

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077414.D
 Acq On : 20 Apr 2023 20:48
 Operator : JC\MD
 Sample : 02386-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPA-1WC-23-04

Quant Time: Apr 21 02:42:36 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	632761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1188410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1076848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	465679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	403932	46.707	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.420%
35) Dibromofluoromethane	8.172	113	352356	46.315	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	10.572	98	1429313	46.669	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.340%
62) 4-Bromofluorobenzene	12.848	95	521441	51.192	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.380%

Target Compounds				Qvalue		
11) Tert butyl alcohol	5.519	59	11252	6.376	ug/l #	83
13) Acrolein	4.196	56	725	0.434	ug/l #	25
16) Acetone	4.437	43	100418	31.493	ug/l	99
17) Carbon Disulfide	4.719	76	8026	0.402	ug/l #	75
18) Methyl Acetate	5.043	43	8684	0.715	ug/l #	69
20) Methylene Chloride	5.290	84	20150	2.238	ug/l #	83
25) 2-Butanone	7.495	43	24590	4.752	ug/l #	69
26) 2,2-Dichloropropane	7.436	77	7000	0.527	ug/l #	51
27) cis-1,2-Dichloroethene	7.501	96	8083	0.816	ug/l	79
31) Cyclohexane	8.236	56	25703	1.913	ug/l #	50
36) 1,1-Dichloropropene	8.231	75	55222	4.908	ug/l #	51
37) Ethyl Acetate	7.566	43	86033	8.546	ug/l #	93
38) Carbon Tetrachloride	8.231	117	71421	6.195	ug/l #	15
39) Methylcyclohexane	9.601	83	30835	2.032	ug/l #	85
40) Benzene	8.613	78	2230134	63.543	ug/l	100
42) 1,2-Dichloroethane	8.689	62	3931	0.364	ug/l	89
43) Isopropyl Acetate	8.695	43	397480	21.397	ug/l #	91
44) Trichloroethene	9.348	130	2592	0.309	ug/l	32
48) Methyl methacrylate	9.672	41	8787	1.109	ug/l #	36
49) 1,4-Dioxane	9.683	88	114	0.593	ug/l #	1
51) 4-Methyl-2-Pentanone	10.448	43	25993	2.421	ug/l #	80
52) Toluene	10.636	92	794041	34.565	ug/l	100
53) t-1,3-Dichloropropene	10.725	75	3093	0.227	ug/l #	59
54) cis-1,3-Dichloropropene	10.360	75	162063	11.162	ug/l #	60
55) 1,1,2-Trichloroethane	11.013	97	5010	0.556	ug/l #	15
57) 1,3-Dichloropropane	11.207	76	19002	1.275	ug/l #	42
59) 2-Hexanone	11.172	43	345077	43.137	ug/l #	20
65) Chlorobenzene	11.895	112	4459821	188.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.824	131	1960	0.218	ug/l #	8
67) Ethyl Benzene	11.966	91	9818076	224.419	ug/l	100
68) m/p-Xylenes	12.071	106	7358915	428.097	ug/l	98
69) o-Xylene	12.401	106	2567339	151.392	ug/l	98
70) Styrene	12.401	104	149603	5.482	ug/l #	1
71) Bromoform	12.854	173	2293	0.363	ug/l #	1
73) Isopropylbenzene	12.701	105	516424	11.417	ug/l	100
76) 1,2,3-Trichloropropane	13.101	75	17977	1.621	ug/l #	1

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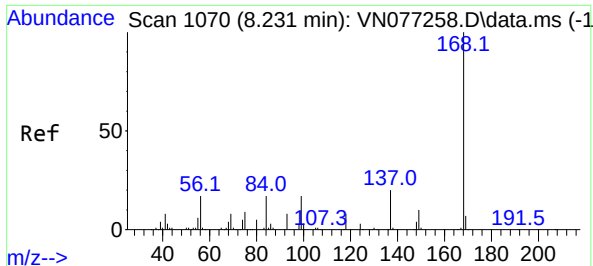
Instrument :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
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 Response via : Initial Calibration

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

78) n-propylbenzene	13.036	91	692713	13.861	ug/l	100
79) 2-Chlorotoluene	13.101	91	264708	8.796	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.171	105	1046729	28.974	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.848	75	282626	57.354	ug/l #	13
82) 4-Chlorotoluene	13.177	91	101682	3.584	ug/l #	41
83) tert-Butylbenzene	13.442	119	66580	2.071	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	3835705	107.471	ug/l	99
85) sec-Butylbenzene	13.483	105	3835705	85.591	ug/l #	57
86) p-Isopropyltoluene	13.730	119	167309	4.750	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	229615	13.495	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	1322425	78.814	ug/l	97
89) n-Butylbenzene	14.060	91	55547	1.900	ug/l #	83
90) Hexachloroethane	14.330	117	35287	4.582	ug/l #	21
91) 1,2-Dichlorobenzene	14.107	146	1711470	100.548	ug/l	100
93) 1,2,4-Trichlorobenzene	15.371	180	94449	15.371	ug/l	92
95) Naphthalene	15.589	128	2132081	92.369	ug/l	100
96) 1,2,3-Trichlorobenzene	15.759	180	29215	4.971	ug/l	92

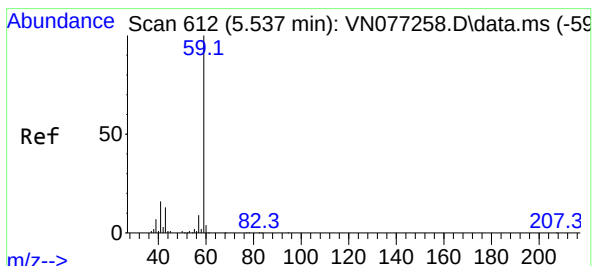
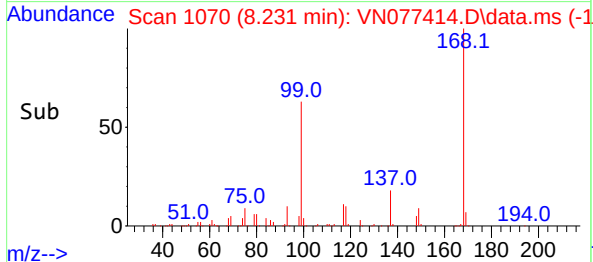
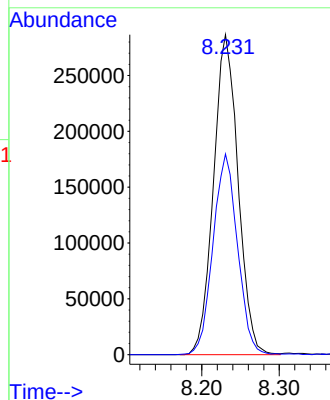
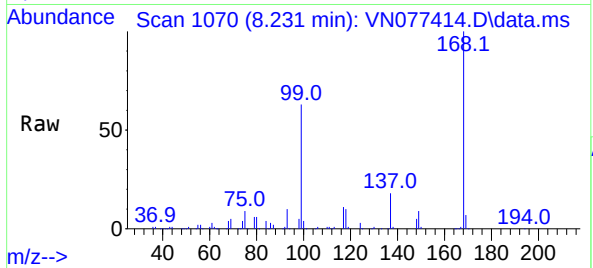
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

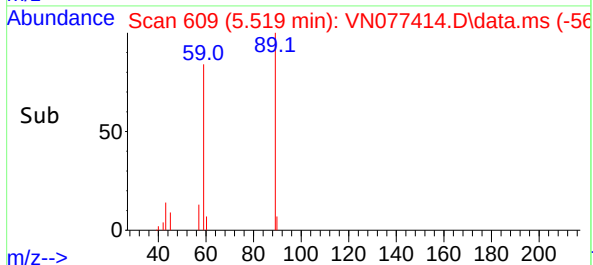
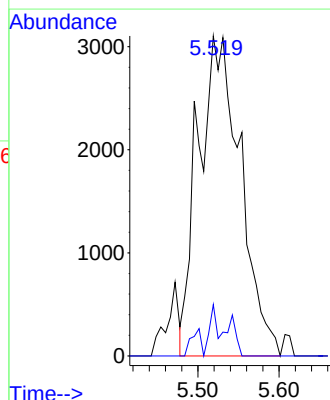
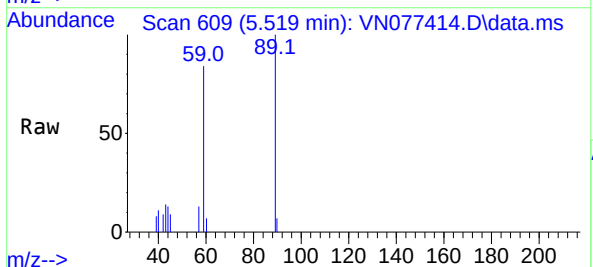
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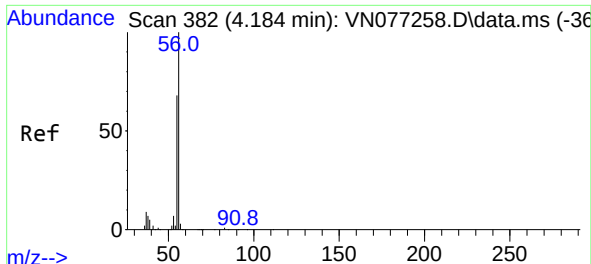
Tgt Ion:168 Resp: 632761
Ion Ratio Lower Upper
168 100
99 62.6 50.6 75.8



#11
Tert butyl alcohol
Concen: 6.376 ug/l
RT: 5.519 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 59 Resp: 11252
Ion Ratio Lower Upper
59 100
57 4.2 8.3 12.5#

