

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077410.D
 Acq On : 20 Apr 2023 19:12
 Operator : JC\MD
 Sample : 02386-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPA-4WC-23-04

Quant Time: Apr 21 02:41:48 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	547132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1053697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	985447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	439773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	352928	47.196	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.400%		
35) Dibromofluoromethane	8.172	113	311105	46.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.240%		
50) Toluene-d8	10.572	98	1274042	46.917	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.840%		
62) 4-Bromofluorobenzene	12.854	95	475642	52.666	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.340%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.531	59	12053	7.899	ug/l #	76
16) Acetone	4.443	43	121468	44.056	ug/l	97
17) Carbon Disulfide	4.719	76	4269	0.247	ug/l #	75
18) Methyl Acetate	5.054	43	10544	1.004	ug/l #	84
20) Methylene Chloride	5.296	84	20292	2.606	ug/l #	77
24) 1,1-Dichloroethane	6.578	63	4479	0.357	ug/l #	81
25) 2-Butanone	7.495	43	41286	9.227	ug/l	94
26) 2,2-Dichloropropane	7.431	77	9123	0.794	ug/l #	51
27) cis-1,2-Dichloroethene	7.489	96	17316	2.021	ug/l	90
29) Tetrahydrofuran	7.848	42	1067	0.371	ug/l #	47
31) Cyclohexane	8.231	56	26445	2.276	ug/l #	67
36) 1,1-Dichloropropene	8.225	75	45537	4.564	ug/l #	43
37) Ethyl Acetate	7.572	43	89058	9.977	ug/l #	91
38) Carbon Tetrachloride	8.231	117	59764	5.847	ug/l #	15
39) Methylcyclohexane	9.607	83	31940	2.374	ug/l	91
40) Benzene	8.613	78	4013614	128.980	ug/l	99
42) 1,2-Dichloroethane	8.689	62	4059	0.424	ug/l #	73
43) Isopropyl Acetate	8.689	43	418478	25.407	ug/l #	91
48) Methyl methacrylate	9.660	41	8858	1.261	ug/l #	7
49) 1,4-Dioxane	9.678	88	169	0.992	ug/l #	28
51) 4-Methyl-2-Pentanone	10.448	43	32493	3.413	ug/l #	81
52) Toluene	10.636	92	4477018	219.805	ug/l	99
53) t-1,3-Dichloropropene	10.725	75	3409	0.282	ug/l #	68
54) cis-1,3-Dichloropropene	10.360	75	159041	12.355	ug/l #	62
55) 1,1,2-Trichloroethane	11.013	97	5070	0.634	ug/l #	15
56) Ethyl methacrylate	10.872	69	3370	0.271	ug/l #	31
57) 1,3-Dichloropropane	11.207	76	18390	1.392	ug/l #	42
59) 2-Hexanone	11.172	43	287705	40.563	ug/l #	20
65) Chlorobenzene	11.895	112	4175188	192.442	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.830	131	2663	0.324	ug/l #	8
67) Ethyl Benzene	11.966	91	12945550	323.352	ug/l	100
68) m/p-Xylenes	12.072	106	9940749	631.929	ug/l	86
69) o-Xylene	12.401	106	3118513	200.950	ug/l	99
70) Styrene	12.407	104	213019	8.530	ug/l #	1
71) Bromoform	12.854	173	2549	0.441	ug/l #	1
73) Isopropylbenzene	12.701	105	544990	12.759	ug/l	100

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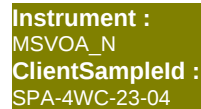
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

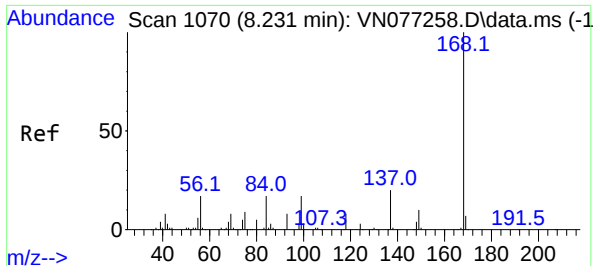
76) 1,2,3-Trichloropropane	13.101	75	28951	2.765	ug/l #	1
77) Bromobenzene	12.989	156	2364	0.272	ug/l #	1
78) n-propylbenzene	13.036	91	709334	15.029	ug/l	100
79) 2-Chlorotoluene	13.101	91	294594	10.366	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.177	105	1115715	32.703	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.854	75	262873	56.488	ug/l #	13
82) 4-Chlorotoluene	13.177	91	108144	4.036	ug/l #	41
83) tert-Butylbenzene	13.442	119	82788	2.726	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	3997022	118.588	ug/l	100
85) sec-Butylbenzene	13.483	105	3997022	94.445	ug/l #	57
86) p-Isopropyltoluene	13.730	119	243193	7.312	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	303834	18.909	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	1356248	85.591	ug/l	99
89) n-Butylbenzene	14.060	91	55657	2.016	ug/l #	81
90) Hexachloroethane	14.330	117	36086	4.962	ug/l #	21
91) 1,2-Dichlorobenzene	14.107	146	2203493	137.080	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.695	75	4102	1.615	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.371	180	159765	27.533	ug/l	95
95) Naphthalene	15.589	128	2556574	117.284	ug/l	100
96) 1,2,3-Trichlorobenzene	15.760	180	10788	1.944	ug/l #	84

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

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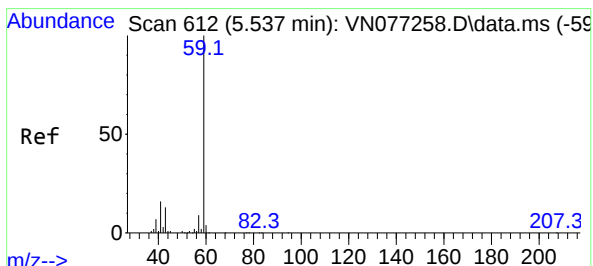
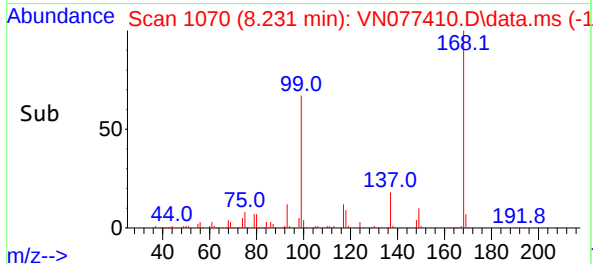
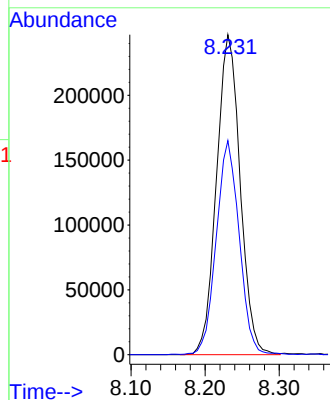
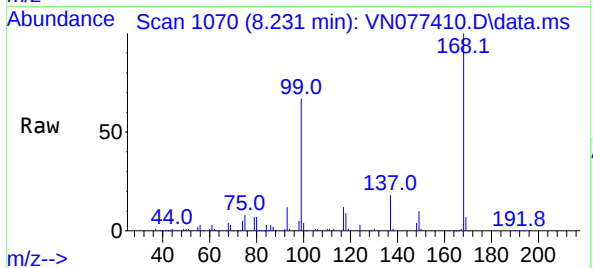




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

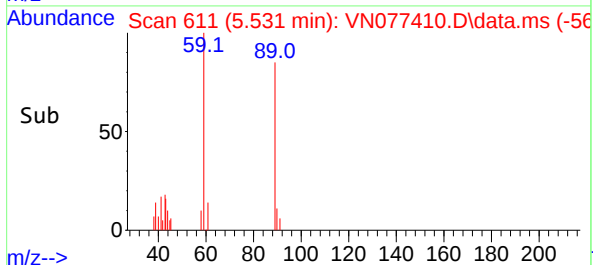
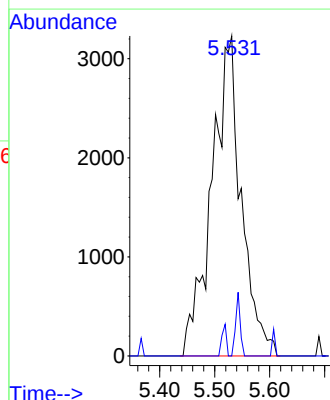
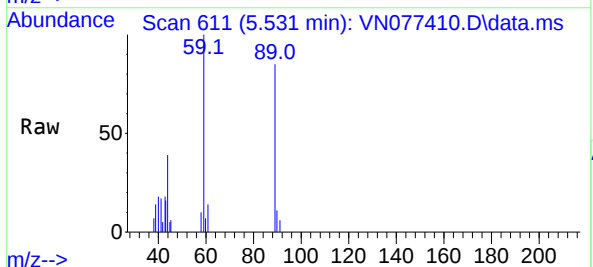
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

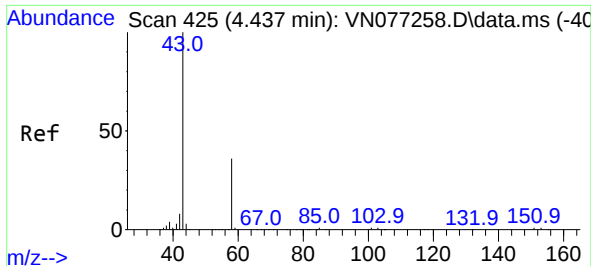
Tgt Ion:168 Resp: 547132
Ion Ratio Lower Upper
168 100
99 66.8 50.6 75.8



#11
Tert butyl alcohol
Concen: 7.899 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 59 Resp: 12053
Ion Ratio Lower Upper
59 100
57 1.5 8.3 12.5#

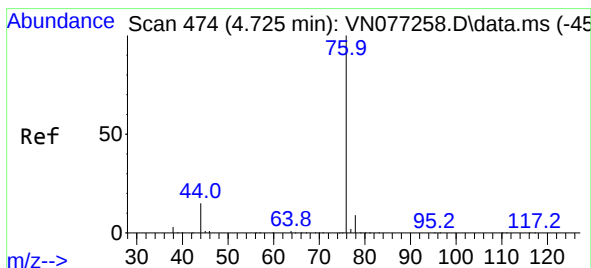
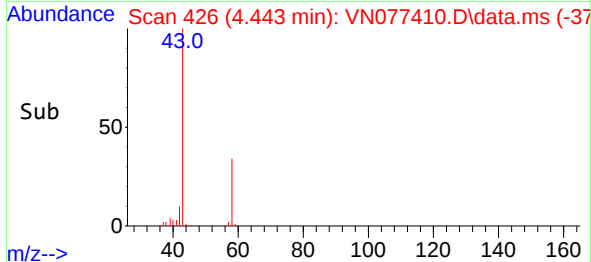
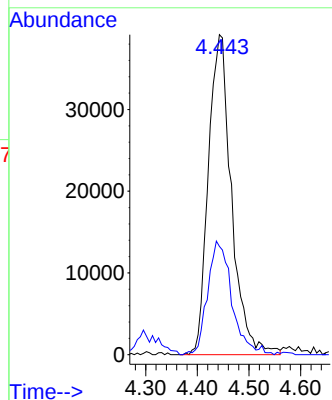
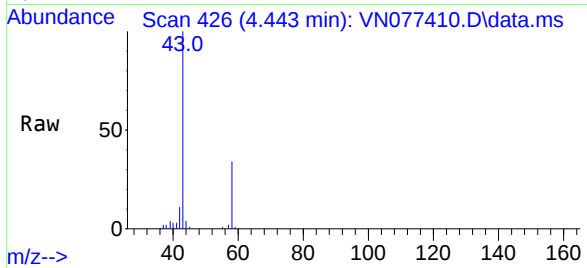




#16
Acetone
Concen: 44.056 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

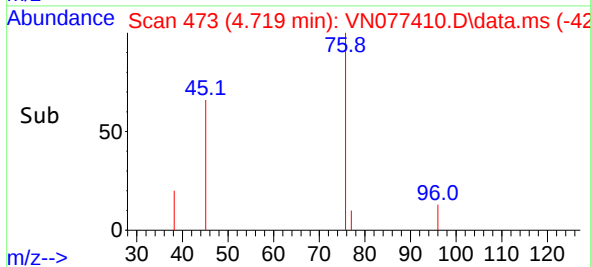
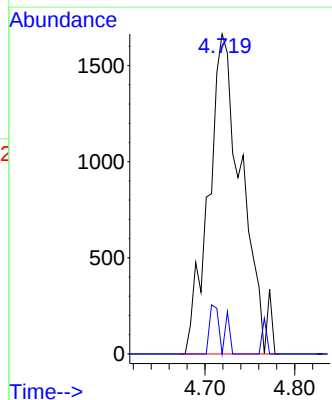
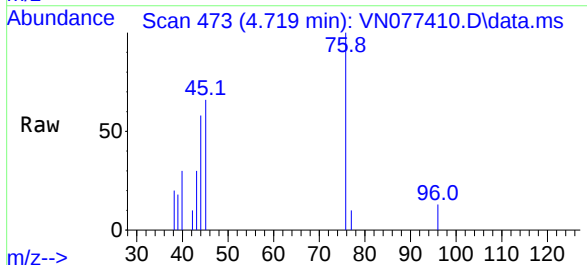
Instrument :
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SPA-4WC-23-04

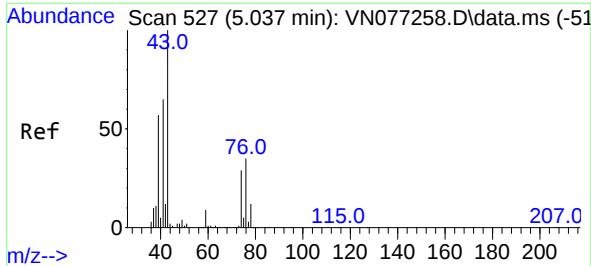
Tgt Ion: 43 Resp: 121468
Ion Ratio Lower Upper
43 100
58 34.3 29.0 43.6



#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 76 Resp: 4269
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#





#18

Methyl Acetate

Concen: 1.004 ug/l

RT: 5.054 min Scan# 51

Delta R.T. 0.017 min

Lab File: VN077410.D

Acq: 20 Apr 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

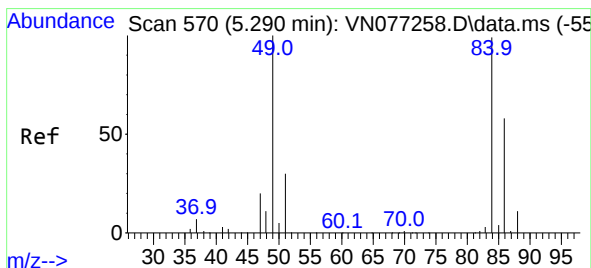
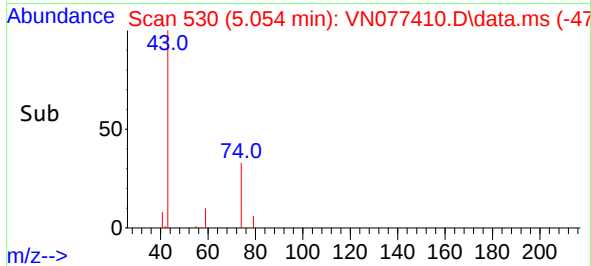
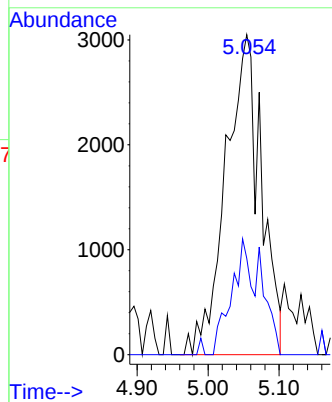
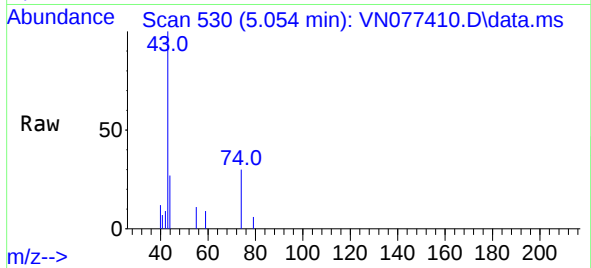
SPA-4WC-23-04

Tgt Ion: 43 Resp: 10544

Ion Ratio Lower Upper

43 100

74 20.6 23.4 35.2#



#20

Methylene Chloride

Concen: 2.606 ug/l

RT: 5.296 min Scan# 571

Delta R.T. 0.006 min

Lab File: VN077410.D

Acq: 20 Apr 2023 19:12

Tgt Ion: 84 Resp: 20292

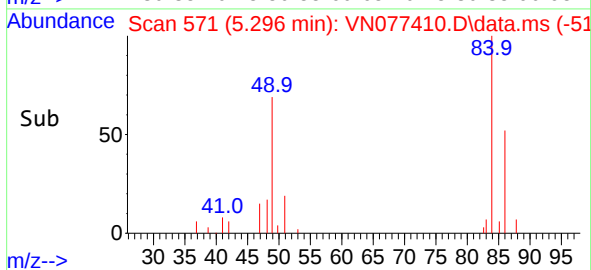
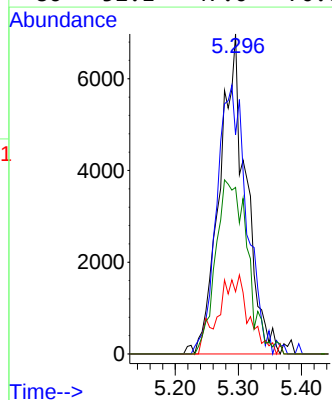
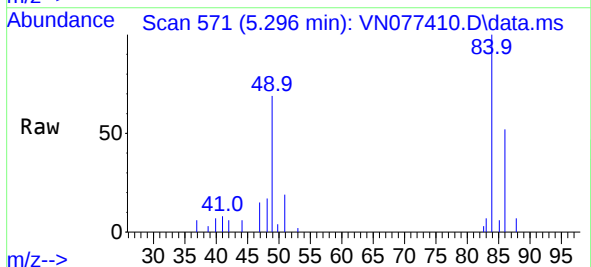
Ion Ratio Lower Upper

