

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077411.D
 Acq On : 20 Apr 2023 19:36
 Operator : JC\MD
 Sample : 02386-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPA-5WC-23-04

Quant Time: Apr 21 02:42:00 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	8.231	168	534920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1019174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	916012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	386248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	347381	47.515	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.040%		
35) Dibromofluoromethane	8.172	113	307031	47.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.120%		
50) Toluene-d8	10.572	98	1252946	47.704	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.400%		
62) 4-Bromofluorobenzene	12.854	95	451960	51.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.480%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.519	62	3261	0.284	ug/l #	88
11) Tert butyl alcohol	5.525	59	6050	4.055	ug/l #	80
13) Acrolein	4.184	56	354	0.251	ug/l #	1
16) Acetone	4.449	43	107314	39.811	ug/l	97
17) Carbon Disulfide	4.725	76	4953	0.293	ug/l #	63
18) Methyl Acetate	5.037	43	9537	0.929	ug/l	90
20) Methylene Chloride	5.290	84	19436	2.553	ug/l #	90
25) 2-Butanone	7.501	43	29443	6.730	ug/l	96
27) cis-1,2-Dichloroethene	7.501	96	6418	0.766	ug/l	78
29) Tetrahydrofuran	7.848	42	1199	0.426	ug/l #	62
31) Cyclohexane	8.242	56	19893	1.751	ug/l #	55
36) 1,1-Dichloropropene	8.225	75	44622	4.624	ug/l #	49
37) Ethyl Acetate	7.566	43	94281	10.920	ug/l	95
38) Carbon Tetrachloride	8.231	117	59276	5.996	ug/l #	14
39) Methylcyclohexane	9.607	83	39877	3.065	ug/l	91
40) Benzene	8.613	78	2993179	99.446	ug/l	99
42) 1,2-Dichloroethane	8.684	62	3627	0.392	ug/l #	73
43) Isopropyl Acetate	8.695	43	415356	26.072	ug/l #	92
44) Trichloroethene	9.354	130	2638	0.366	ug/l	63
48) Methyl methacrylate	9.742	41	277385	40.816	ug/l #	32
49) 1,4-Dioxane	9.678	88	302	1.833	ug/l #	1
51) 4-Methyl-2-Pentanone	10.442	43	26752	2.905	ug/l #	83
52) Toluene	10.631	92	1472006	74.718	ug/l	99
54) cis-1,3-Dichloropropene	10.360	75	163391	13.122	ug/l #	62
55) 1,1,2-Trichloroethane	11.013	97	6251	0.808	ug/l #	26
57) 1,3-Dichloropropane	11.207	76	19051	1.491	ug/l #	42
59) 2-Hexanone	11.172	43	282306	41.150	ug/l #	20
65) Chlorobenzene	11.895	112	3560899	176.570	ug/l	97
67) Ethyl Benzene	11.966	91	11132730	299.150	ug/l	99
68) m/p-Xylenes	12.072	106	7353260	502.876	ug/l	98
69) o-Xylene	12.401	106	2757286	191.141	ug/l	100
70) Styrene	12.401	104	182426	7.859	ug/l #	1
71) Bromoform	12.848	173	1927	0.359	ug/l #	1
73) Isopropylbenzene	12.695	105	560294	14.935	ug/l	100
74) N-amyl acetate	12.466	43	4934	0.347	ug/l #	48
76) 1,2,3-Trichloropropane	13.095	75	20770	2.258	ug/l #	1

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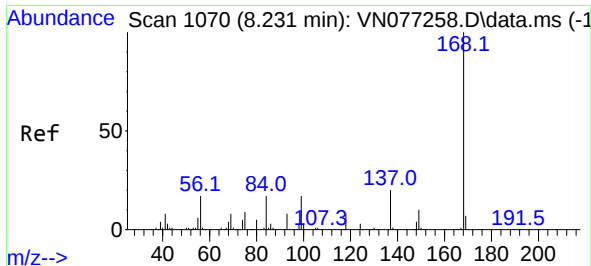
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

77) Bromobenzene	12.983	156	1785	0.234	ug/l #	1
78) n-propylbenzene	13.036	91	742130	17.903	ug/l	99
79) 2-Chlorotoluene	13.101	91	261033	10.458	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.177	105	1131020	37.746	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.701	75	7887	1.930	ug/l #	58
82) 4-Chlorotoluene	13.177	91	109400	4.649	ug/l #	41
83) tert-Butylbenzene	13.442	119	100763	3.778	ug/l	93
84) 1,2,4-Trimethylbenzene	13.483	105	4003707	135.248	ug/l	100
85) sec-Butylbenzene	13.483	105	4003707	107.712	ug/l #	57
86) p-Isopropyltoluene	13.730	119	299259	10.244	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	380387	26.954	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	1768372	127.065	ug/l	98
89) n-Butylbenzene	14.060	91	54527	2.248	ug/l #	81
90) Hexachloroethane	14.336	117	36095	5.651	ug/l #	21
91) 1,2-Dichlorobenzene	14.107	146	1993045	141.169	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.695	75	3061	1.372	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.365	180	58641	11.506	ug/l	91
95) Naphthalene	15.589	128	2184068	114.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	8282	1.699	ug/l #	80

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

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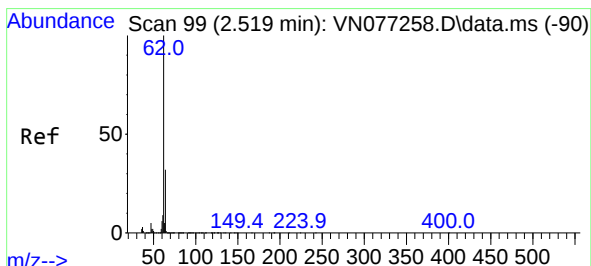
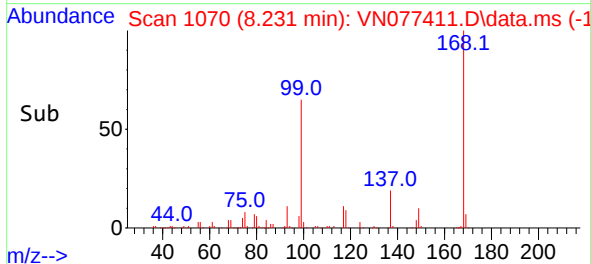
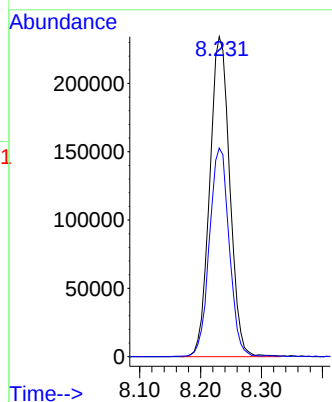
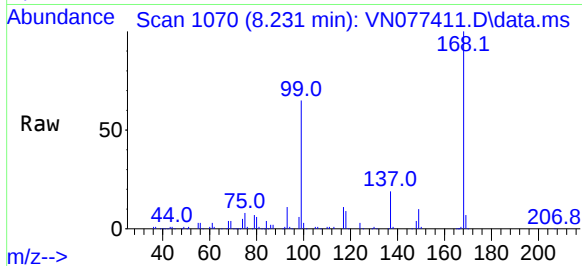




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

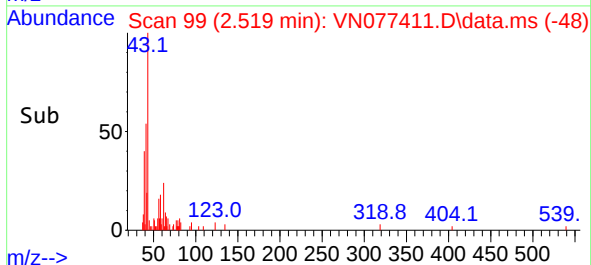
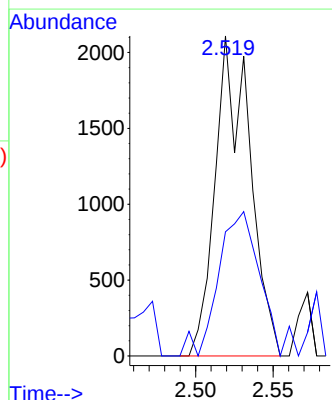
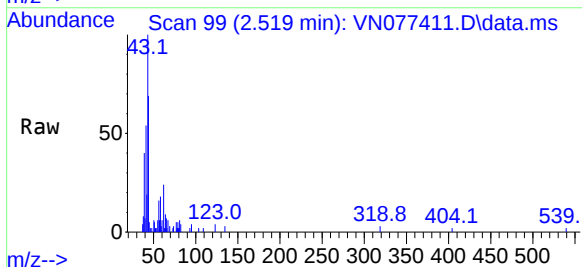
Instrument :
MSVOA_N
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SPA-5WC-23-04

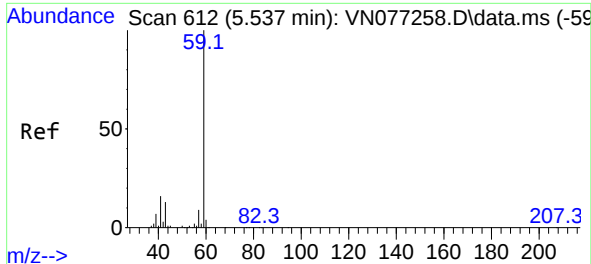
Tgt Ion:168 Resp: 534920
Ion Ratio Lower Upper
168 100
99 65.1 50.6 75.8



#4
Vinyl Chloride
Concen: 0.284 ug/l
RT: 2.519 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 62 Resp: 3261
Ion Ratio Lower Upper
62 100
64 38.8 25.8 38.8

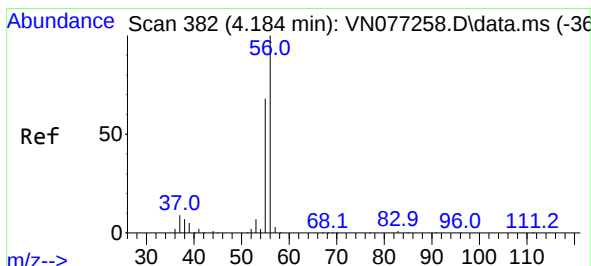
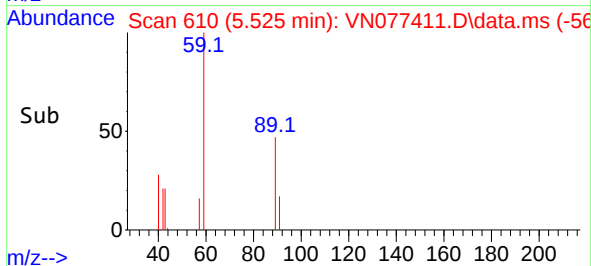
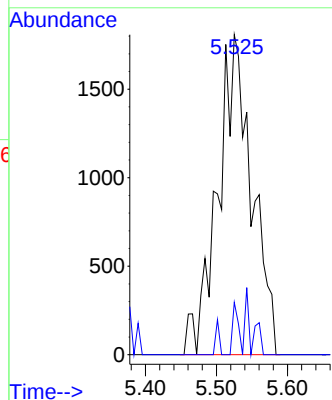
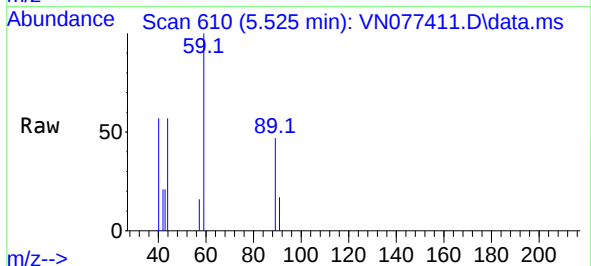




#11
Tert butyl alcohol
Concen: 4.055 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

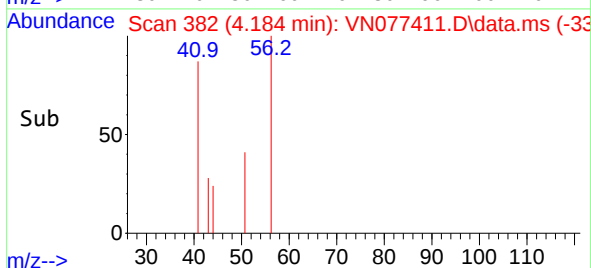
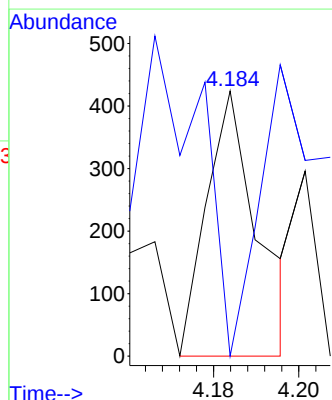
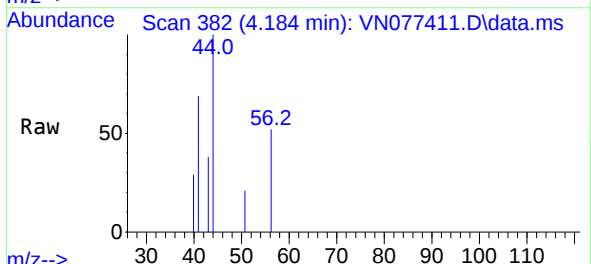
Instrument :
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SPA-5WC-23-04

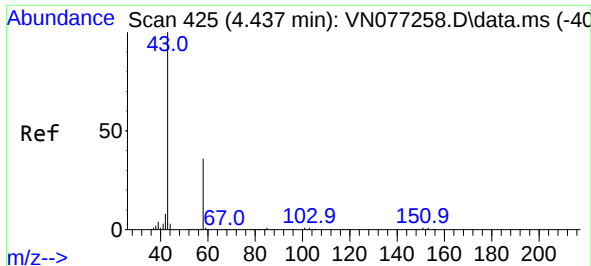
Tgt Ion: 59 Resp: 6050
Ion Ratio Lower Upper
59 100
57 2.7 8.3 12.5#



#13
Acrolein
Concen: 0.251 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 56 Resp: 354
Ion Ratio Lower Upper
56 100
55 148.9 54.2 81.2#

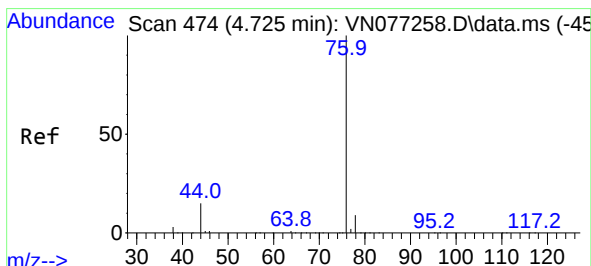
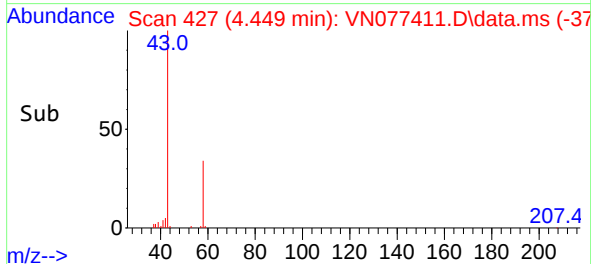
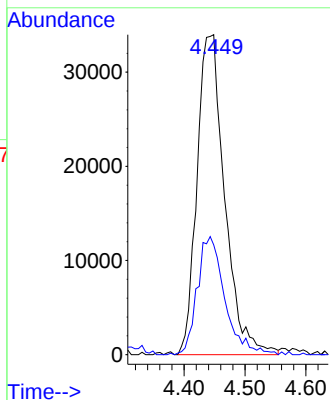
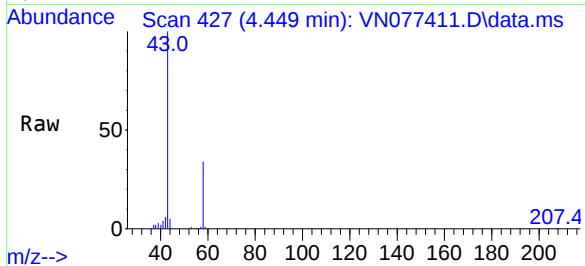




#16
Acetone
Concen: 39.811 ug/l
RT: 4.449 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

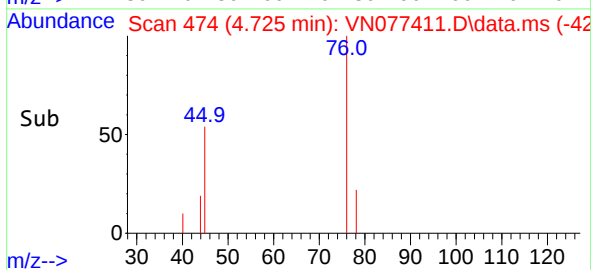
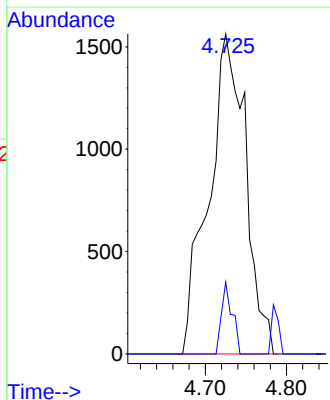
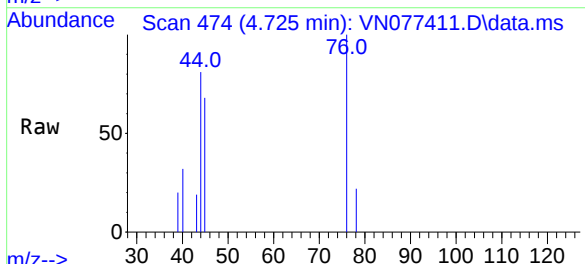
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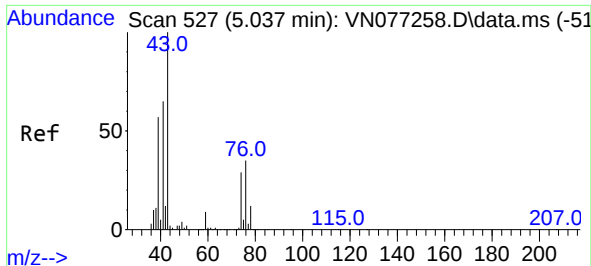
Tgt Ion: 43 Resp: 107314
Ion Ratio Lower Upper
43 100
58 34.3 29.0 43.6



