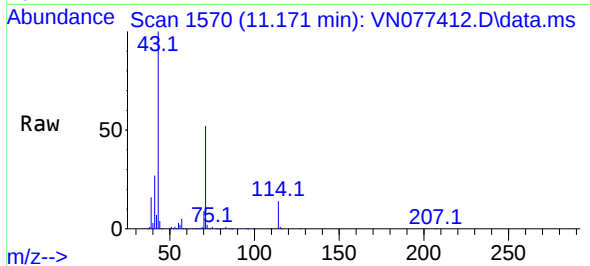




#59
2-Hexanone
Concen: 39.401 ug/l
RT: 11.171 min Scan# 11170
Delta R.T. -0.024 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

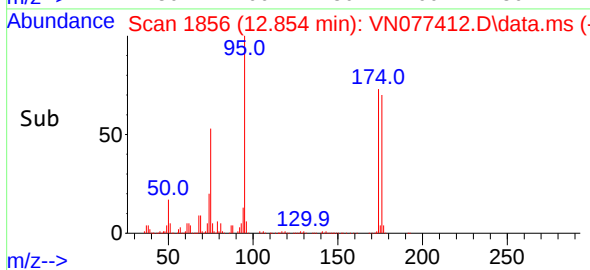
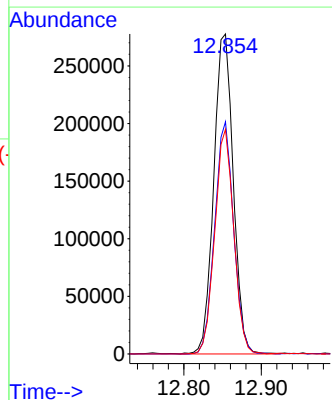
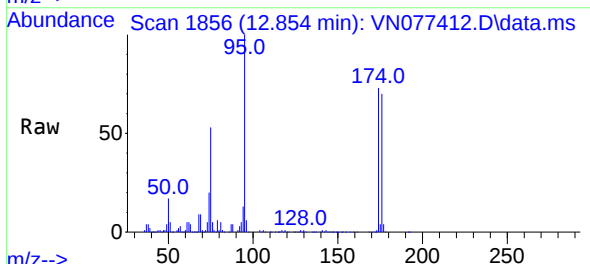
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

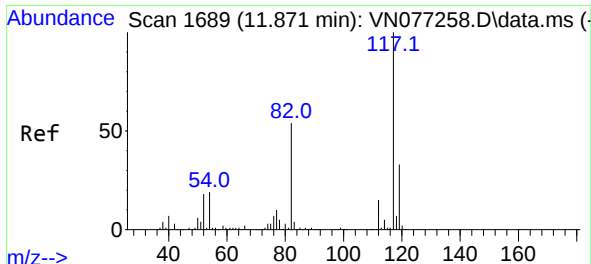
Tgt Ion: 43 Resp: 285044
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.5#



#62
4-Bromofluorobenzene
Concen: 52.739 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

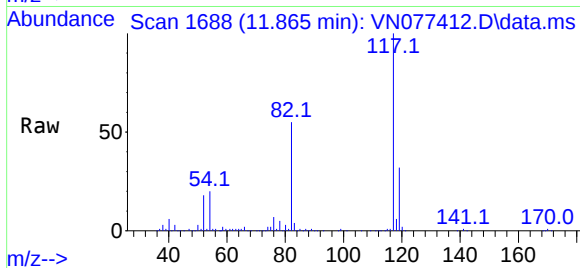
Tgt Ion: 95 Resp: 485825
Ion Ratio Lower Upper
95 100
174 70.7 0.0 146.8
176 68.2 0.0 139.6





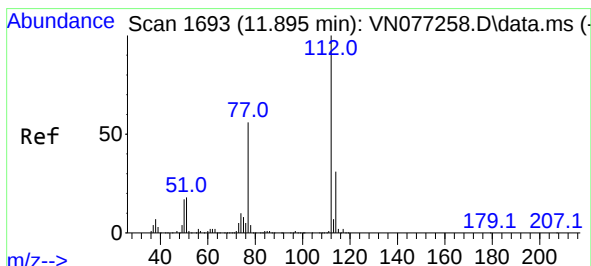
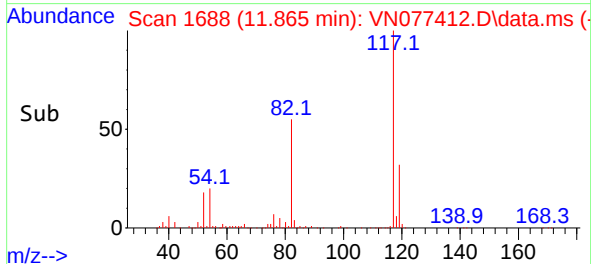
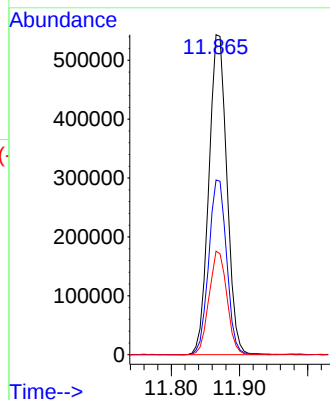
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17



Tgt Ion:117 Resp: 1000384

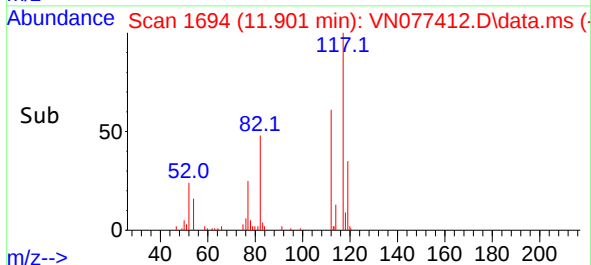
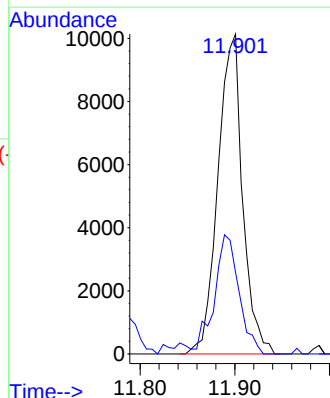
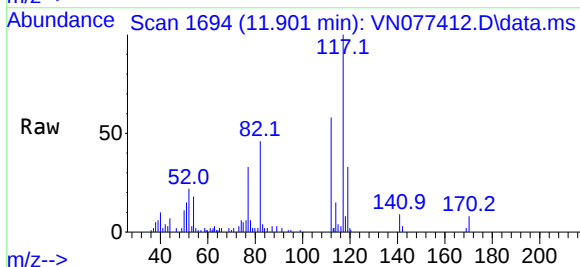
Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.9	64.3
119	32.4	26.2	39.4

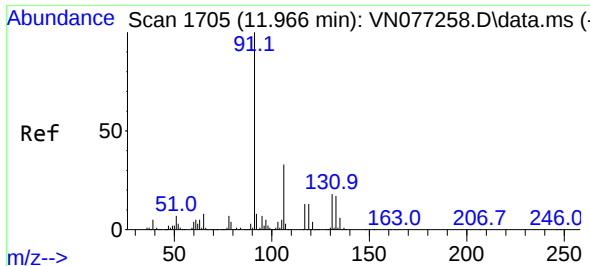


#65
Chlorobenzene
Concen: 0.835 ug/l
RT: 11.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion:112 Resp: 18384