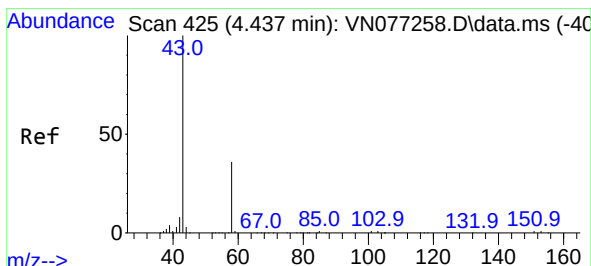
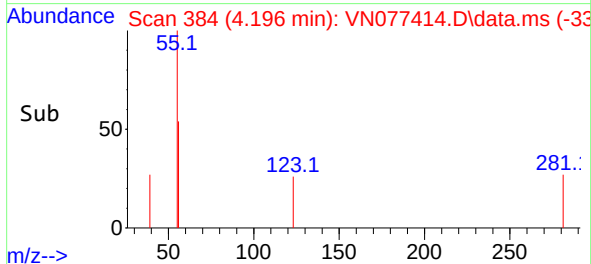
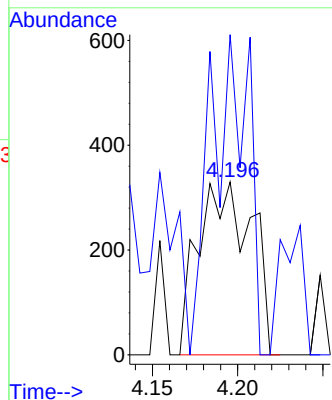
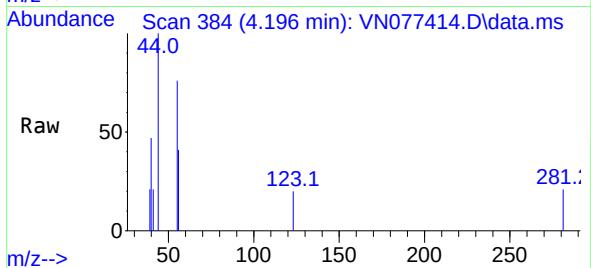




#13
Acrolein
Concen: 0.434 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

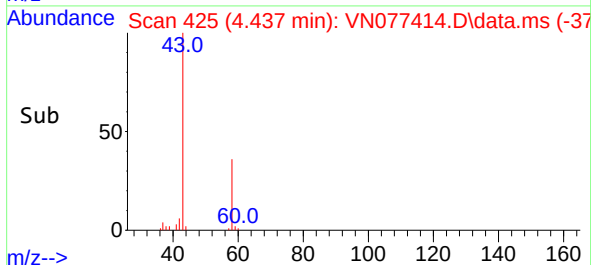
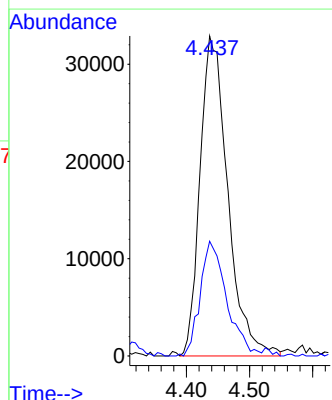
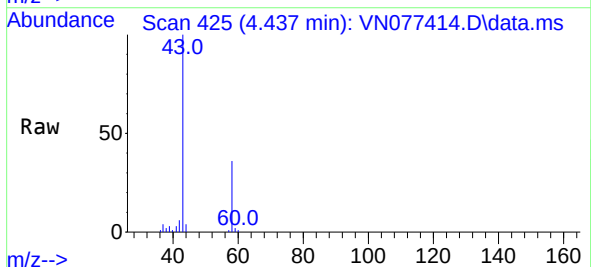
Instrument :
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SPA-1WC-23-04

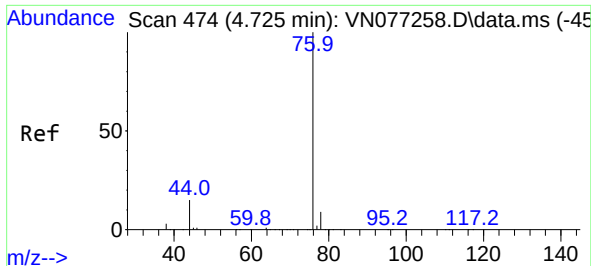
Tgt Ion: 56 Resp: 725
Ion Ratio Lower Upper
56 100
55 128.6 54.2 81.2#



#16
Acetone
Concen: 31.493 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 43 Resp: 100418
Ion Ratio Lower Upper
43 100
58 35.8 29.0 43.6

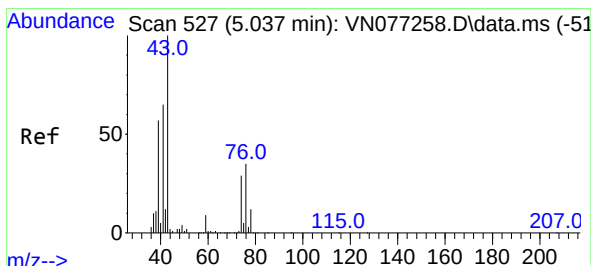
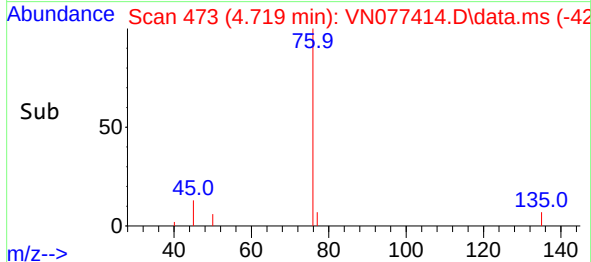
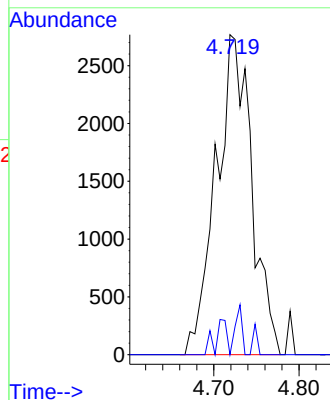
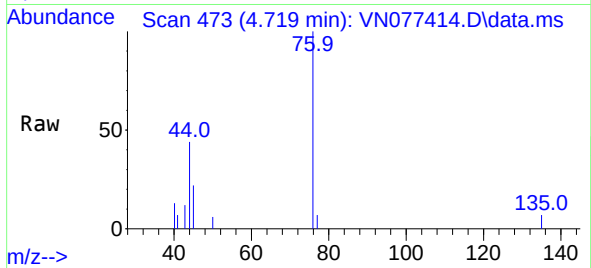




#17
Carbon Disulfide
Concen: 0.402 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

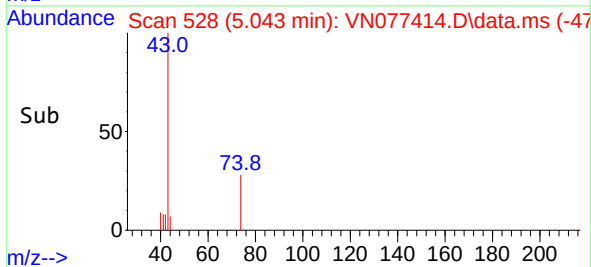
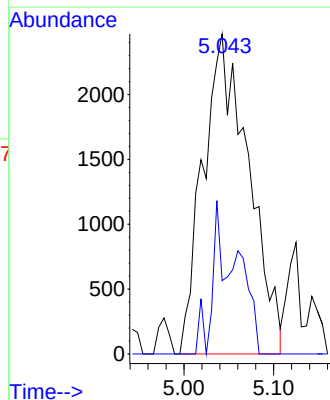
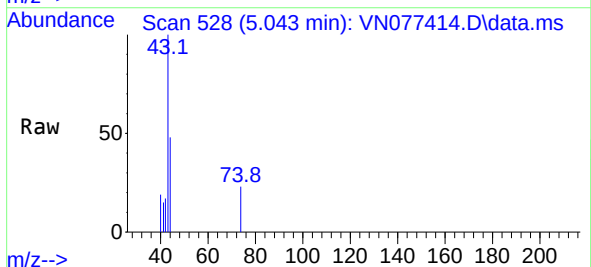
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

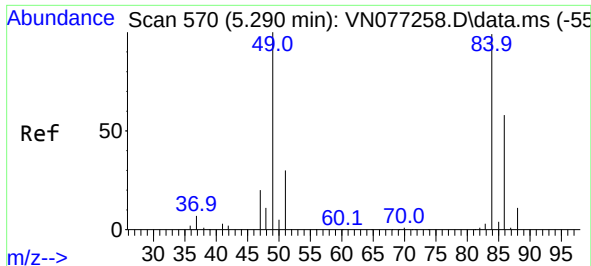
Tgt Ion: 76 Resp: 8026
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.715 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 43 Resp: 8684
Ion Ratio Lower Upper
43 100
74 12.6 23.4 35.2#

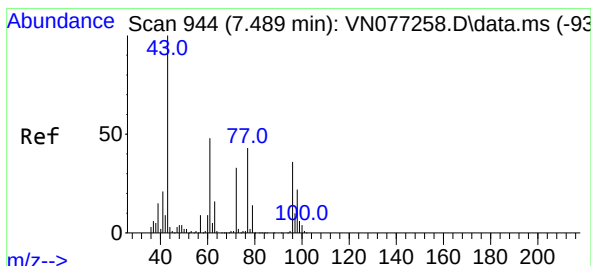
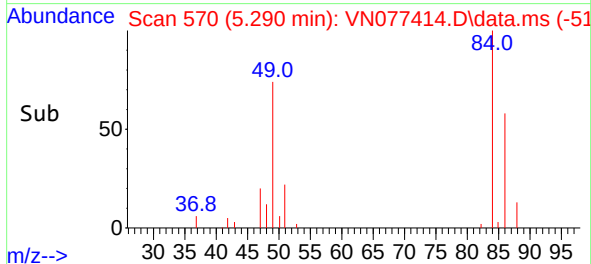
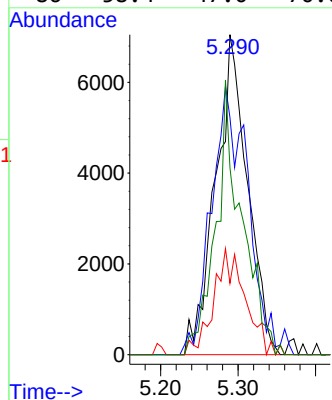
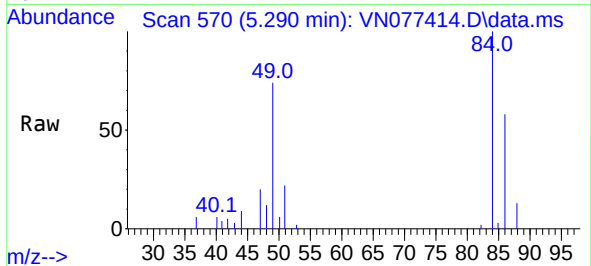