#17
Carbon Disulfide
Concen: 0.293 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 76 Resp: 4953
Ion Ratio Lower Upper
76 100
78 22.5 7.3 10.9#

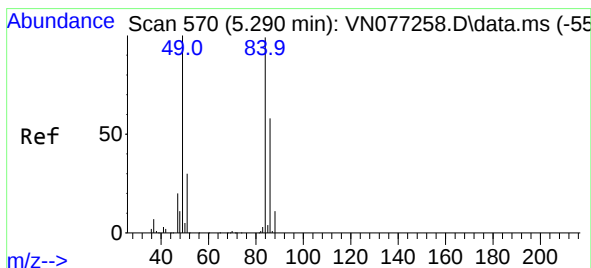
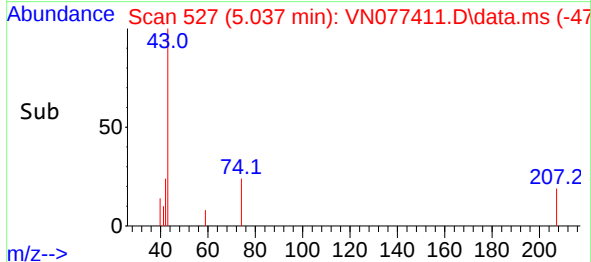
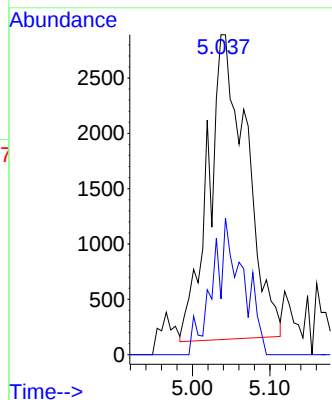
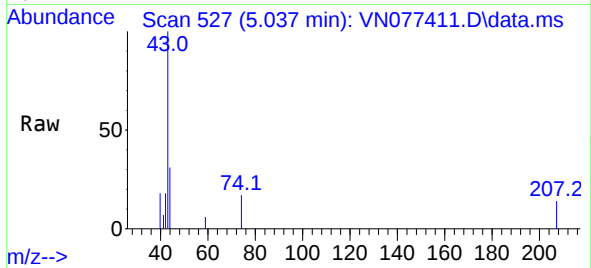




#18
Methyl Acetate
Concen: 0.929 ug/l
RT: 5.037 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

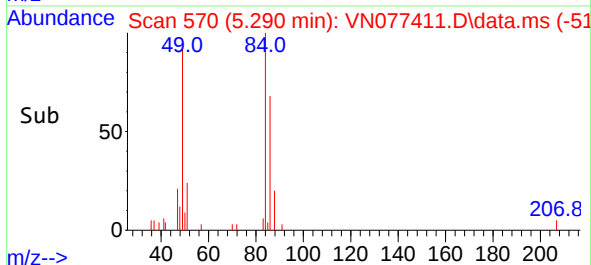
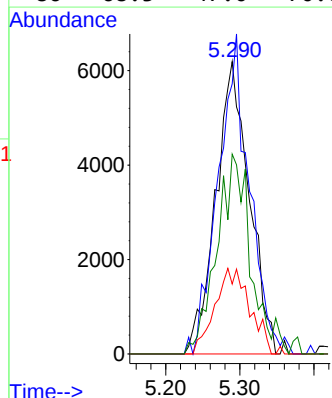
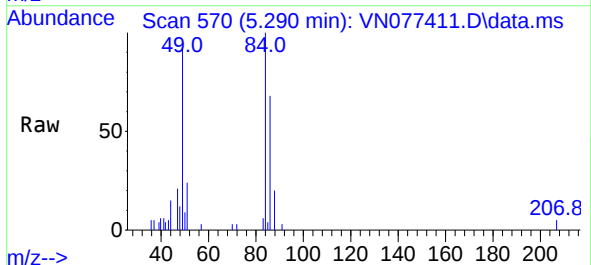
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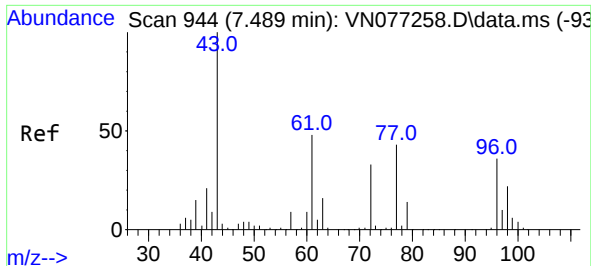
Tgt Ion: 43 Resp: 9537
Ion Ratio Lower Upper
43 100
74 34.8 23.4 35.2



#20
Methylene Chloride
Concen: 2.553 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 84 Resp: 19436
Ion Ratio Lower Upper
84 100
49 92.4 80.6 121.0
51 23.9 24.4 36.6#
86 68.3 47.0 70.6

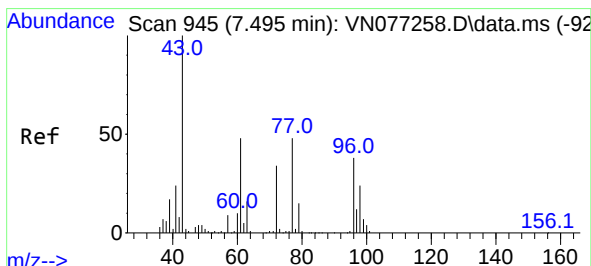
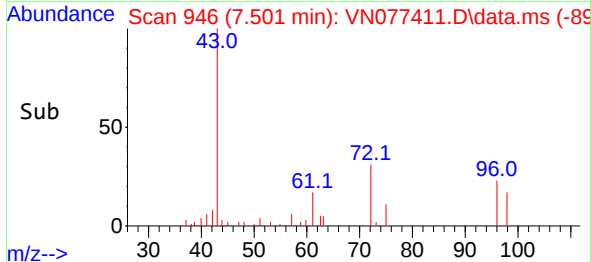
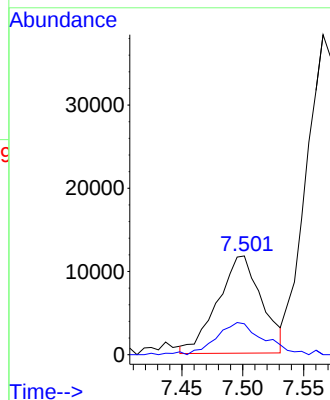
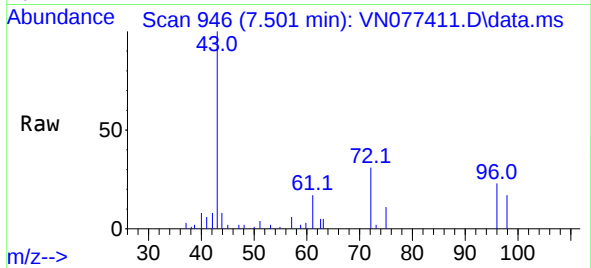




#25
2-Butanone
Concen: 6.730 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN077411.D
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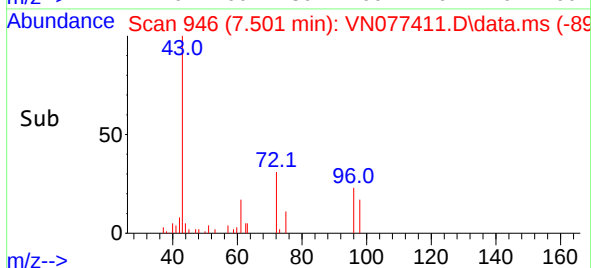
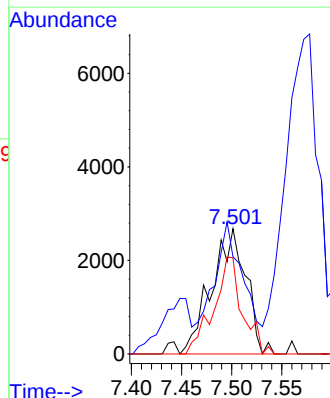
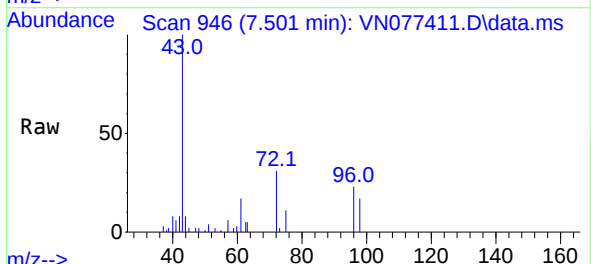
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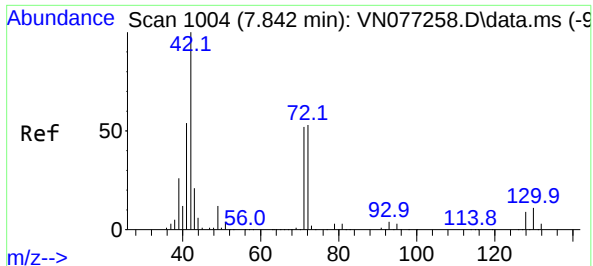
Tgt Ion: 43 Resp: 29443
Ion Ratio Lower Upper
43 100
72 31.0 26.6 39.8



#27
cis-1,2-Dichloroethene
Concen: 0.766 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 96 Resp: 6418
Ion Ratio Lower Upper
96 100
61 92.6 0.0 261.0
98 63.9 0.0 128.0

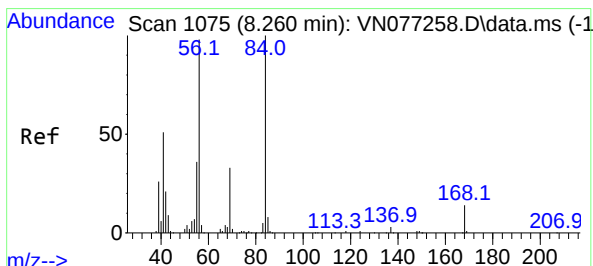
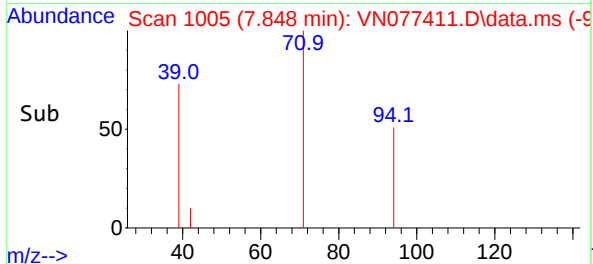
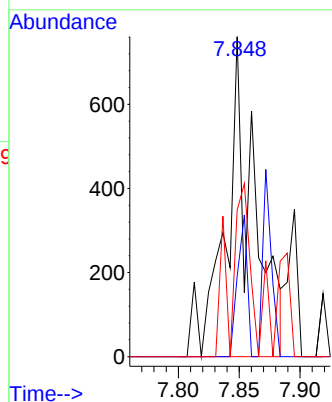
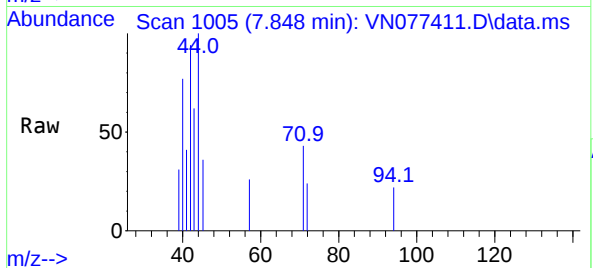




#29
Tetrahydrofuran
Concen: 0.426 ug/l
RT: 7.848 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VN077411.D
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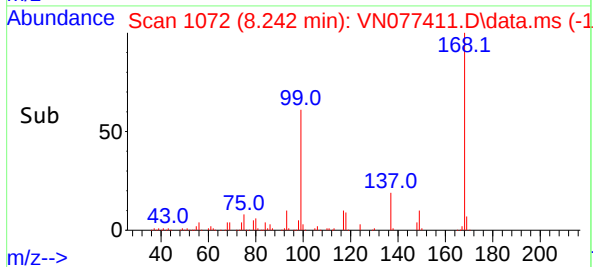
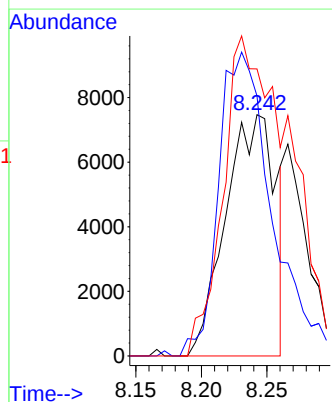
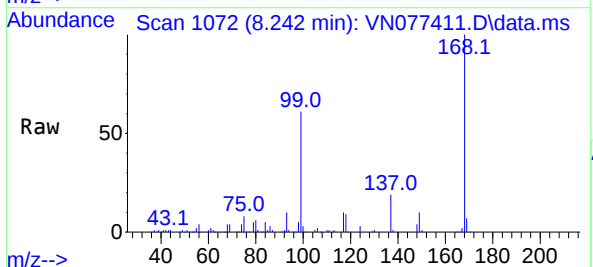
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ClientSampleId :
SPA-5WC-23-04

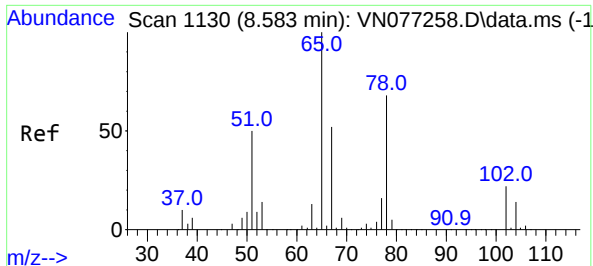
Tgt Ion: 42 Resp: 1199
Ion Ratio Lower Upper
42 100
72 15.5 44.6 66.8#
71 37.4 41.3 61.9#



#31
Cyclohexane
Concen: 1.751 ug/l
RT: 8.242 min Scan# 1072
Delta R.T. -0.018 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 56 Resp: 19893
Ion Ratio Lower Upper
56 100
69 107.7 26.6 40.0#
84 119.0 81.8 122.8

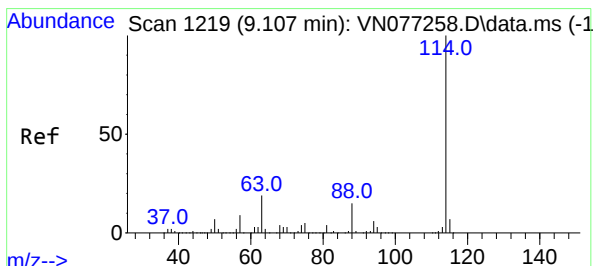
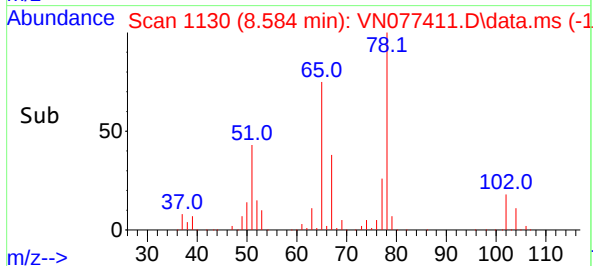
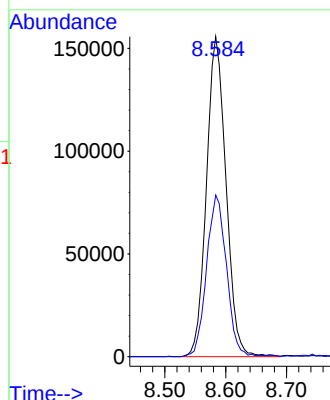
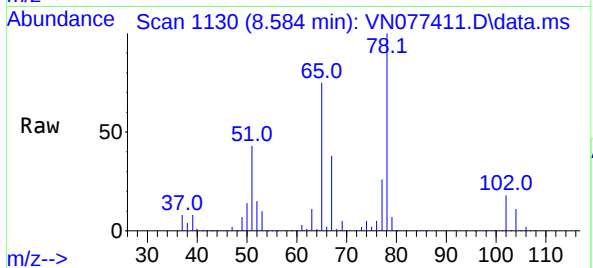




#33
1,2-Dichloroethane-d4
Concen: 47.515 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

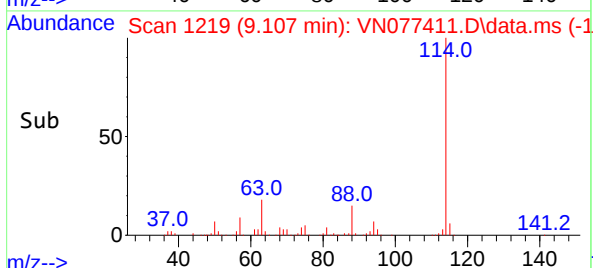
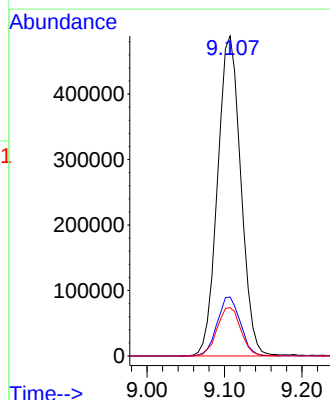
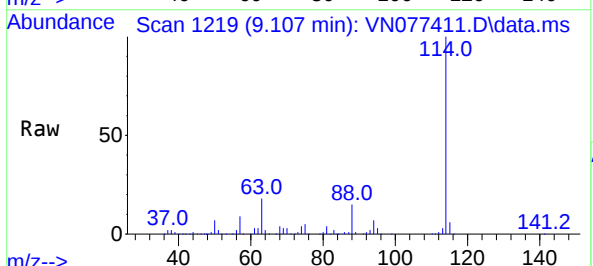
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

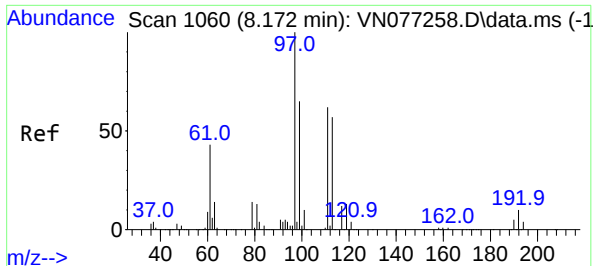
Tgt Ion: 65 Resp: 347381
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 114 Resp: 1019174
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.8
88 15.1 0.0 29.4