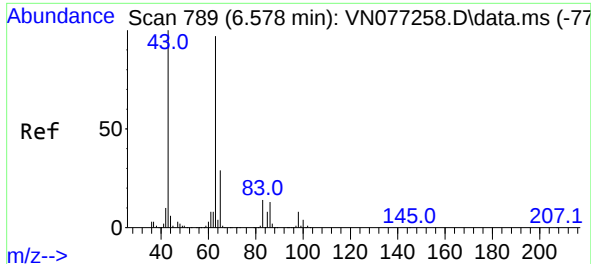
84 100

49 68.5 80.6 121.0#

51 19.5 24.4 36.6#

86 52.1 47.0 70.6

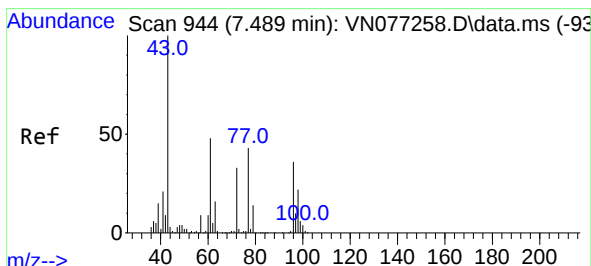
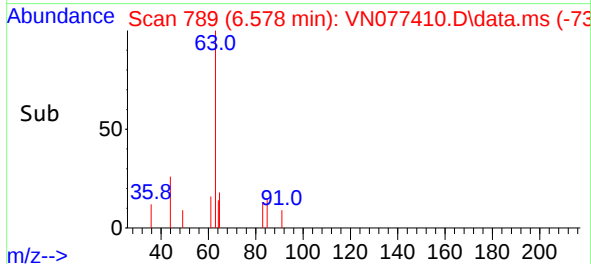
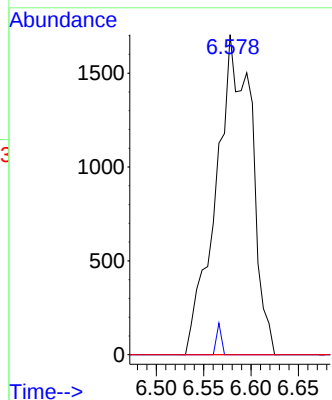
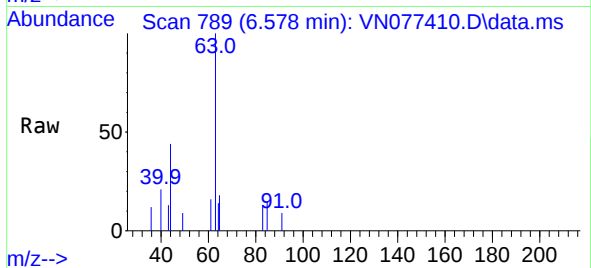




#24
1,1-Dichloroethane
Concen: 0.357 ug/l
RT: 6.578 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

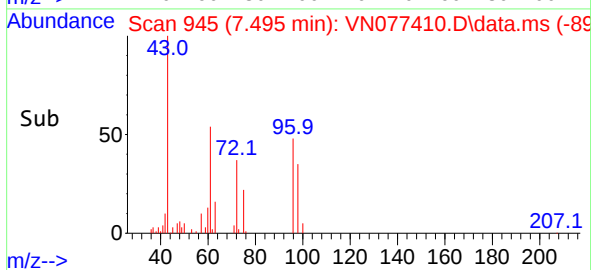
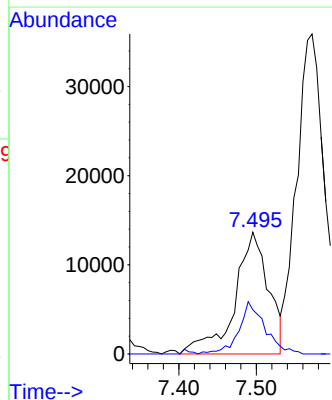
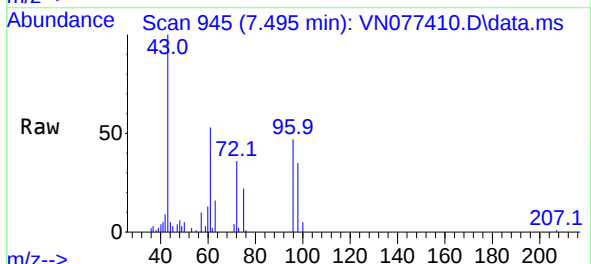
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SPA-4WC-23-04

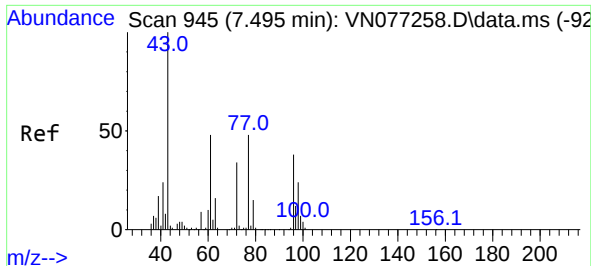
Tgt Ion: 63 Resp: 4479
Ion Ratio Lower Upper
63 100
98 0.0 4.0 12.0#
100 0.0 2.3 6.9#



#25
2-Butanone
Concen: 9.227 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 43 Resp: 41286
Ion Ratio Lower Upper
43 100
72 36.3 26.6 39.8

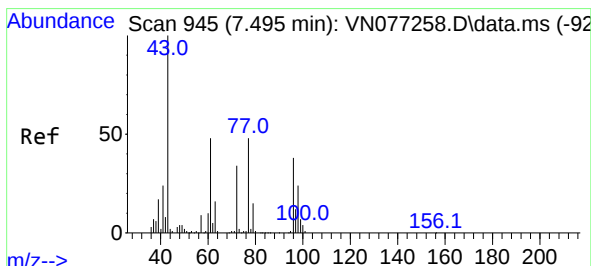
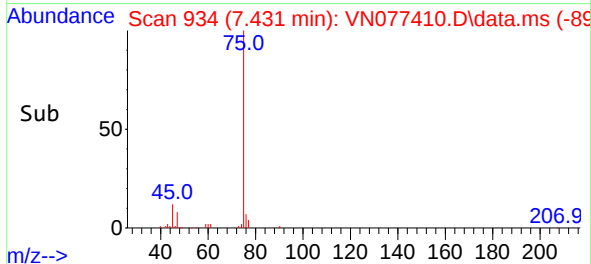
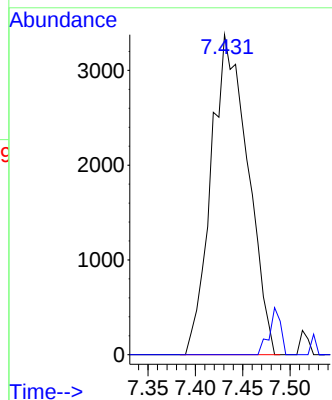
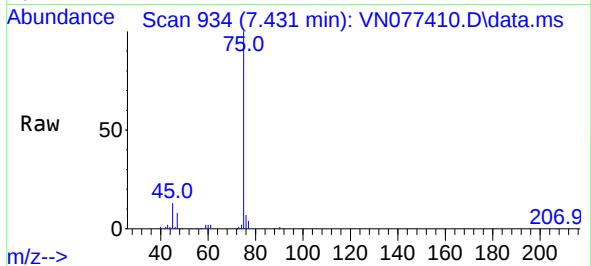




#26
2,2-Dichloropropane
Concen: 0.794 ug/l
RT: 7.431 min Scan# 912
Delta R.T. -0.064 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

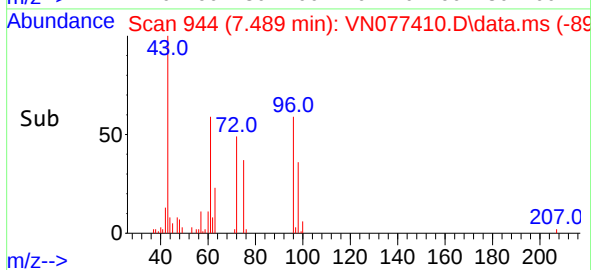
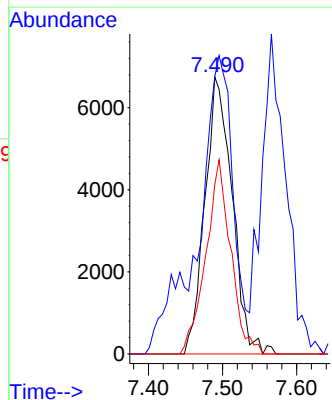
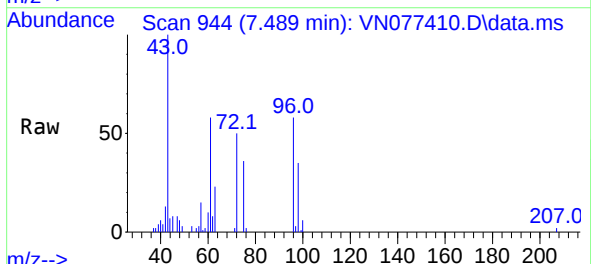
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SPA-4WC-23-04

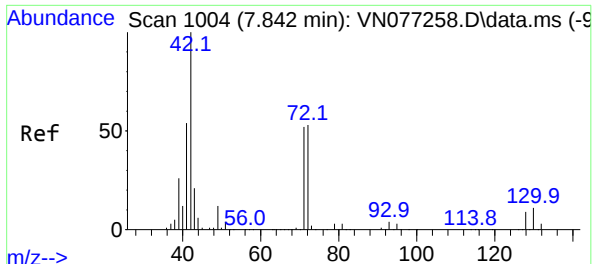
Tgt Ion: 77 Resp: 9123
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



#27
cis-1,2-Dichloroethene
Concen: 2.021 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 96 Resp: 17316
Ion Ratio Lower Upper
96 100
61 113.5 0.0 261.0
98 63.8 0.0 128.0

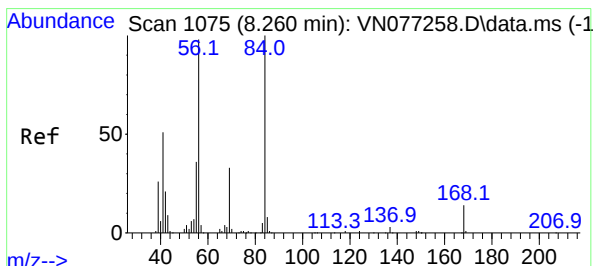
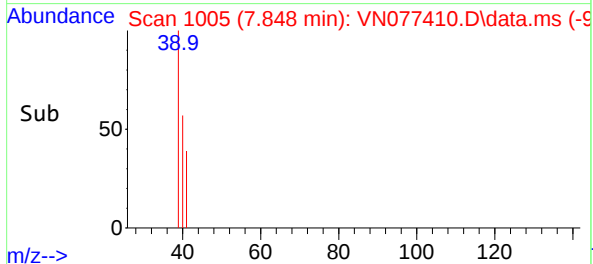
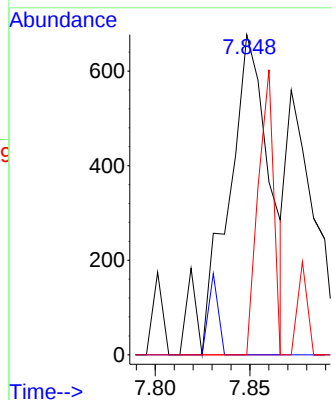
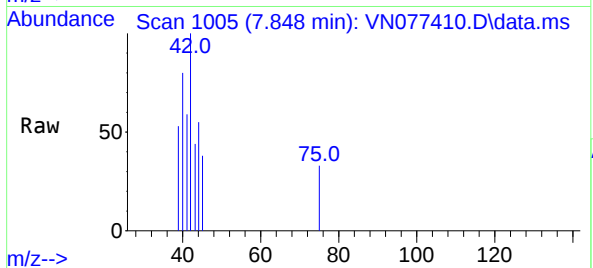




#29
Tetrahydrofuran
Concen: 0.371 ug/l
RT: 7.848 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

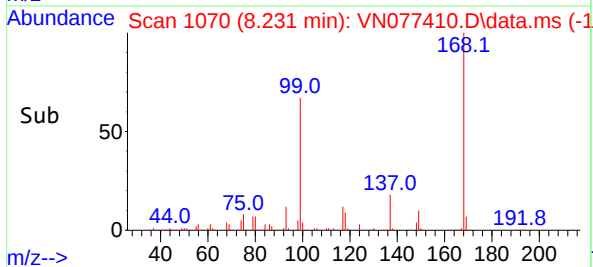
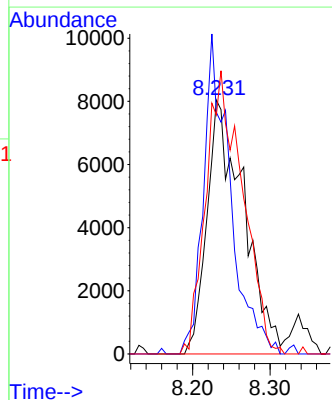
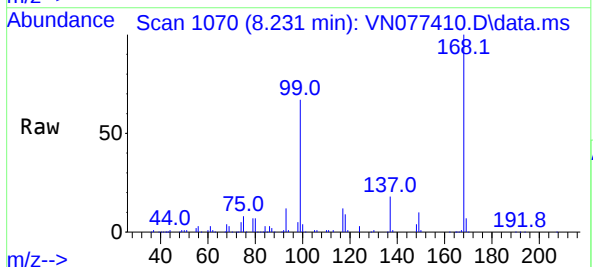
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MSVOA_N
ClientSampleId :
SPA-4WC-23-04

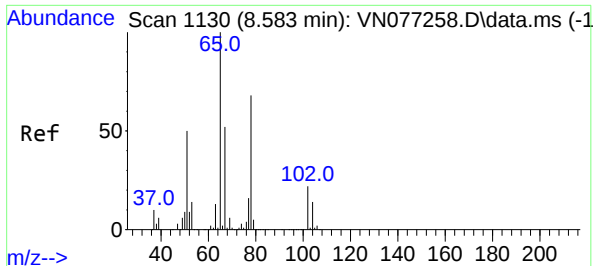
Tgt Ion: 42 Resp: 1067
Ion Ratio Lower Upper
42 100
72 0.0 44.6 66.8#
71 31.7 41.3 61.9#



#31
Cyclohexane
Concen: 2.276 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.029 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 56 Resp: 26445
Ion Ratio Lower Upper
56 100
69 95.1 26.6 40.0#
84 94.1 81.8 122.8

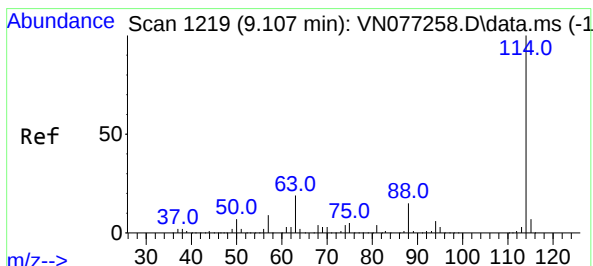
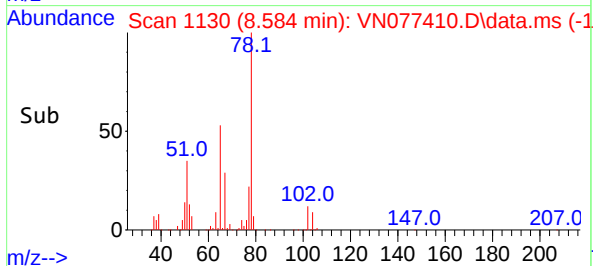
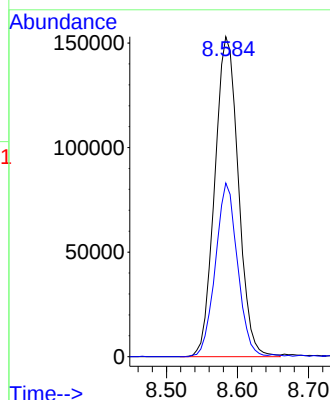
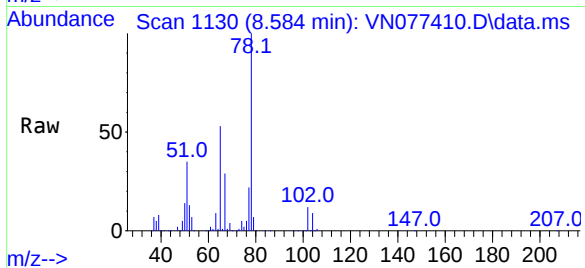




#33
1,2-Dichloroethane-d4
Concen: 47.196 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

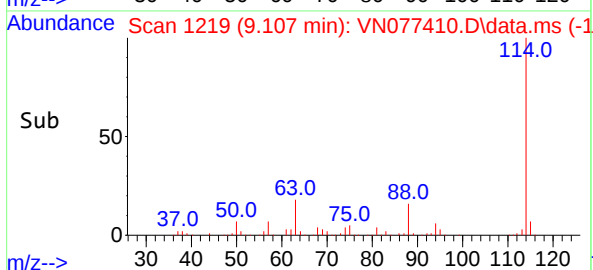
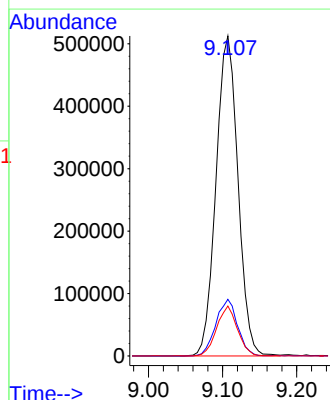
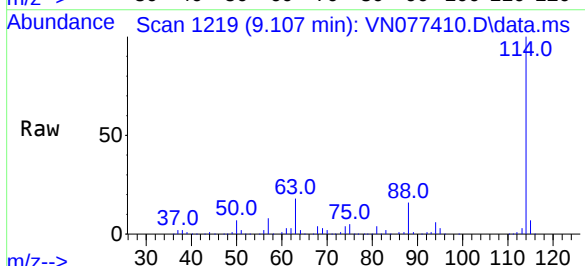
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

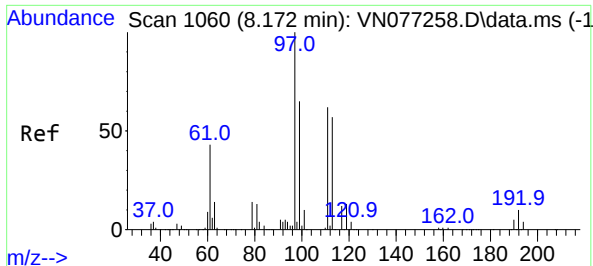
Tgt Ion: 65 Resp: 352928
Ion Ratio Lower Upper
65 100
67 50.7 0.0 108.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