Ion	Ratio	Lower	Upper
112	100		
114	25.5	24.6	36.8

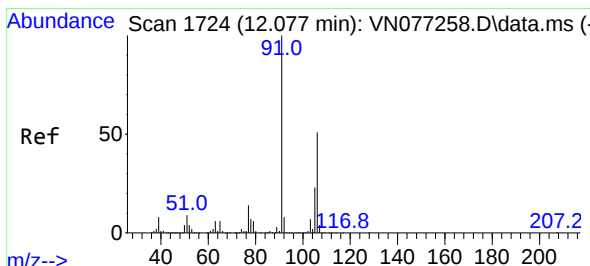
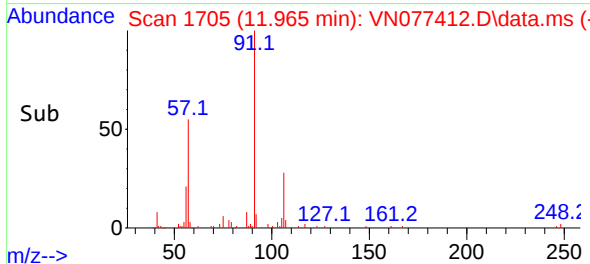
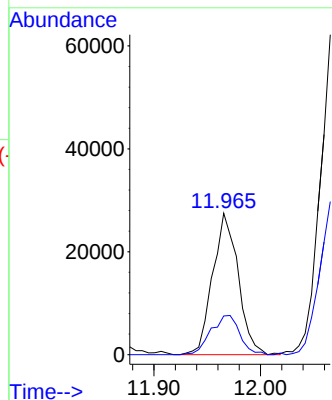
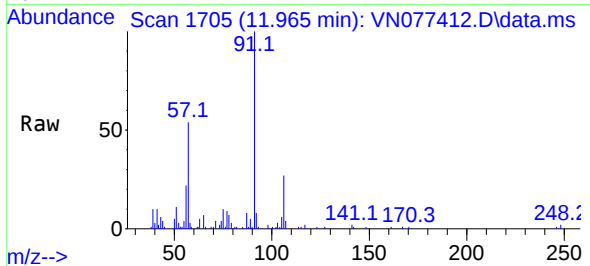




#67
Ethyl Benzene
Concen: 1.127 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

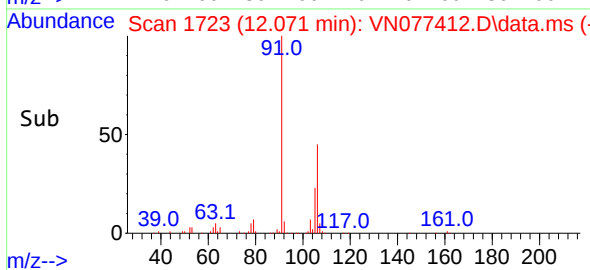
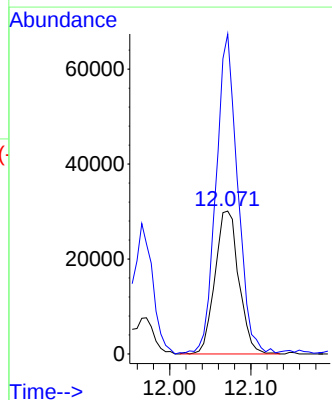
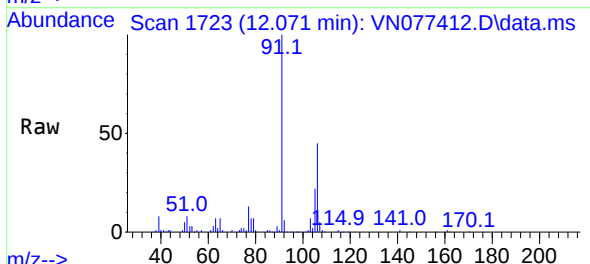
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

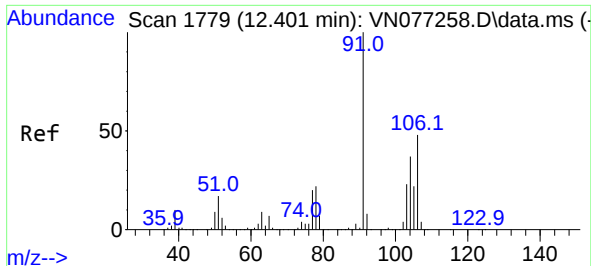
Tgt Ion: 91 Resp: 45795
Ion Ratio Lower Upper
91 100
106 27.4 26.2 39.2



#68
m/p-Xylenes
Concen: 3.851 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 106 Resp: 61504
Ion Ratio Lower Upper
106 100
91 201.0 158.7 238.1

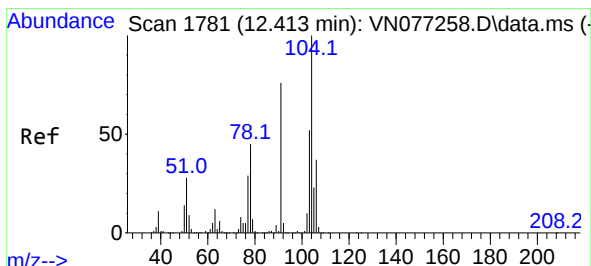
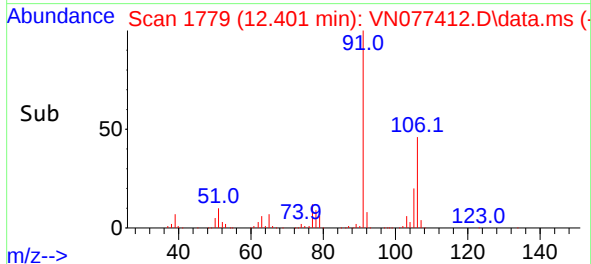
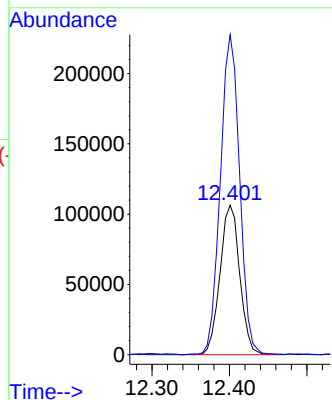
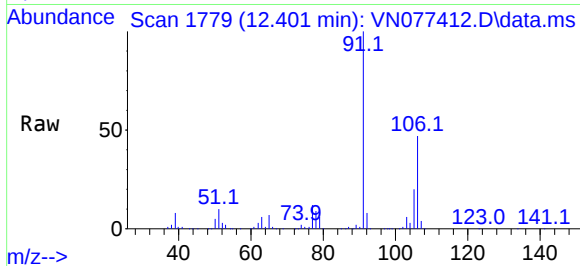




#69
o-Xylene
Concen: 11.978 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

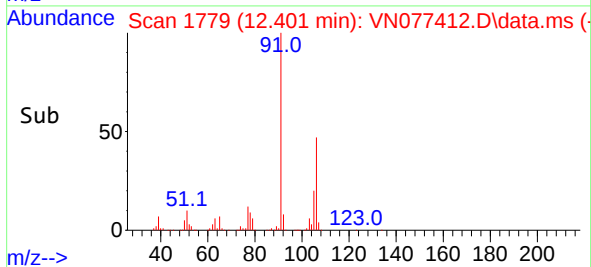
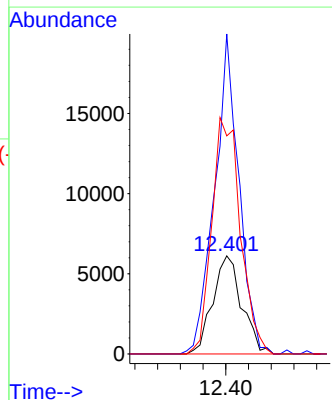
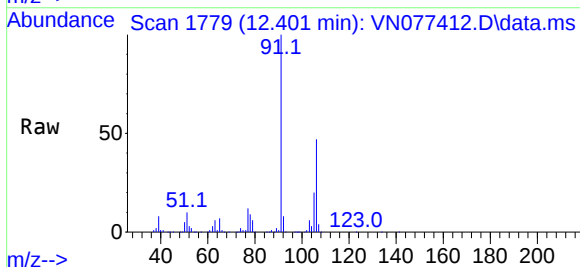
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