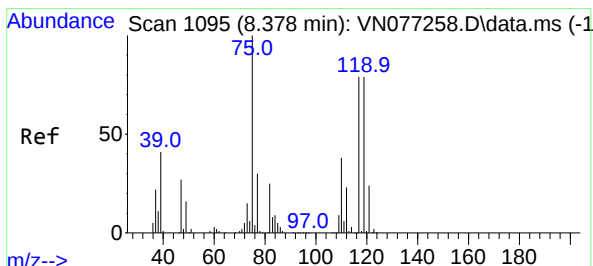
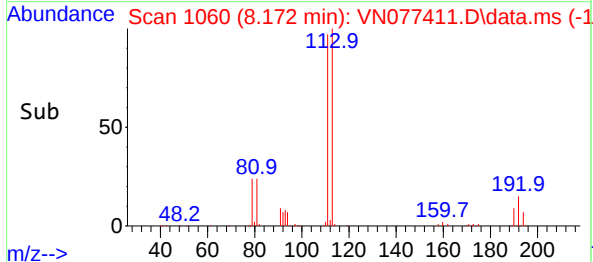
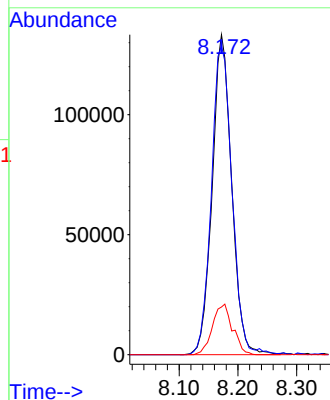
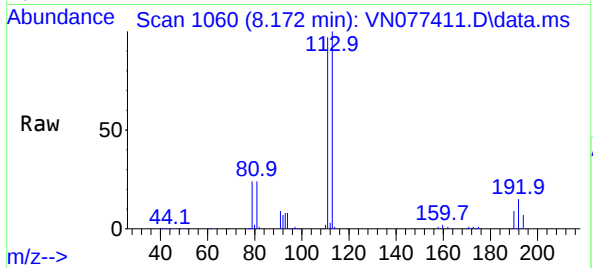




#35
Dibromofluoromethane
Concen: 47.059 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

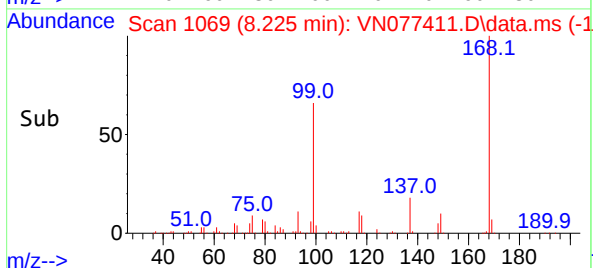
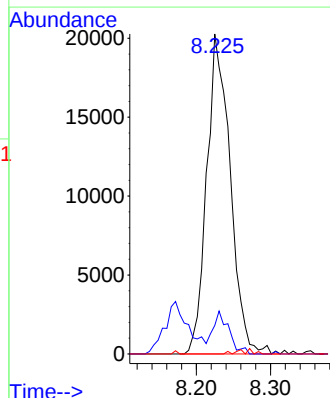
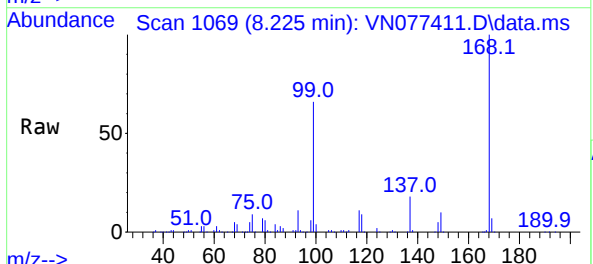
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

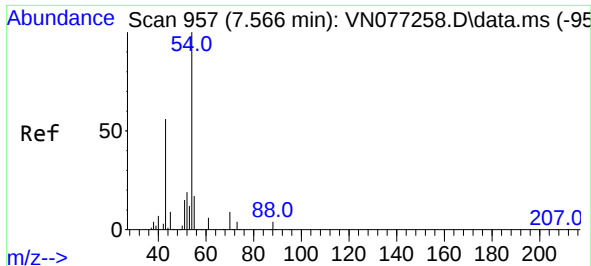
Tgt Ion:113 Resp: 307031
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.0
192 16.3 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.153 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 75 Resp: 44622
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 25.0 37.4#

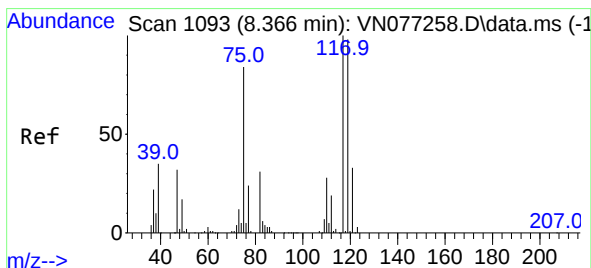
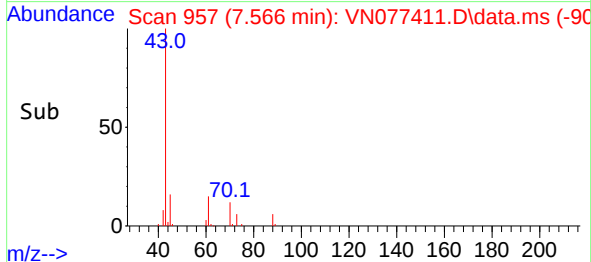
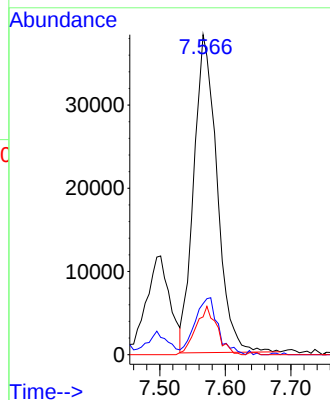
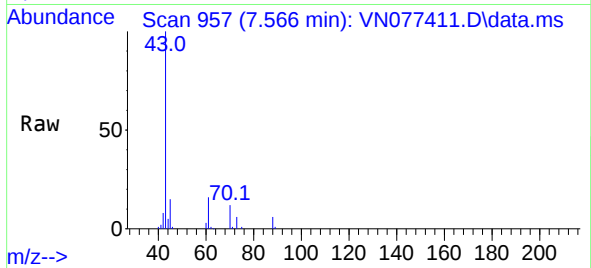




#37
Ethyl Acetate
Concen: 10.920 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

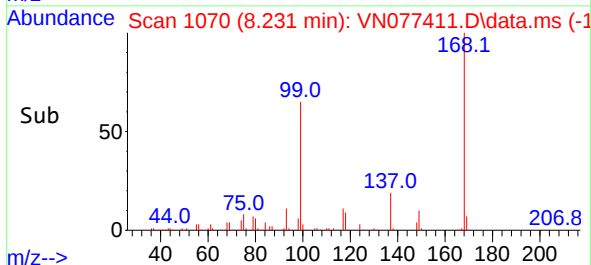
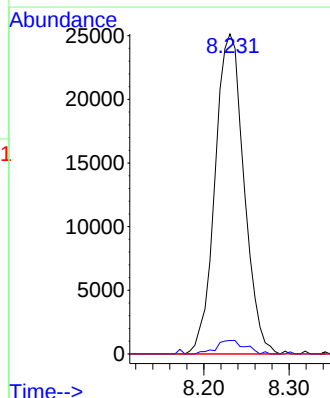
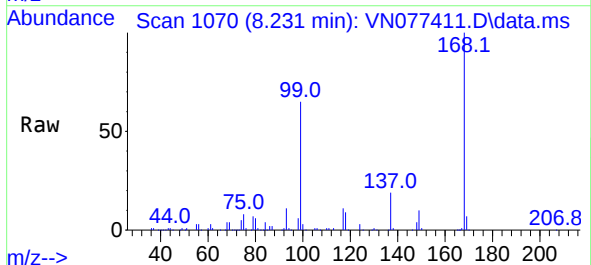
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

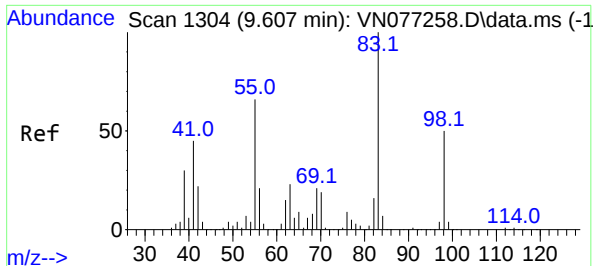
Tgt Ion: 43 Resp: 94281
Ion Ratio Lower Upper
43 100
61 17.8 12.2 18.2
70 13.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 117 Resp: 59276
Ion Ratio Lower Upper
117 100
119 4.2 78.5 117.7#
121 0.0 26.6 40.0#

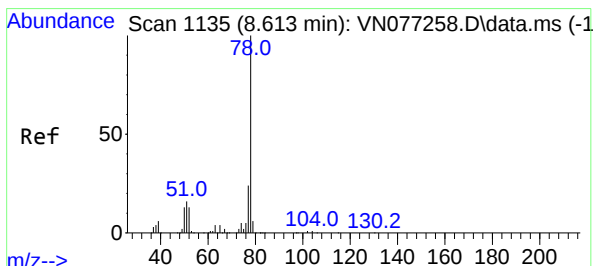
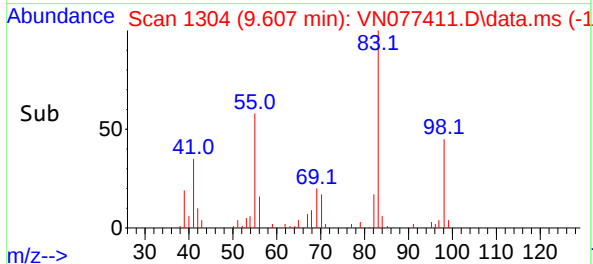
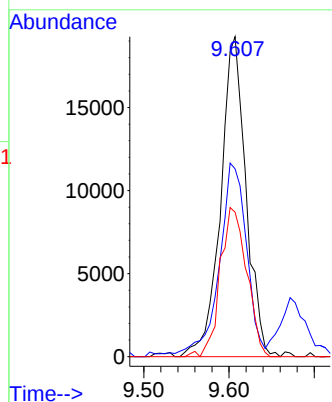
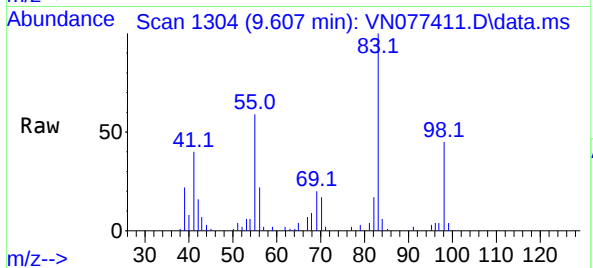




#39
Methylcyclohexane
Concen: 3.065 ug/l
RT: 9.607 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

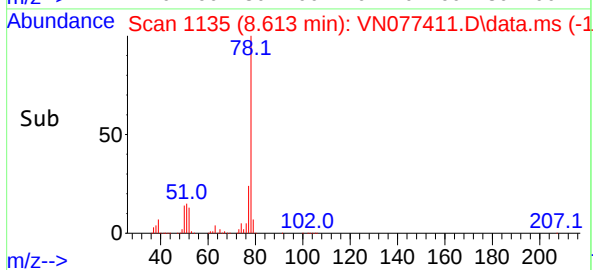
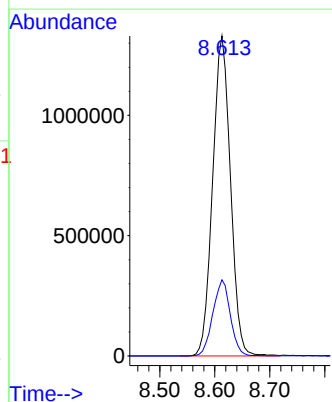
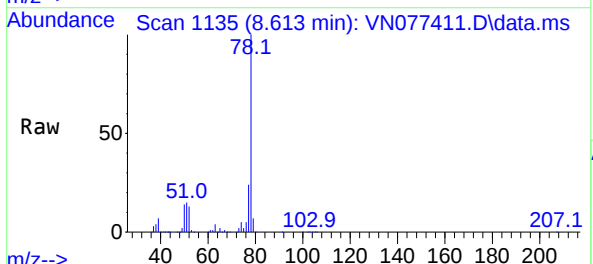
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

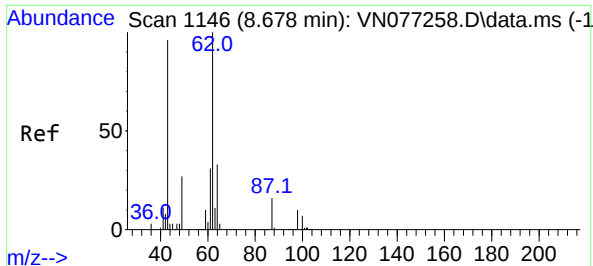
Tgt Ion: 83 Resp: 39877
Ion Ratio Lower Upper
83 100
55 57.0 52.4 78.6
98 45.1 39.8 59.6



#40
Benzene
Concen: 99.446 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 78 Resp: 2993179
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3





#42

1,2-Dichloroethane

Concen: 0.392 ug/l

RT: 8.684 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN077411.D

Acq: 20 Apr 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

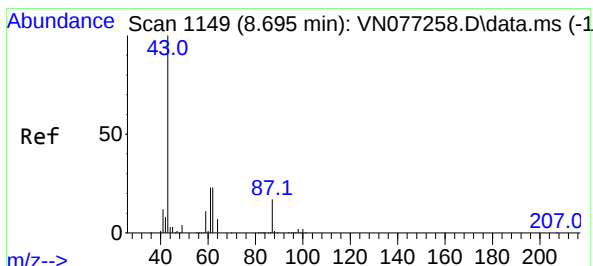
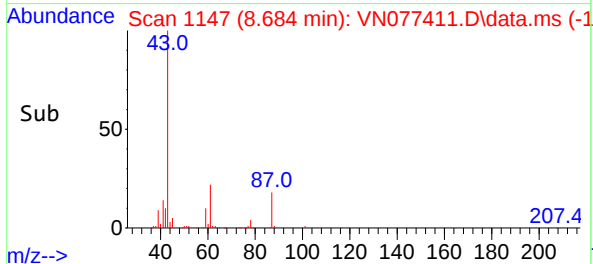
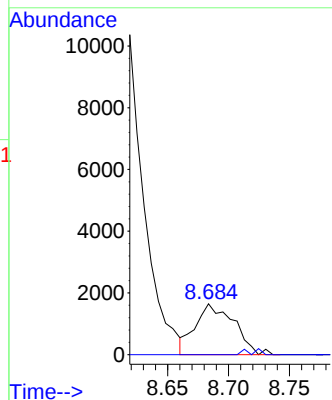
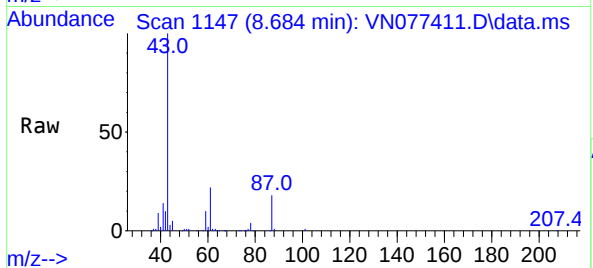
SPA-5WC-23-04

Tgt Ion: 62 Resp: 3627

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#43

Isopropyl Acetate

Concen: 26.072 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077411.D

Acq: 20 Apr 2023 19:36

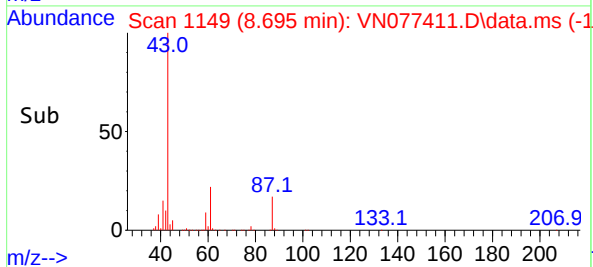
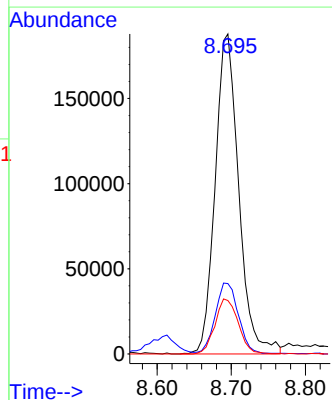
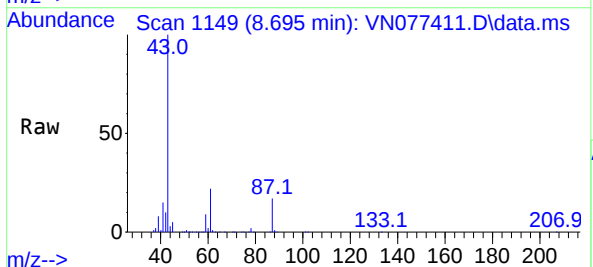
Tgt Ion: 43 Resp: 415356