#20
Methylene Chloride
Concen: 2.238 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

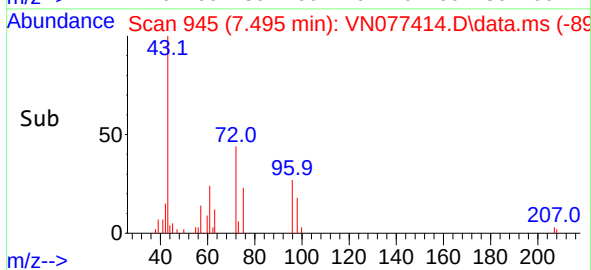
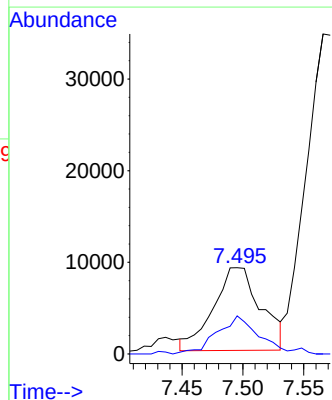
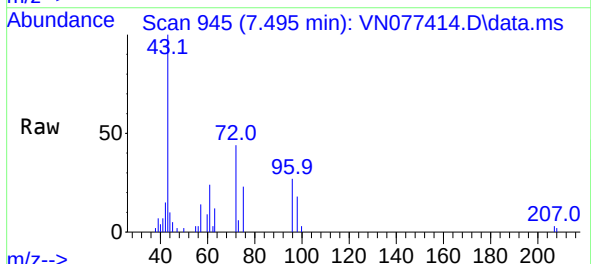
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ClientSampleId :
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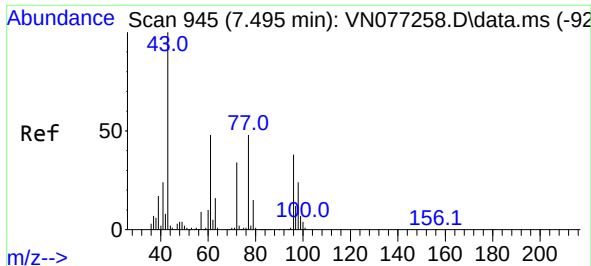
Tgt Ion: 84	Resp: 20150
Ion Ratio	Lower Upper
84 100	
49 74.1	80.6 121.0#
51 22.3	24.4 36.6#
86 58.4	47.0 70.6



#25
2-Butanone
Concen: 4.752 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 43	Resp: 24590
Ion Ratio	Lower Upper
43 100	
72 51.0	26.6 39.8#

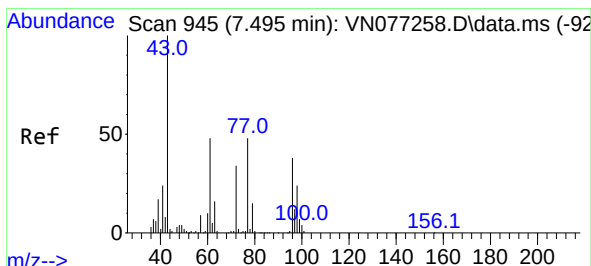
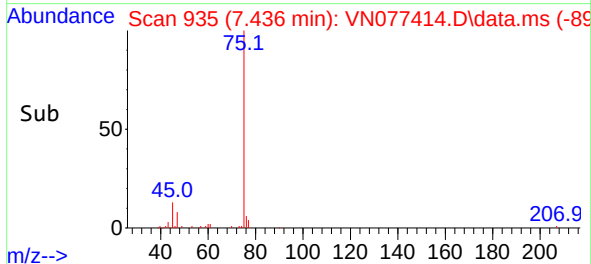
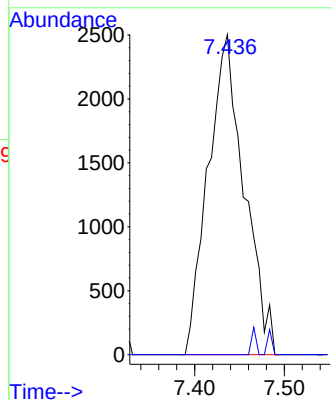
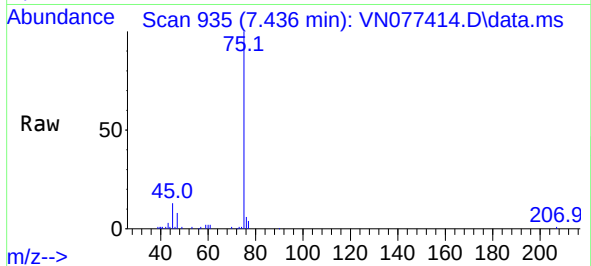




#26
2,2-Dichloropropane
Concen: 0.527 ug/l
RT: 7.436 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

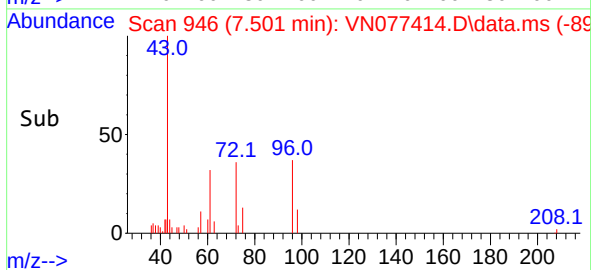
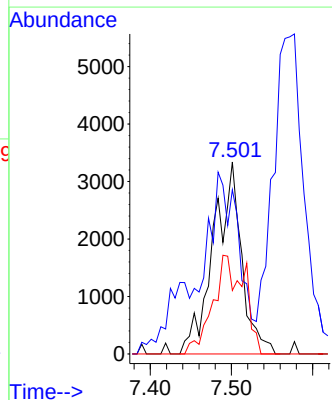
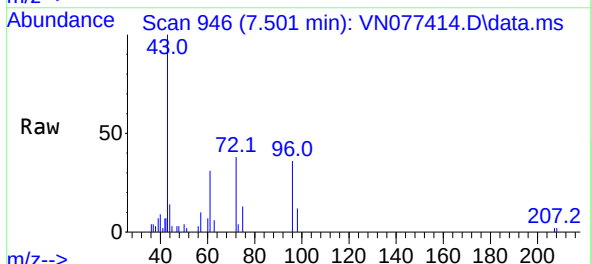
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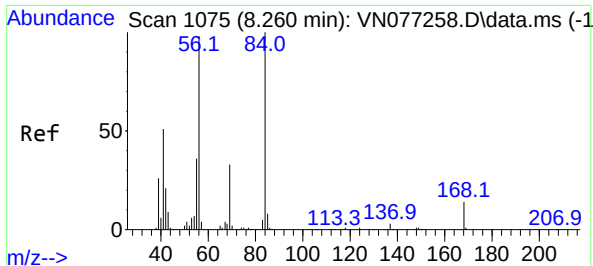
Tgt Ion: 77 Resp: 7000
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



#27
cis-1,2-Dichloroethene
Concen: 0.816 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

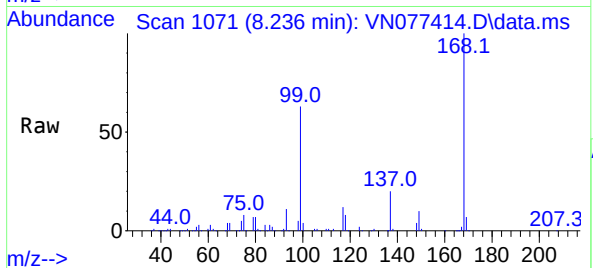
Tgt Ion: 96 Resp: 8083
Ion Ratio Lower Upper
96 100
61 100.0 0.0 261.0
98 56.6 0.0 128.0



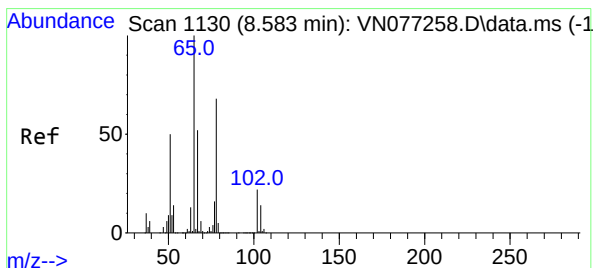
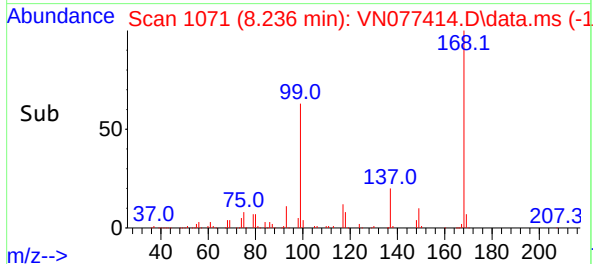
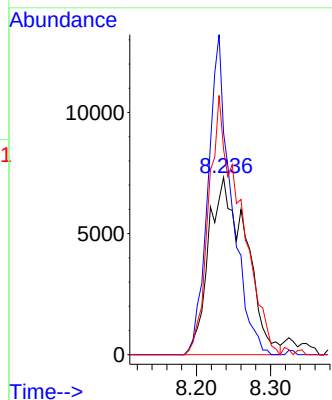


#31
Cyclohexane
Concen: 1.913 ug/l
RT: 8.236 min Scan# 1075
Delta R.T. -0.024 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

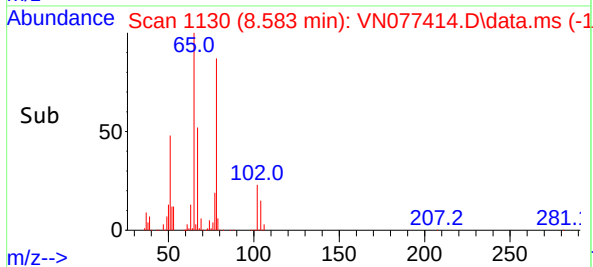
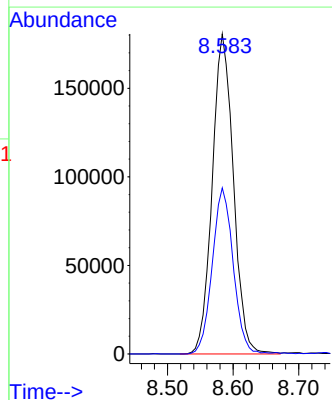
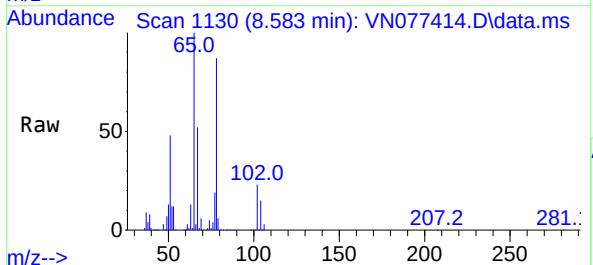