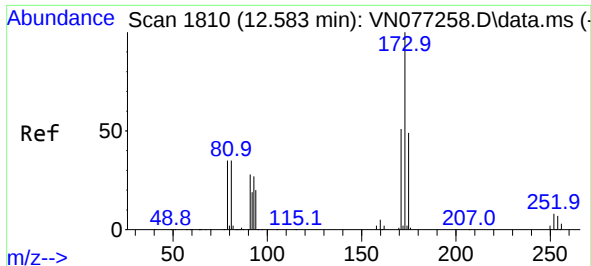
Tgt Ion:106 Resp: 188707
Ion Ratio Lower Upper
106 100
91 209.5 104.0 312.0



#70
Styrene
Concen: 0.431 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.012 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion:104 Resp: 10927
Ion Ratio Lower Upper
104 100
78 272.7 38.0 57.0#
103 235.7 43.1 64.7#

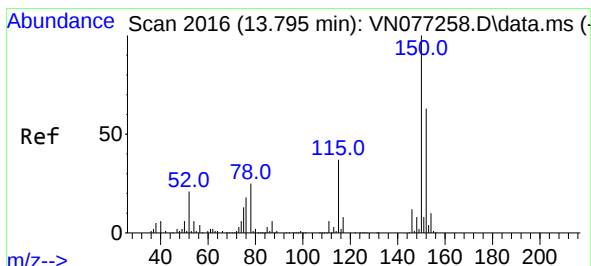
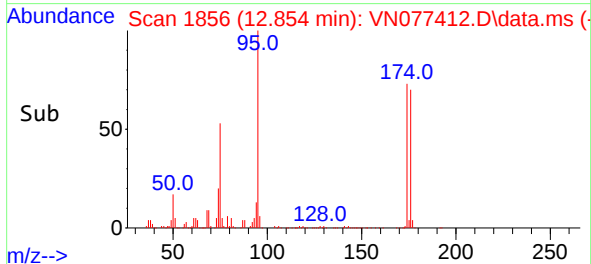
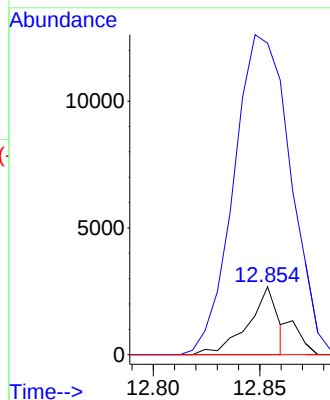
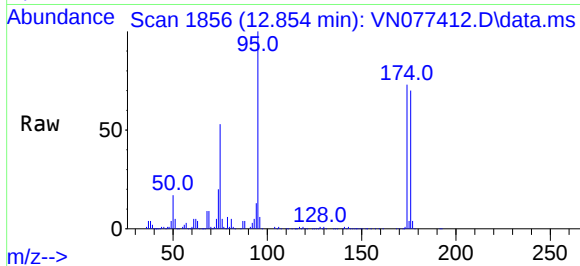




#71
Bromoform
Concen: 0.441 ug/l
RT: 12.854 min Scan# 1810
Delta R.T. 0.271 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

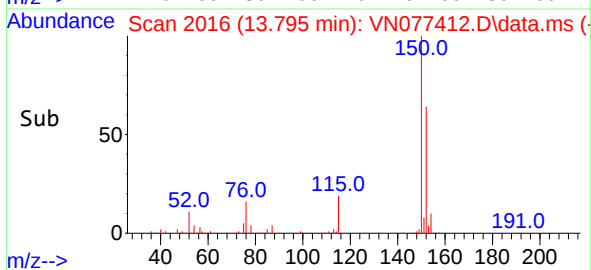
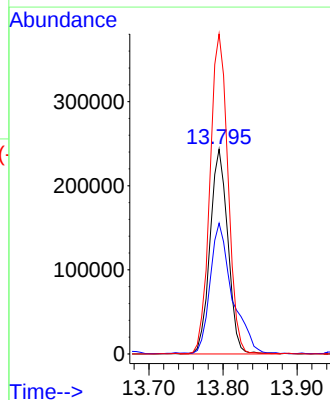
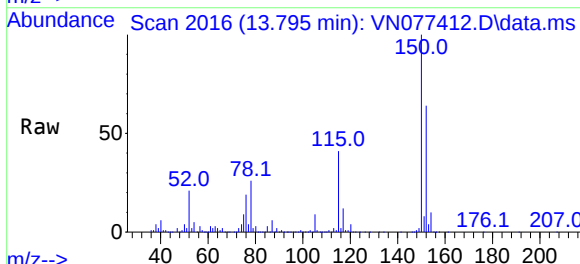
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

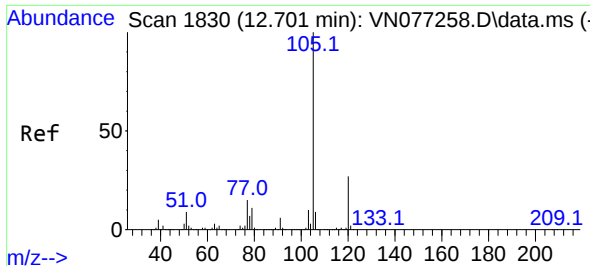
Tgt Ion:173 Resp: 2589
Ion Ratio Lower Upper
173 100
175 751.4 24.1 72.4#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion:152 Resp: 407107
Ion Ratio Lower Upper
152 100
115 78.8 32.1 96.3
150 157.4 0.0 354.8

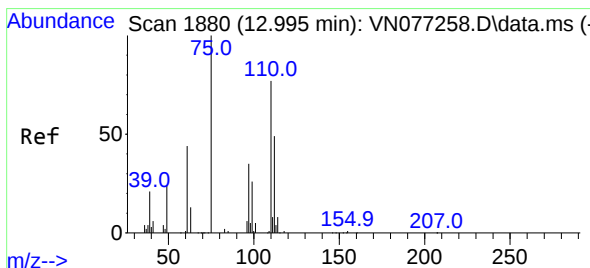
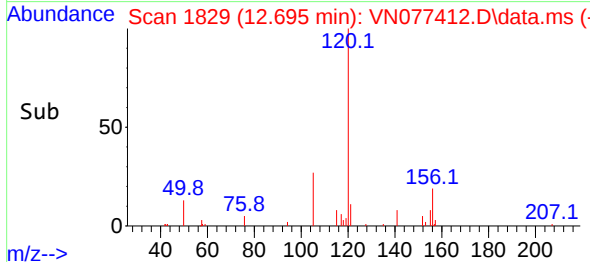
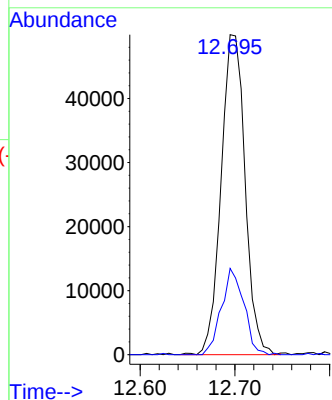
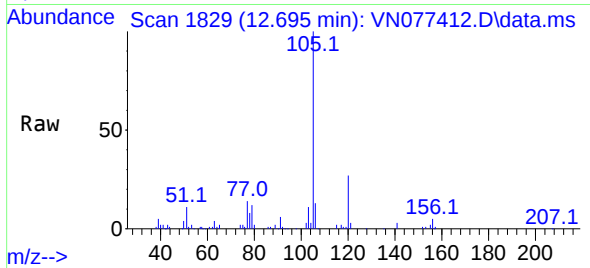




#73
Isopropylbenzene
Concen: 2.224 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