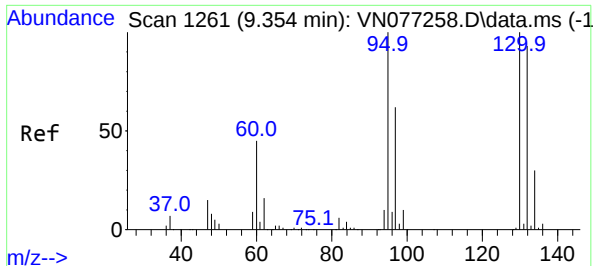
Ion Ratio Lower Upper

43 100

61 21.7 22.7 34.1#

87 17.0 13.6 20.4

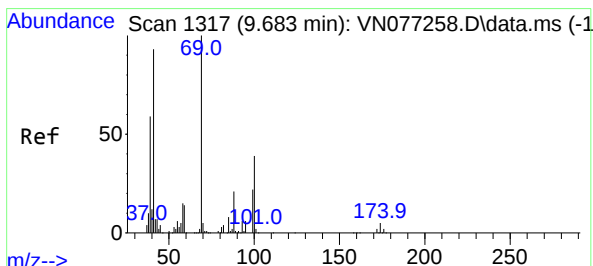
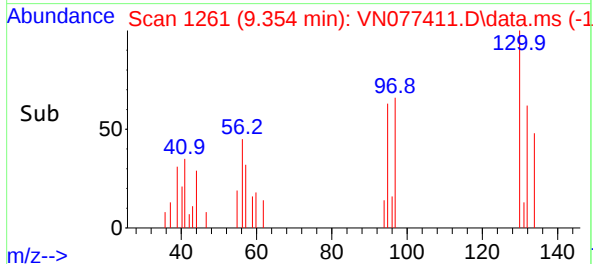
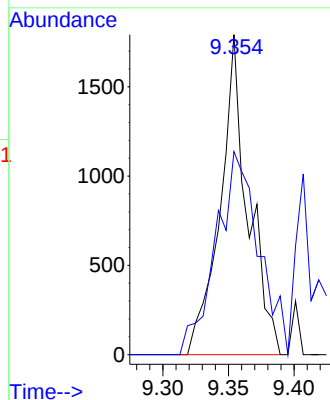
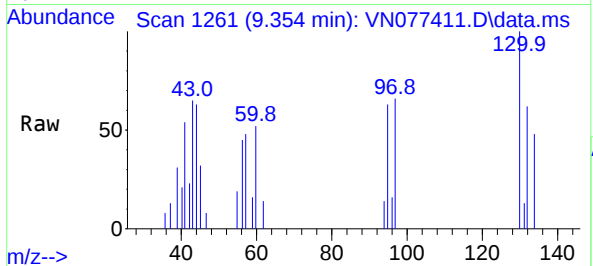




#44
Trichloroethene
Concen: 0.366 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

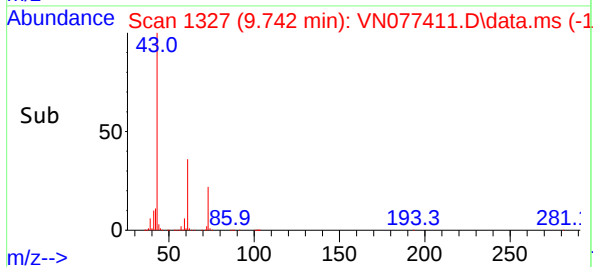
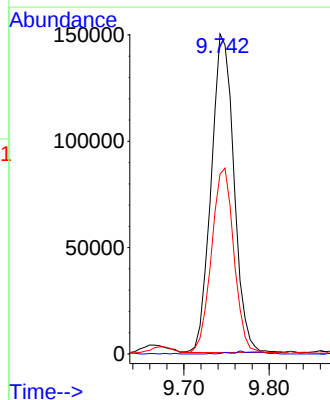
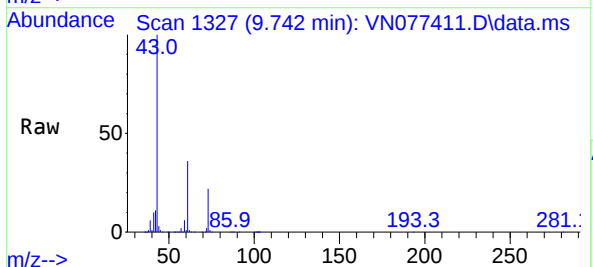
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

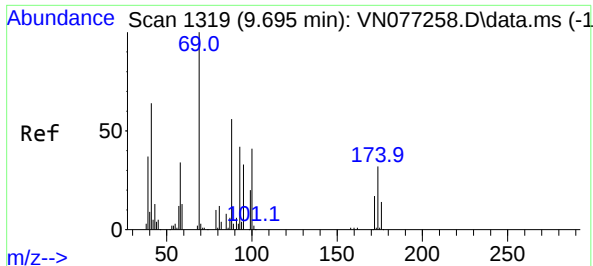
Tgt Ion:130 Resp: 2638
Ion Ratio Lower Upper
130 100
95 63.4 0.0 200.2



#48
Methyl methacrylate
Concen: 40.816 ug/l
RT: 9.742 min Scan# 1327
Delta R.T. 0.059 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 41 Resp: 277385
Ion Ratio Lower Upper
41 100
69 0.0 85.0 127.6#
39 57.1 53.5 80.3

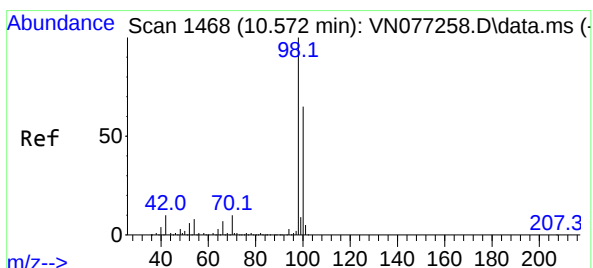
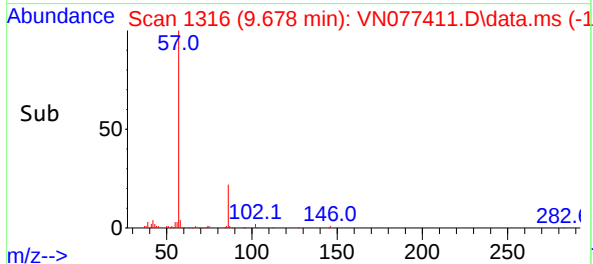
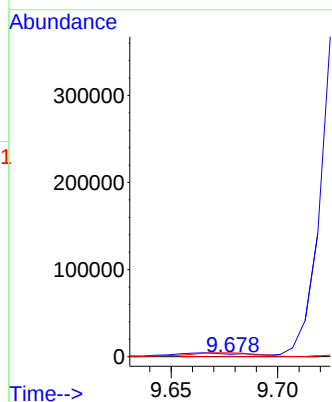
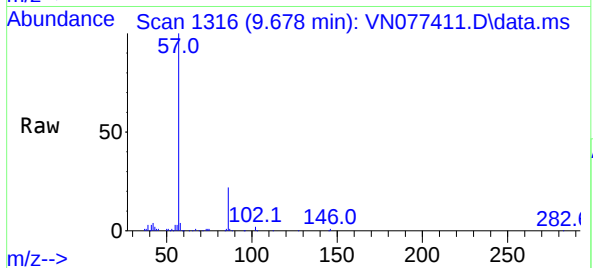




#49
1,4-Dioxane
Concen: 1.833 ug/l
RT: 9.678 min Scan# 1316
Delta R.T. -0.017 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

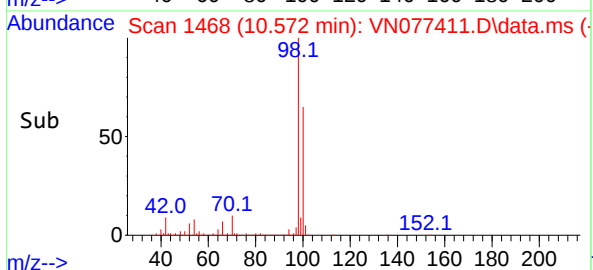
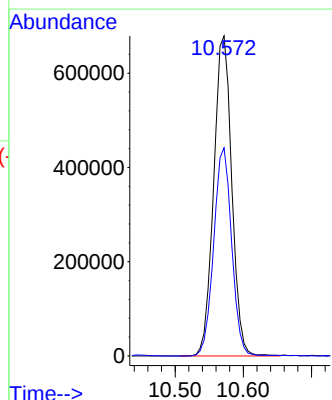
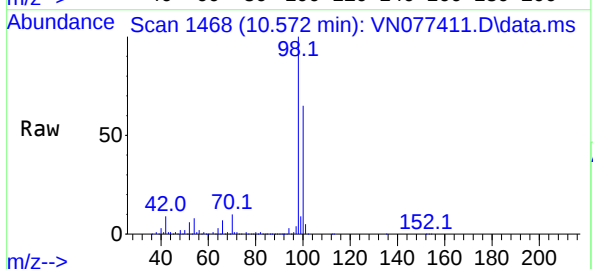
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

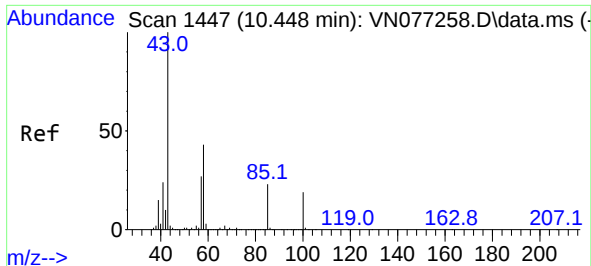
Tgt Ion: 88 Resp: 302
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 3382.1 49.8 74.6#



#50
Toluene-d8
Concen: 47.704 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 98 Resp: 1252946
Ion Ratio Lower Upper
98 100
100 64.5 51.3 76.9

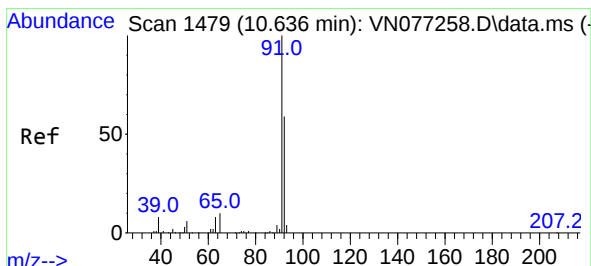
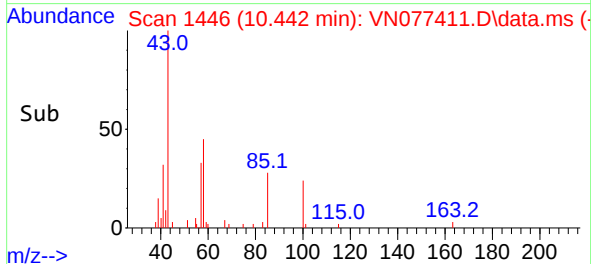
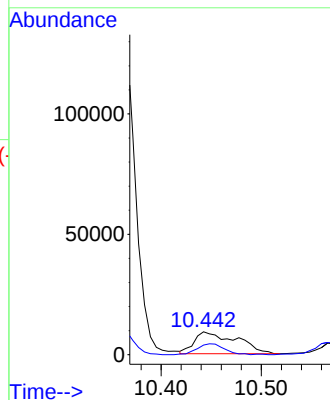
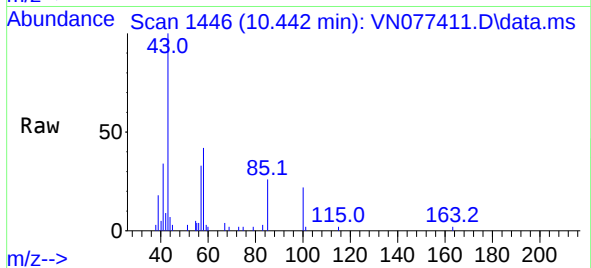




#51
4-Methyl-2-Pentanone
Concen: 2.905 ug/l
RT: 10.442 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

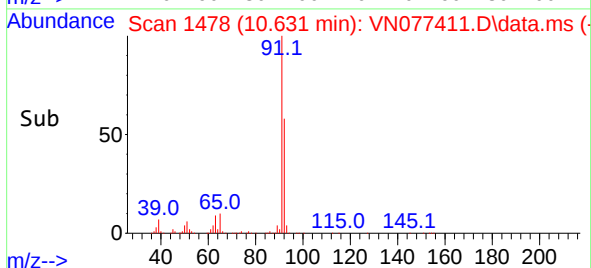
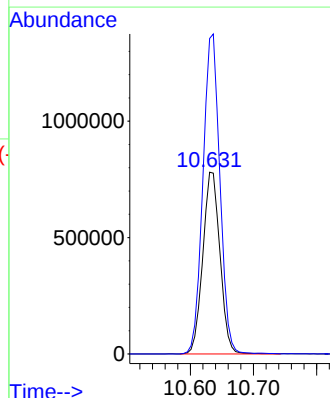
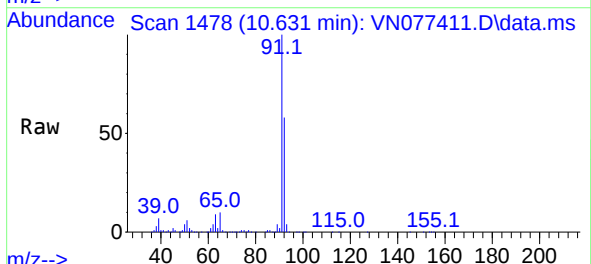
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

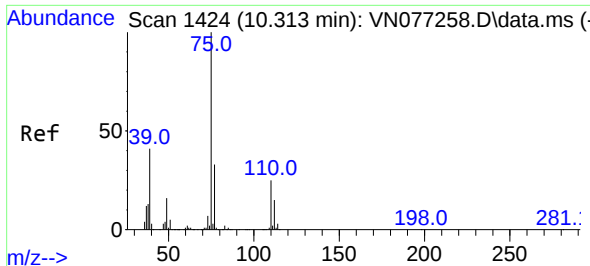
Tgt Ion: 43 Resp: 26752
Ion Ratio Lower Upper
43 100
58 32.2 34.6 52.0#



#52
Toluene
Concen: 74.718 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 92 Resp: 1472006
Ion Ratio Lower Upper
92 100
91 173.8 138.0 207.0

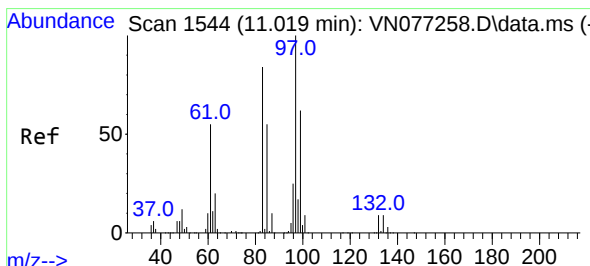
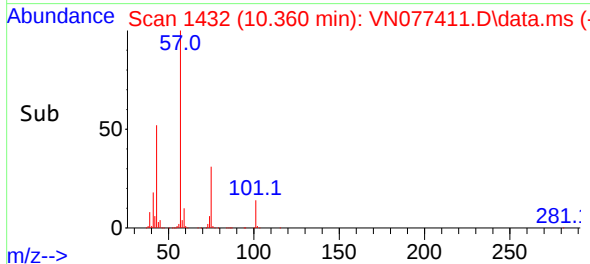
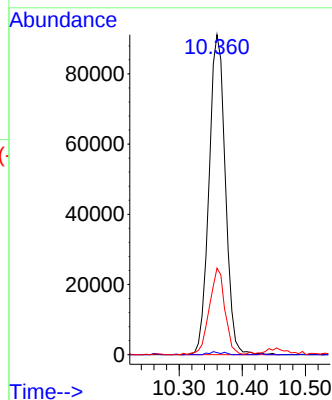
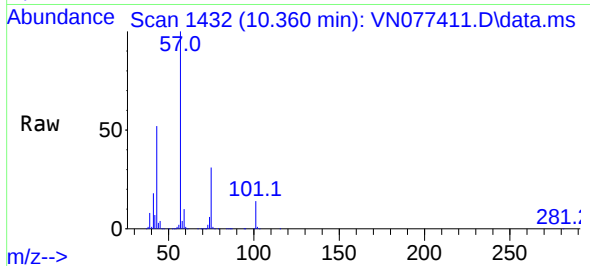




#54
cis-1,3-Dichloropropene
Concen: 13.122 ug/l
RT: 10.360 min Scan# 1424
Delta R.T. 0.047 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

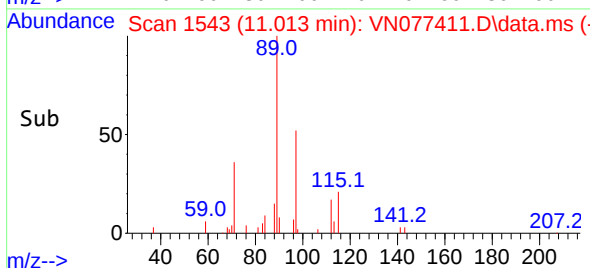
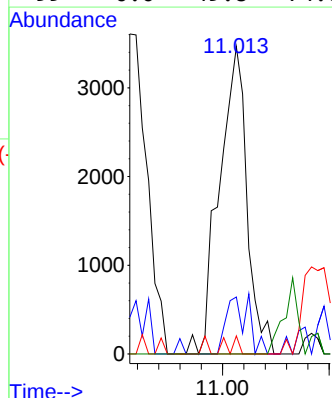
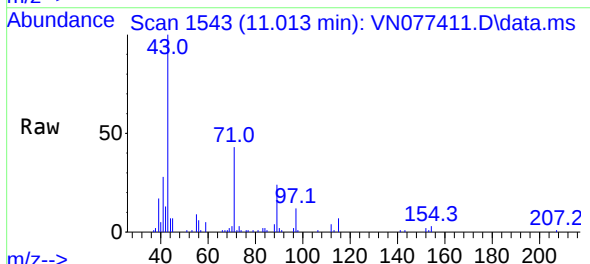
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

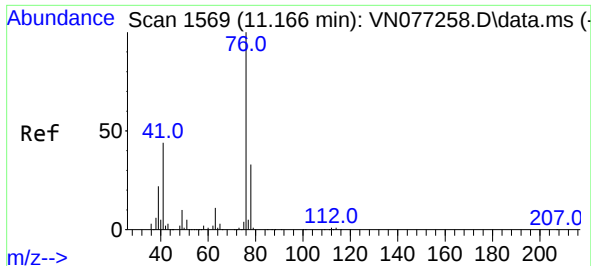
Tgt Ion: 75 Resp: 163391
Ion Ratio Lower Upper
75 100
77 0.7 26.7 40.1#
39 27.0 32.8 49.2#



#55
1,1,2-Trichloroethane
Concen: 0.808 ug/l
RT: 11.013 min Scan# 1543
Delta R.T. -0.006 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 97 Resp: 6251
Ion Ratio Lower Upper
97 100
83 18.5 67.4 101.2#
85 5.9 44.1 66.1#
99 0.0 49.8 74.6#