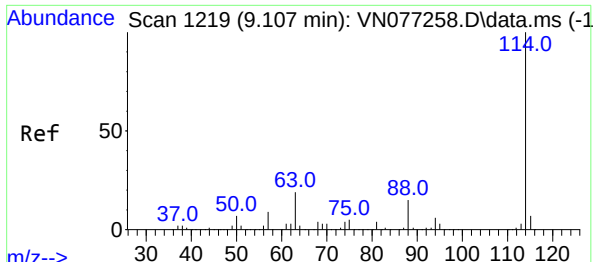
Tgt Ion: 56 Resp: 25703
Ion Ratio Lower Upper
56 100
69 125.3 26.6 40.0#
84 115.9 81.8 122.8



#33
1,2-Dichloroethane-d4
Concen: 46.707 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 65 Resp: 403932
Ion Ratio Lower Upper
65 100
67 51.4 0.0 108.8

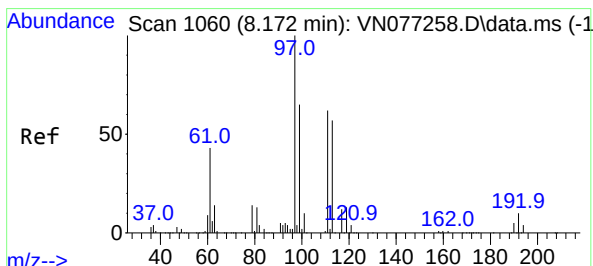
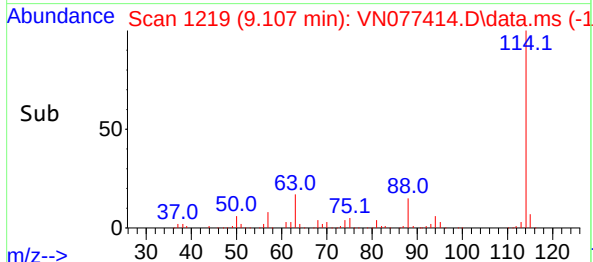
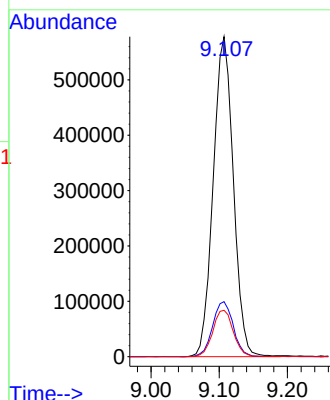
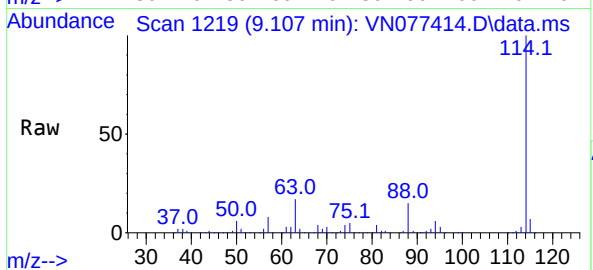




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

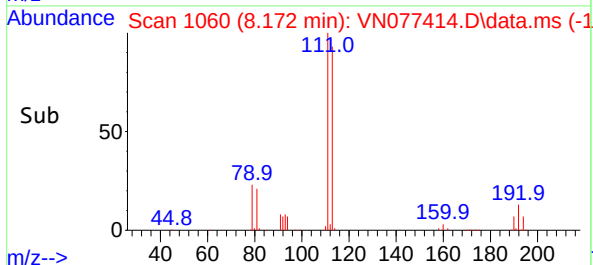
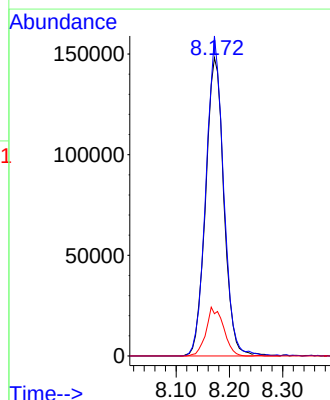
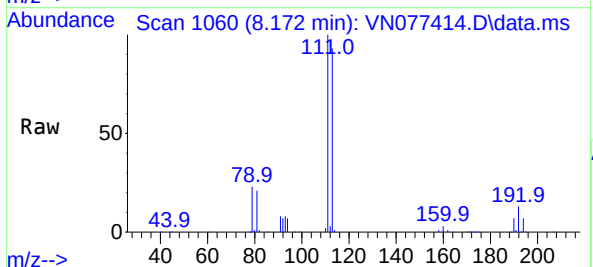
Instrument :
MSVOA_N
ClientSampleId :
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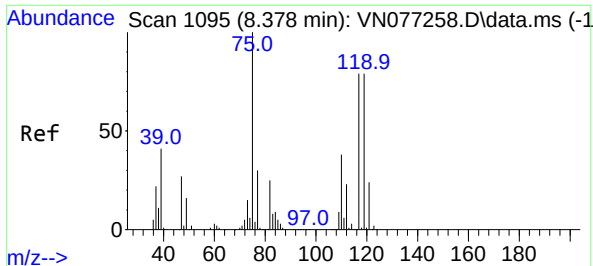
Tgt Ion:114 Resp: 1188410
Ion Ratio Lower Upper
114 100
63 17.2 0.0 37.8
88 14.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.315 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion:113 Resp: 352356
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.0
192 15.7 13.5 20.3

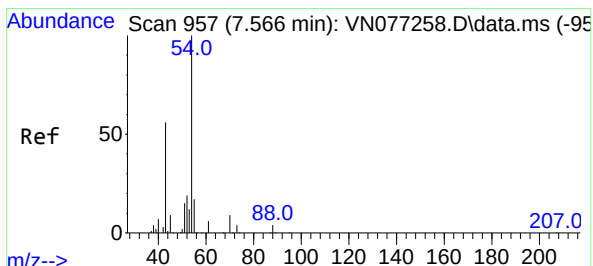
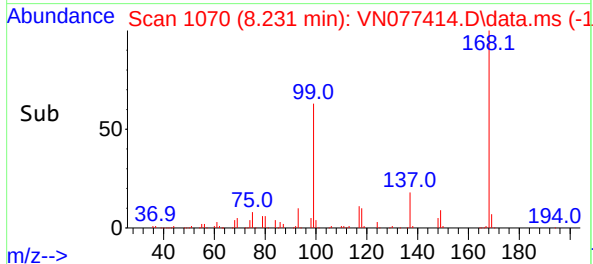
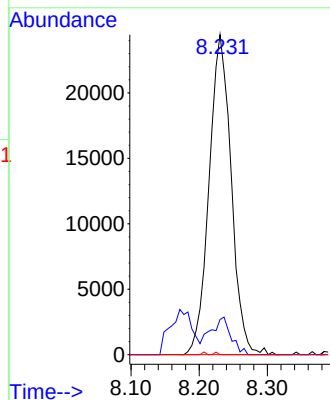
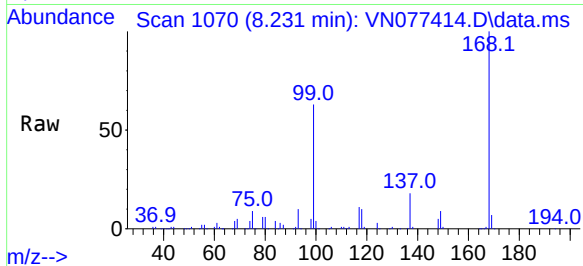




#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.147 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

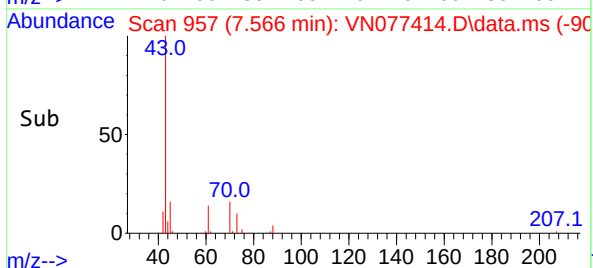
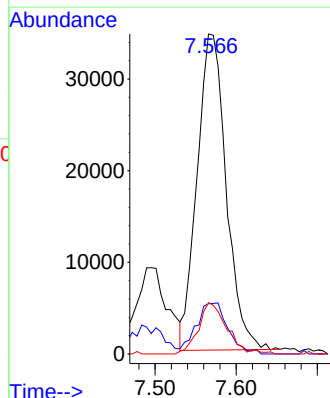
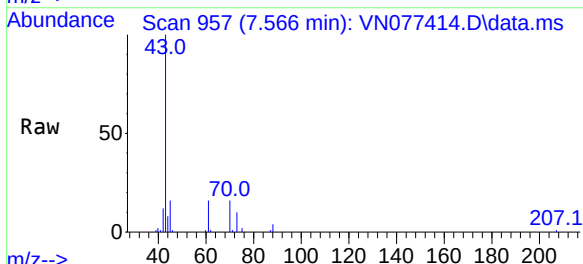
Instrument :
MSVOA_N
ClientSampleId :
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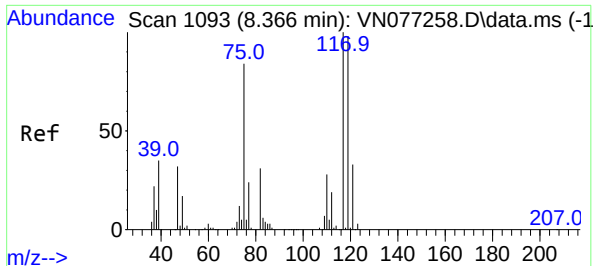
Tgt Ion: 75 Resp: 55222
Ion Ratio Lower Upper
75 100
110 11.1 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 8.546 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 43 Resp: 86033
Ion Ratio Lower Upper
43 100
61 17.4 12.2 18.2
70 15.9 10.0 15.0#