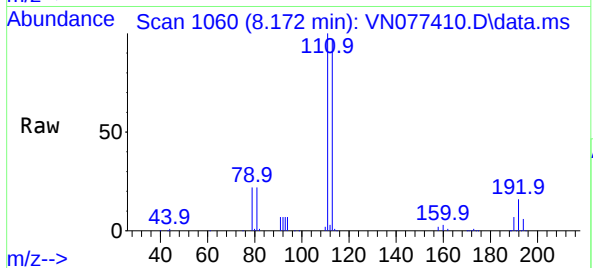
Tgt Ion: 114 Resp: 1053697
Ion Ratio Lower Upper
114 100
63 17.7 0.0 37.8
88 15.6 0.0 29.4



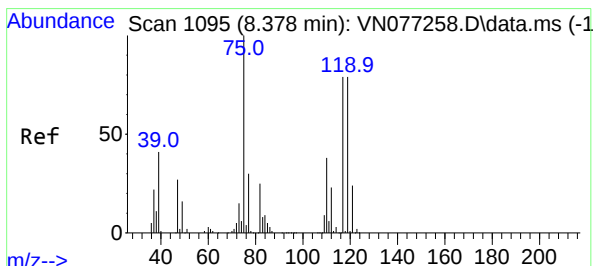
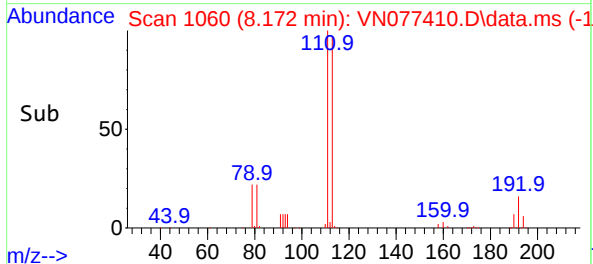
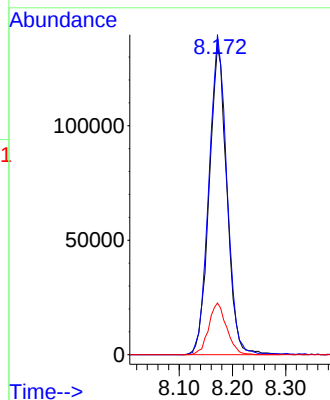


#35
Dibromofluoromethane
Concen: 46.121 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

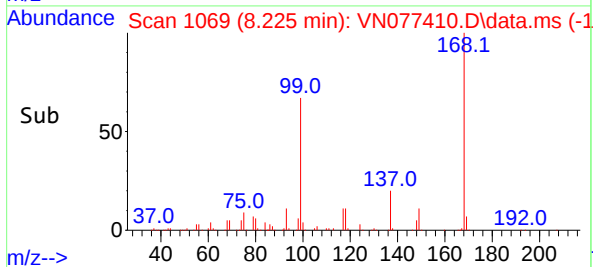
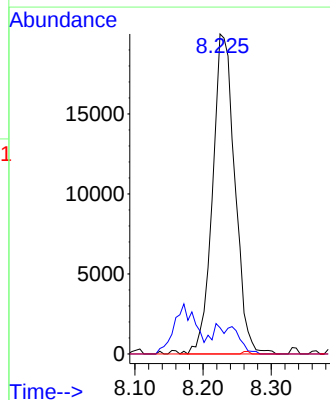
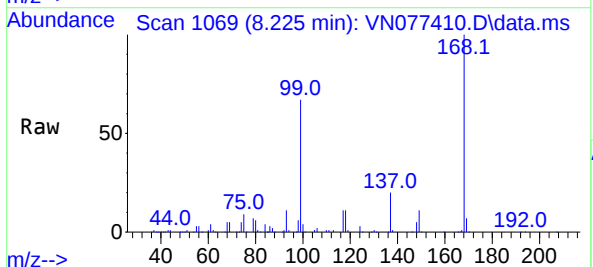


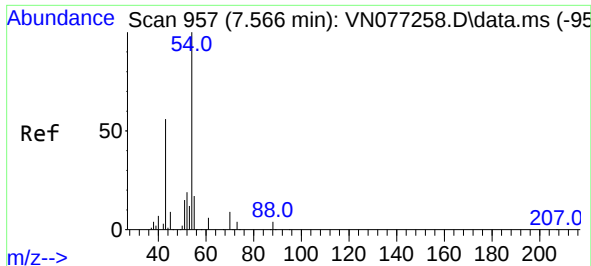
Tgt Ion:113 Resp: 311105
Ion Ratio Lower Upper
113 100
111 104.9 83.4 125.0
192 16.9 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.564 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.153 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 75 Resp: 45537
Ion Ratio Lower Upper
75 100
110 2.5 17.8 53.5#
77 0.0 25.0 37.4#

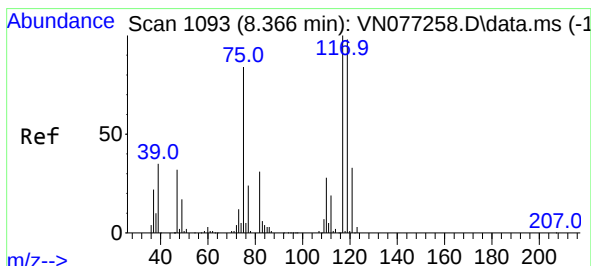
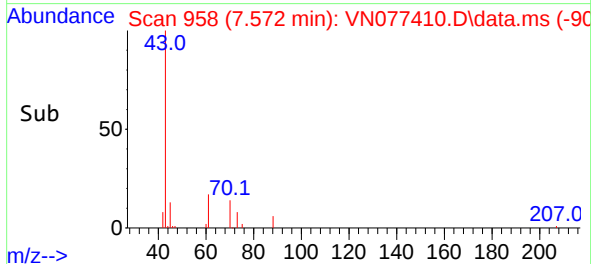
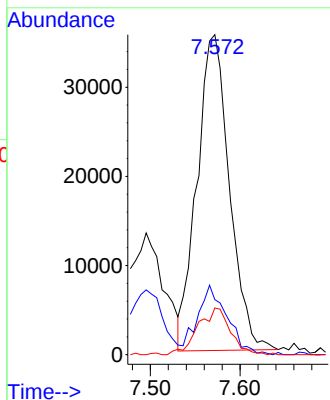
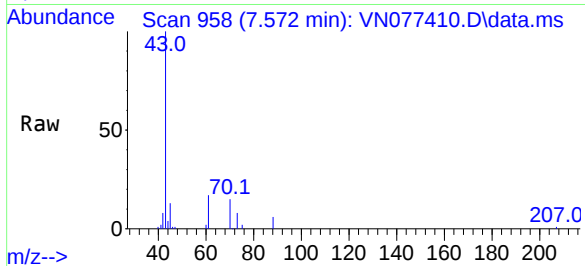




#37
Ethyl Acetate
Concen: 9.977 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

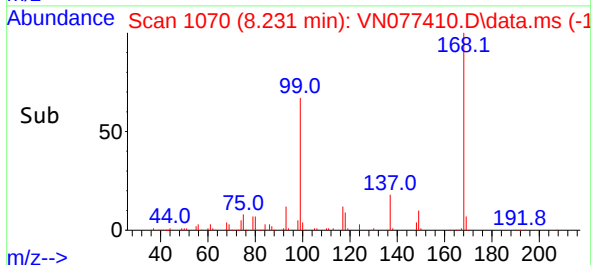
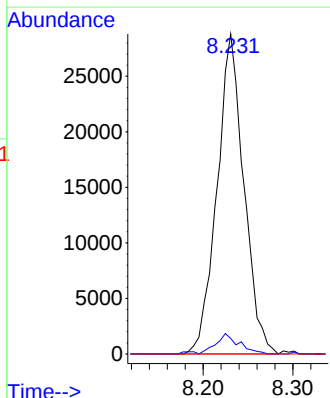
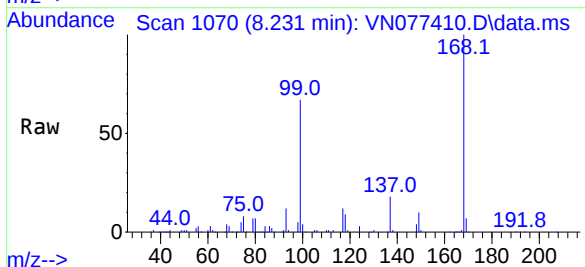
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

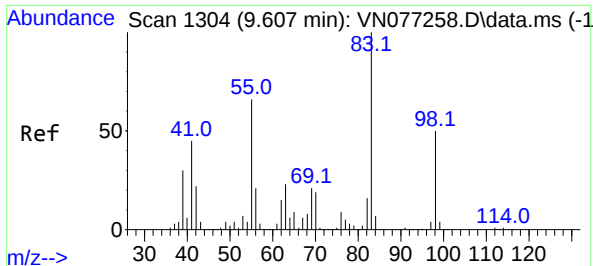
Tgt Ion: 43 Resp: 89058
Ion Ratio Lower Upper
43 100
61 20.0 12.2 18.2#
70 14.8 10.0 15.0



#38
Carbon Tetrachloride
Concen: 5.847 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 117 Resp: 59764
Ion Ratio Lower Upper
117 100
119 4.9 78.5 117.7#
121 0.0 26.6 40.0#





#39

Methylcyclohexane

Concen: 2.374 ug/l

RT: 9.607 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077410.D

Acq: 20 Apr 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

SPA-4WC-23-04

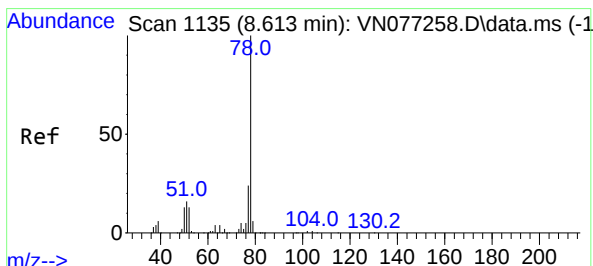
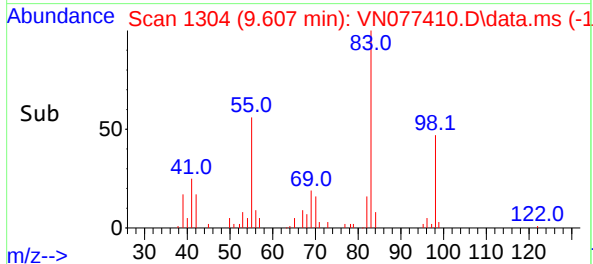
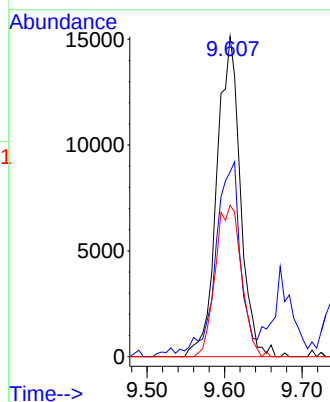
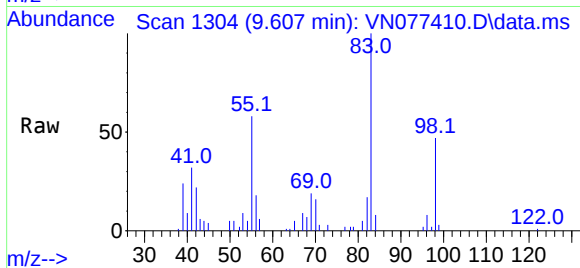
Tgt Ion: 83 Resp: 31940

Ion Ratio Lower Upper

83 100

55 55.4 52.4 78.6

98 47.4 39.8 59.6



#40

Benzene

Concen: 128.980 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077410.D

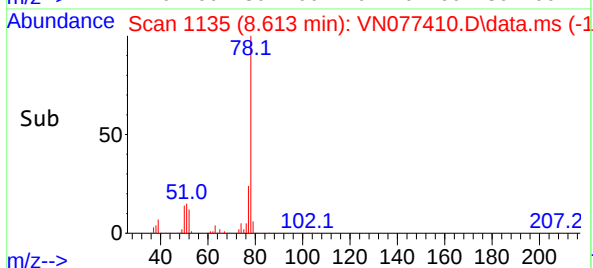
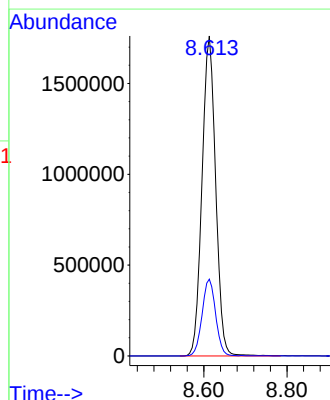
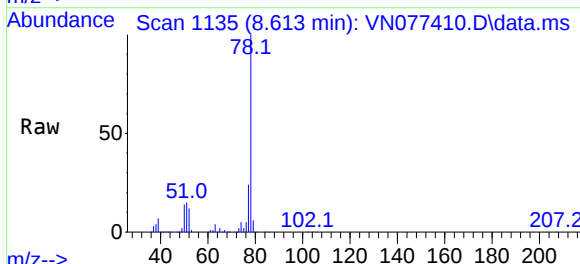
Acq: 20 Apr 2023 19:12

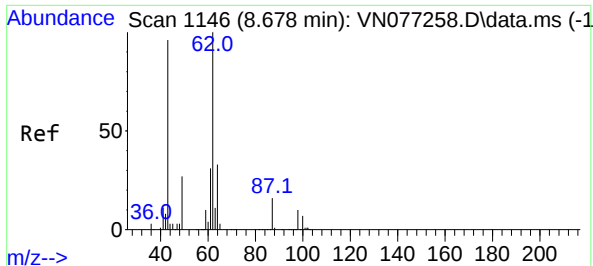
Tgt Ion: 78 Resp: 4013614

Ion Ratio Lower Upper

78 100

77 24.0 19.5 29.3





#42

1,2-Dichloroethane

Concen: 0.424 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. 0.011 min

Lab File: VN077410.D

Acq: 20 Apr 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

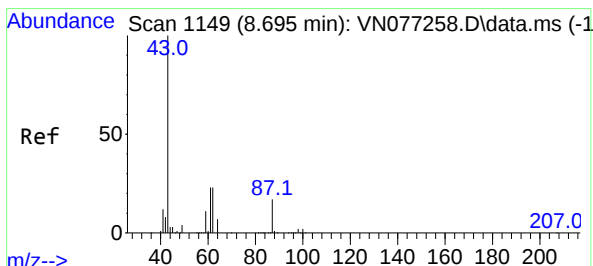
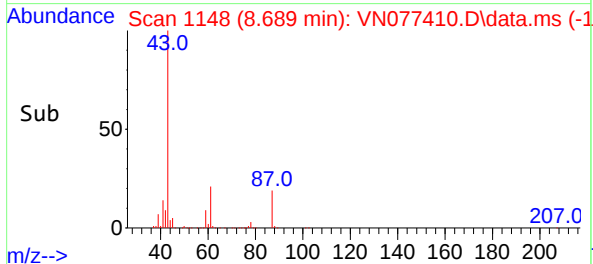
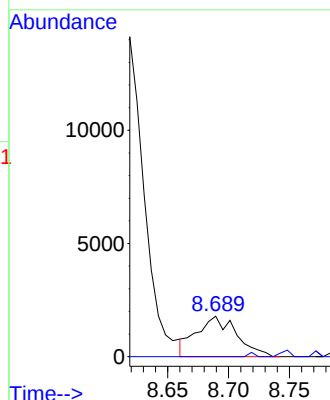
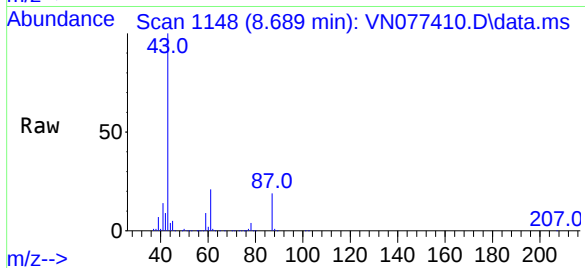
SPA-4WC-23-04

Tgt Ion: 62 Resp: 4059

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#43

Isopropyl Acetate

Concen: 25.407 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077410.D

Acq: 20 Apr 2023 19:12

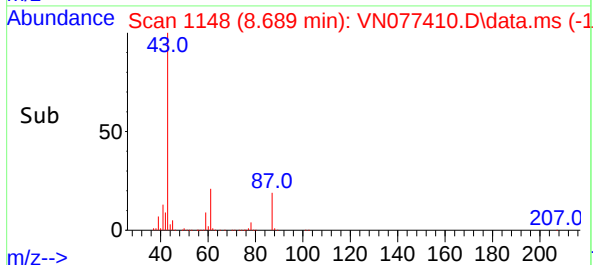
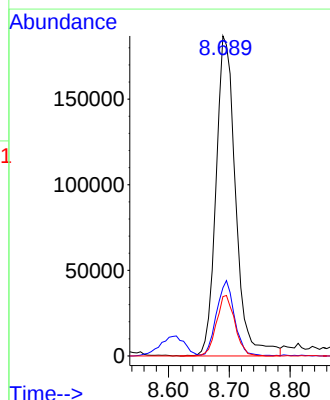
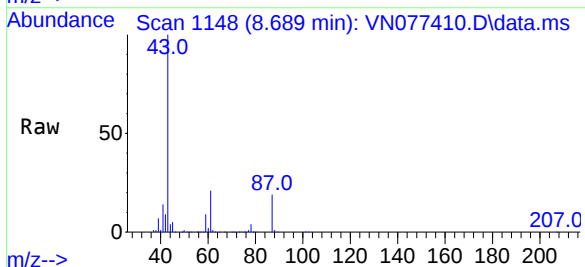
Tgt Ion: 43 Resp: 418478