#57

1,3-Dichloropropane

Concen: 1.491 ug/l

RT: 11.207 min Scan# 1576

Delta R.T. 0.041 min

Lab File: VN077411.D

Acq: 20 Apr 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

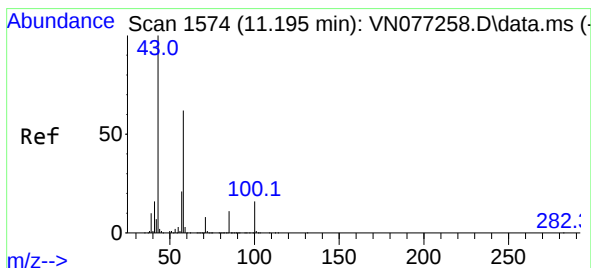
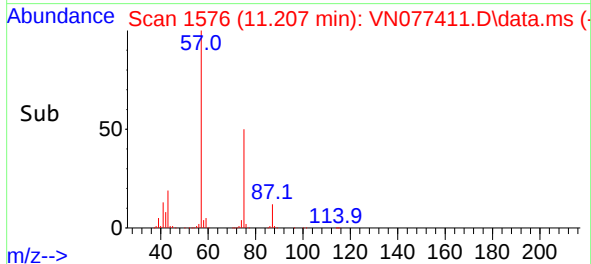
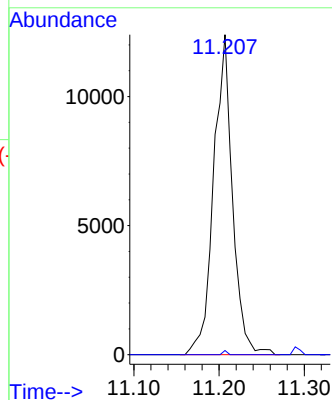
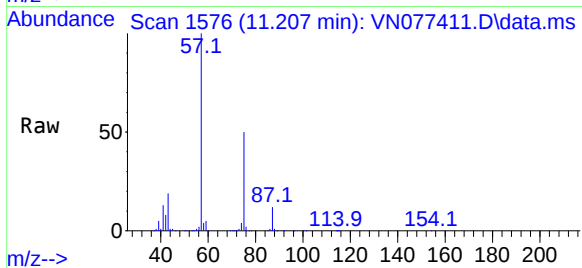
SPA-5WC-23-04

Tgt Ion: 76 Resp: 19051

Ion Ratio Lower Upper

76 100

78 0.3 26.2 39.4#



#59

2-Hexanone

Concen: 41.150 ug/l

RT: 11.172 min Scan# 1570

Delta R.T. -0.023 min

Lab File: VN077411.D

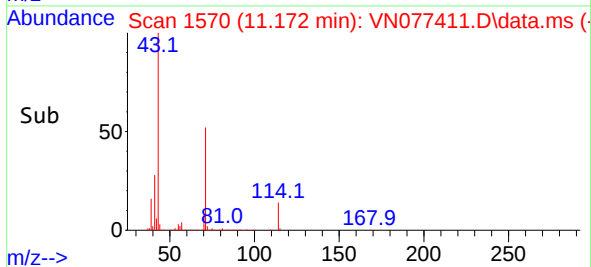
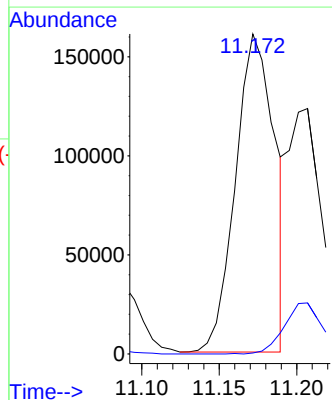
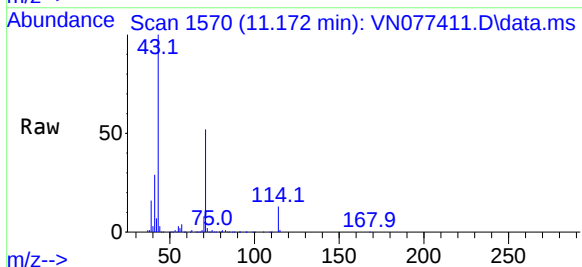
Acq: 20 Apr 2023 19:36

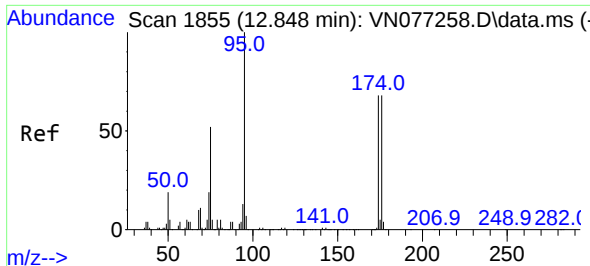
Tgt Ion: 43 Resp: 282306

Ion Ratio Lower Upper

43 100

58 0.0 30.9 92.5#

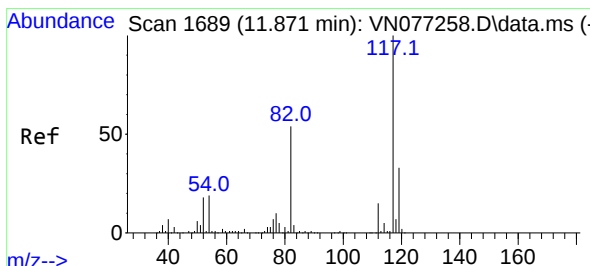
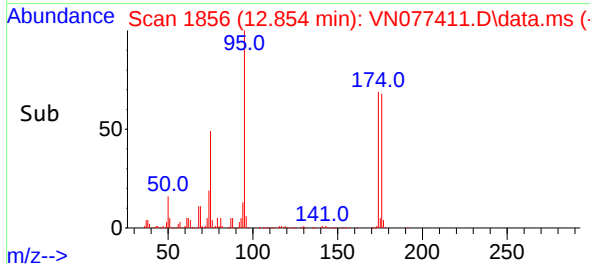
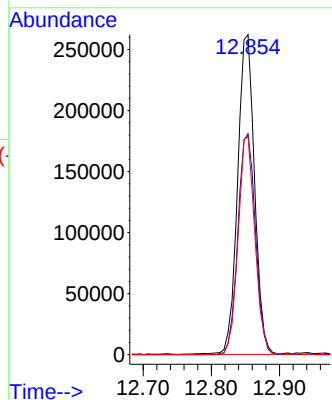
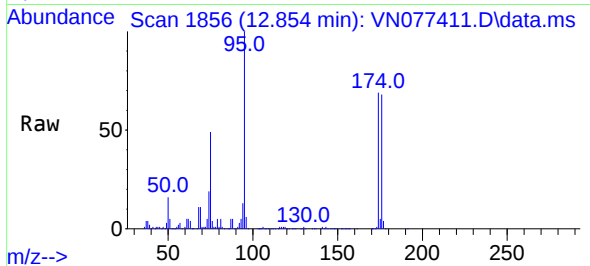




#62
4-Bromofluorobenzene
Concen: 51.739 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

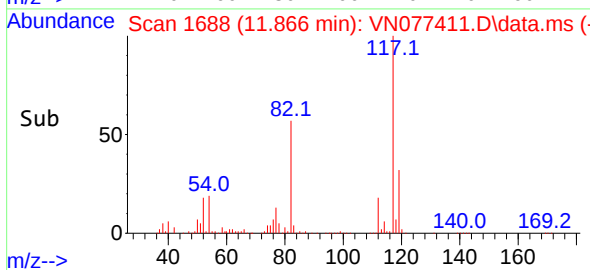
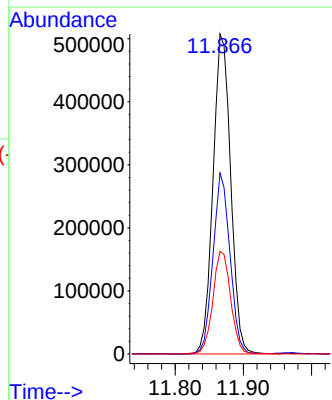
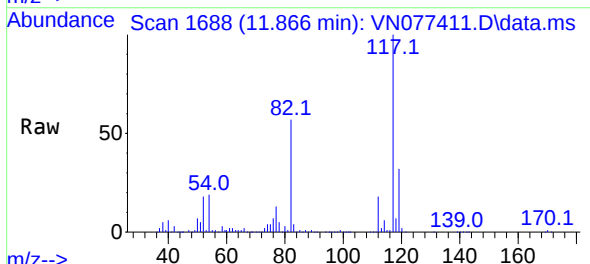
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

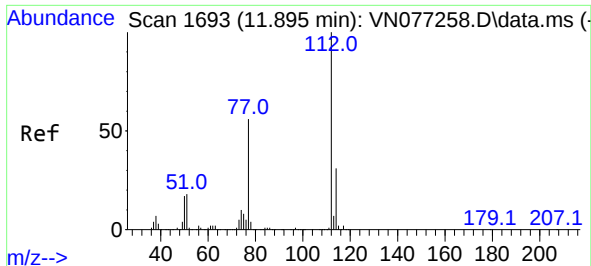
Tgt Ion:	95	Resp:	451960
Ion Ratio	Lower	Upper	
95	100		
174	71.5	0.0	146.8
176	67.6	0.0	139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion:	117	Resp:	916012
Ion Ratio	Lower	Upper	
117	100		
82	56.5	42.9	64.3
119	32.1	26.2	39.4

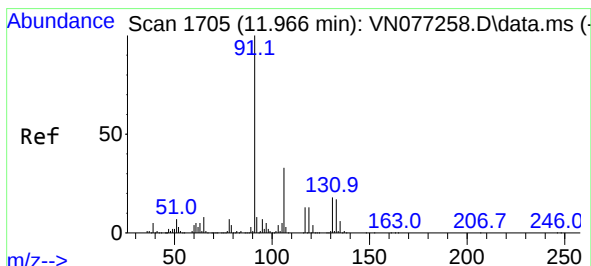
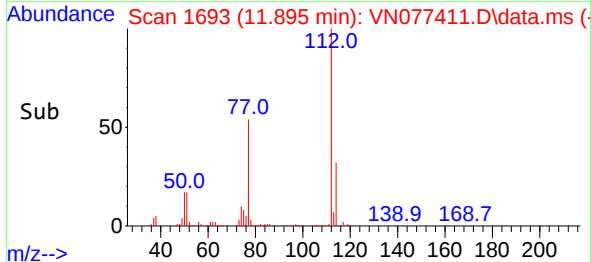
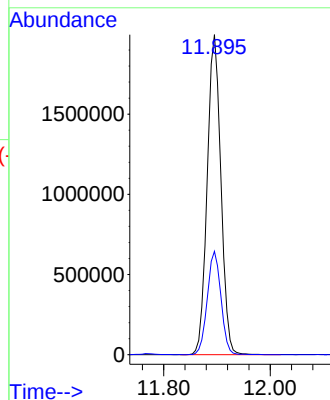
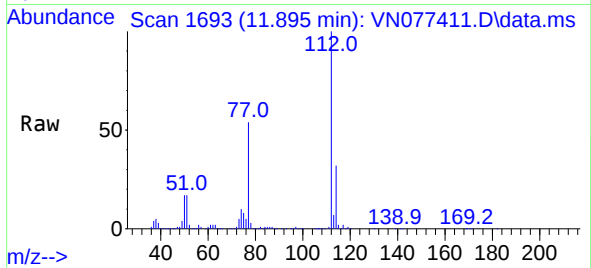




#65
Chlorobenzene
Concen: 176.570 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

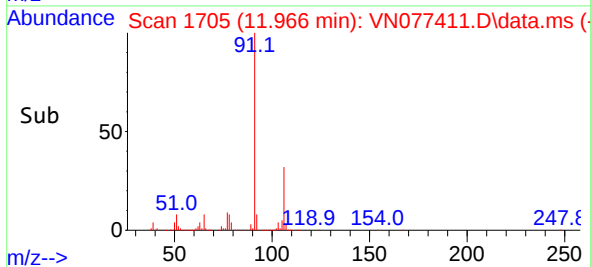
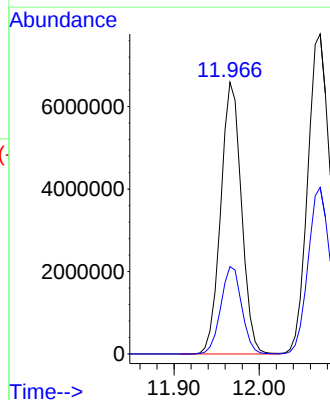
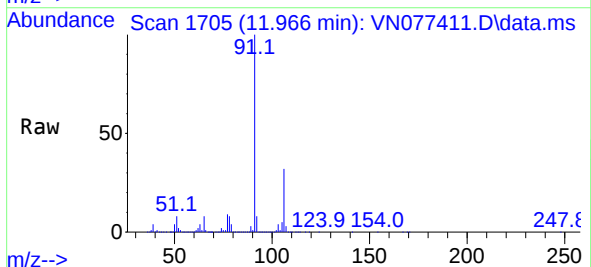
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

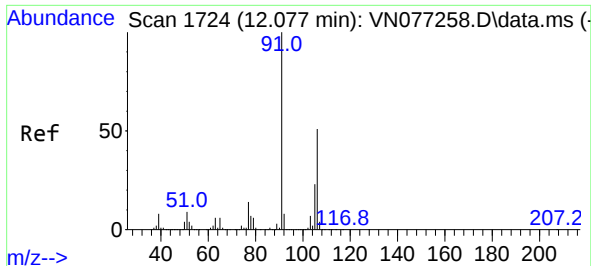
Tgt Ion:112 Resp: 3560899
Ion Ratio Lower Upper
112 100
114 32.3 24.6 36.8



#67
Ethyl Benzene
Concen: 299.150 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 91 Resp:11132730
Ion Ratio Lower Upper
91 100
106 32.1 26.2 39.2

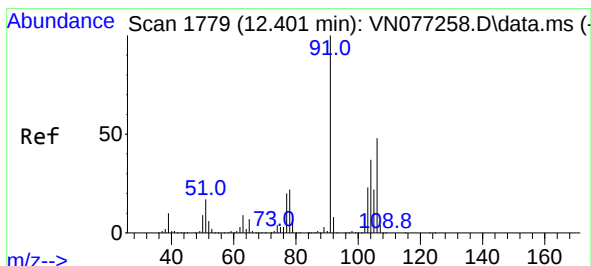
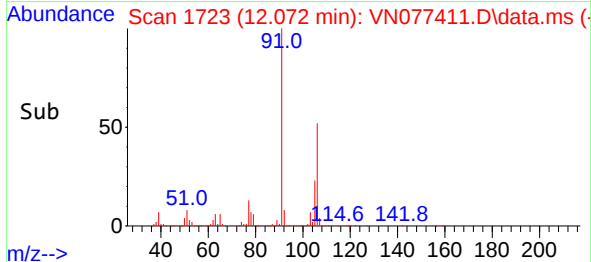
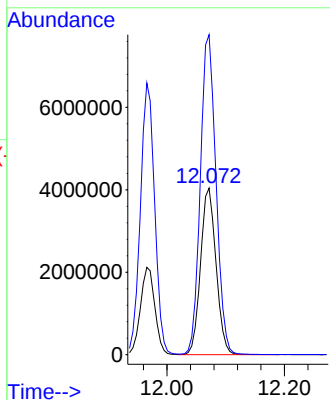
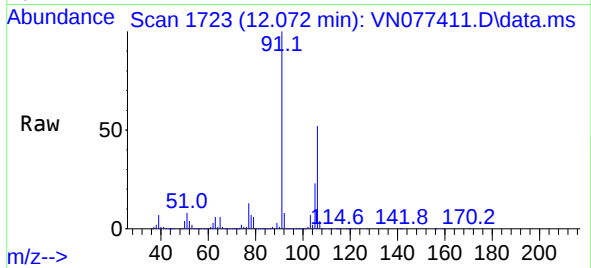




#68
m/p-Xylenes
Concen: 502.876 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

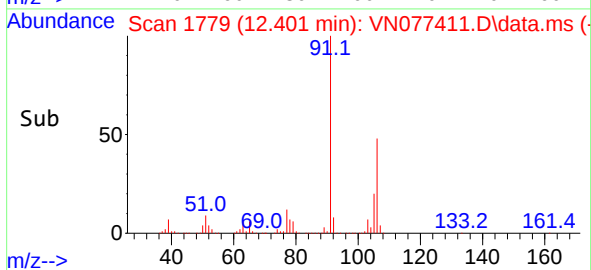
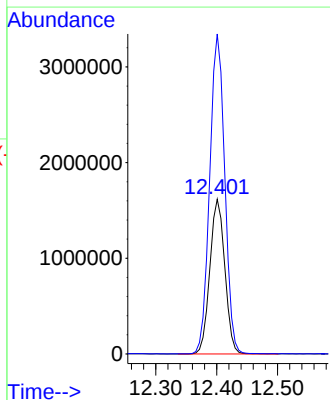
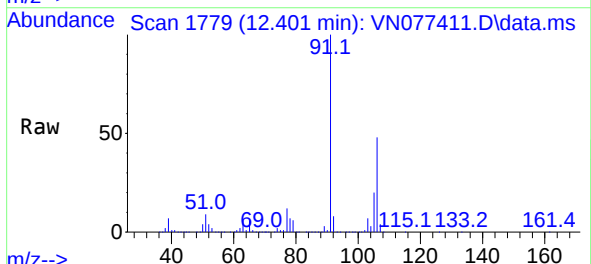
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

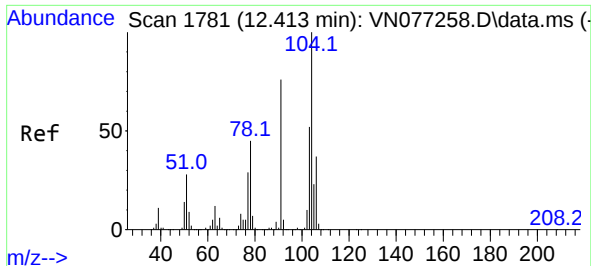
Tgt Ion:106 Resp: 7353260
Ion Ratio Lower Upper
106 100
91 194.8 158.7 238.1



#69
o-Xylene
Concen: 191.141 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion:106 Resp: 2757286
Ion Ratio Lower Upper
106 100
91 208.2 104.0 312.0