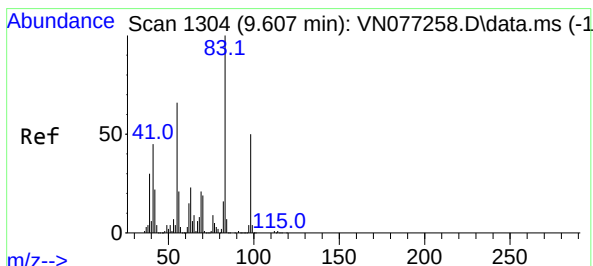
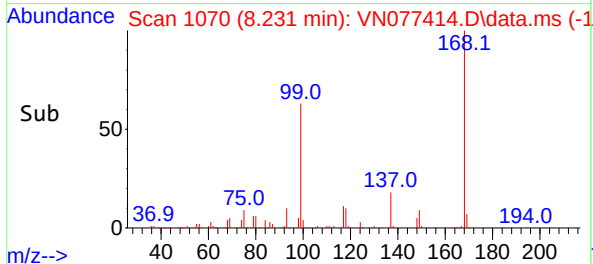
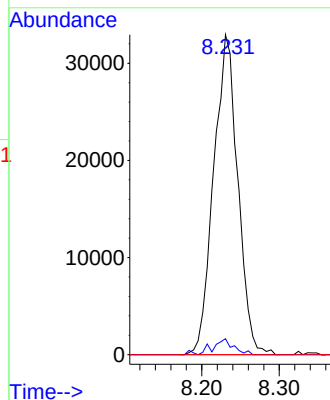
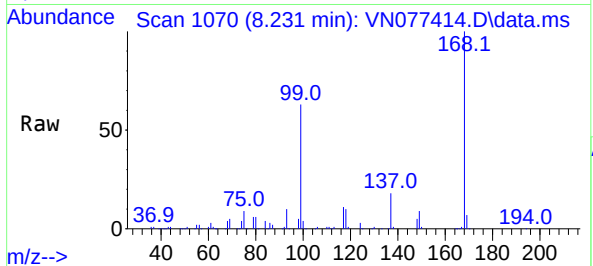




#38
Carbon Tetrachloride
Concen: 6.195 ug/l
RT: 8.231 min Scan# 117
Delta R.T. -0.135 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

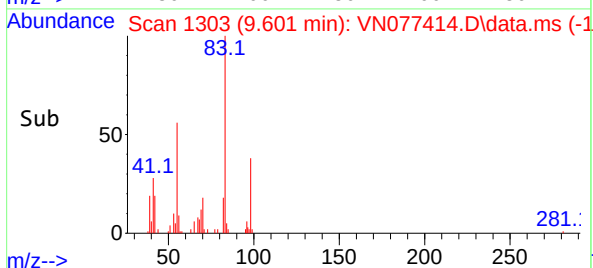
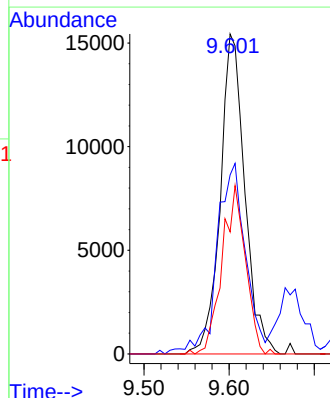
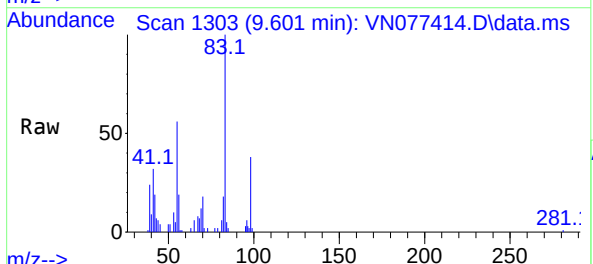
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

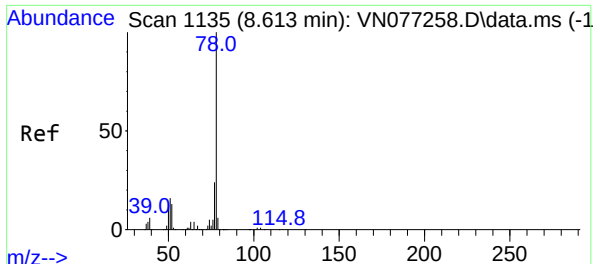
Tgt Ion:117 Resp: 71421
Ion Ratio Lower Upper
117 100
119 5.0 78.5 117.7#
121 0.0 26.6 40.0#



#39
Methylcyclohexane
Concen: 2.032 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 83 Resp: 30835
Ion Ratio Lower Upper
83 100
55 54.3 52.4 78.6
98 38.2 39.8 59.6#

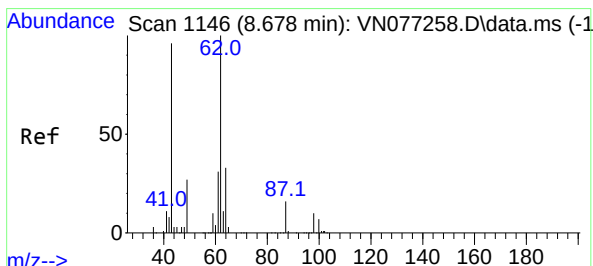
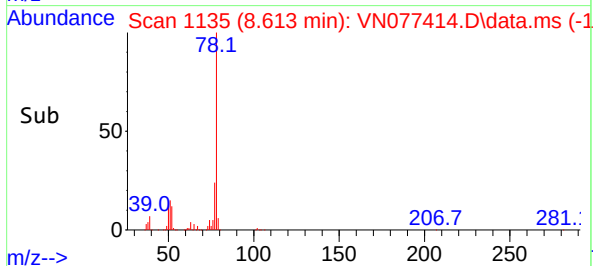
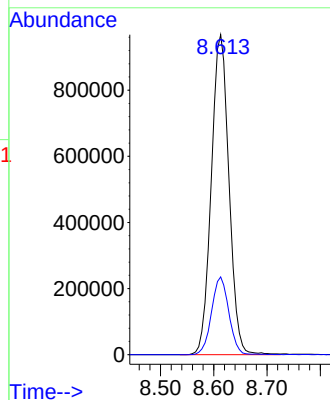
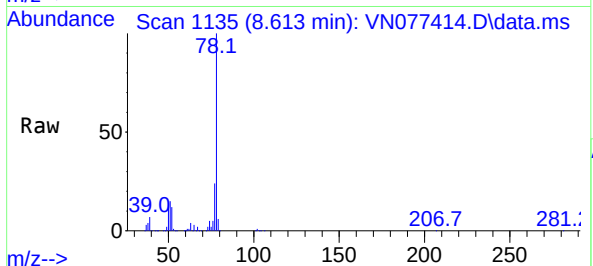




#40
Benzene
Concen: 63.543 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

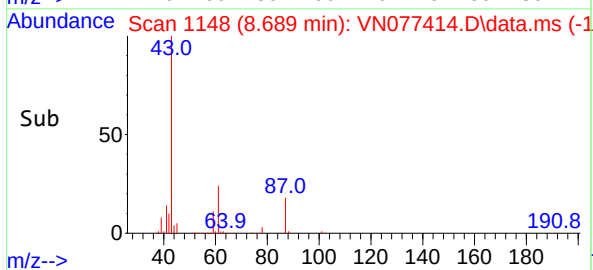
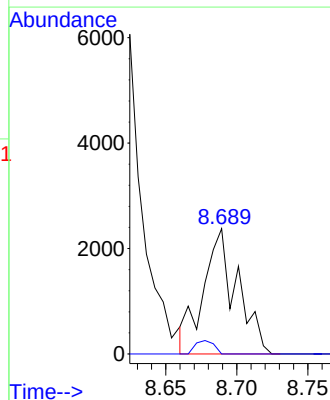
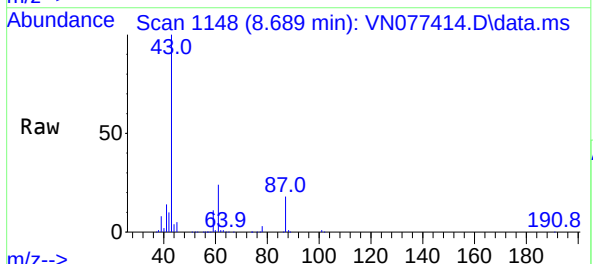
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

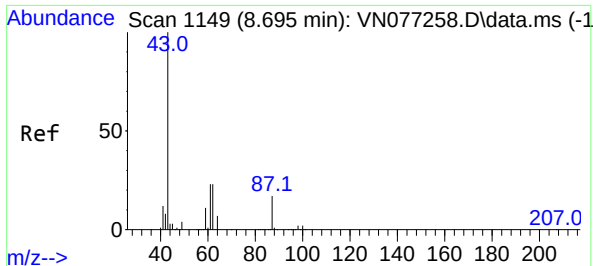
Tgt Ion: 78 Resp: 2230134
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3



#42
1,2-Dichloroethane
Concen: 0.364 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. 0.011 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 62 Resp: 3931
Ion Ratio Lower Upper
62 100
98 6.0 0.0 20.2

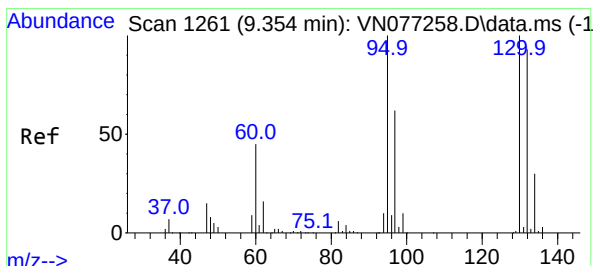
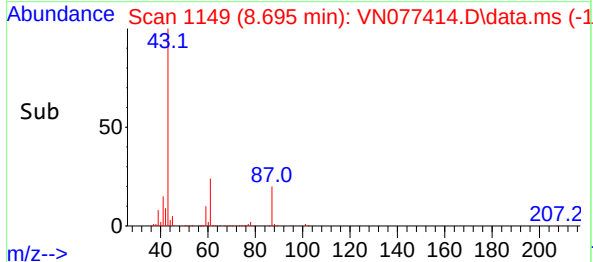
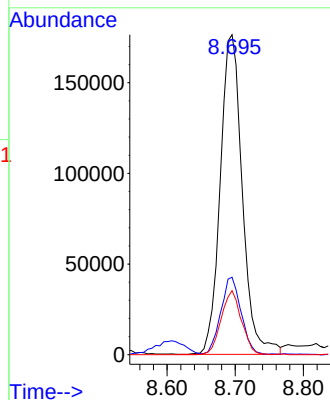
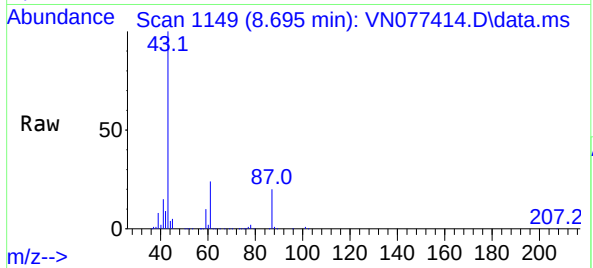