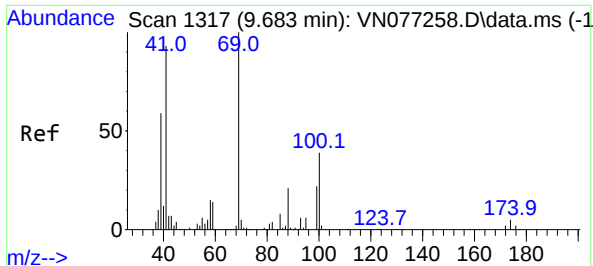
Ion Ratio Lower Upper

43 100

61 21.3 22.7 34.1#

87 17.7 13.6 20.4

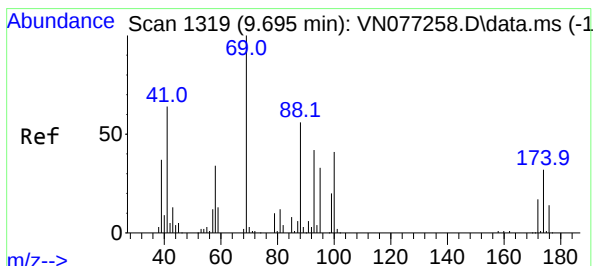
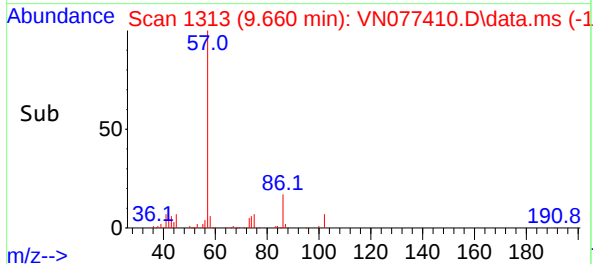
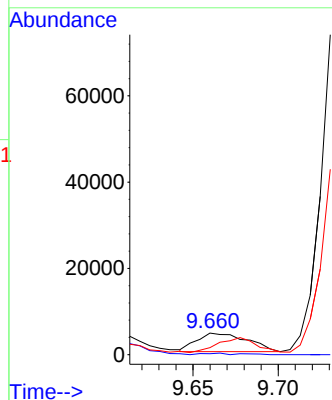
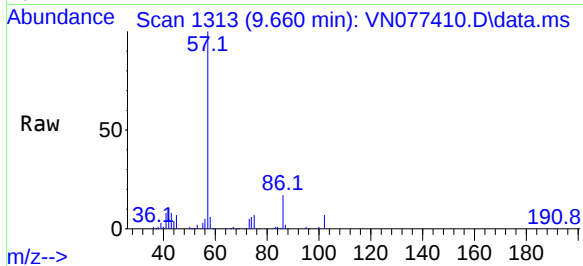




#48
Methyl methacrylate
Concen: 1.261 ug/l
RT: 9.660 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

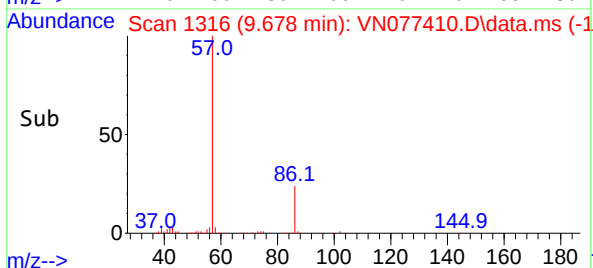
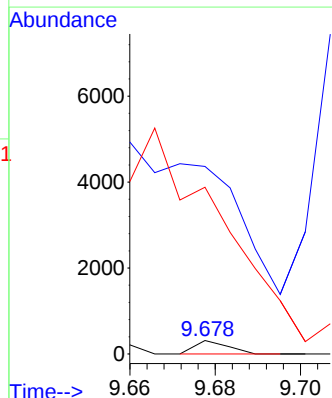
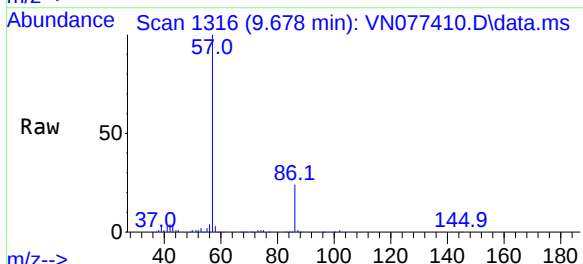
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

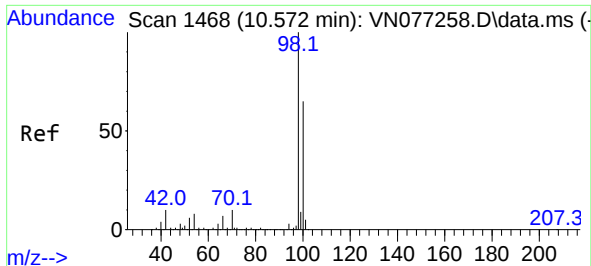
Tgt Ion: 41 Resp: 8858
Ion Ratio Lower Upper
41 100
69 3.5 85.0 127.6#
39 0.0 53.5 80.3#



#49
1,4-Dioxane
Concen: 0.992 ug/l
RT: 9.678 min Scan# 1316
Delta R.T. -0.017 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 88 Resp: 169
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 49.8 74.6#

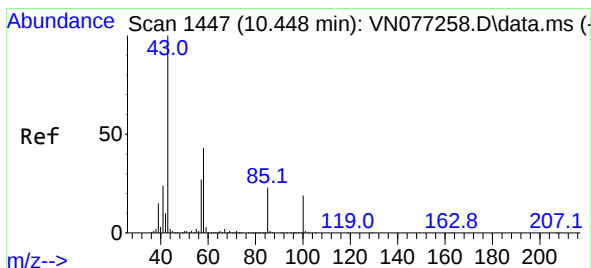
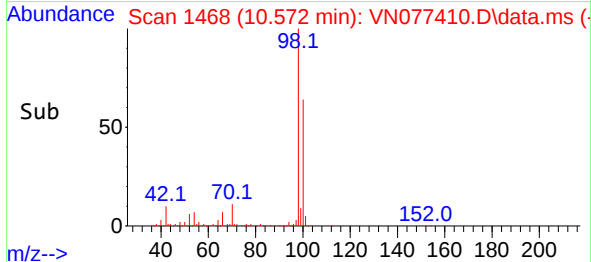
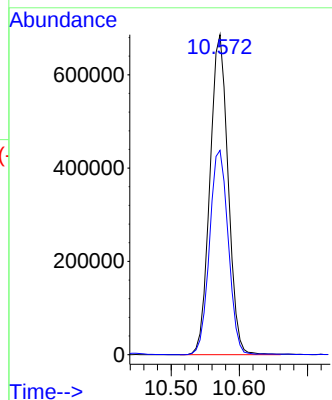
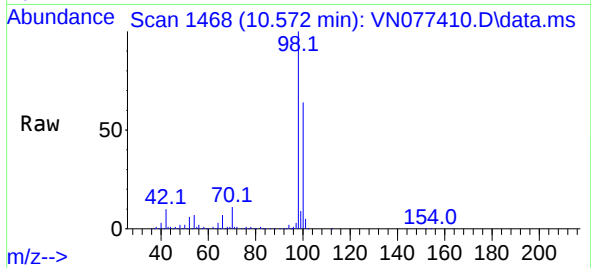




#50
Toluene-d8
Concen: 46.917 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

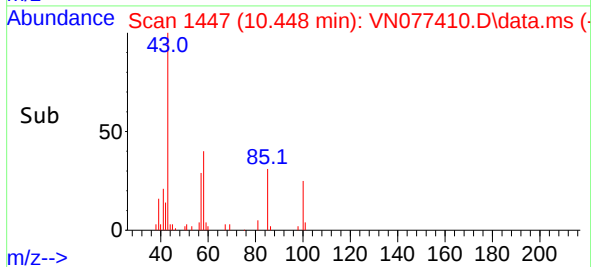
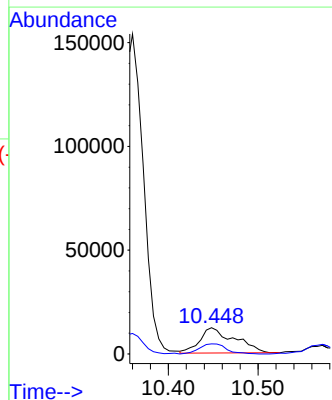
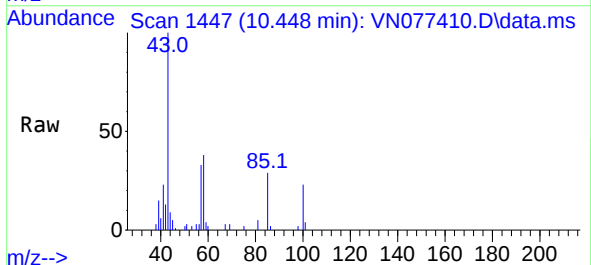
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

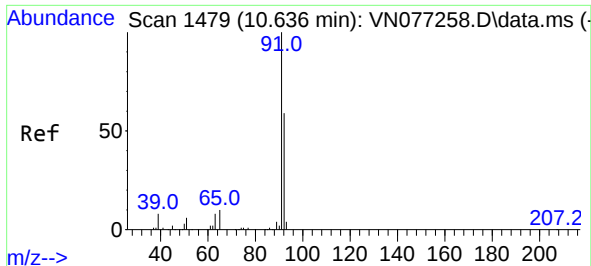
Tgt Ion: 98 Resp: 1274042
Ion Ratio Lower Upper
98 100
100 66.0 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 3.413 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 43 Resp: 32493
Ion Ratio Lower Upper
43 100
58 31.3 34.6 52.0#

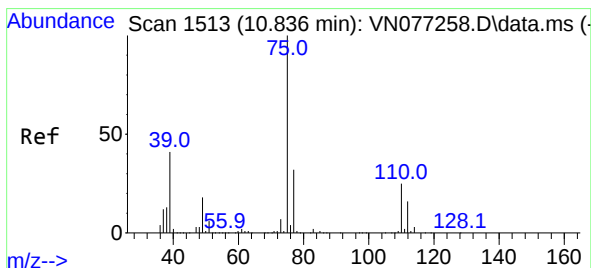
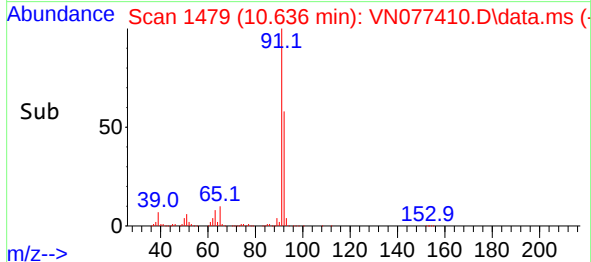
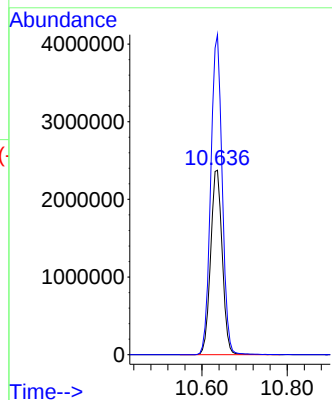
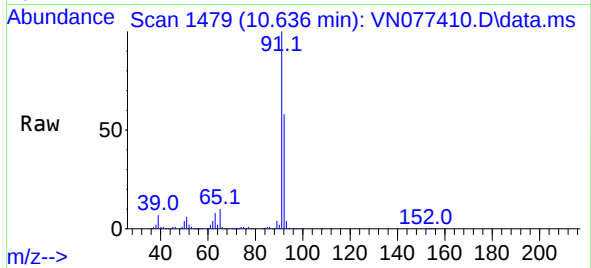




#52
Toluene
Concen: 219.805 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

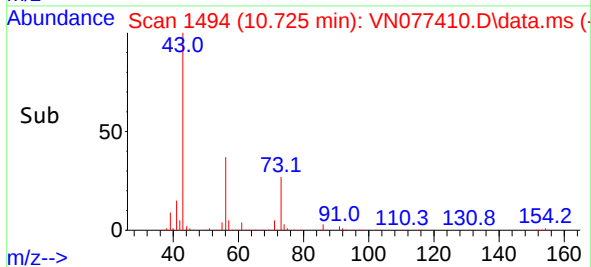
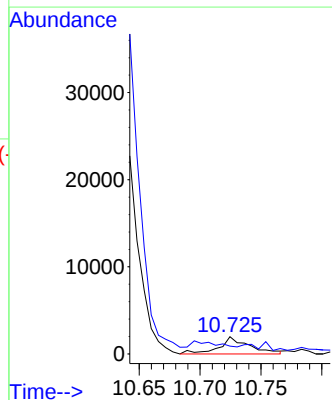
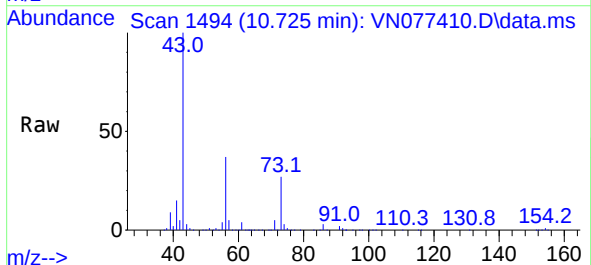
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

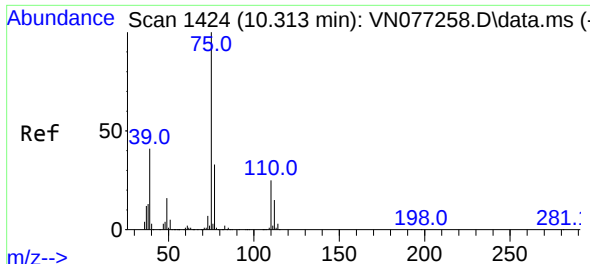
Tgt Ion: 92 Resp: 4477018
Ion Ratio Lower Upper
92 100
91 171.0 138.0 207.0



#53
t-1,3-Dichloropropene
Concen: 0.282 ug/l
RT: 10.725 min Scan# 1494
Delta R.T. -0.111 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 75 Resp: 3409
Ion Ratio Lower Upper
75 100
77 13.7 25.4 38.0#

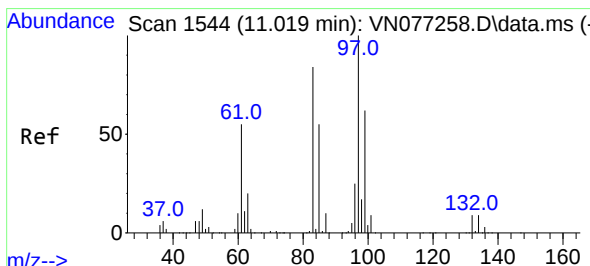
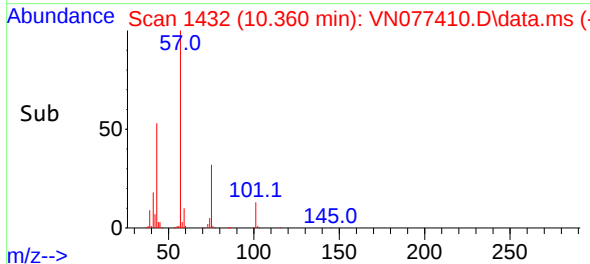
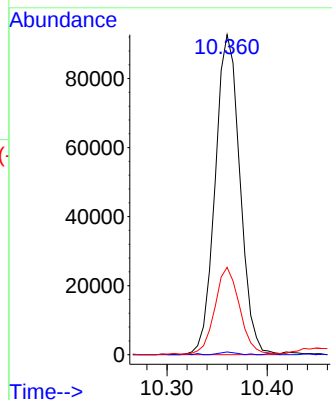
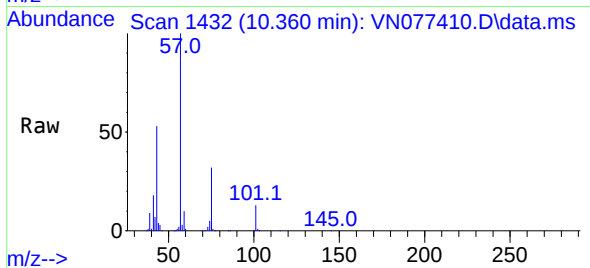




#54
 cis-1,3-Dichloropropene
 Concen: 12.355 ug/l
 RT: 10.360 min Scan# 1424
 Delta R.T. 0.047 min
 Lab File: VN077410.D
 Acq: 20 Apr 2023 19:12

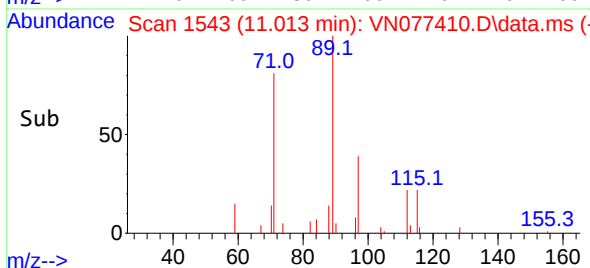
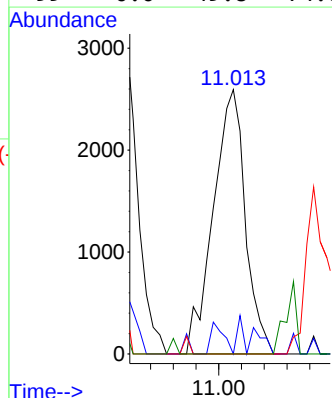
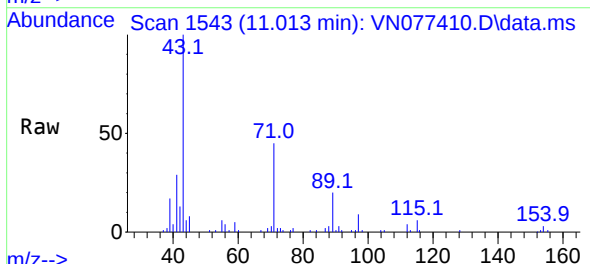
Instrument :
 MSVOA_N
 ClientSampleId :
 SPA-4WC-23-04

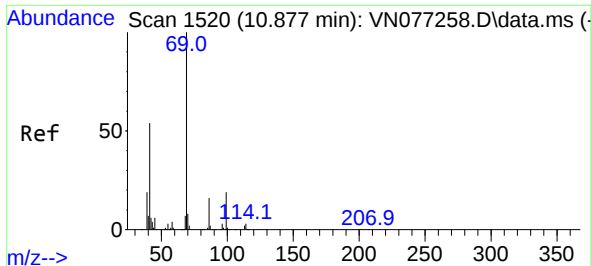
Tgt Ion: 75 Resp: 159041
 Ion Ratio Lower Upper
 75 100
 77 0.9 26.7 40.1#
 39 27.1 32.8 49.2#



#55
 1,1,2-Trichloroethane
 Concen: 0.634 ug/l
 RT: 11.013 min Scan# 1543
 Delta R.T. -0.006 min
 Lab File: VN077410.D
 Acq: 20 Apr 2023 19:12

Tgt Ion: 97 Resp: 5070
 Ion Ratio Lower Upper
 97 100
 83 0.0 67.4 101.2#
 85 0.0 44.1 66.1#
 99 0.0 49.8 74.6#