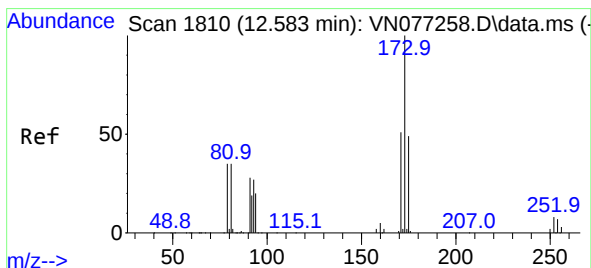
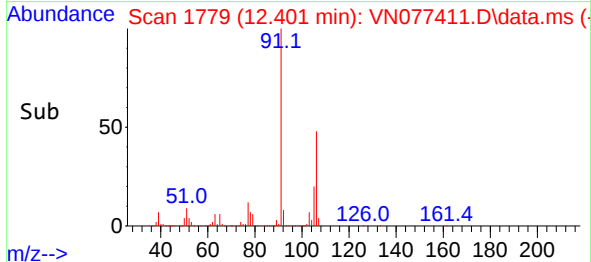
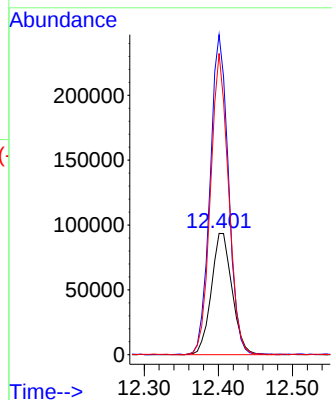
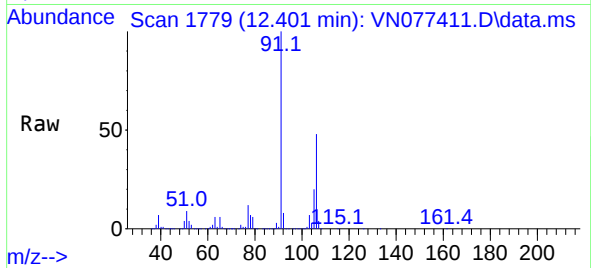




#70
Styrene
Concen: 7.859 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

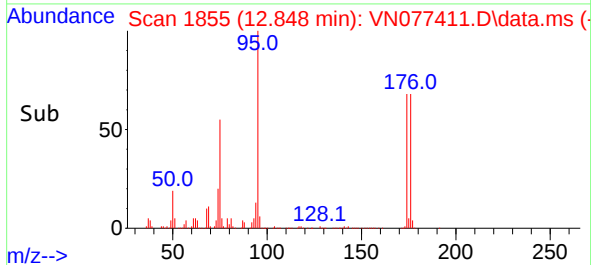
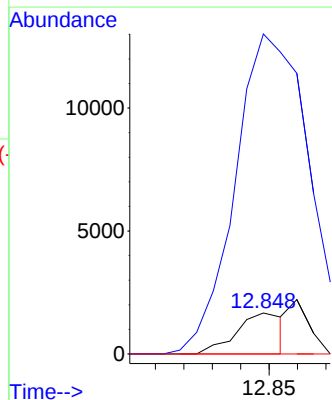
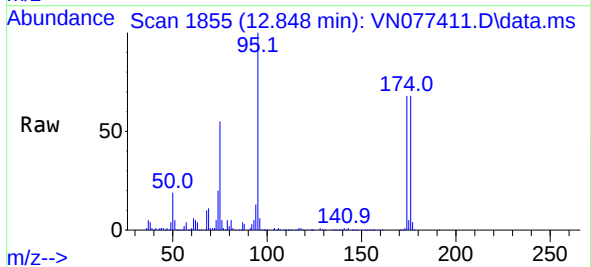
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

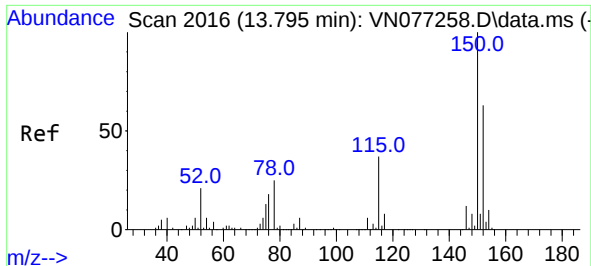
Tgt Ion:104 Resp: 182426
Ion Ratio Lower Upper
104 100
78 232.6 38.0 57.0#
103 215.2 43.1 64.7#



#71
Bromoform
Concen: 0.359 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.265 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion:173 Resp: 1927
Ion Ratio Lower Upper
173 100
175 1031.5 24.1 72.4#
254 0.0 0.1 0.1#

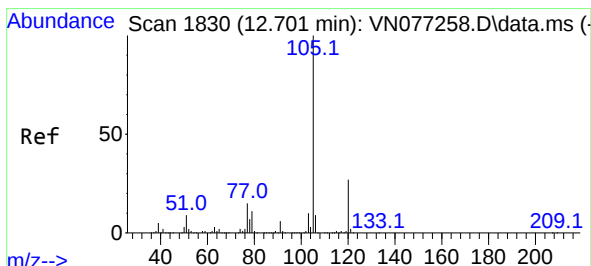
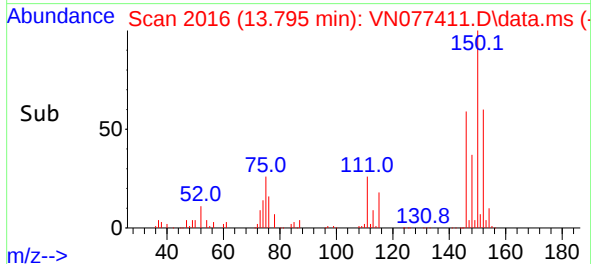
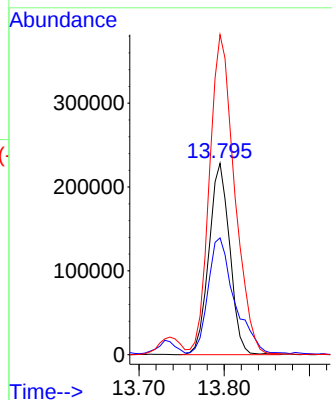
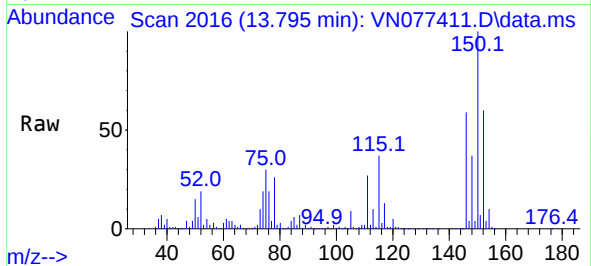




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

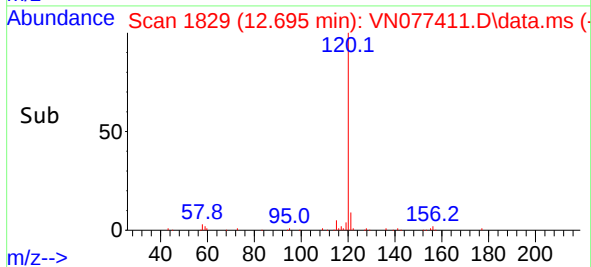
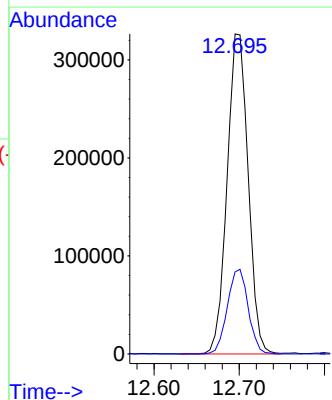
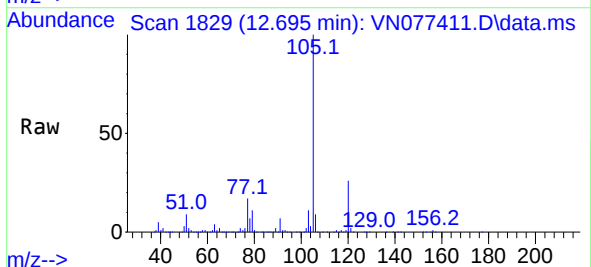
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

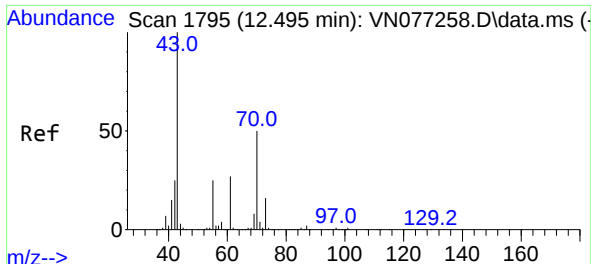
Tgt Ion:152 Resp: 386248
Ion Ratio Lower Upper
152 100
115 77.2 32.1 96.3
150 202.4 0.0 354.8



#73
Isopropylbenzene
Concen: 14.935 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

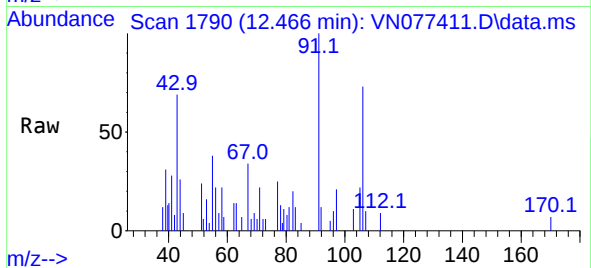
Tgt Ion:105 Resp: 560294
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



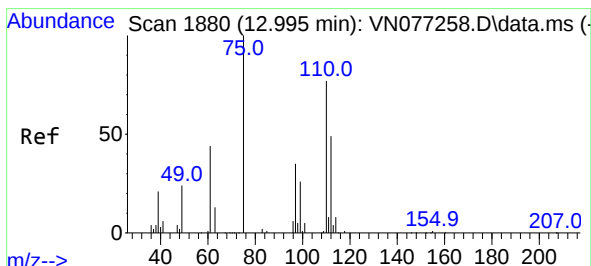
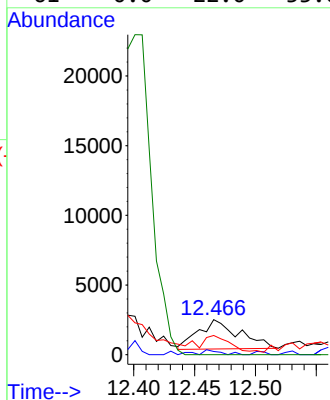
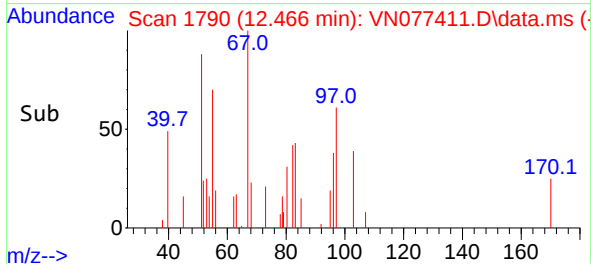


#74
N-amy1 acetate
Concen: 0.347 ug/l
RT: 12.466 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

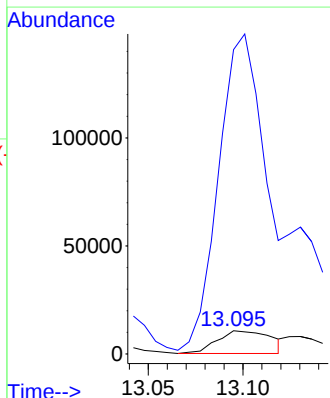
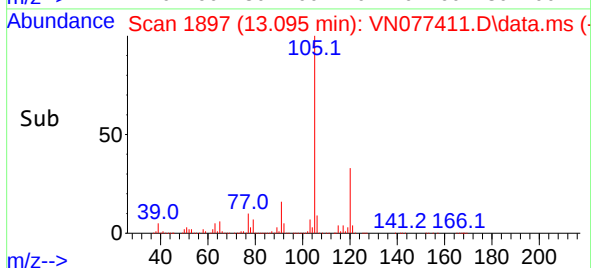
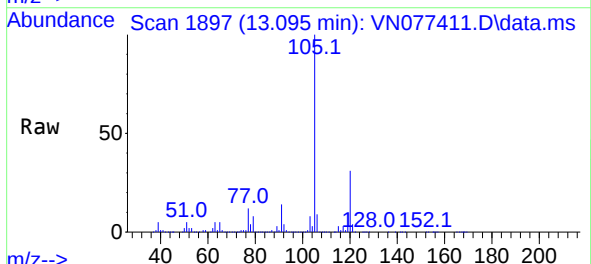


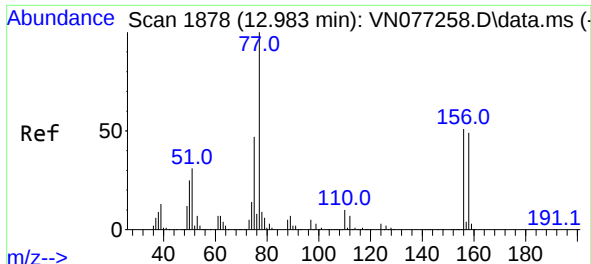
Tgt Ion: 43 Resp: 4934
Ion Ratio Lower Upper
43 100
70 6.7 41.0 61.6#
55 36.2 19.3 28.9#
61 0.0 22.0 33.0#



#76
1,2,3-Trichloropropane
Concen: 2.258 ug/l
RT: 13.095 min Scan# 1897
Delta R.T. 0.100 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 75 Resp: 20770
Ion Ratio Lower Upper
75 100
77 1636.3 88.3 264.9#

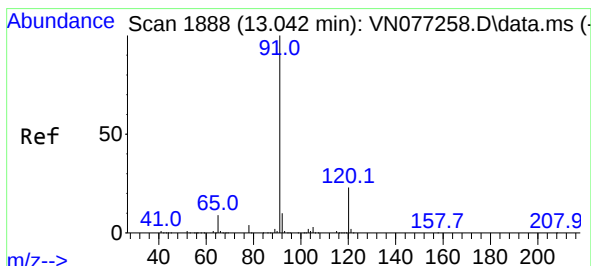
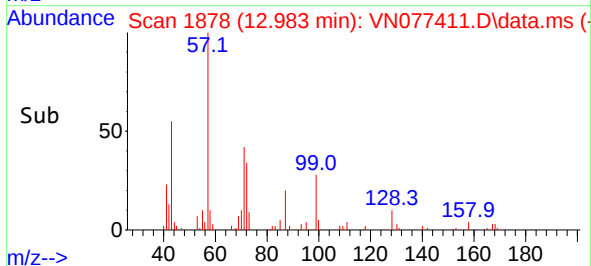
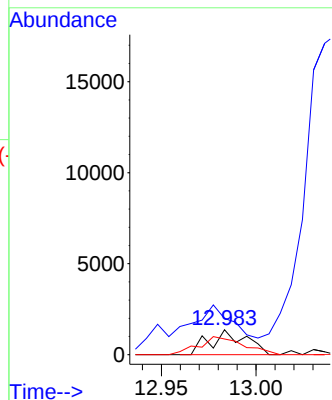
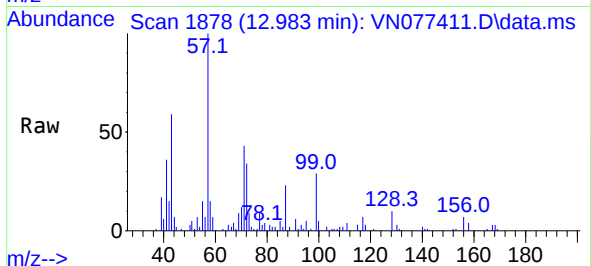




#77
Bromobenzene
Concen: 0.234 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

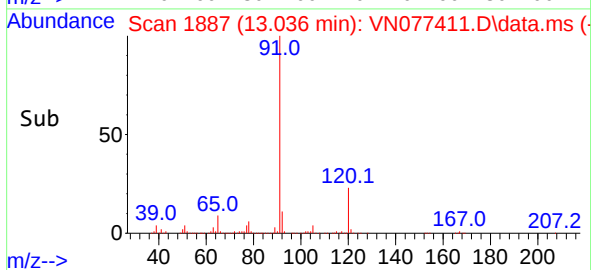
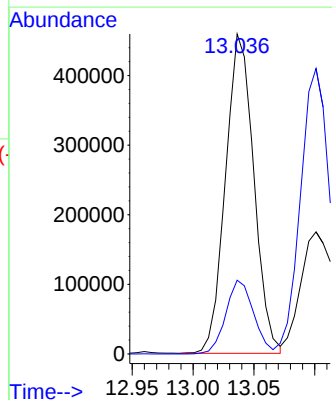
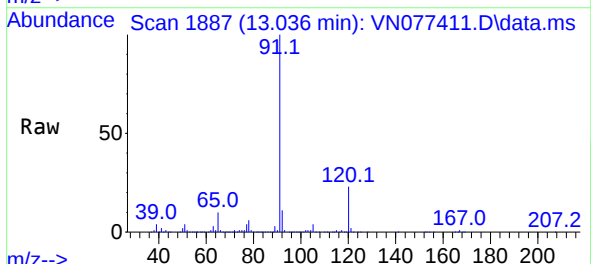
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

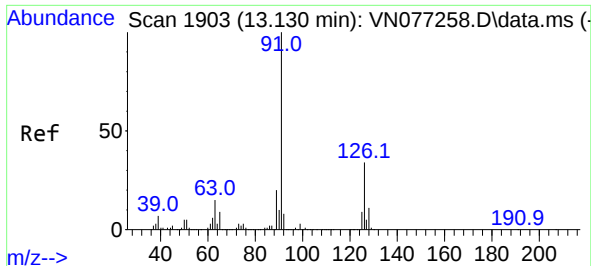
Tgt Ion:156 Resp: 1785
Ion Ratio Lower Upper
156 100
77 0.0 115.3 345.8#
158 90.8 49.3 147.8



#78
n-propylbenzene
Concen: 17.903 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 91 Resp: 742130
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5