#43
Isopropyl Acetate
Concen: 21.397 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

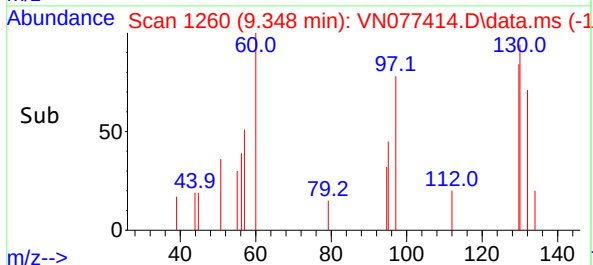
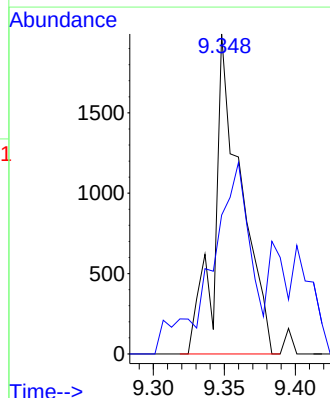
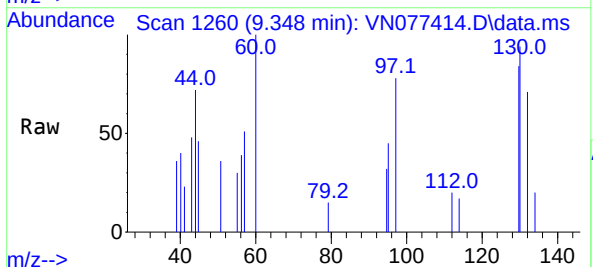
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

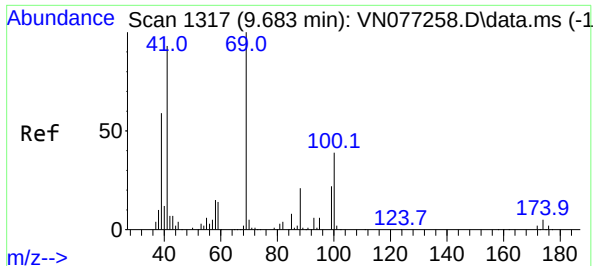
Tgt Ion: 43 Resp: 397480
Ion Ratio Lower Upper
43 100
61 22.2 22.7 34.1#
87 18.4 13.6 20.4



#44
Trichloroethene
Concen: 0.309 ug/l
RT: 9.348 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion:130 Resp: 2592
Ion Ratio Lower Upper
130 100
95 32.4 0.0 200.2

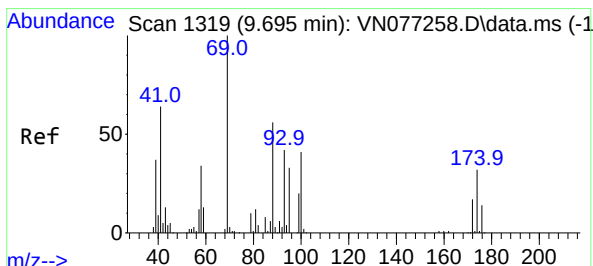
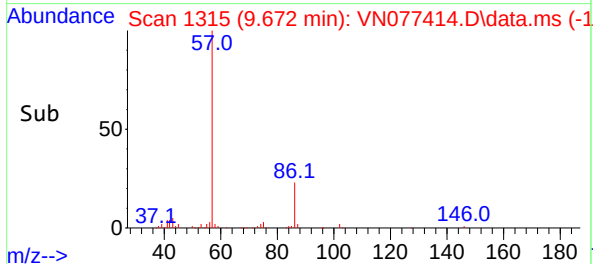
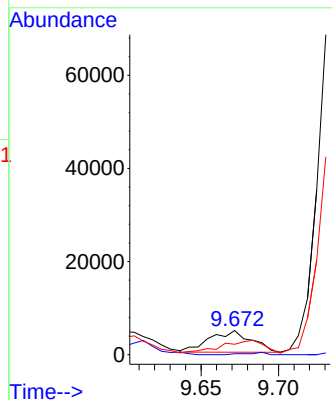
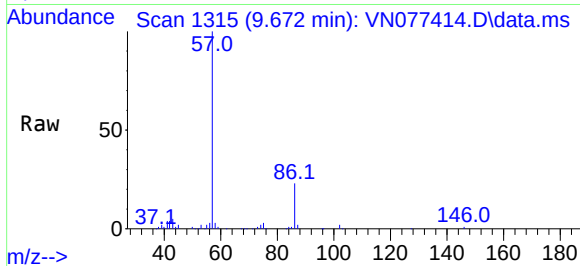




#48
Methyl methacrylate
Concen: 1.109 ug/l
RT: 9.672 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

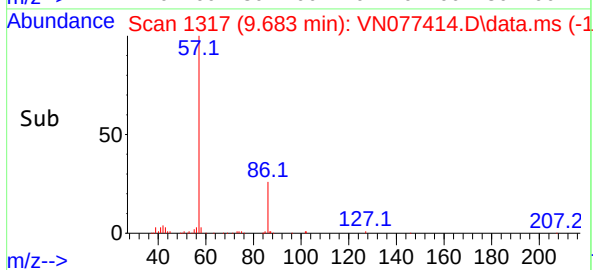
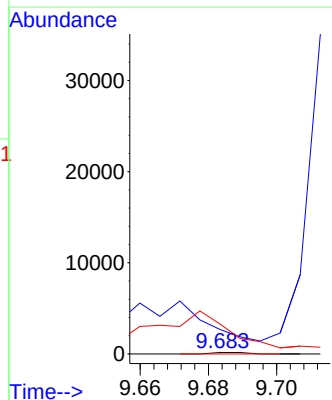
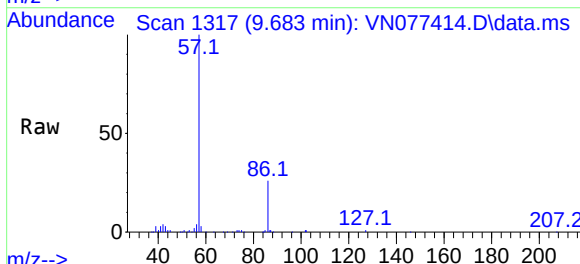
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

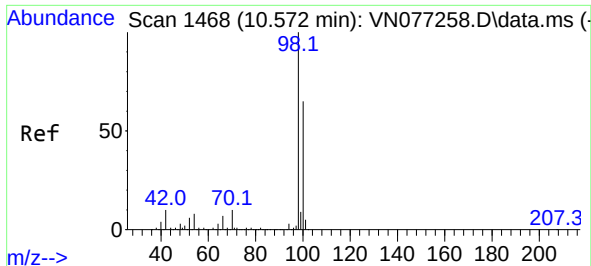
Tgt Ion: 41 Resp: 8787
Ion Ratio Lower Upper
41 100
69 4.5 85.0 127.6#
39 59.8 53.5 80.3



#49
1,4-Dioxane
Concen: 0.593 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.012 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 88 Resp: 114
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 8088.6 49.8 74.6#

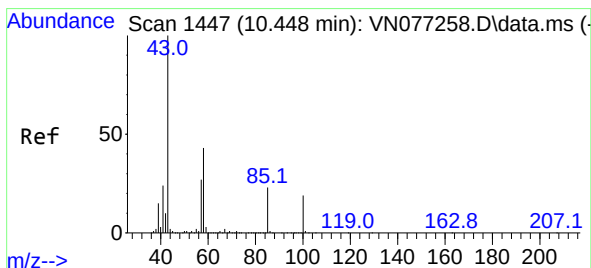
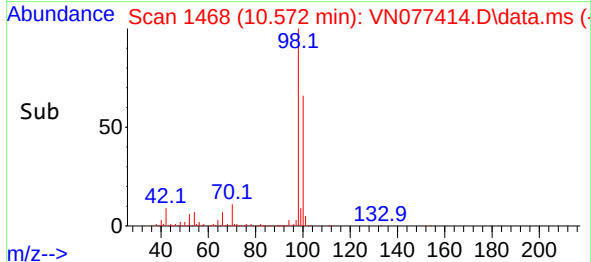
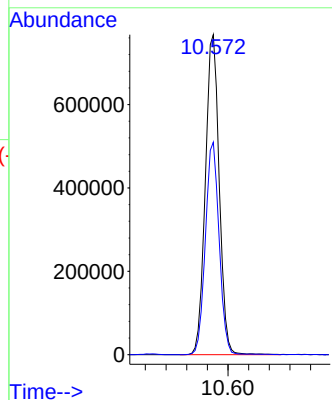
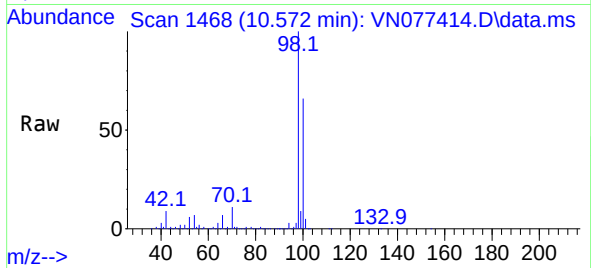




#50
Toluene-d8
Concen: 46.669 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