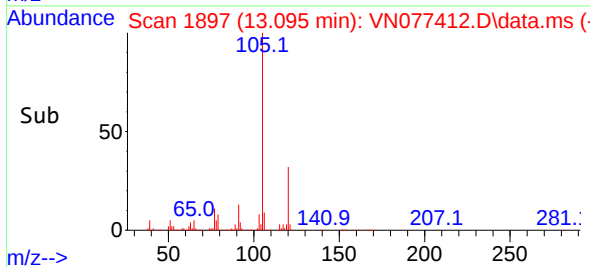
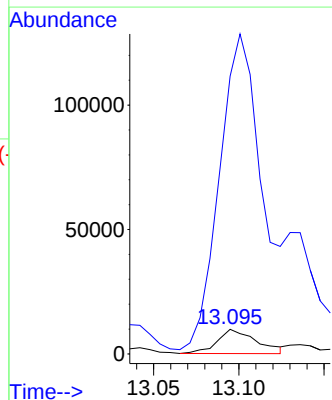
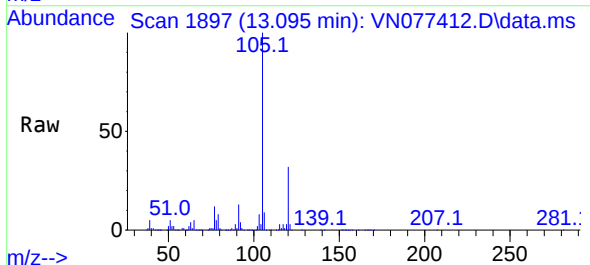
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

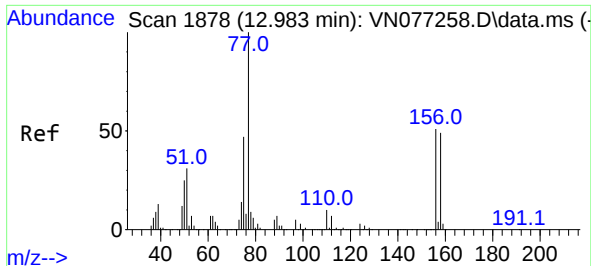
Tgt Ion:105 Resp: 87927
Ion Ratio Lower Upper
105 100
120 25.3 13.2 39.6



#76
1,2,3-Trichloropropane
Concen: 1.608 ug/l
RT: 13.095 min Scan# 1897
Delta R.T. 0.100 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 75 Resp: 15593
Ion Ratio Lower Upper
75 100
77 1416.4 88.3 264.9#

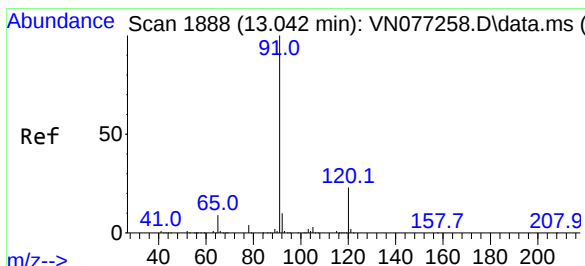
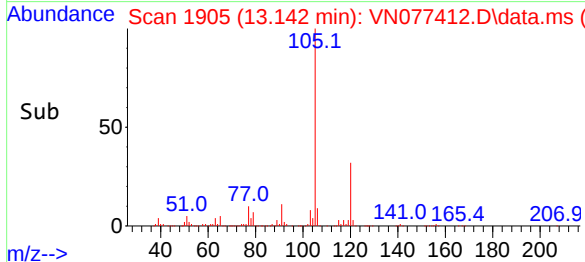
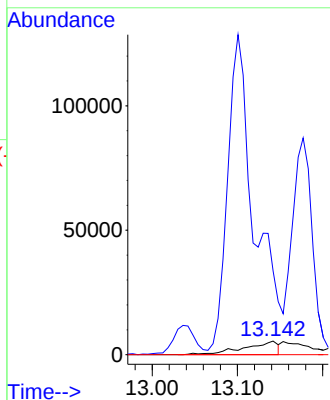
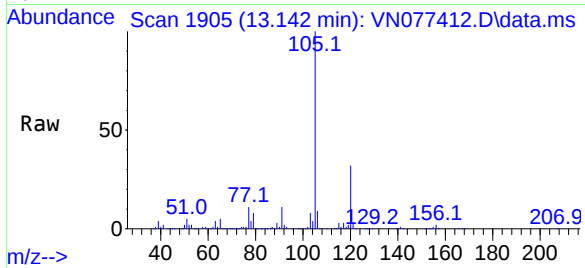




#77
Bromobenzene
Concen: 1.831 ug/l
RT: 13.142 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

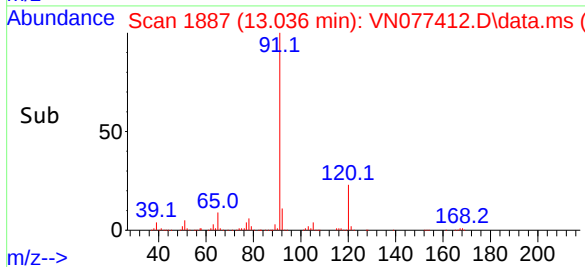
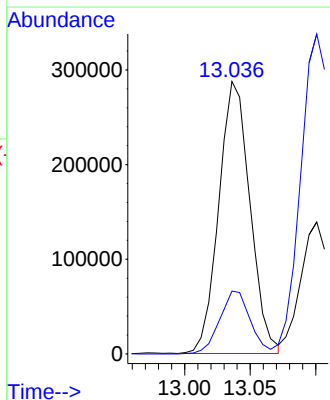
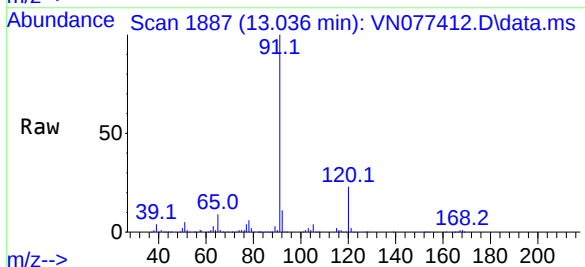
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

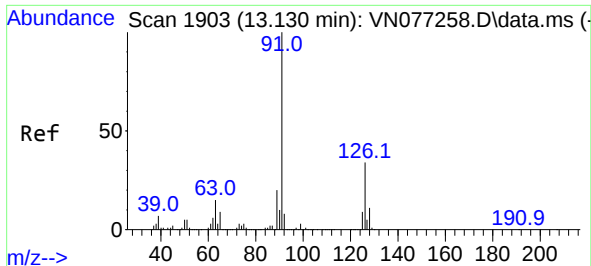
Tgt Ion:156 Resp: 14725
Ion Ratio Lower Upper
156 100
77 0.0 115.3 345.8#
158 0.0 49.3 147.8#



#78
n-propylbenzene
Concen: 10.894 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 91 Resp: 475967
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5

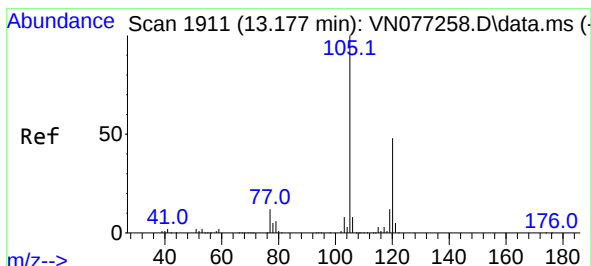
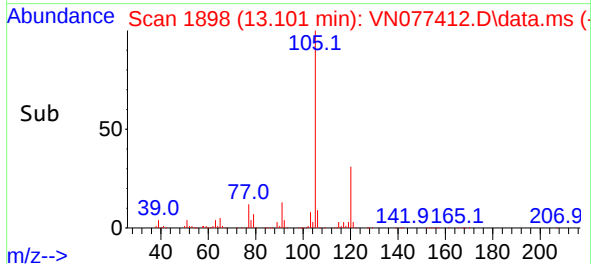
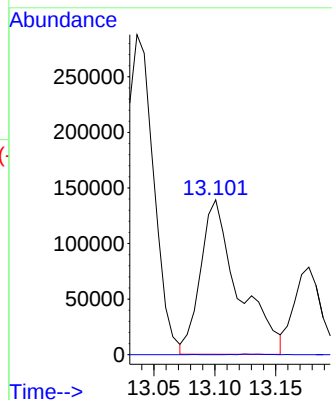
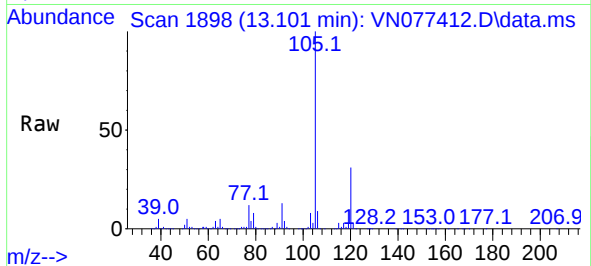