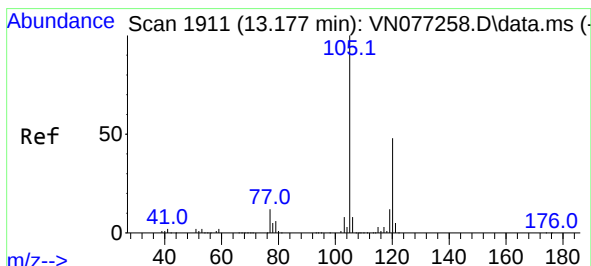
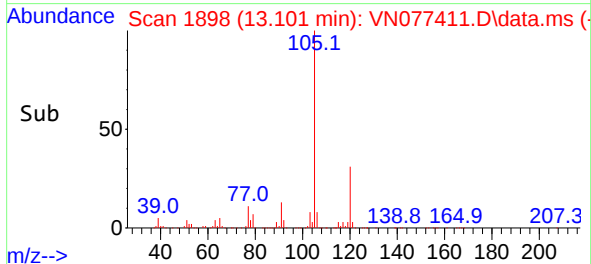
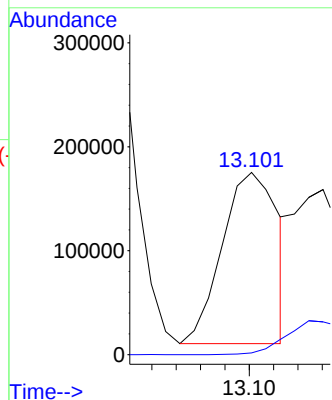
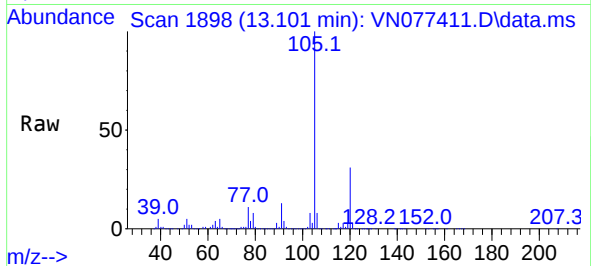




#79
2-Chlorotoluene
Concen: 10.458 ug/l
RT: 13.101 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

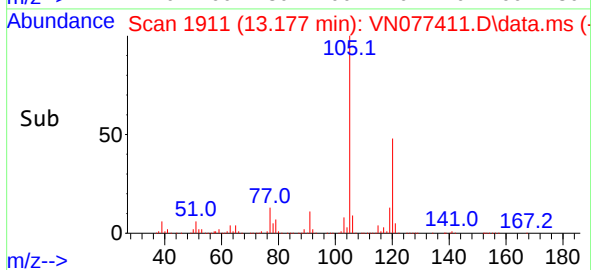
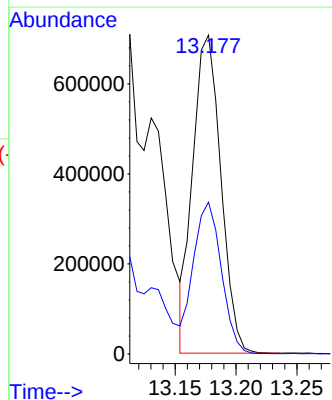
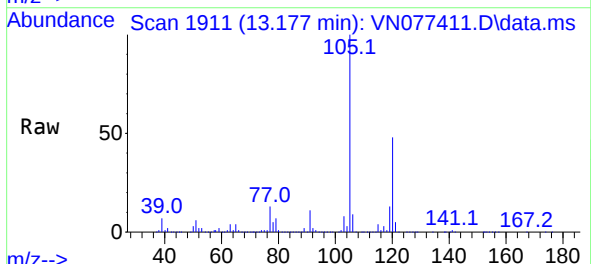
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

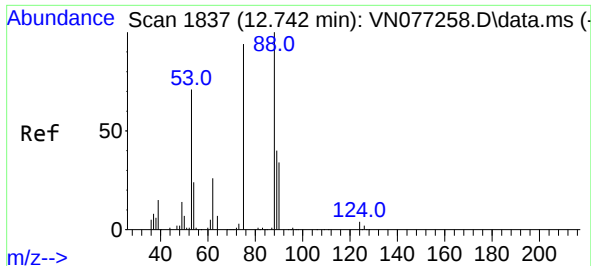
Tgt Ion: 91 Resp: 261033
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#



#80
1,3,5-Trimethylbenzene
Concen: 37.746 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 105 Resp: 1131020
Ion Ratio Lower Upper
105 100
120 47.9 24.3 73.0

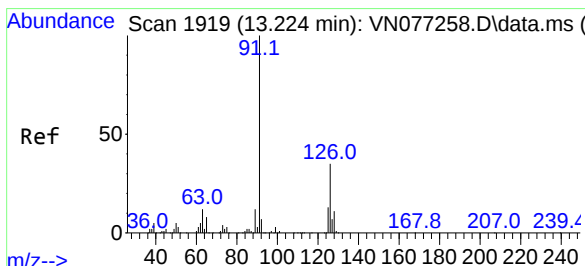
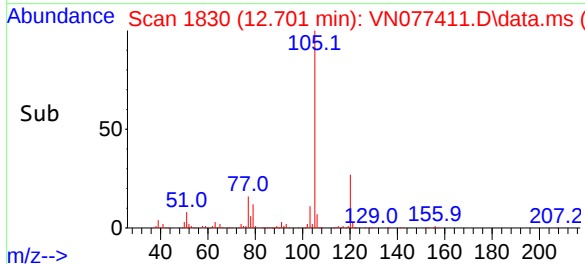
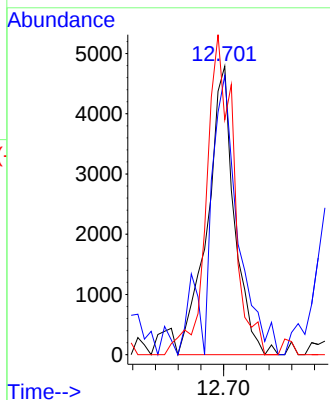
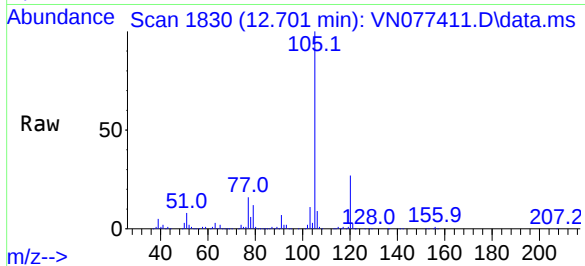




#81
trans-1,4-Dichloro-2-butene
Concen: 1.930 ug/l
RT: 12.701 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

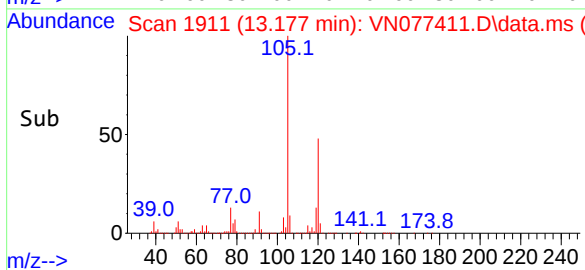
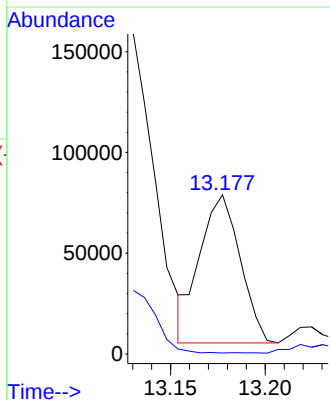
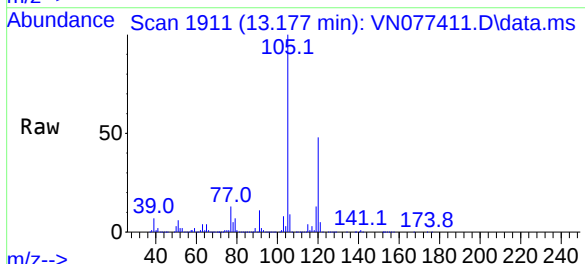
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

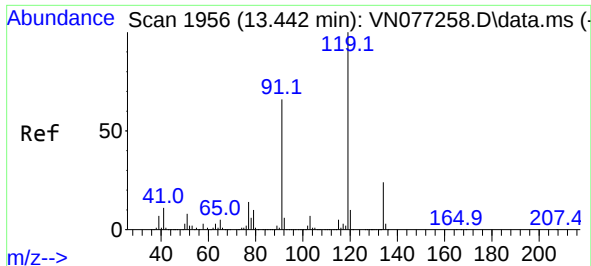
Tgt Ion: 75 Resp: 7887
Ion Ratio Lower Upper
75 100
53 103.1 72.8 109.2
89 112.2 37.4 56.2#



#82
4-Chlorotoluene
Concen: 4.649 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.047 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 91 Resp: 109400
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#

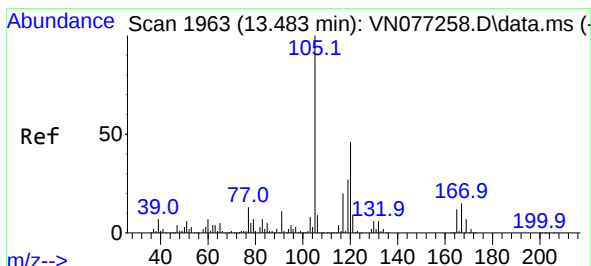
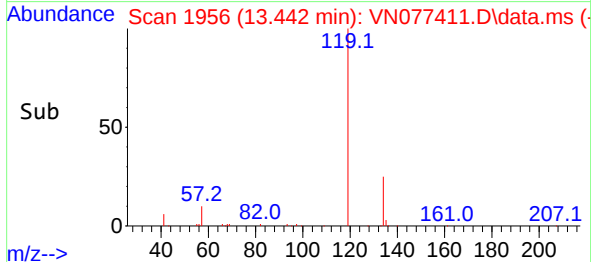
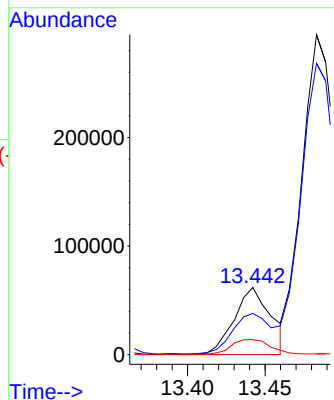
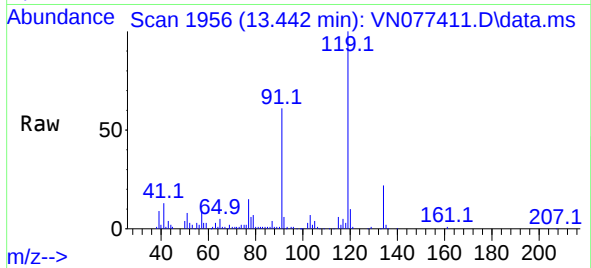




#83
tert-Butylbenzene
Concen: 3.778 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

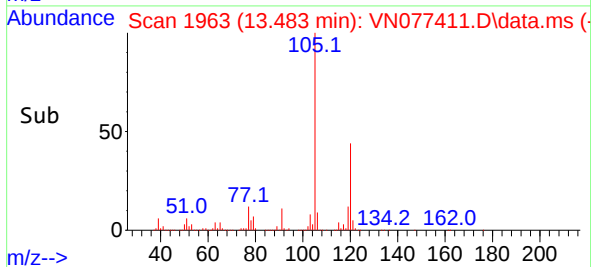
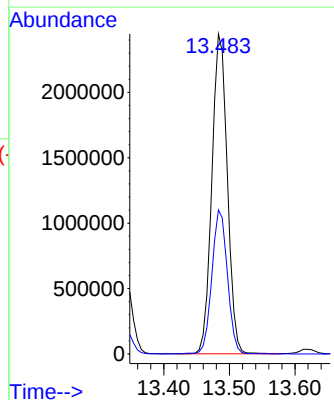
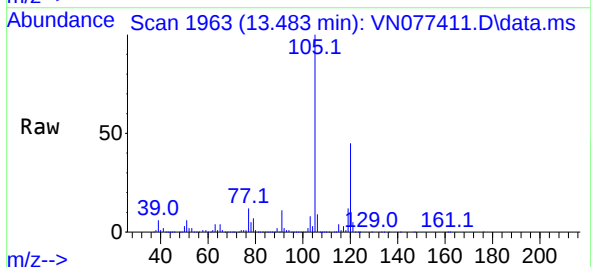
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

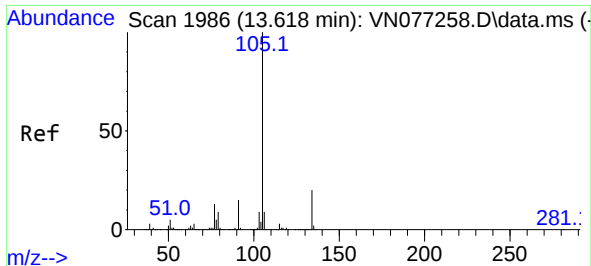
Tgt Ion:119 Resp: 100763
Ion Ratio Lower Upper
119 100
91 60.1 33.5 100.4
134 25.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 135.248 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion:105 Resp: 4003707
Ion Ratio Lower Upper
105 100
120 45.2 22.5 67.5

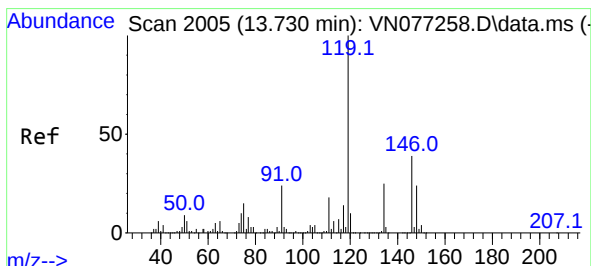
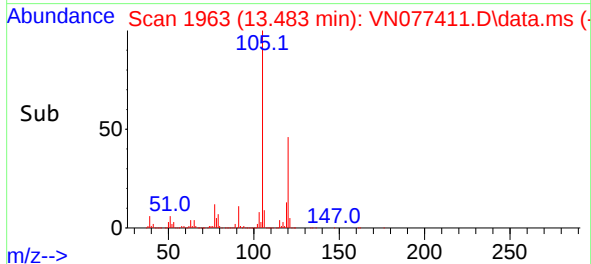
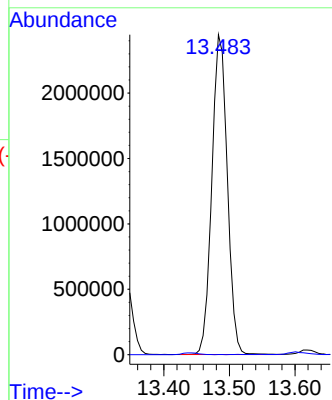
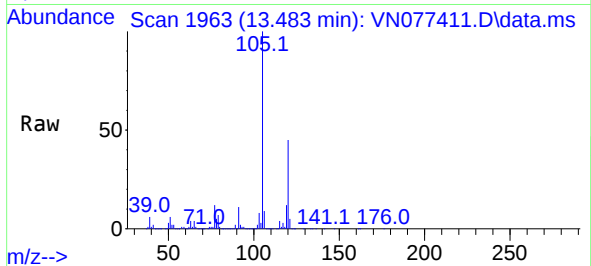




#85
sec-Butylbenzene
Concen: 107.712 ug/l
RT: 13.483 min Scan# 1986
Delta R.T. -0.135 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

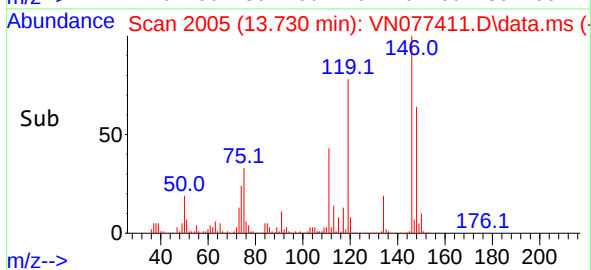
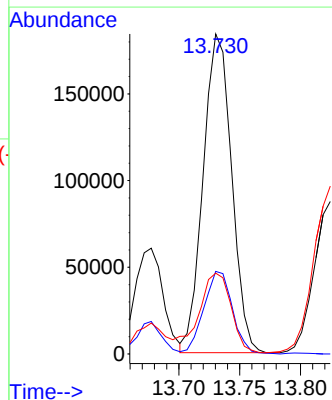
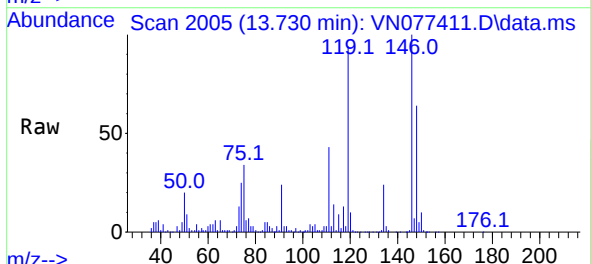
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

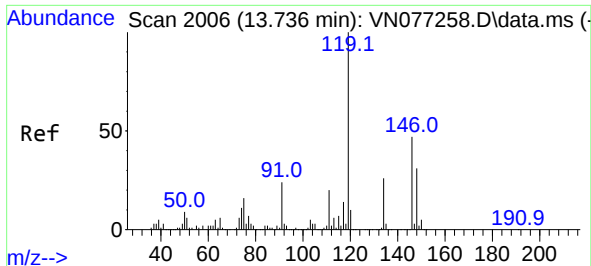
Tgt Ion:105 Resp: 4003707
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#



#86
p-Isopropyltoluene
Concen: 10.244 ug/l
RT: 13.730 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion:119 Resp: 299259
Ion Ratio Lower Upper
119 100
134 26.0 12.9 38.6
91 28.2 12.3 36.8