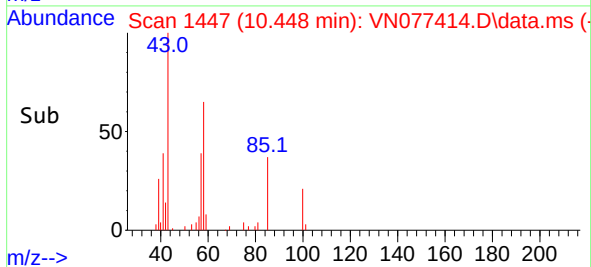
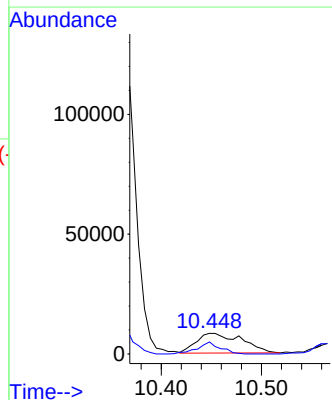
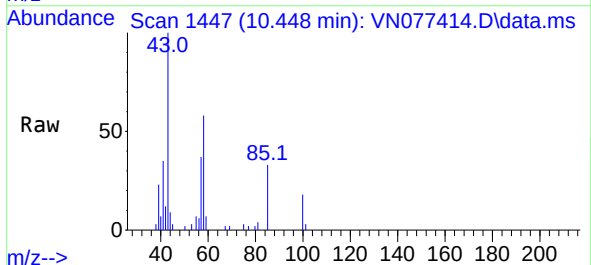
Instrument :
MSVOA_N
ClientSampleId :
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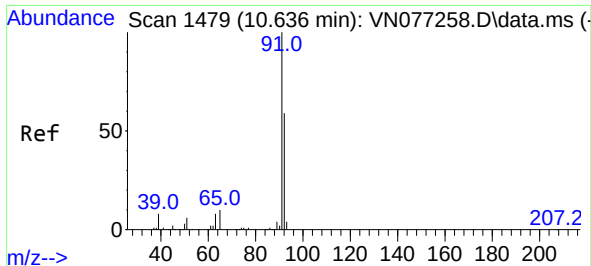
Tgt Ion: 98 Resp: 1429313
Ion Ratio Lower Upper
98 100
100 65.9 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 2.421 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 43 Resp: 25993
Ion Ratio Lower Upper
43 100
58 30.2 34.6 52.0#

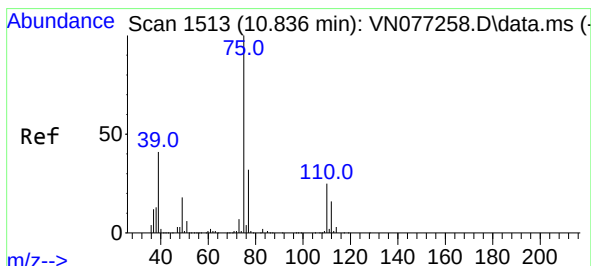
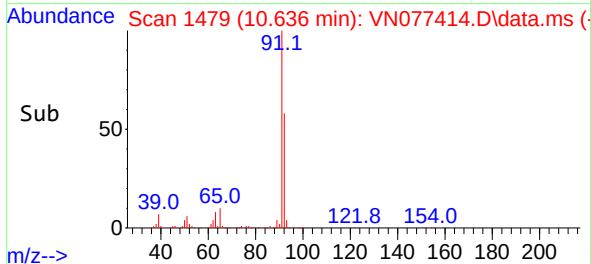
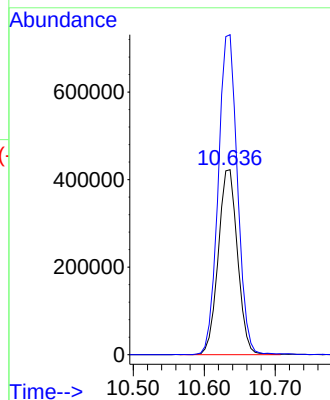
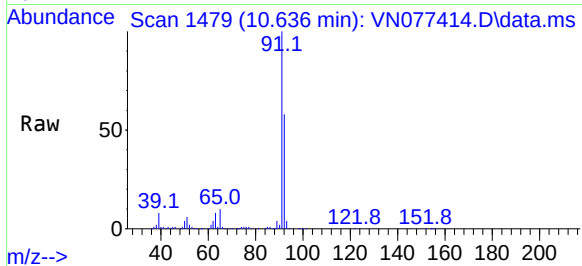




#52
Toluene
Concen: 34.565 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

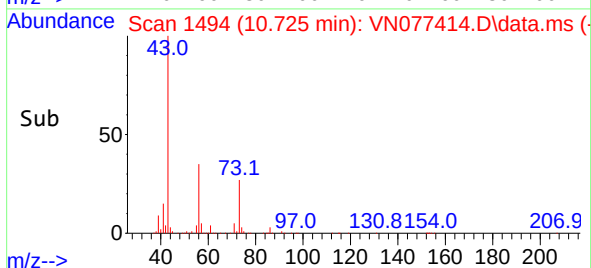
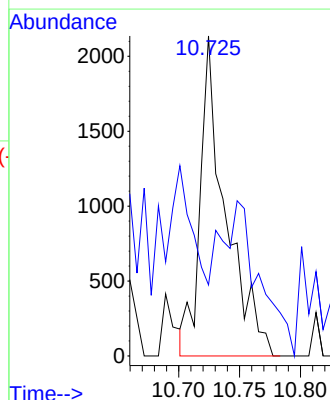
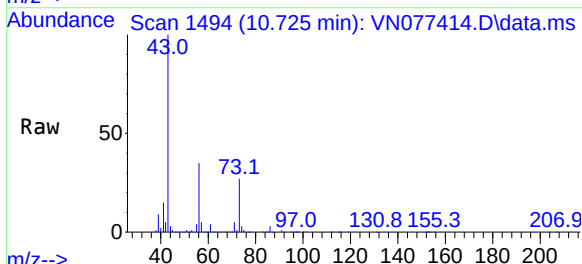
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

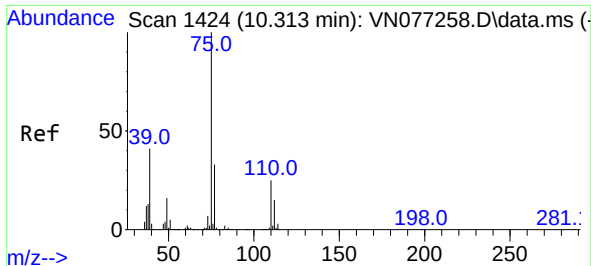
Tgt Ion: 92 Resp: 794041
Ion Ratio Lower Upper
92 100
91 173.0 138.0 207.0



#53
t-1,3-Dichloropropene
Concen: 0.227 ug/l
RT: 10.725 min Scan# 1494
Delta R.T. -0.111 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 75 Resp: 3093
Ion Ratio Lower Upper
75 100
77 8.7 25.4 38.0#

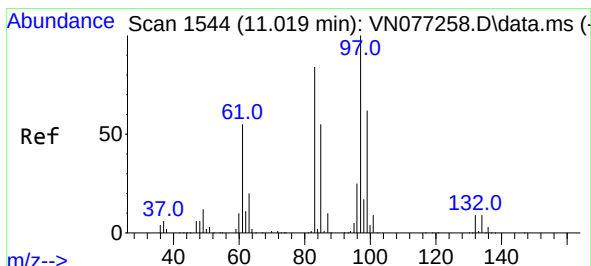
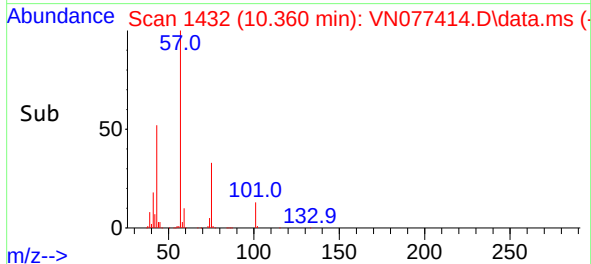
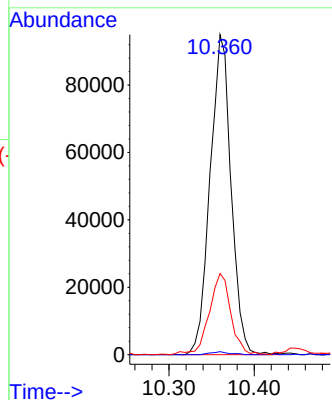
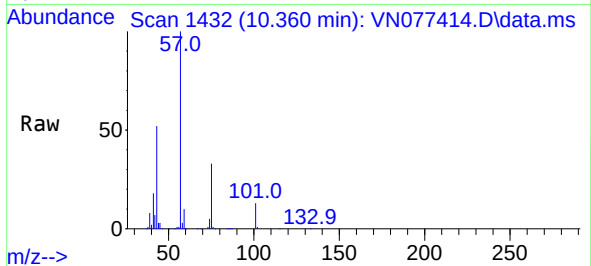




#54
cis-1,3-Dichloropropene
Concen: 11.162 ug/l
RT: 10.360 min Scan# 1432
Delta R.T. 0.047 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

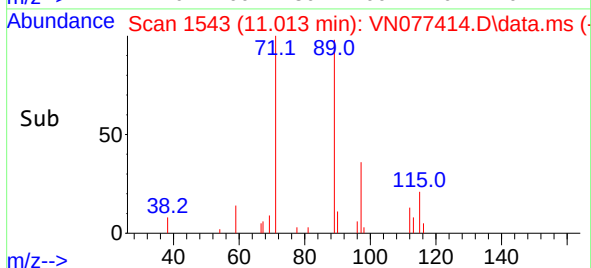
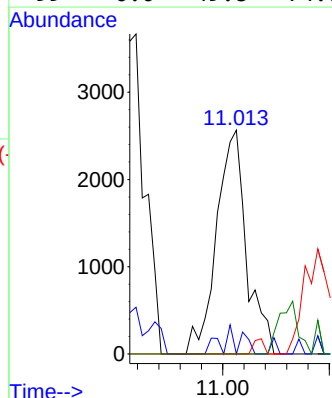
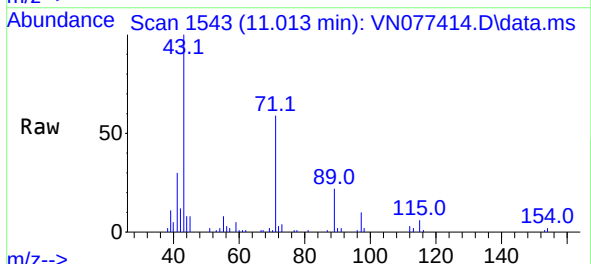
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