#79
2-Chlorotoluene
Concen: 11.459 ug/l
RT: 13.101 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

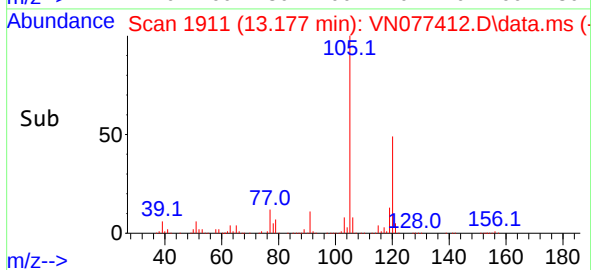
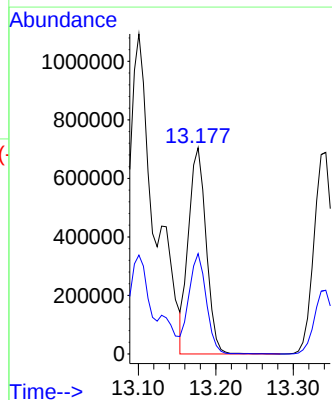
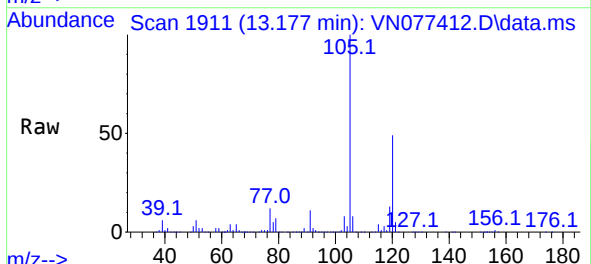
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

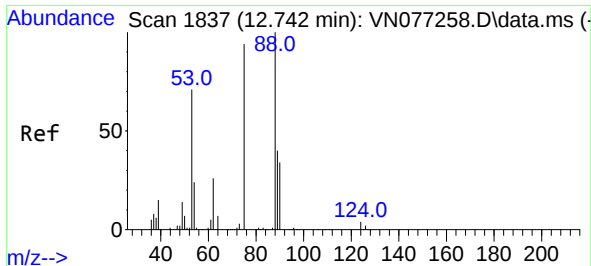
Tgt Ion: 91 Resp: 301460
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#



#80
1,3,5-Trimethylbenzene
Concen: 35.250 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 105 Resp: 1113289
Ion Ratio Lower Upper
105 100
120 48.1 24.3 73.0

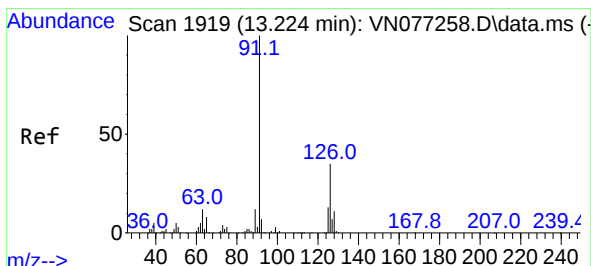
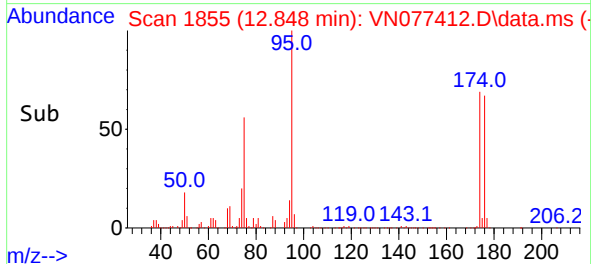
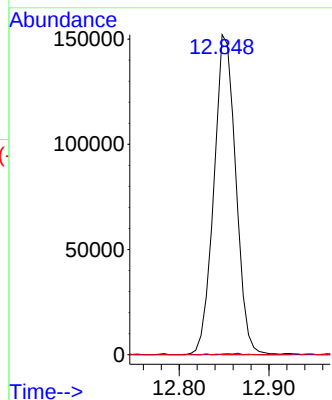
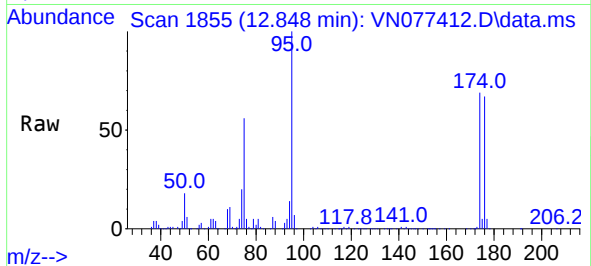




#81
trans-1,4-Dichloro-2-butene
Concen: 59.844 ug/l
RT: 12.848 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

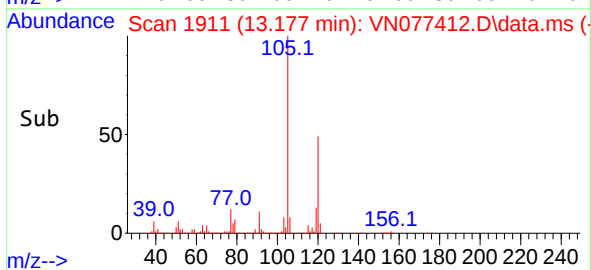
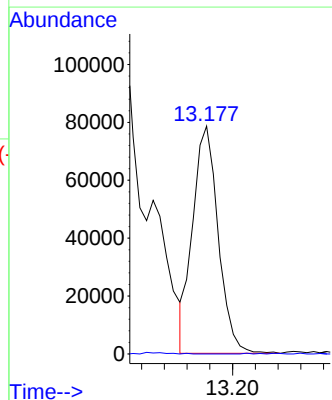
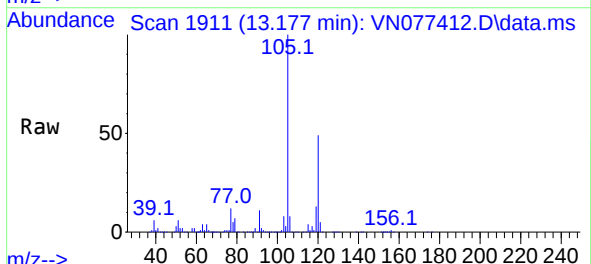
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

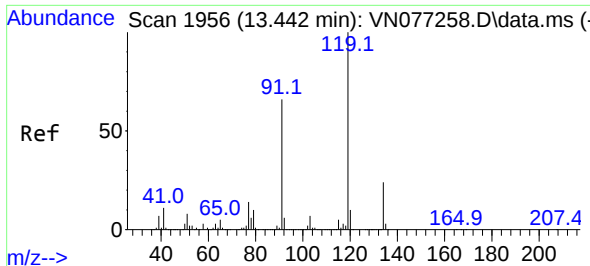
Tgt Ion: 75 Resp: 257804
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.0 37.4 56.2#



#82
4-Chlorotoluene
Concen: 4.925 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.047 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 91 Resp: 122152
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#