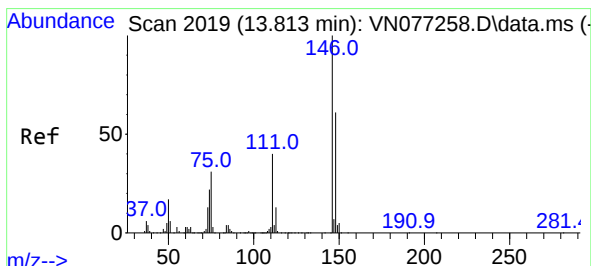
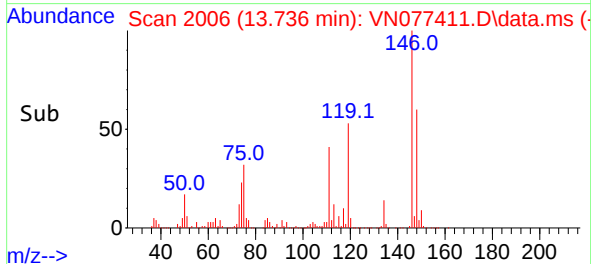
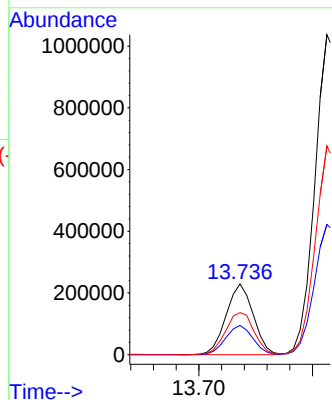
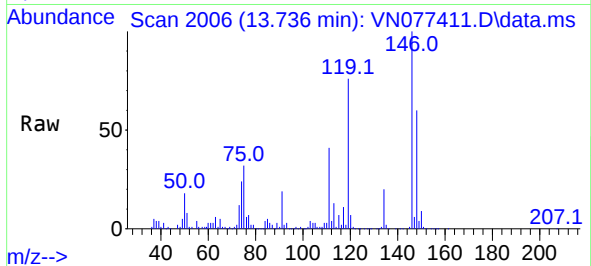




#87
1,3-Dichlorobenzene
Concen: 26.954 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

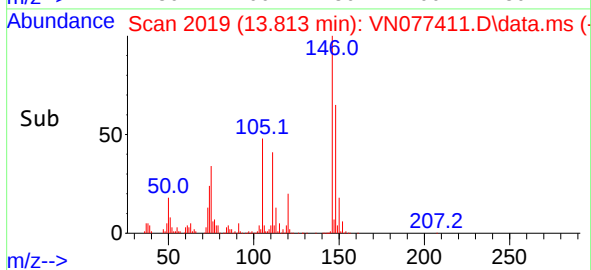
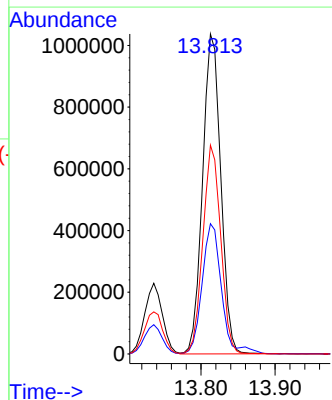
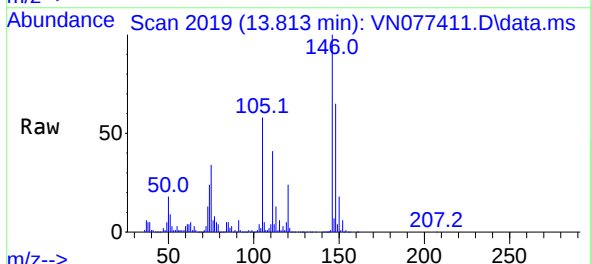
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

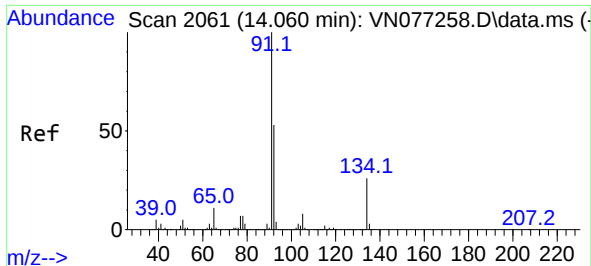
Tgt Ion:146 Resp: 380387
Ion Ratio Lower Upper
146 100
111 41.7 21.8 65.4
148 62.8 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 127.065 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion:146 Resp: 1768372
Ion Ratio Lower Upper
146 100
111 43.2 20.4 61.2
148 64.1 31.6 95.0

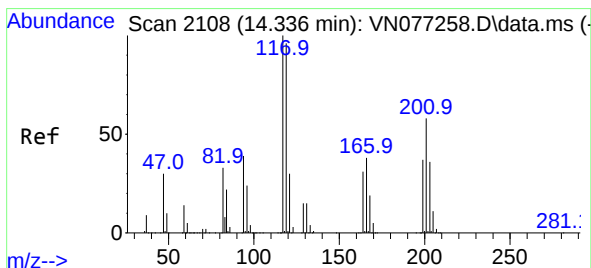
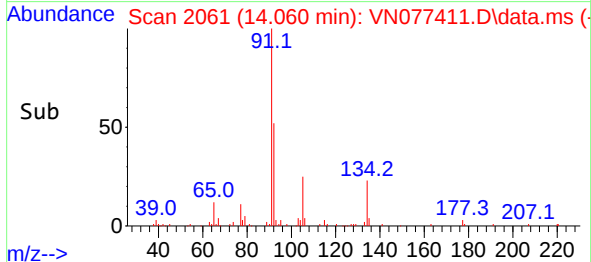
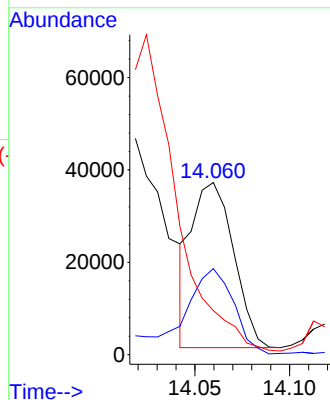
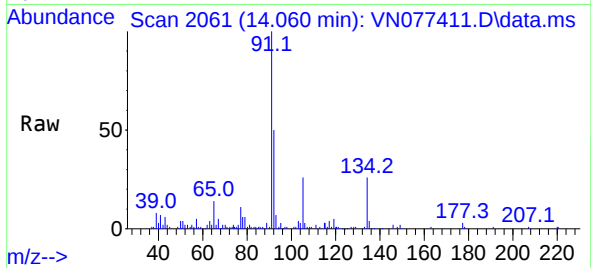




#89
n-Butylbenzene
Concen: 2.248 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

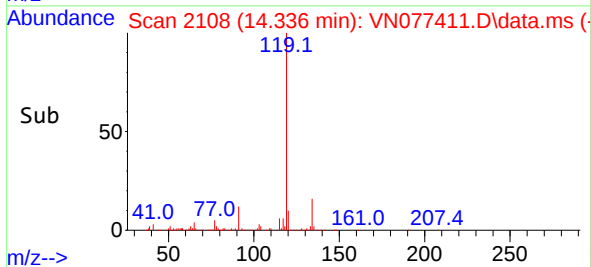
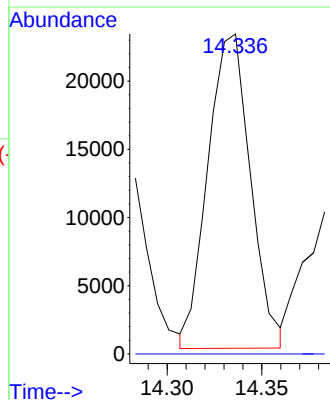
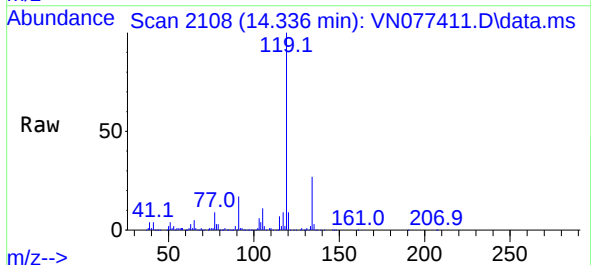
Instrument :
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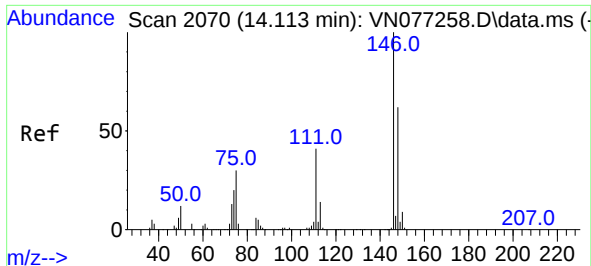
Tgt Ion: 91 Resp: 54527
Ion Ratio Lower Upper
91 100
92 56.3 26.7 80.0
134 0.0 12.8 38.3#



#90
Hexachloroethane
Concen: 5.651 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 117 Resp: 36095
Ion Ratio Lower Upper
117 100
201 0.0 29.8 89.5#

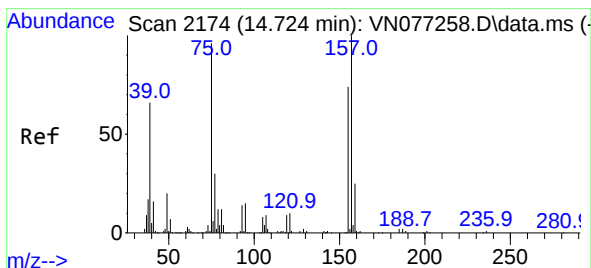
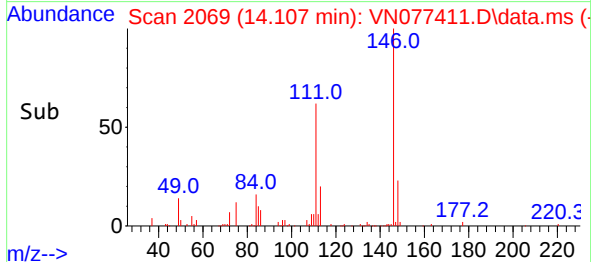
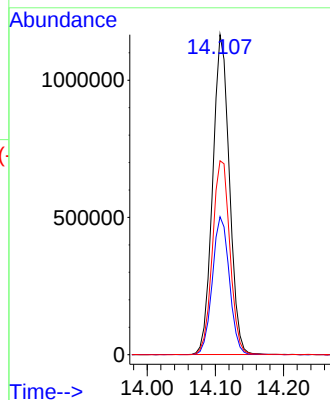
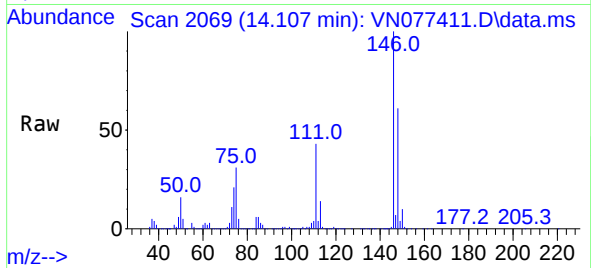




#91
1,2-Dichlorobenzene
Concen: 141.169 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

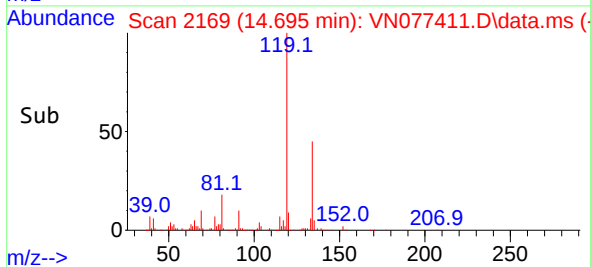
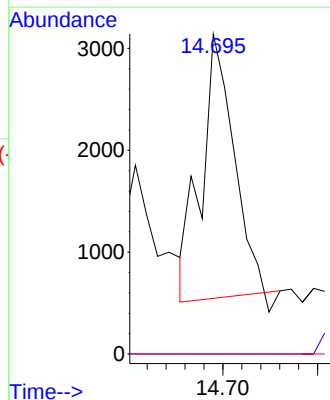
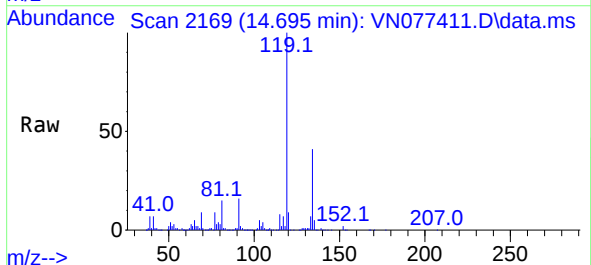
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

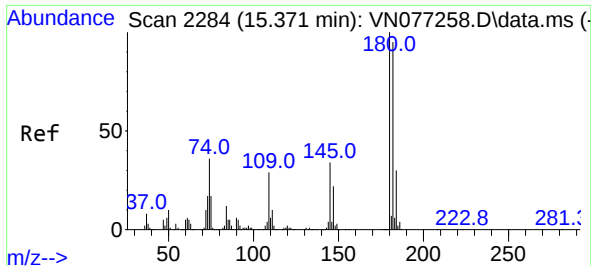
Tgt Ion:146 Resp: 1993045
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.5
148 63.4 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.372 ug/l
RT: 14.695 min Scan# 2169
Delta R.T. -0.029 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

Tgt Ion: 75 Resp: 3061
Ion Ratio Lower Upper
75 100
155 0.0 41.0 123.2#
157 0.0 54.0 162.0#

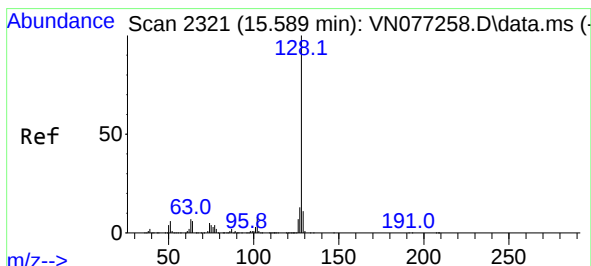
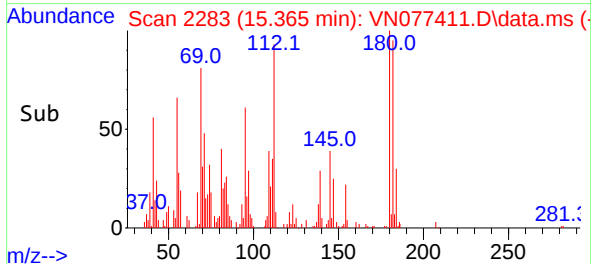
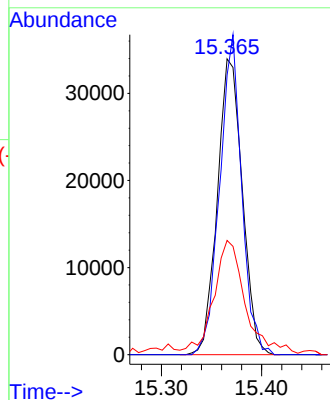
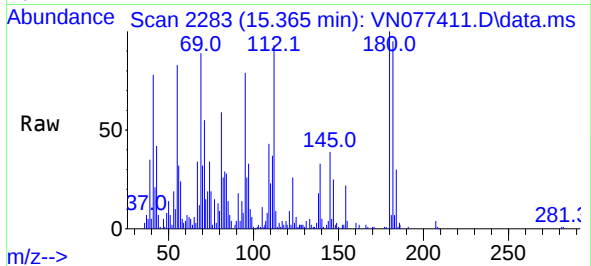




#93
1,2,4-Trichlorobenzene
Concen: 11.506 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

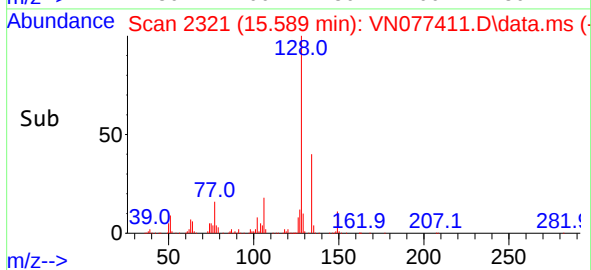
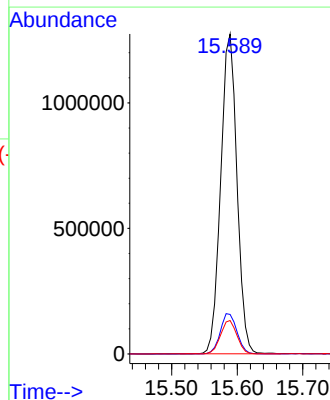
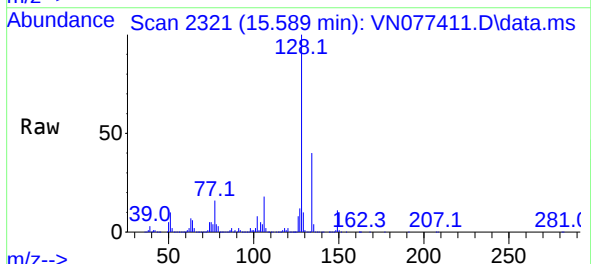
Instrument :
MSVOA_N
ClientSampleId :
SPA-5WC-23-04

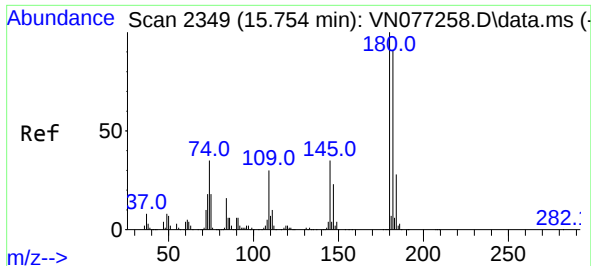
Tgt Ion:180	Resp:	58641
Ion Ratio	Lower	Upper
180	100	
182	95.3	46.7 140.0
145	49.6	16.6 49.8



#95
Naphthalene
Concen: 114.079 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VN077411.D
Acq: 20 Apr 2023 19:36

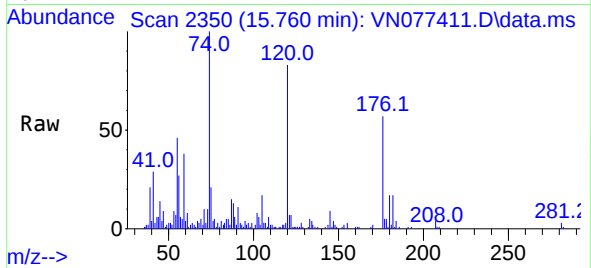
Tgt Ion:128	Resp:	2184068
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.2 15.4
129	10.5	8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 1.699 ug/l
 RT: 15.760 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN077411.D
 Acq: 20 Apr 2023 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SPA-5WC-23-04



Tgt Ion:	180	Resp:	8282
Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.9	140.8
145	73.9	17.6	52.8#