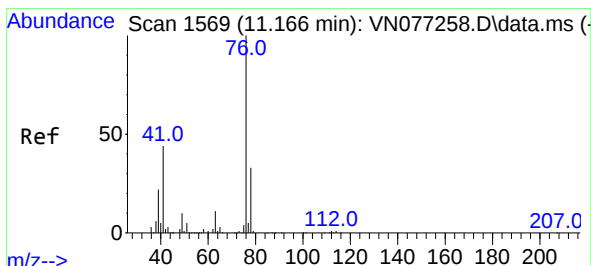
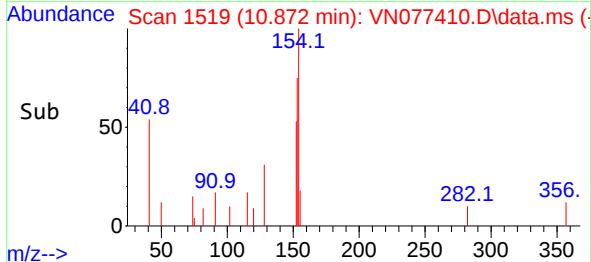
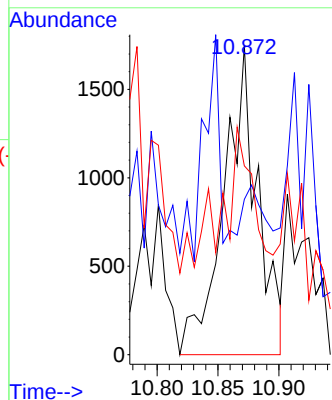
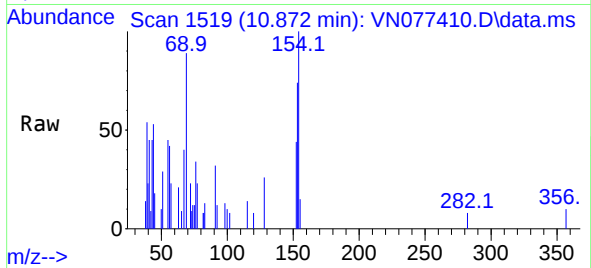




#56
Ethyl methacrylate
Concen: 0.271 ug/l
RT: 10.872 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

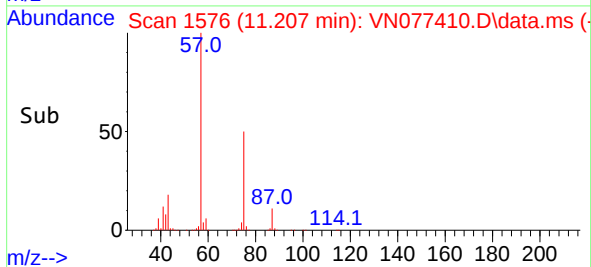
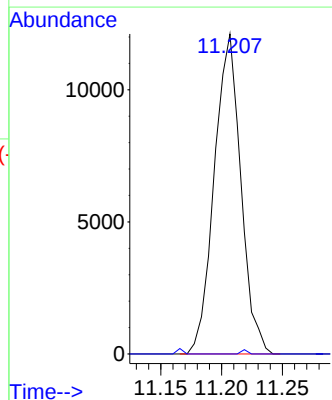
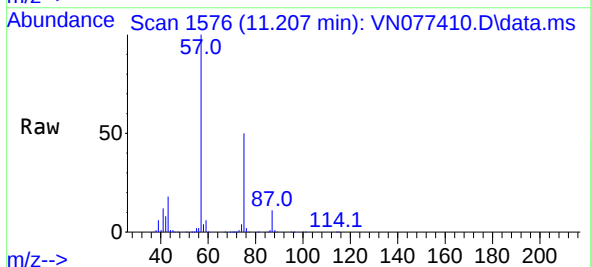
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

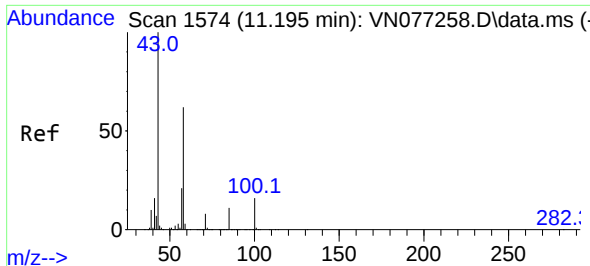
Tgt Ion: 69 Resp: 3370
Ion Ratio Lower Upper
69 100
41 0.0 42.8 64.2#
39 0.0 27.0 40.4#



#57
1,3-Dichloropropane
Concen: 1.392 ug/l
RT: 11.207 min Scan# 1576
Delta R.T. 0.041 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 76 Resp: 18390
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.4#

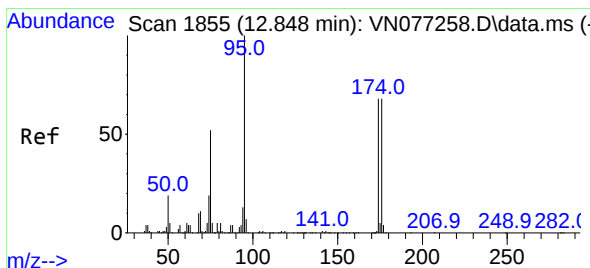
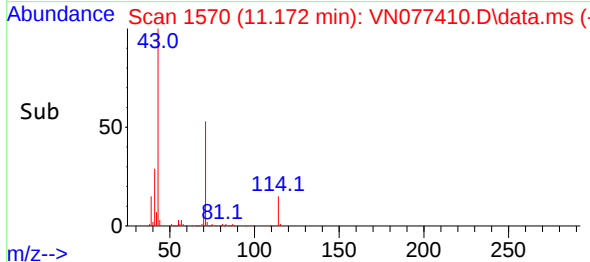
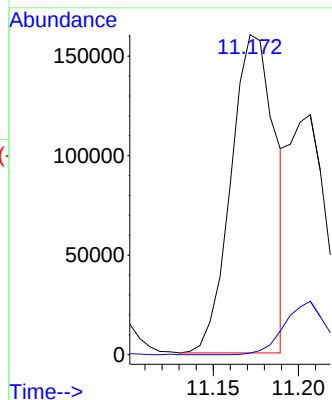
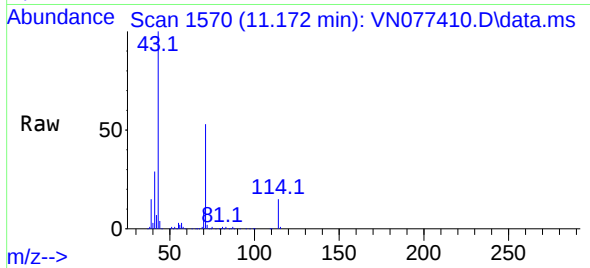




#59
2-Hexanone
Concen: 40.563 ug/l
RT: 11.172 min Scan# 11172
Delta R.T. -0.023 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

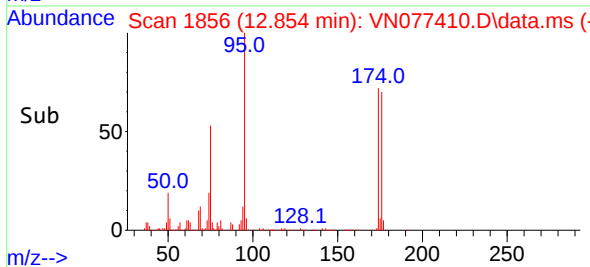
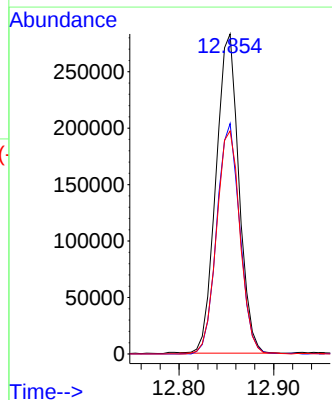
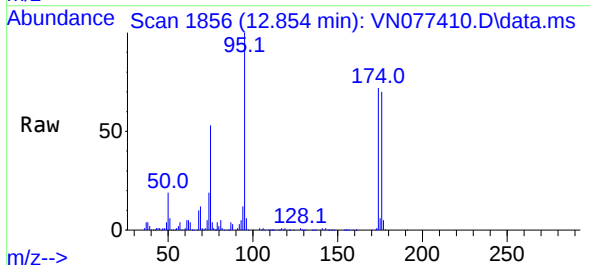
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

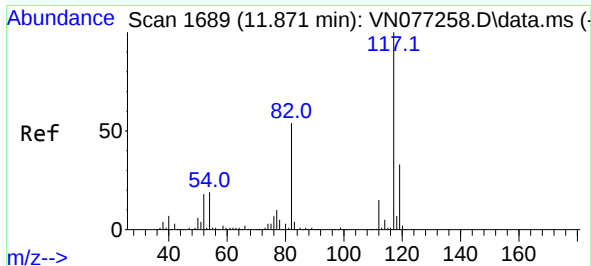
Tgt Ion: 43 Resp: 287705
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.5#



#62
4-Bromofluorobenzene
Concen: 52.666 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 95 Resp: 475642
Ion Ratio Lower Upper
95 100
174 72.2 0.0 146.8
176 71.8 0.0 139.6

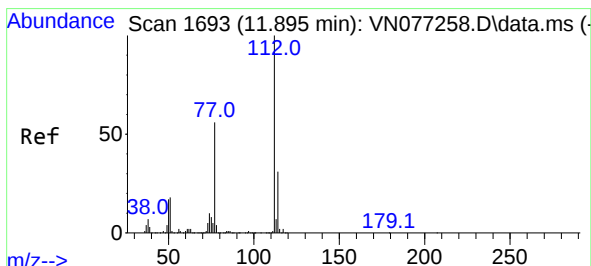
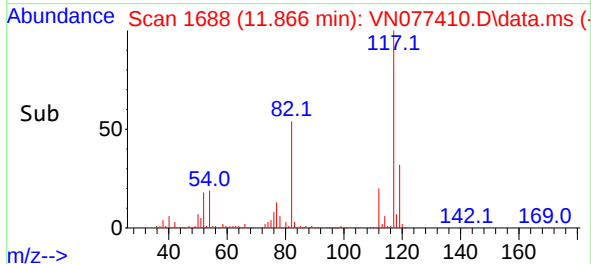
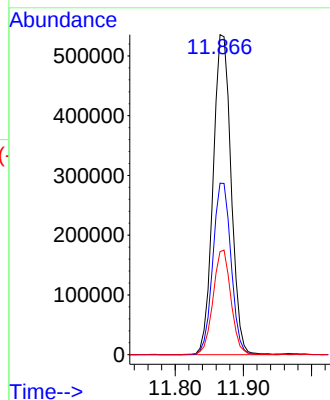
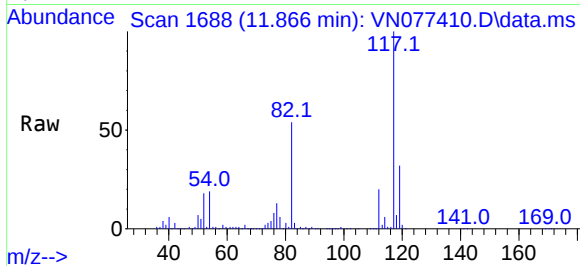




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

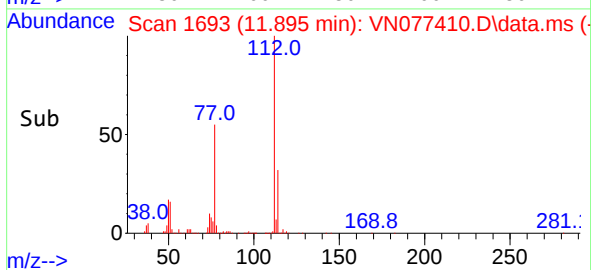
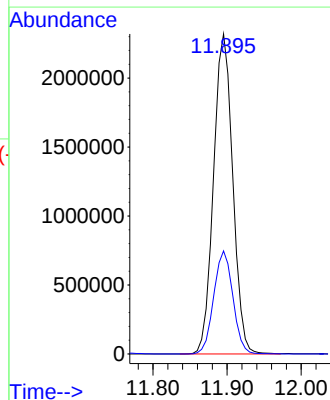
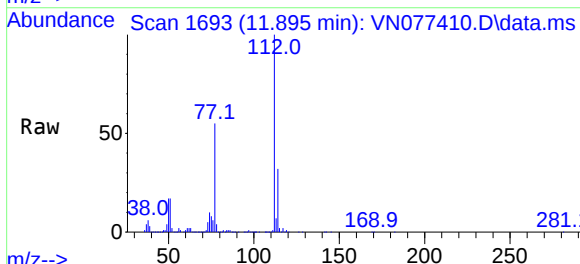
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

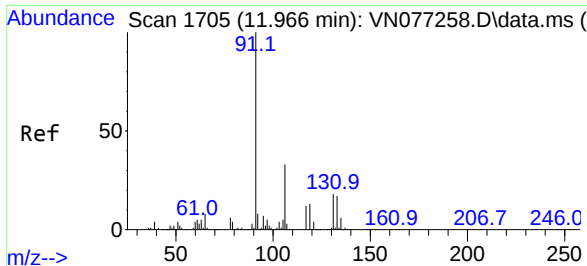
Tgt Ion:117 Resp: 985447
Ion Ratio Lower Upper
117 100
82 53.6 42.9 64.3
119 32.2 26.2 39.4



#65
Chlorobenzene
Concen: 192.442 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion:112 Resp: 4175188
Ion Ratio Lower Upper
112 100
114 32.2 24.6 36.8

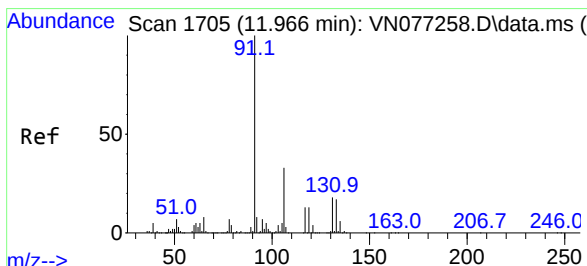
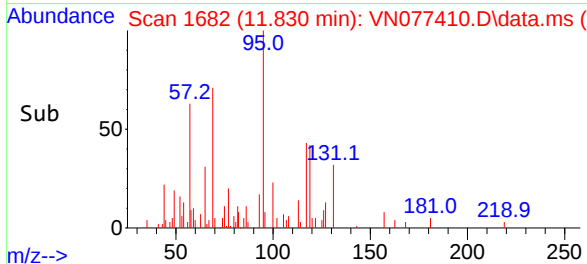
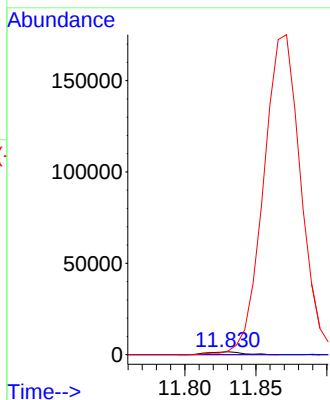
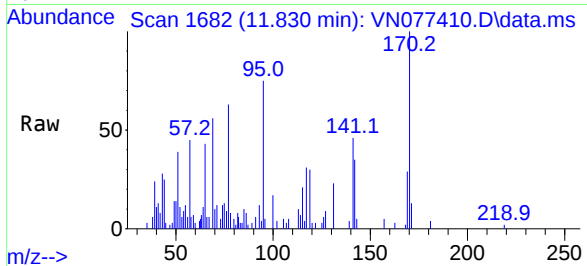




#66
1,1,1,2-Tetrachloroethane
Concen: 0.324 ug/l
RT: 11.830 min Scan# 1
Delta R.T. -0.136 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

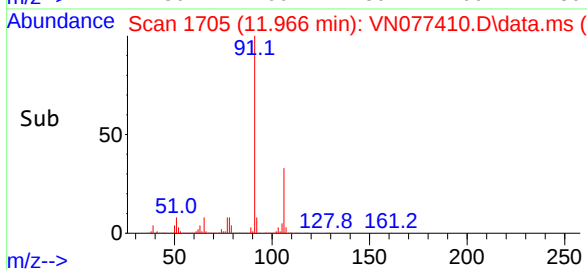
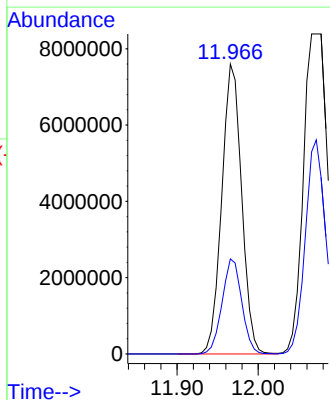
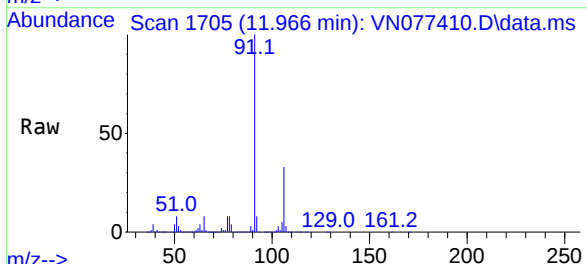
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

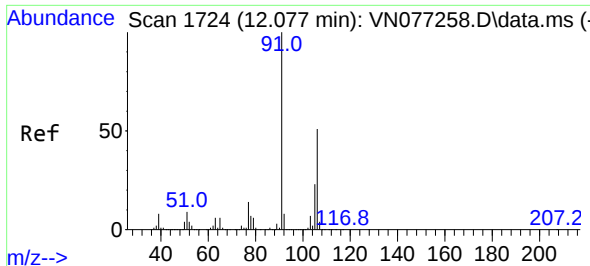
Tgt Ion:131 Resp: 2663
Ion Ratio Lower Upper
131 100
133 0.0 46.9 140.6#
119 0.0 34.0 102.0#



#67
Ethyl Benzene
Concen: 323.352 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 91 Resp:12945550
Ion Ratio Lower Upper
91 100
106 32.8 26.2 39.2

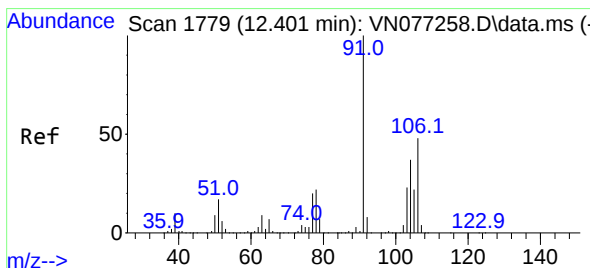
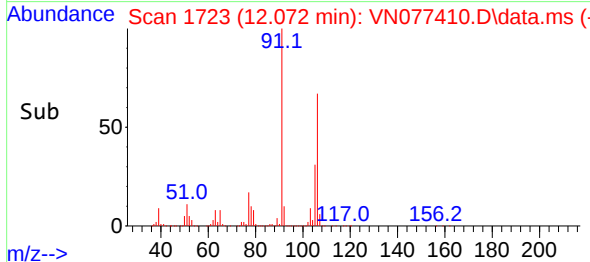
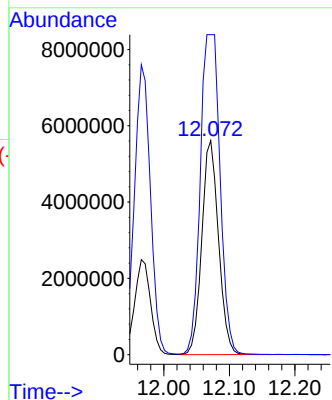
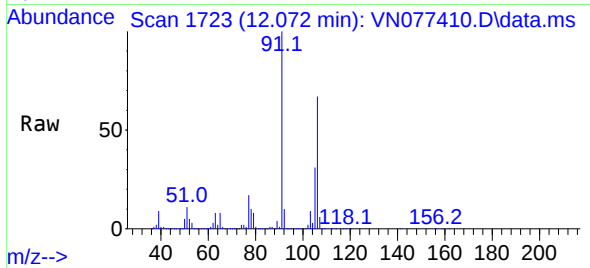