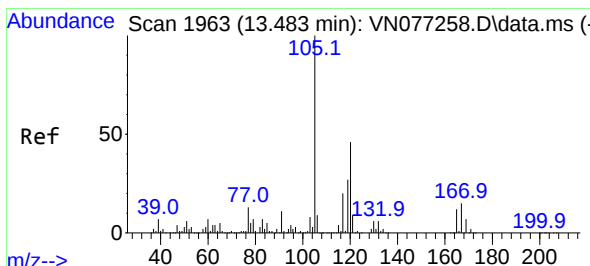
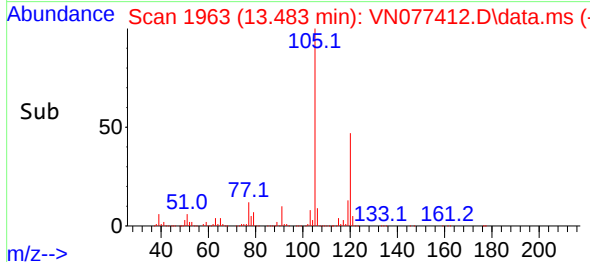
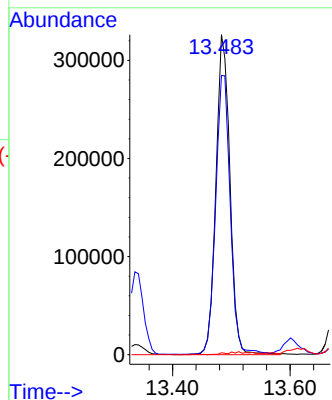
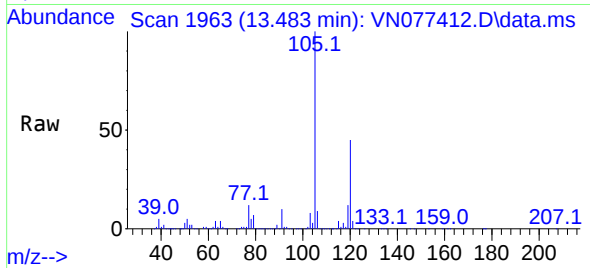




#83
tert-Butylbenzene
Concen: 19.160 ug/l
RT: 13.483 min Scan# 1956
Delta R.T. 0.041 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

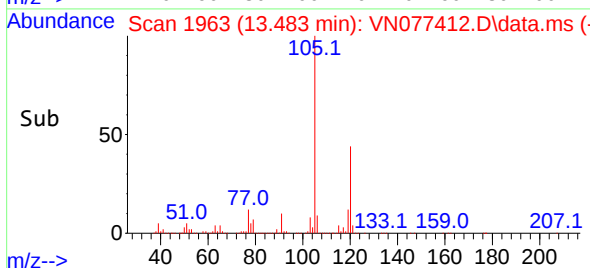
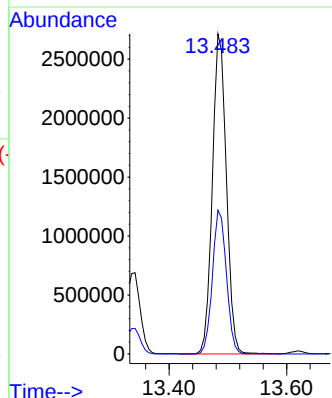
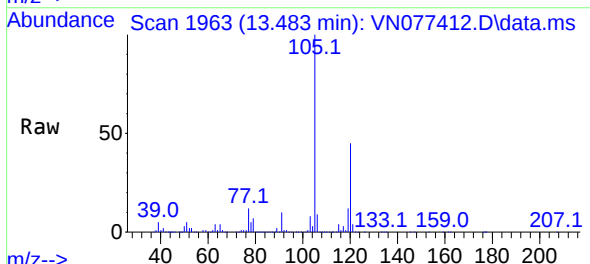
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

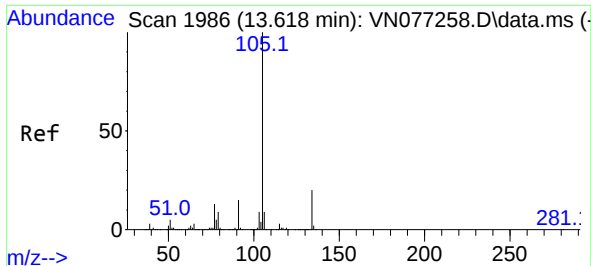
Tgt Ion:119 Resp: 538625
Ion Ratio Lower Upper
119 100
91 91.1 33.5 100.4
134 0.0 13.3 39.9#



#84
1,2,4-Trimethylbenzene
Concen: 143.502 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion:105 Resp: 4477464
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5

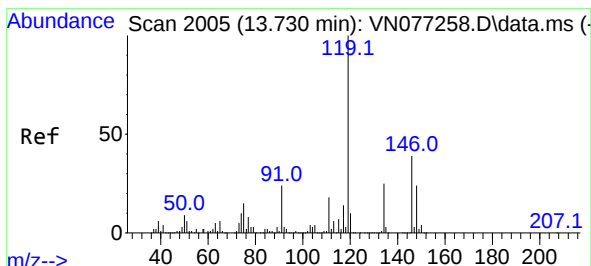
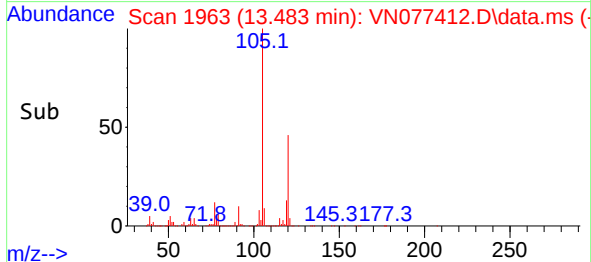
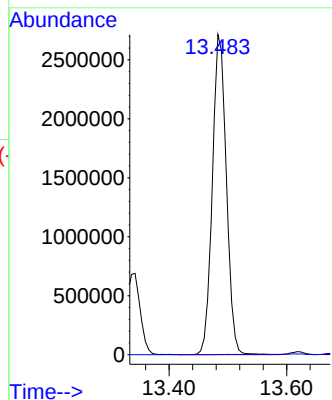
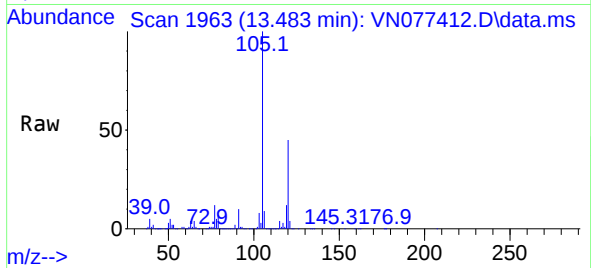




#85
 sec-Butylbenzene
 Concen: 114.286 ug/l
 RT: 13.483 min Scan# 1996
 Delta R.T. -0.135 min
 Lab File: VN077412.D
 Acq: 20 Apr 2023 20:00

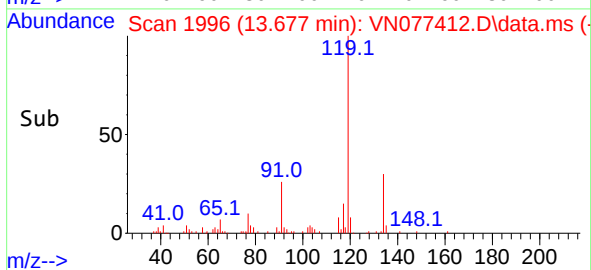
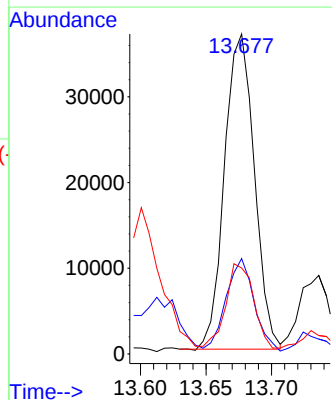
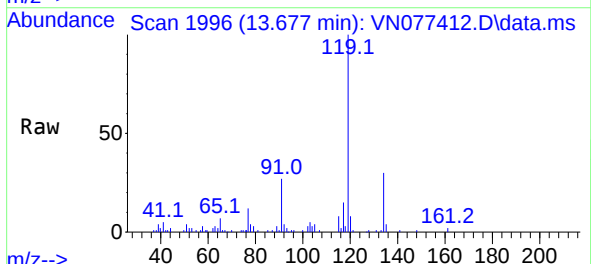
Instrument :
 MSVOA_N
 ClientSampleId :
 SPB-6WC-23-04-17