#68
m/p-Xylenes
Concen: 631.929 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

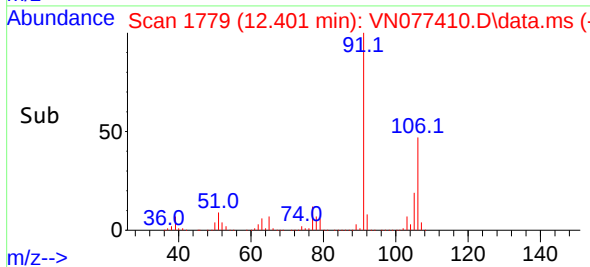
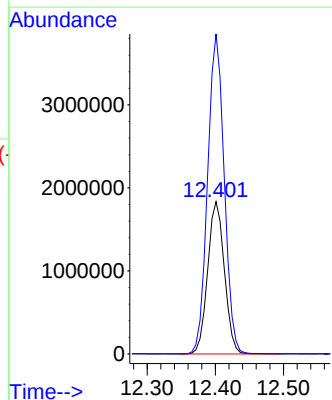
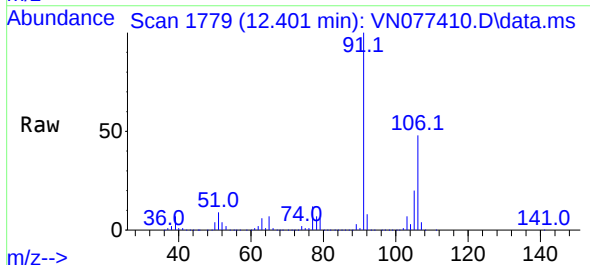
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

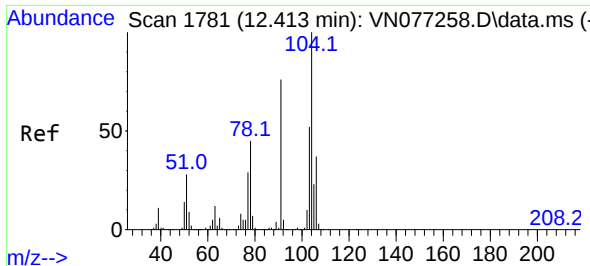
Tgt Ion:106 Resp: 9940749
Ion Ratio Lower Upper
106 100
91 177.3 158.7 238.1



#69
o-Xylene
Concen: 200.950 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion:106 Resp: 3118513
Ion Ratio Lower Upper
106 100
91 209.2 104.0 312.0

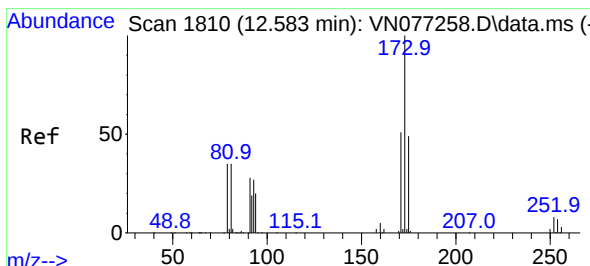
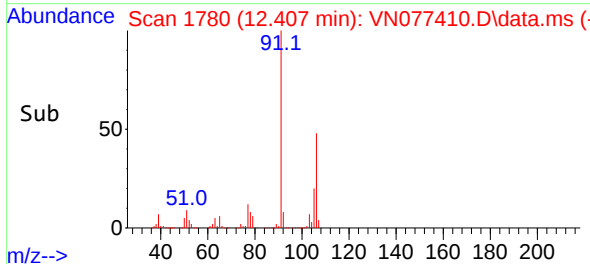
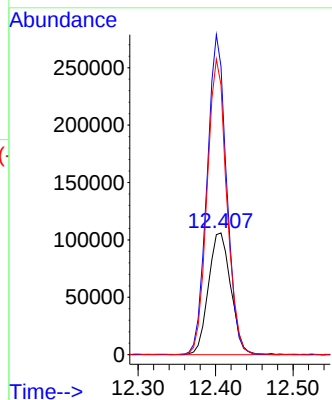
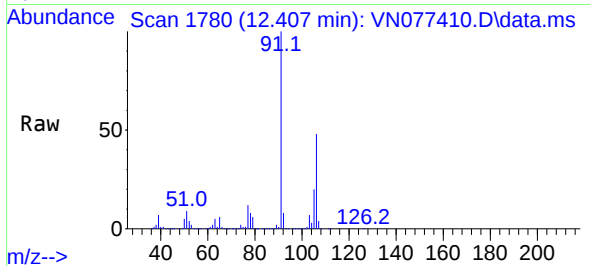




#70
Styrene
Concen: 8.530 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

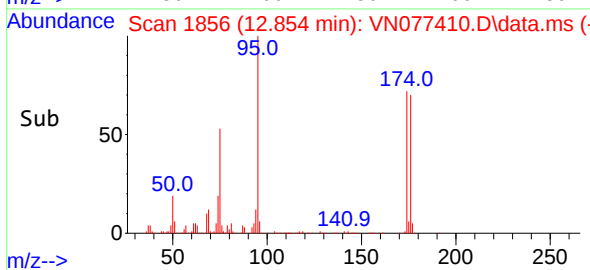
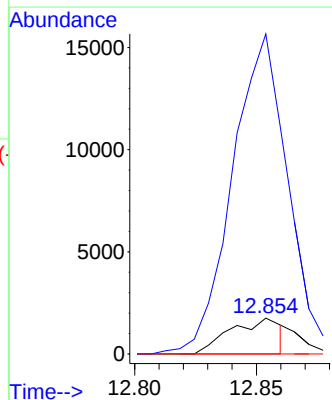
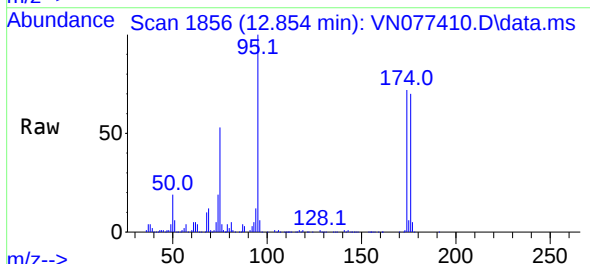
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

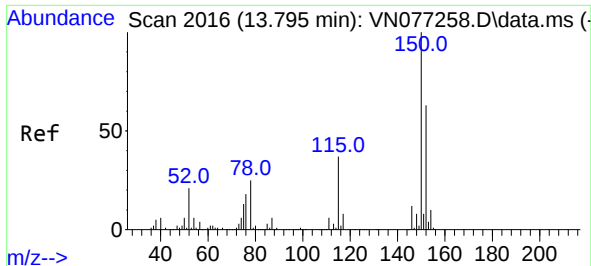
Tgt Ion:104 Resp: 213019
Ion Ratio Lower Upper
104 100
78 229.0 38.0 57.0#
103 213.5 43.1 64.7#



#71
Bromoform
Concen: 0.441 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.271 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

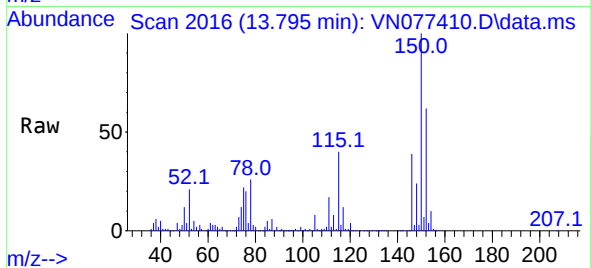
Tgt Ion:173 Resp: 2549
Ion Ratio Lower Upper
173 100
175 833.3 24.1 72.4#
254 0.0 0.1 0.1#



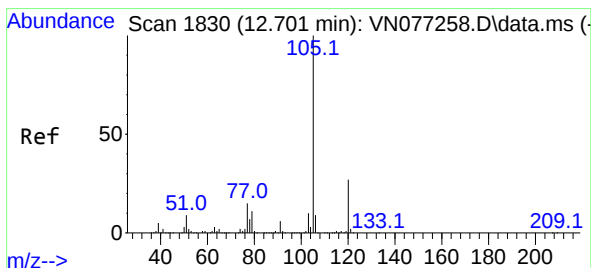
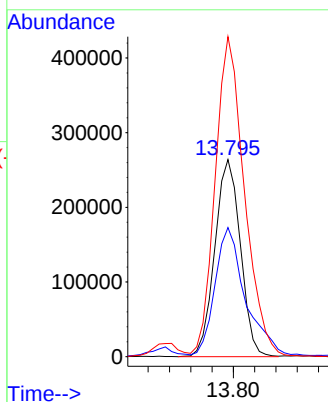
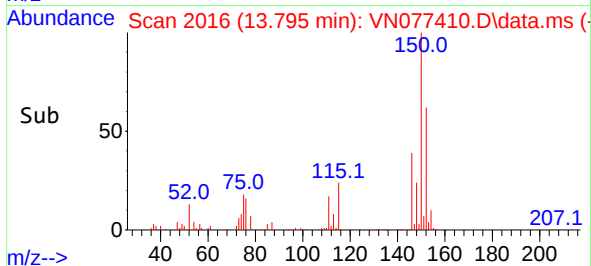


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

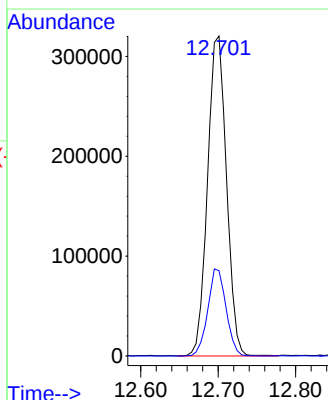
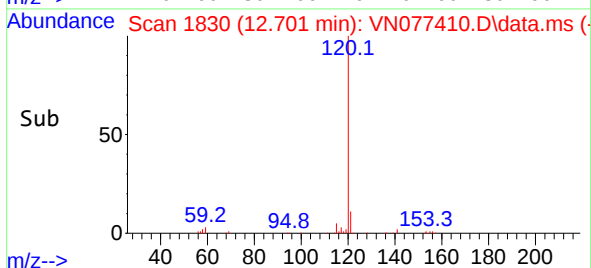
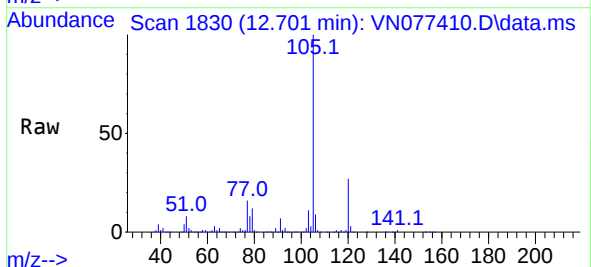


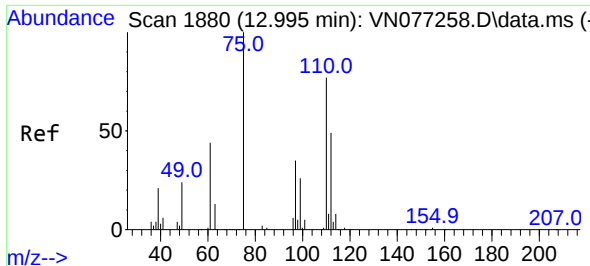
Tgt Ion:152 Resp: 439773
Ion Ratio Lower Upper
152 100
115 77.4 32.1 96.3
150 186.4 0.0 354.8



#73
Isopropylbenzene
Concen: 12.759 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion:105 Resp: 544990
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

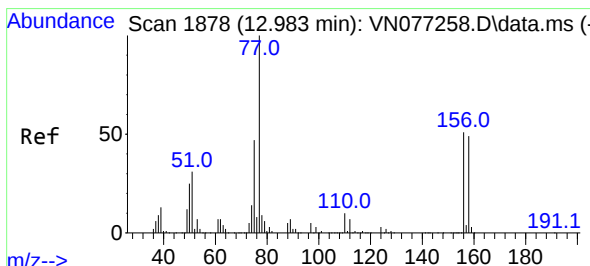
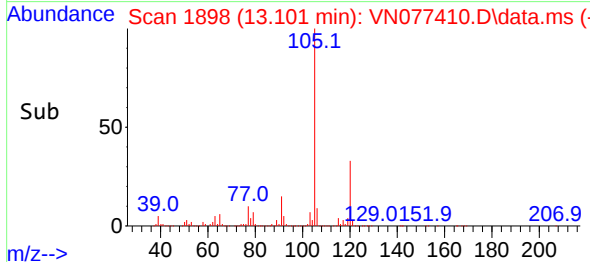
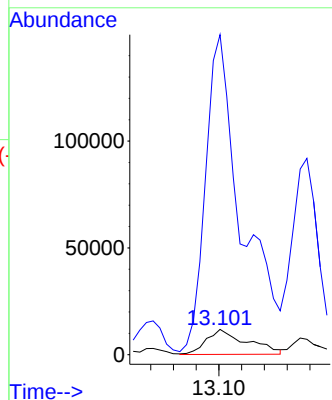
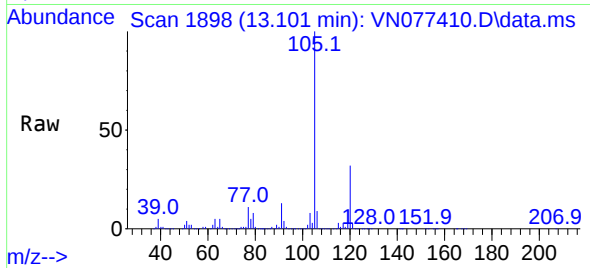




#76
1,2,3-Trichloropropane
Concen: 2.765 ug/l
RT: 13.101 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

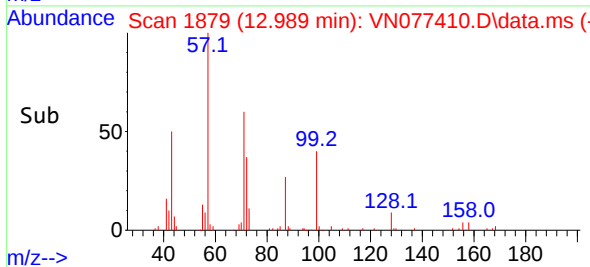
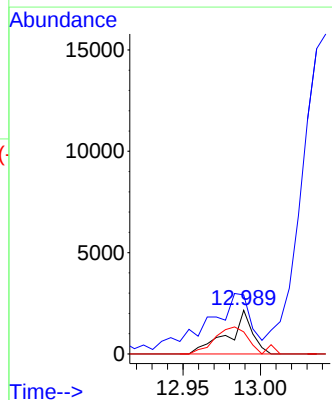
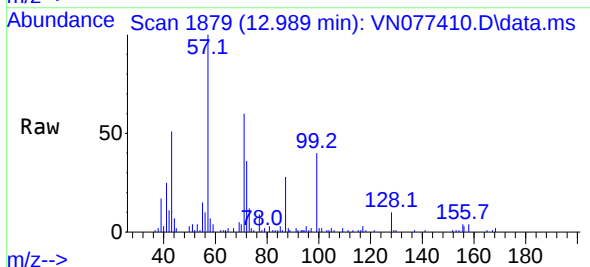
Instrument :
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ClientSampleId :
SPA-4WC-23-04

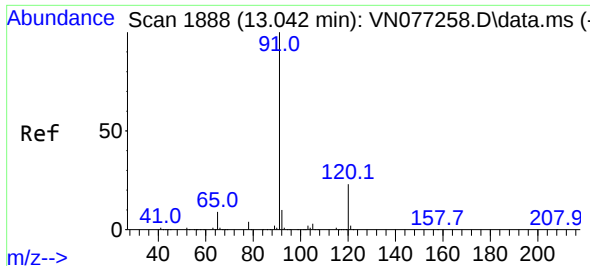
Tgt Ion: 75 Resp: 28951
Ion Ratio Lower Upper
75 100
77 895.8 88.3 264.9#



#77
Bromobenzene
Concen: 0.272 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 156 Resp: 2364
Ion Ratio Lower Upper
156 100
77 0.0 115.3 345.8#
158 88.7 49.3 147.8

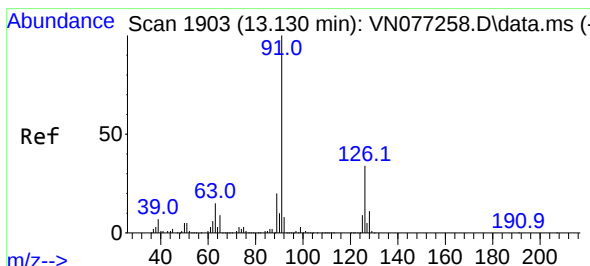
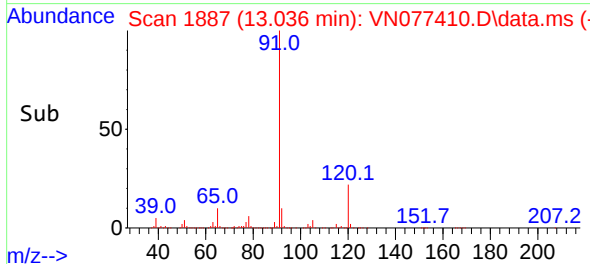
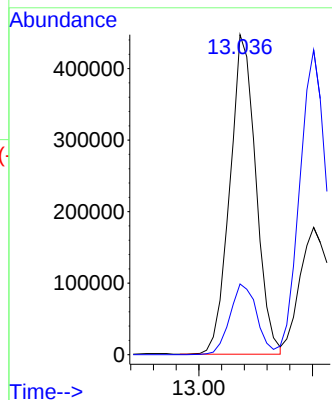
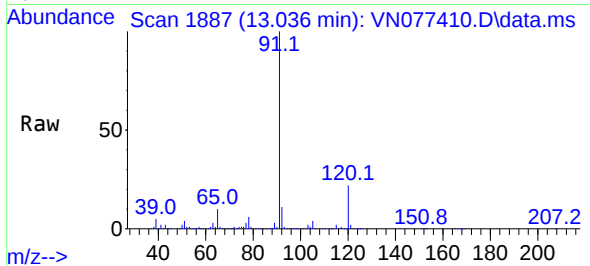




#78
n-propylbenzene
Concen: 15.029 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

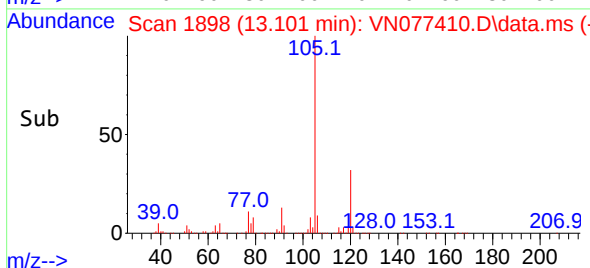
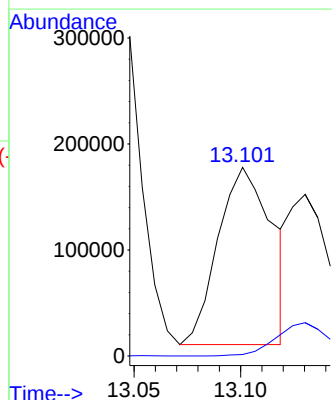
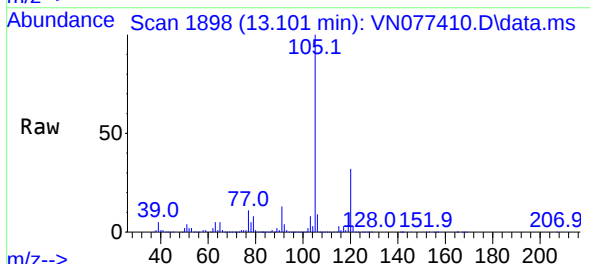
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

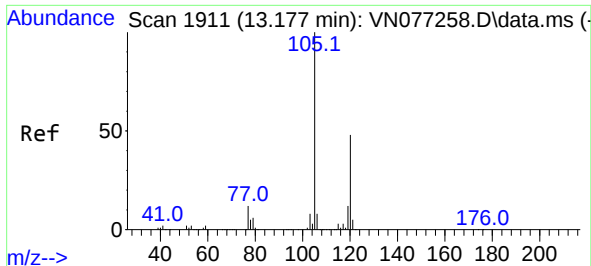
Tgt Ion: 91 Resp: 709334
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5



#79
2-Chlorotoluene
Concen: 10.366 ug/l
RT: 13.101 min Scan# 1898
Delta R.T. -0.029 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 91 Resp: 294594
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#

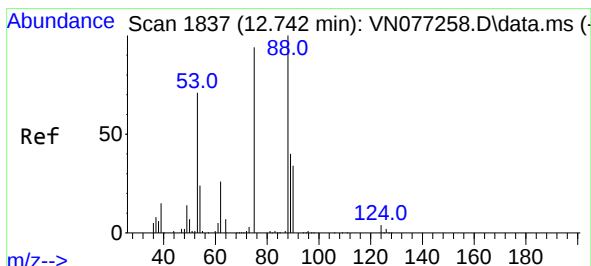
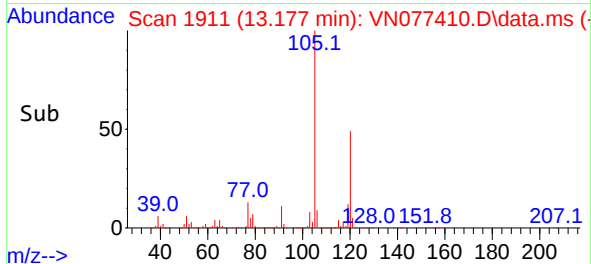
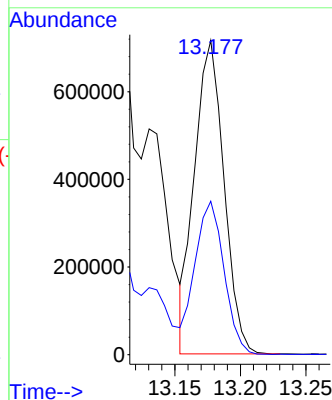
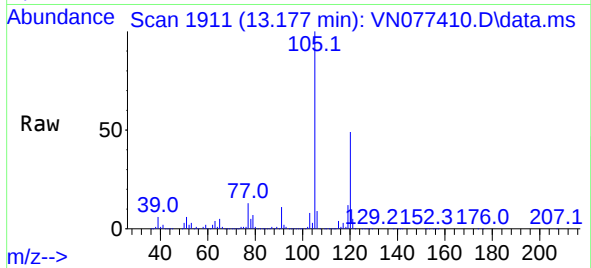




#80
1,3,5-Trimethylbenzene
Concen: 32.703 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

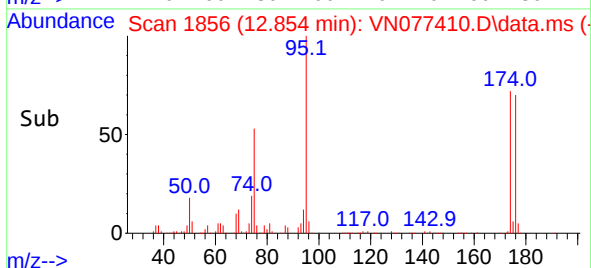
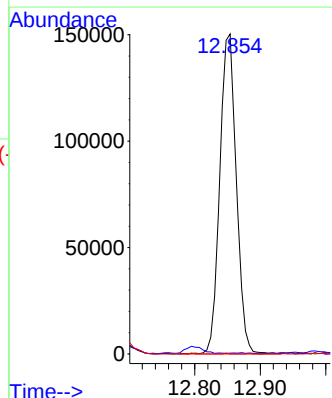
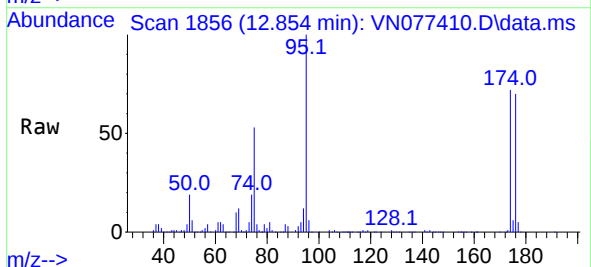
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

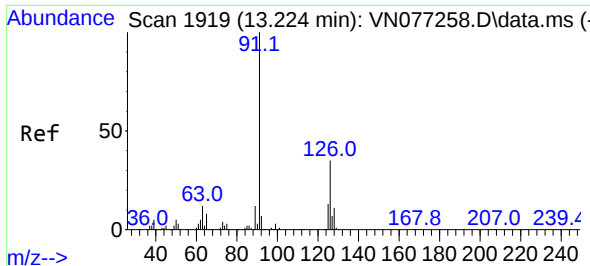
Tgt Ion:105 Resp: 1115715
Ion Ratio Lower Upper
105 100
120 48.4 24.3 73.0



#81
trans-1,4-Dichloro-2-butene
Concen: 56.488 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 75 Resp: 262873
Ion Ratio Lower Upper
75 100
53 0.4 72.8 109.2#
89 0.0 37.4 56.2#

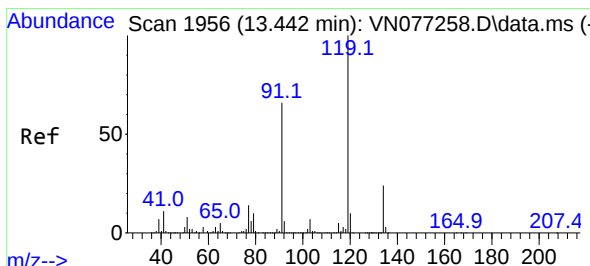
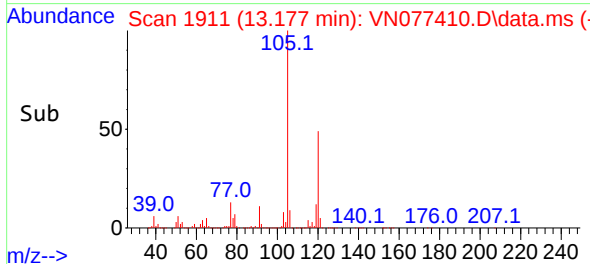
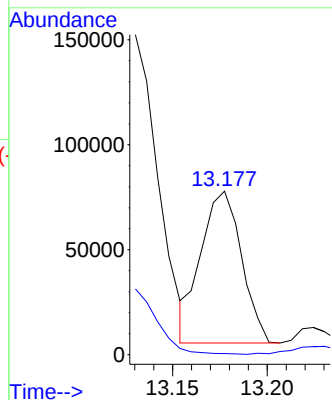
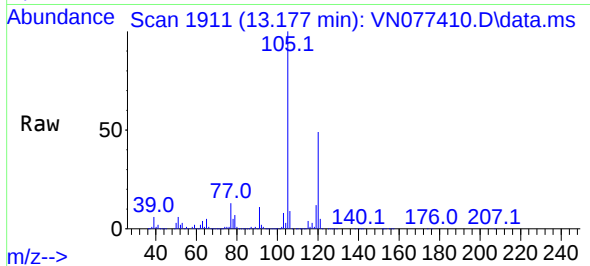




#82
4-Chlorotoluene
Concen: 4.036 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.047 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

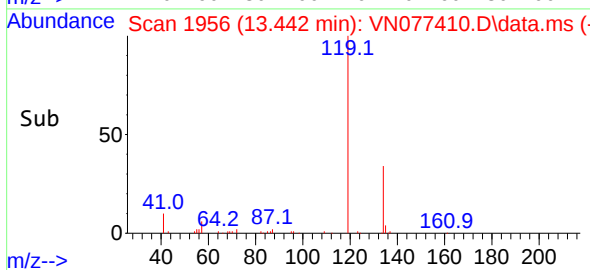
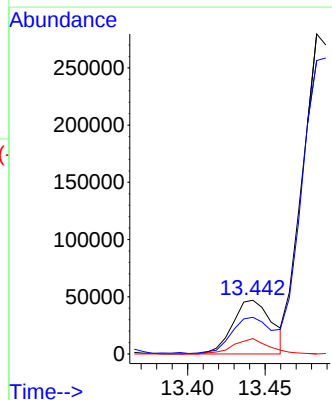
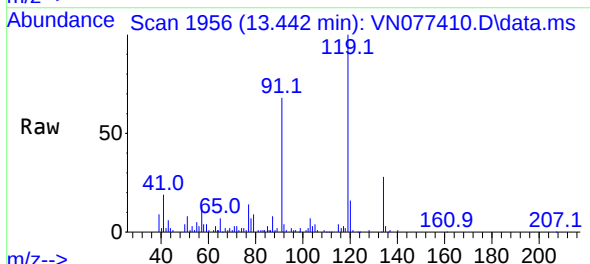
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

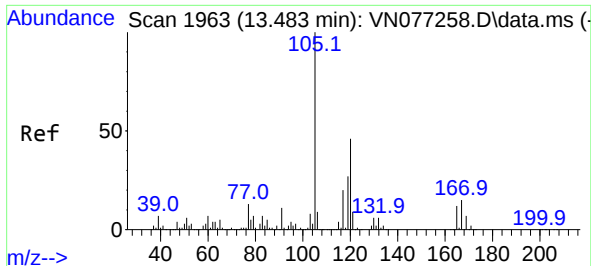
Tgt Ion: 91 Resp: 108144
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#



#83
tert-Butylbenzene
Concen: 2.726 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 119 Resp: 82788
Ion Ratio Lower Upper
119 100
91 62.7 33.5 100.4
134 25.7 13.3 39.9

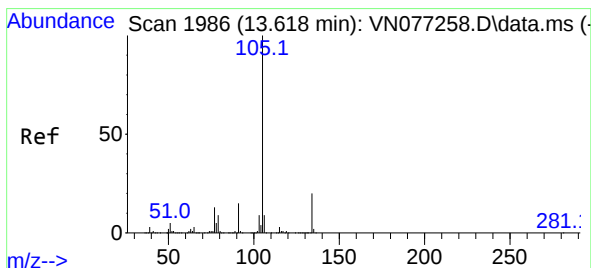
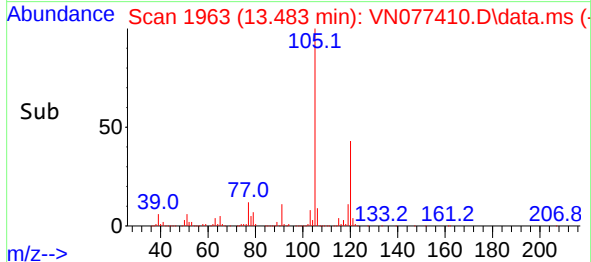
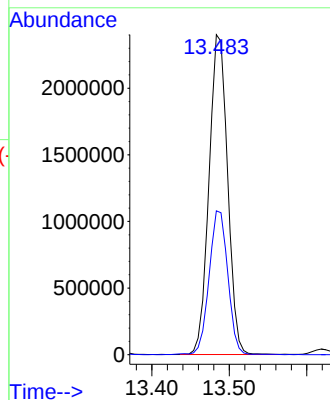
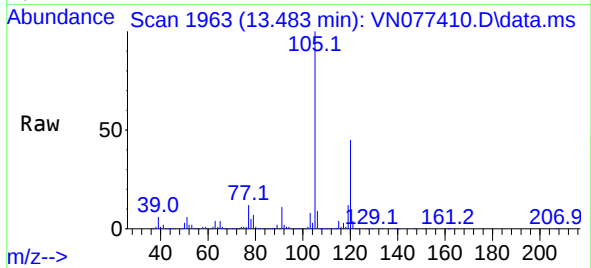




#84
1,2,4-Trimethylbenzene
Concen: 118.588 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

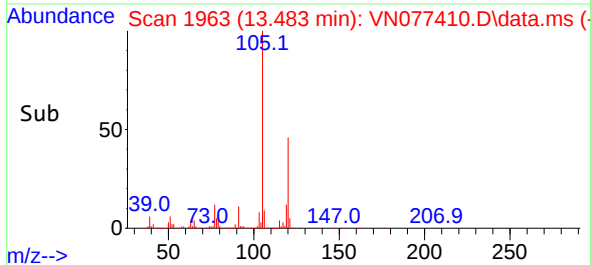
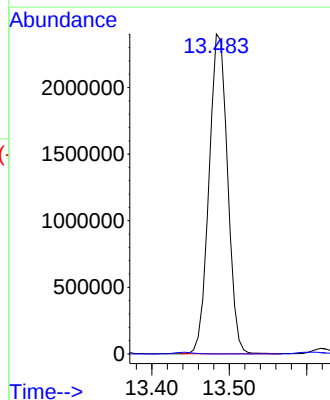
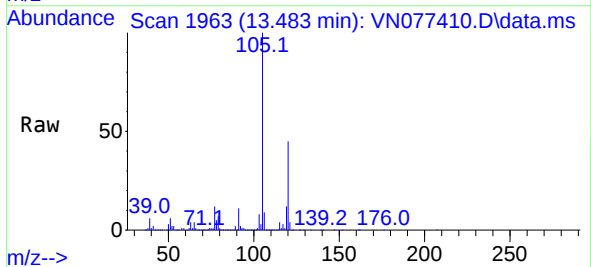
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

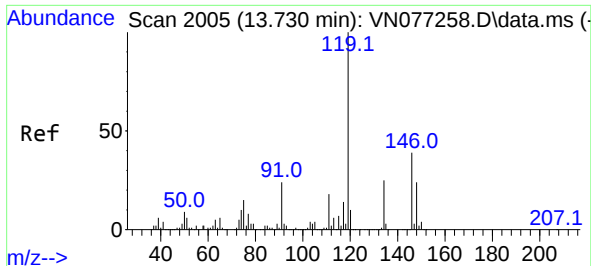
Tgt Ion:105 Resp: 3997022
Ion Ratio Lower Upper
105 100
120 45.3 22.5 67.5



#85
sec-Butylbenzene
Concen: 94.445 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.135 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

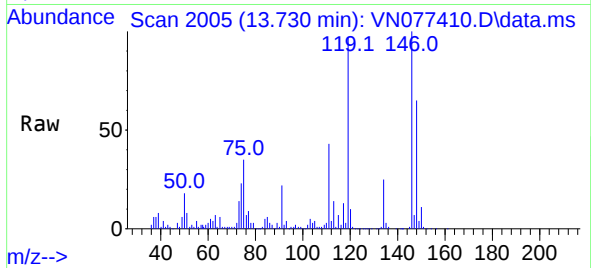
Tgt Ion:105 Resp: 3997022
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#



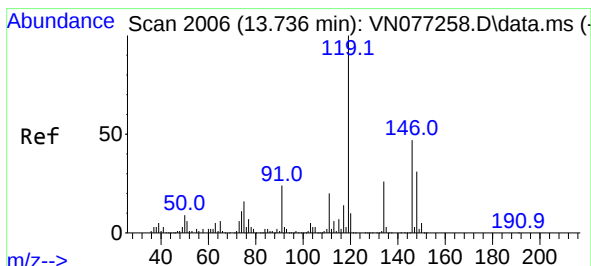
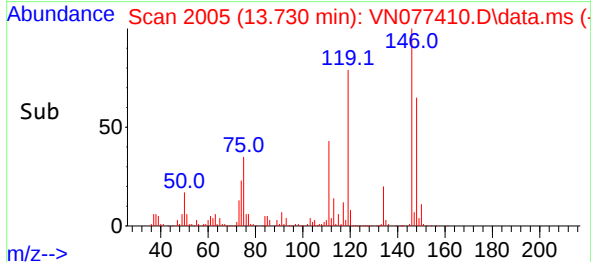
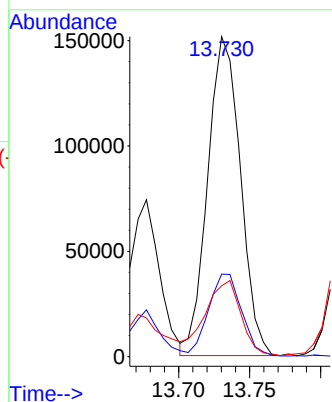


#86
p-Isopropyltoluene
Concen: 7.312 ug/l
RT: 13.730 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