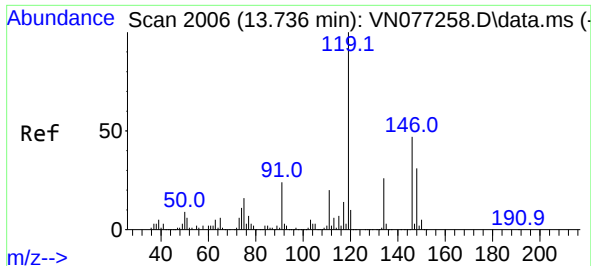
Tgt Ion:105 Resp: 4477464
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 1.893 ug/l
 RT: 13.677 min Scan# 1996
 Delta R.T. -0.053 min
 Lab File: VN077412.D
 Acq: 20 Apr 2023 20:00

Tgt Ion:119 Resp: 58299
 Ion Ratio Lower Upper
 119 100
 134 27.8 12.9 38.6
 91 0.0 12.3 36.8#

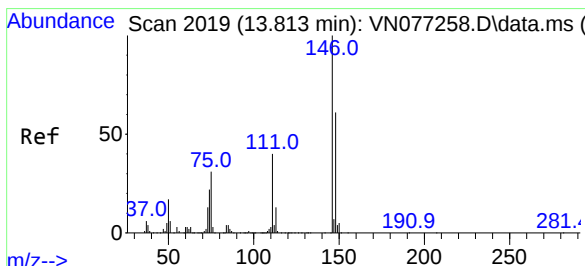
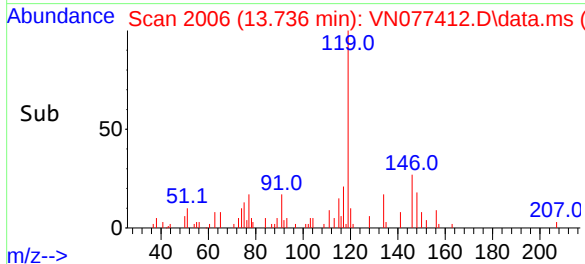
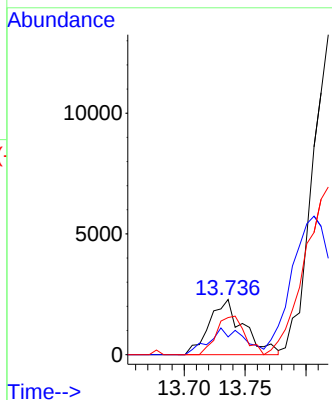
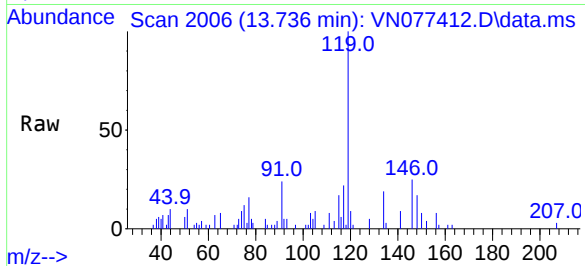




#87
1,3-Dichlorobenzene
Concen: 0.300 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

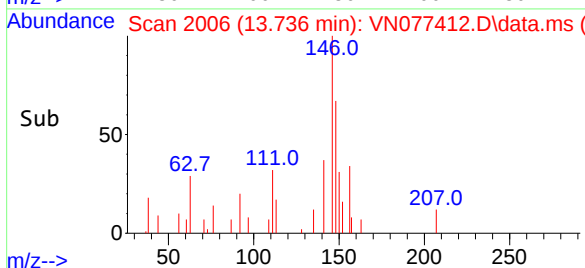
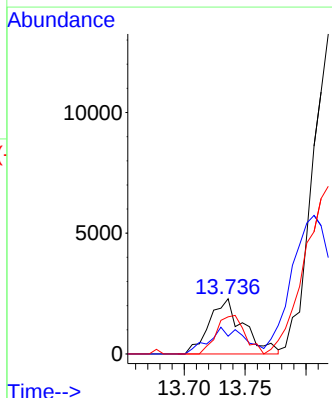
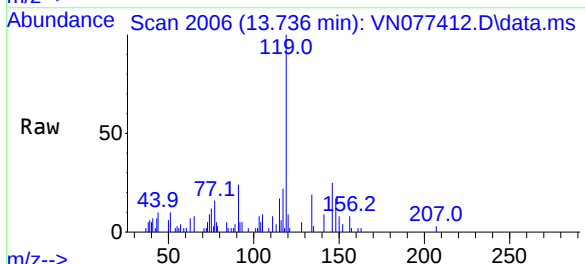
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

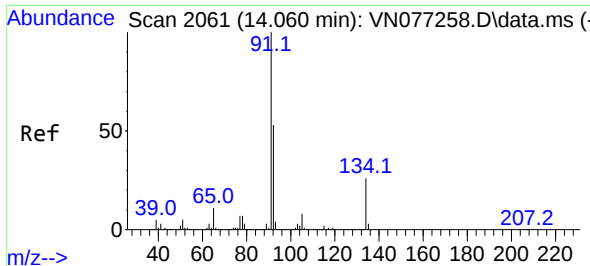
Tgt Ion:146 Resp: 4463
Ion Ratio Lower Upper
146 100
111 50.8 21.8 65.4
148 57.8 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 0.304 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.077 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion:146 Resp: 4463
Ion Ratio Lower Upper
146 100
111 50.8 20.4 61.2
148 57.8 31.6 95.0

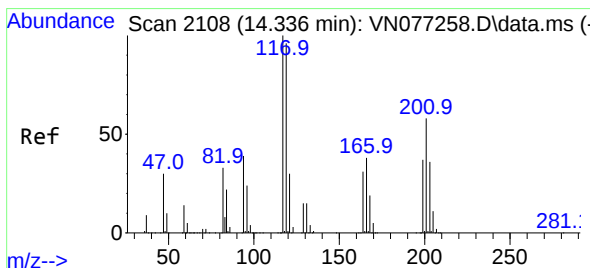
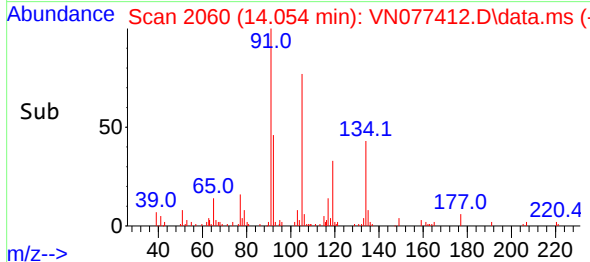
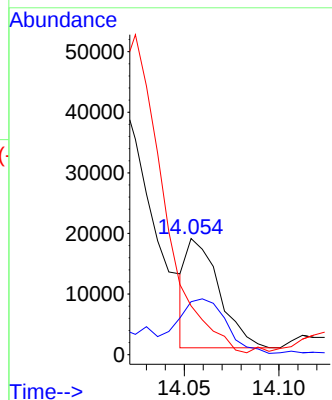
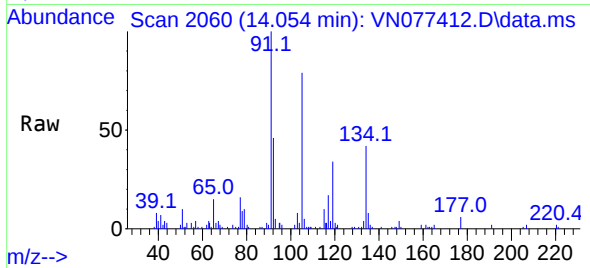




#89
n-Butylbenzene
Concen: 0.836 ug/l
RT: 14.054 min Scan# 2061
Delta R.T. -0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