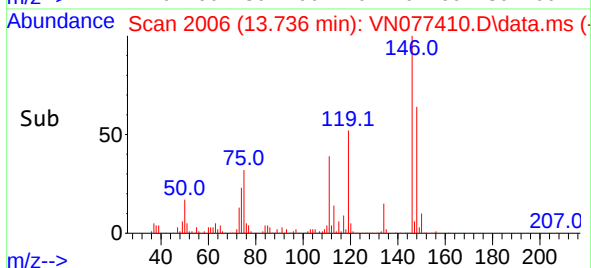
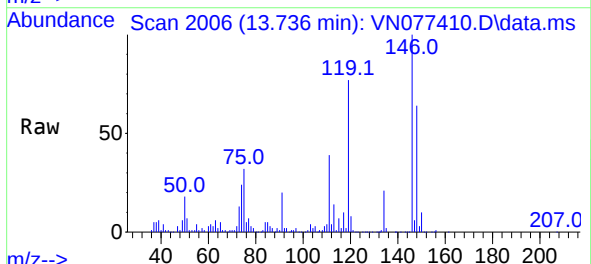
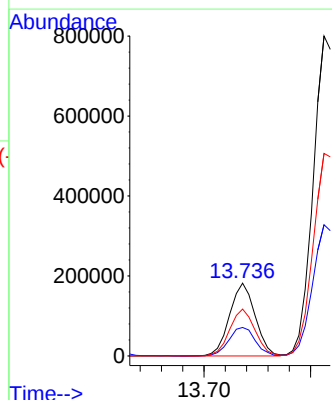


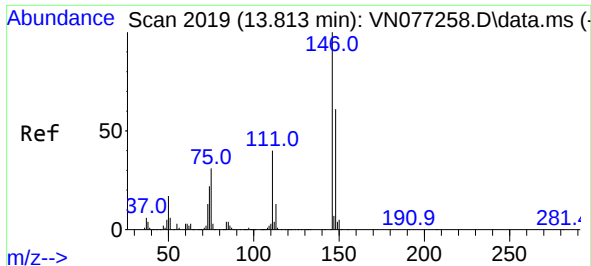
Tgt Ion:119 Resp: 243193
Ion Ratio Lower Upper
119 100
134 25.8 12.9 38.6
91 25.9 12.3 36.8



#87
1,3-Dichlorobenzene
Concen: 18.909 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion:146 Resp: 303834
Ion Ratio Lower Upper
146 100
111 40.7 21.8 65.4
148 63.8 31.7 95.1

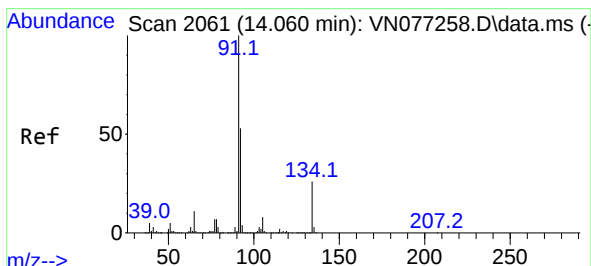
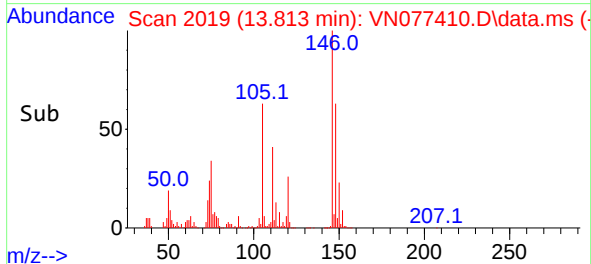
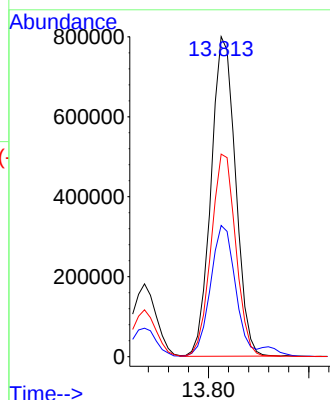
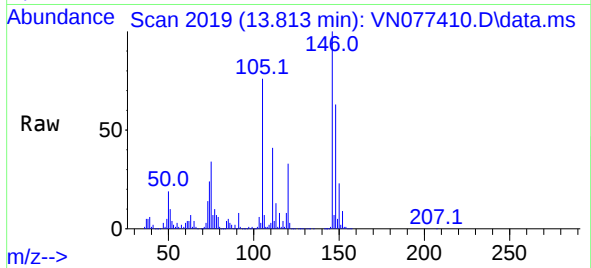




#88
1,4-Dichlorobenzene
Concen: 85.591 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

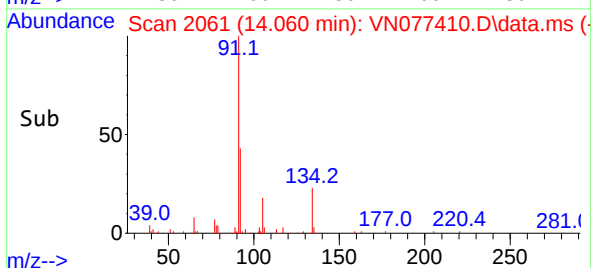
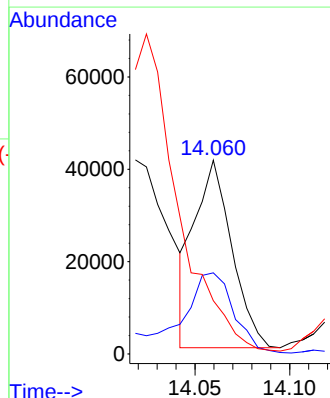
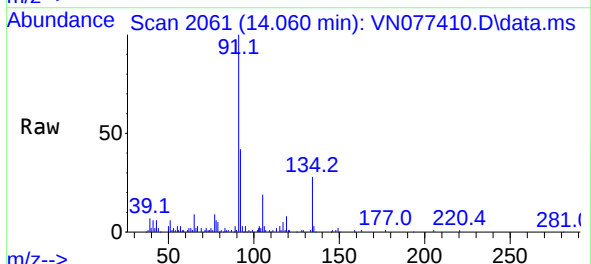
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

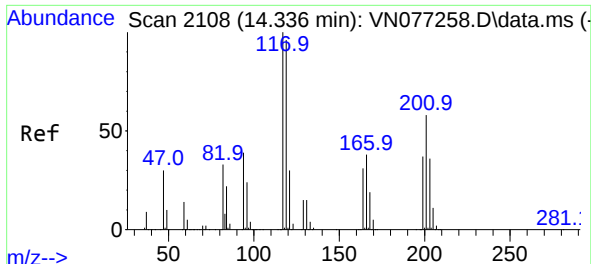
Tgt Ion:146 Resp: 1356248
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.2
148 64.3 31.6 95.0



#89
n-Butylbenzene
Concen: 2.016 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion: 91 Resp: 55657
Ion Ratio Lower Upper
91 100
92 56.3 26.7 80.0
134 0.0 12.8 38.3#

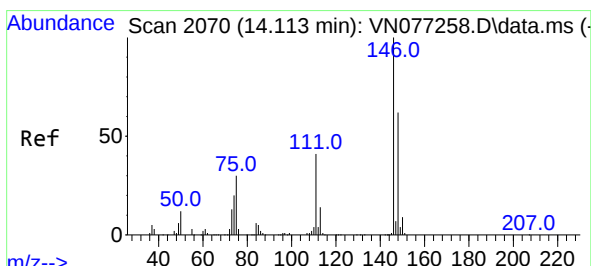
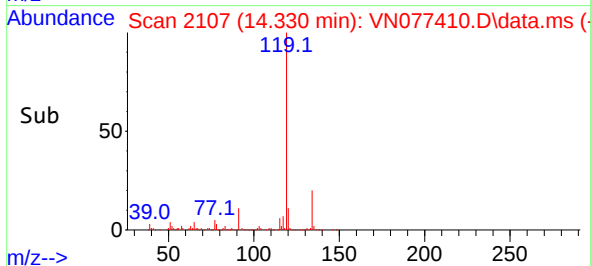
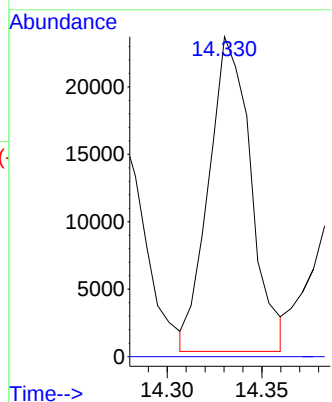
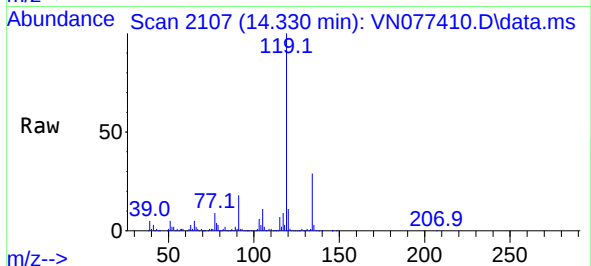




#90
Hexachloroethane
Concen: 4.962 ug/l
RT: 14.330 min Scan# 2108
Delta R.T. -0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

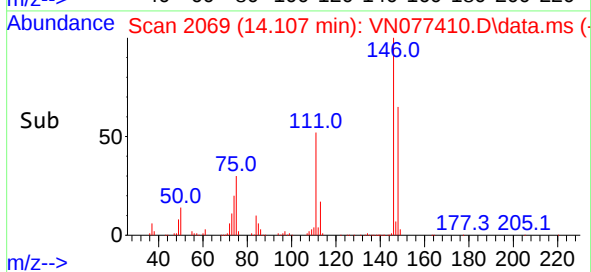
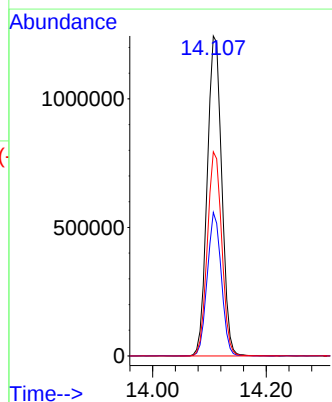
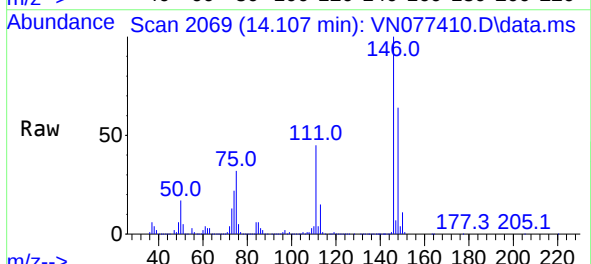
Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

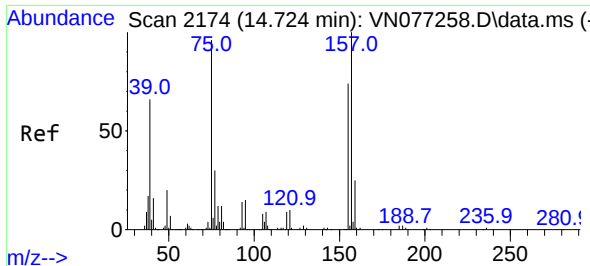
Tgt Ion:117 Resp: 36086
Ion Ratio Lower Upper
117 100
201 0.0 29.8 89.5#



#91
1,2-Dichlorobenzene
Concen: 137.080 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion:146 Resp: 2203493
Ion Ratio Lower Upper
146 100
111 43.3 21.9 65.5
148 63.4 31.9 95.5

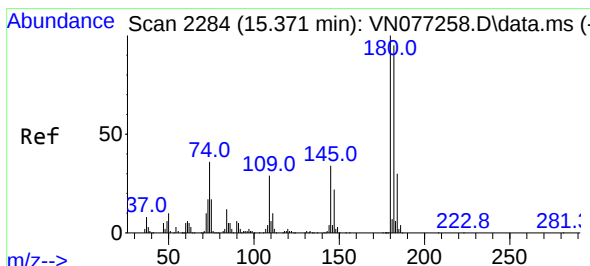
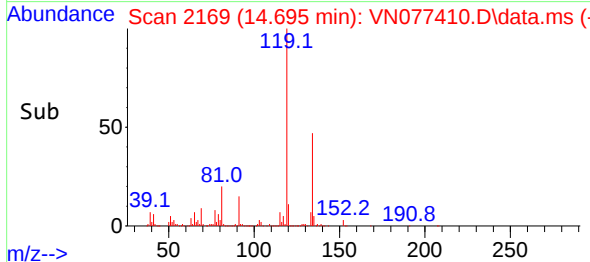
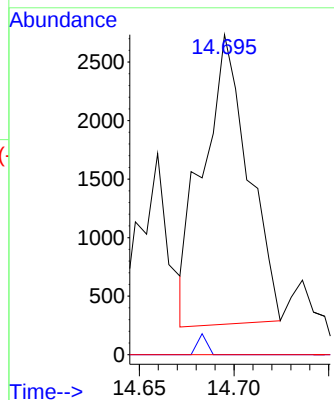
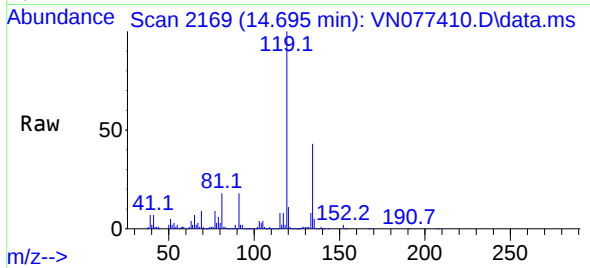




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.615 ug/l
 RT: 14.695 min Scan# 2174
 Delta R.T. -0.029 min
 Lab File: VN077410.D
 Acq: 20 Apr 2023 19:12

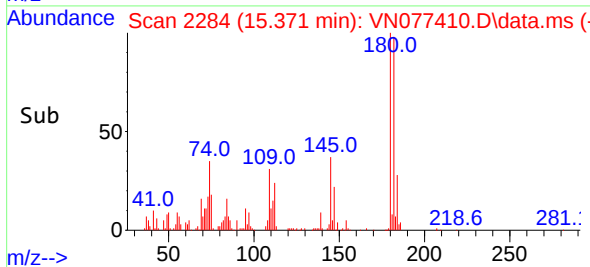
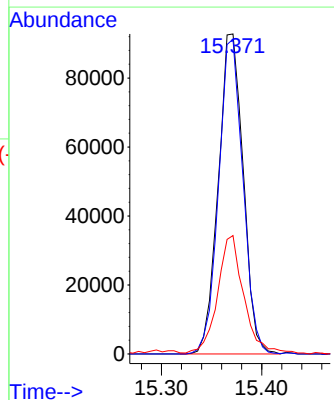
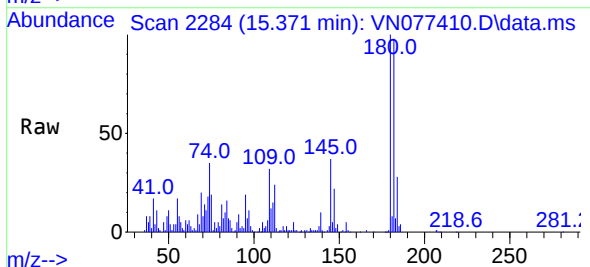
Instrument :
 MSVOA_N
 ClientSampleId :
 SPA-4WC-23-04

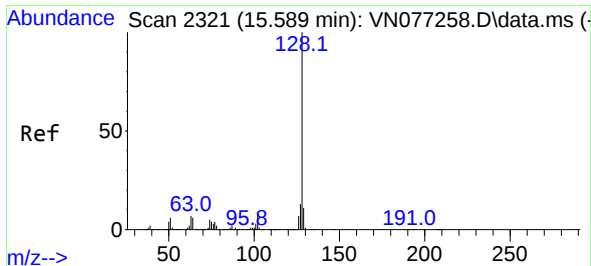
Tgt Ion: 75 Resp: 4102
 Ion Ratio Lower Upper
 75 100
 155 1.5 41.0 123.2#
 157 0.0 54.0 162.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 27.533 ug/l
 RT: 15.371 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: VN077410.D
 Acq: 20 Apr 2023 19:12

Tgt Ion:180 Resp: 159765
 Ion Ratio Lower Upper
 180 100
 182 96.1 46.7 140.0
 145 39.3 16.6 49.8

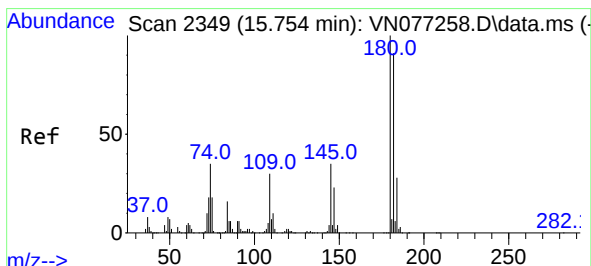
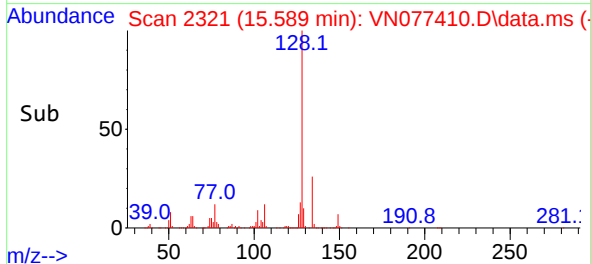
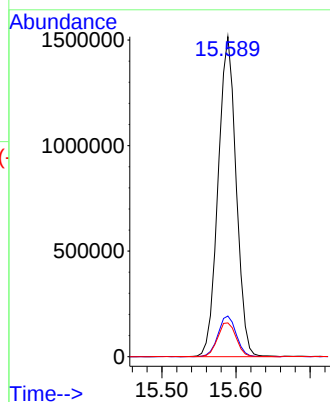
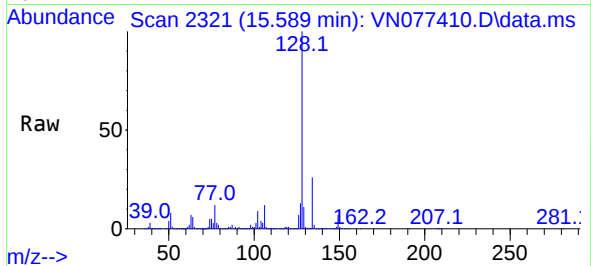




#95
Naphthalene
Concen: 117.284 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :
SPA-4WC-23-04

Tgt Ion:128 Resp: 2556574
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 1.944 ug/l
RT: 15.760 min Scan# 2350
Delta R.T. 0.006 min
Lab File: VN077410.D
Acq: 20 Apr 2023 19:12

Tgt Ion:180 Resp: 10788
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.8
145 68.9 17.6 52.8#