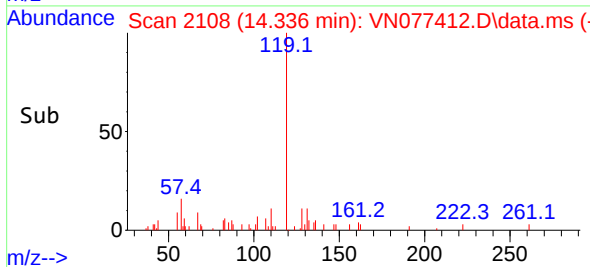
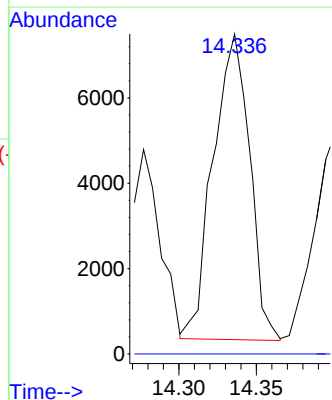
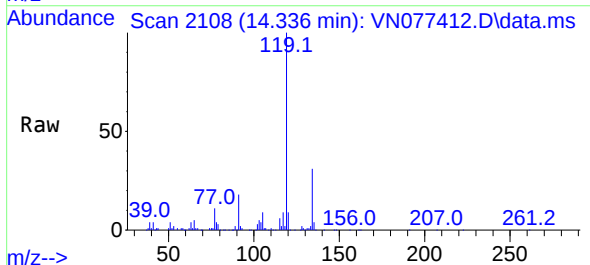
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

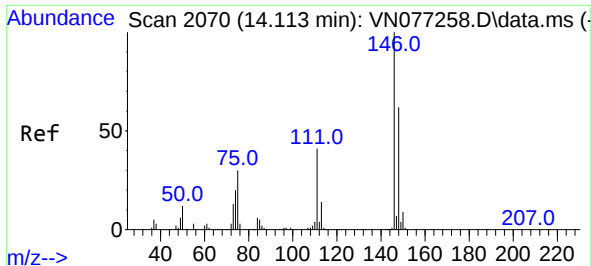
Tgt Ion: 91 Resp: 21379
Ion Ratio Lower Upper
91 100
92 73.8 26.7 80.0
134 0.0 12.8 38.3#



#90
Hexachloroethane
Concen: 1.744 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 117 Resp: 11740
Ion Ratio Lower Upper
117 100
201 0.0 29.8 89.5#

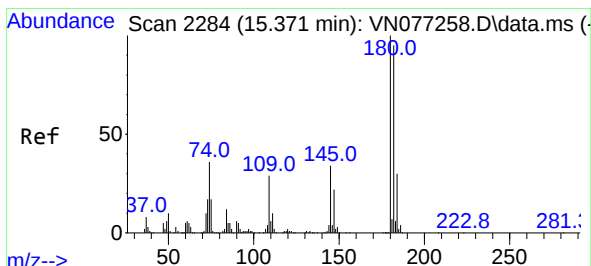
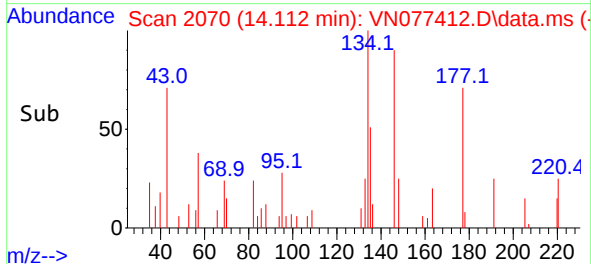
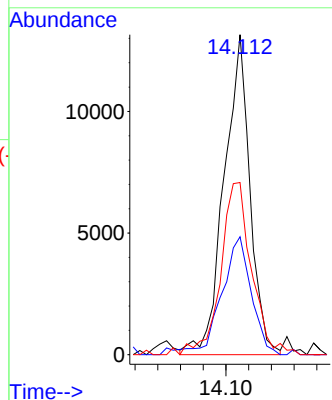
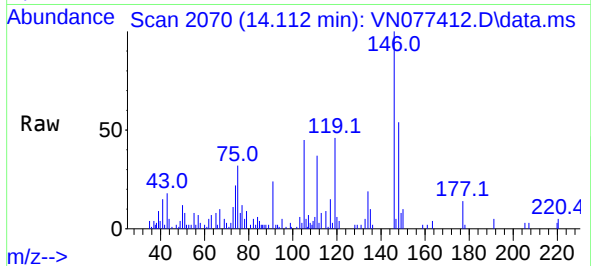




#91
1,2-Dichlorobenzene
Concen: 1.395 ug/l
RT: 14.112 min Scan# 2070
Delta R.T. -0.001 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

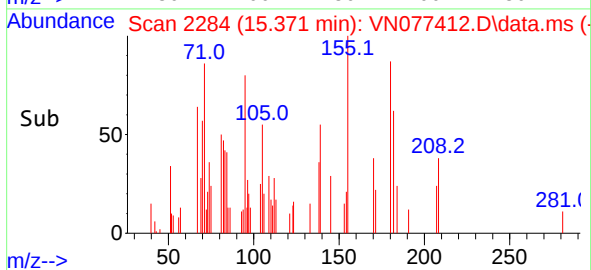
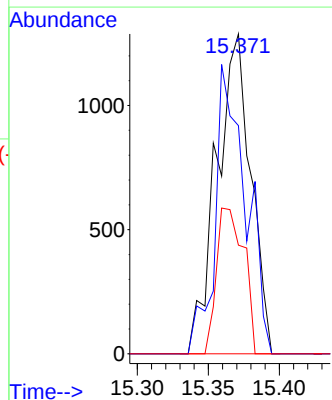
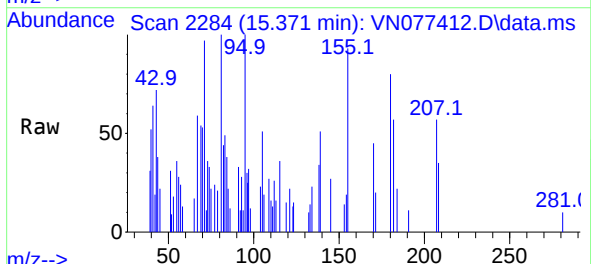
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

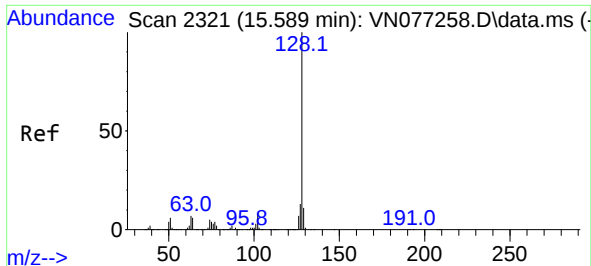
Tgt Ion:	146	Resp:	20763
Ion Ratio	Lower	Upper	
146	100		
111	43.0	21.9	65.5
148	64.6	31.9	95.5



#93
1,2,4-Trichlorobenzene
Concen: 0.403 ug/l
RT: 15.371 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

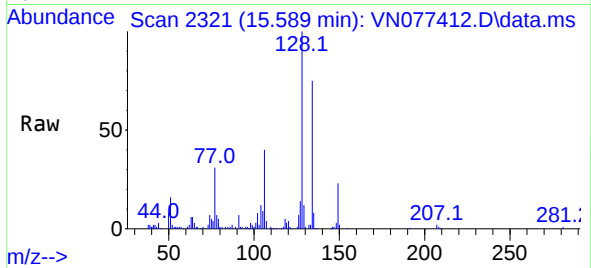
Tgt Ion:	180	Resp:	2165
Ion Ratio	Lower	Upper	
180	100		
182	80.8	46.7	140.0
145	36.2	16.6	49.8





#95
Naphthalene
Concen: 3.863 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17



Tgt Ion:	128	Resp:	77949
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	12.9	8.9	13.3