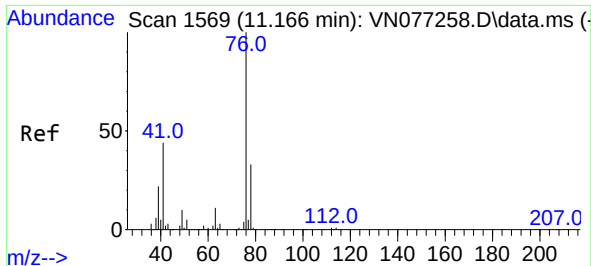
Tgt Ion: 75 Resp: 162063
Ion Ratio Lower Upper
75 100
77 0.9 26.7 40.1#
39 24.8 32.8 49.2#



#55
1,1,2-Trichloroethane
Concen: 0.556 ug/l
RT: 11.013 min Scan# 1543
Delta R.T. -0.006 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 97 Resp: 5010
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#





#57

1,3-Dichloropropane

Concen: 1.275 ug/l

RT: 11.207 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN077414.D

Acq: 20 Apr 2023 20:48

Instrument :

MSVOA_N

ClientSampleId :

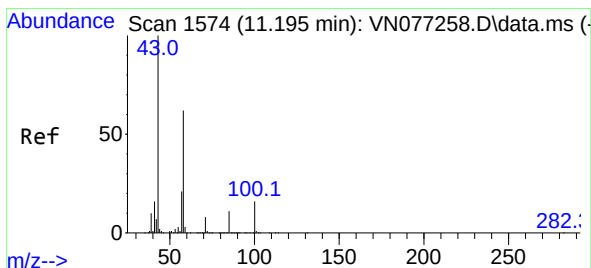
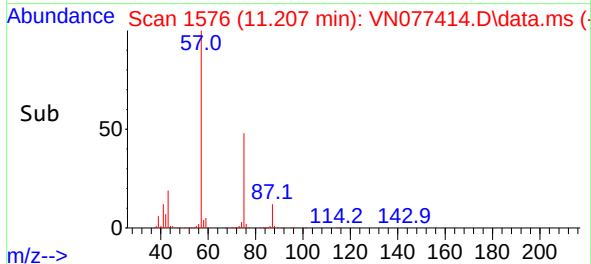
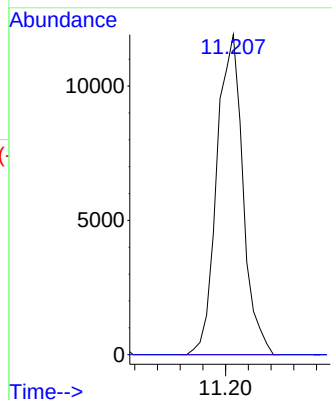
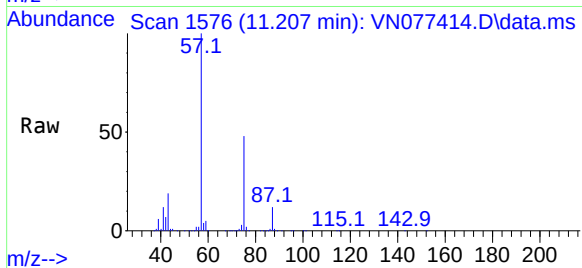
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Tgt Ion: 76 Resp: 19002

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.4#



#59

2-Hexanone

Concen: 43.137 ug/l

RT: 11.172 min Scan# 1570

Delta R.T. -0.023 min

Lab File: VN077414.D

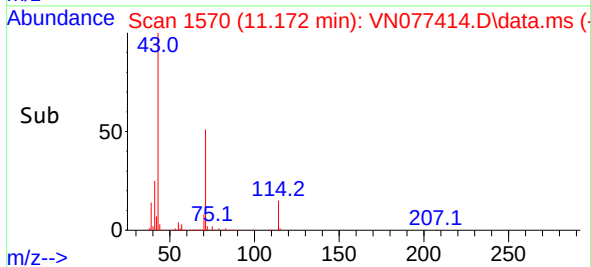
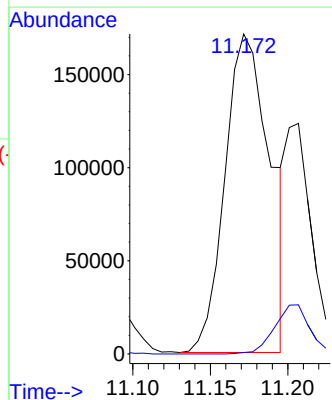
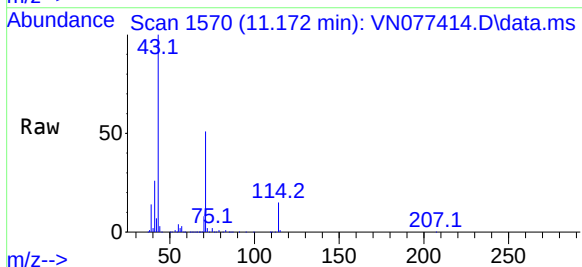
Acq: 20 Apr 2023 20:48

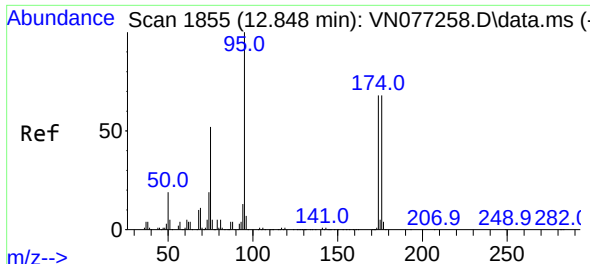
Tgt Ion: 43 Resp: 345077

Ion Ratio Lower Upper

43 100

58 0.0 30.9 92.5#

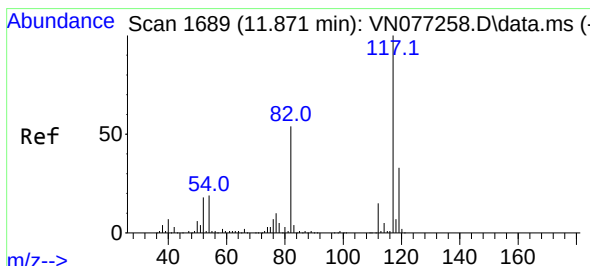
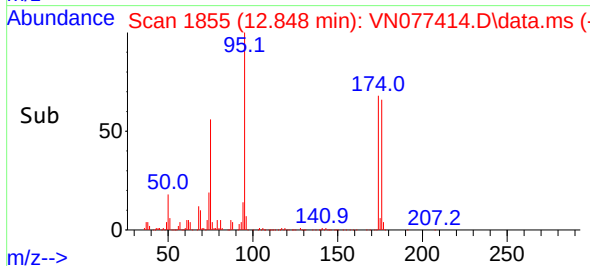
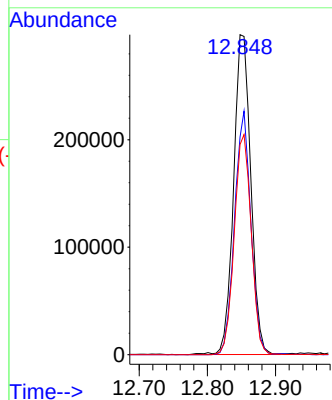
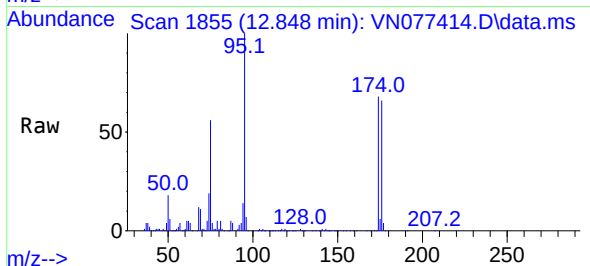




#62
4-Bromofluorobenzene
Concen: 51.192 ug/l
RT: 12.848 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

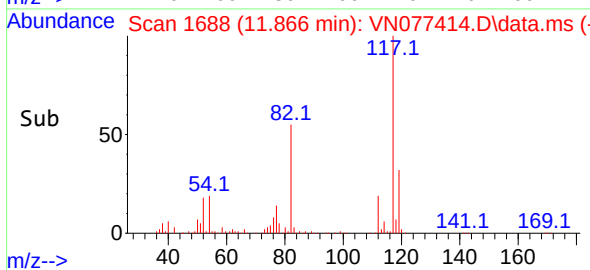
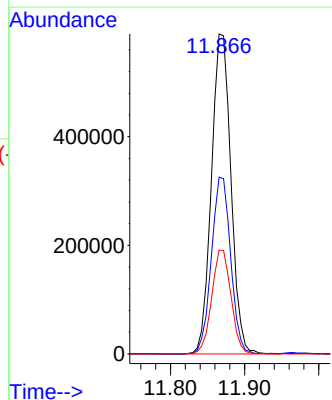
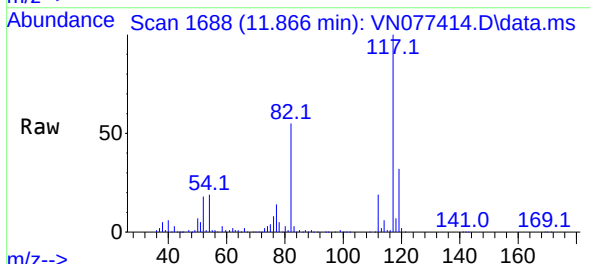
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

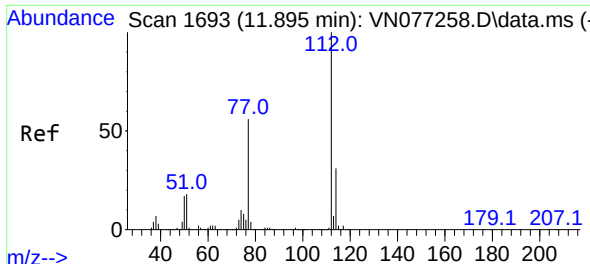
Tgt Ion: 95 Resp: 521441
Ion Ratio Lower Upper
95 100
174 72.4 0.0 146.8
176 68.0 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 117 Resp: 1076848
Ion Ratio Lower Upper
117 100
82 55.3 42.9 64.3
119 32.4 26.2 39.4

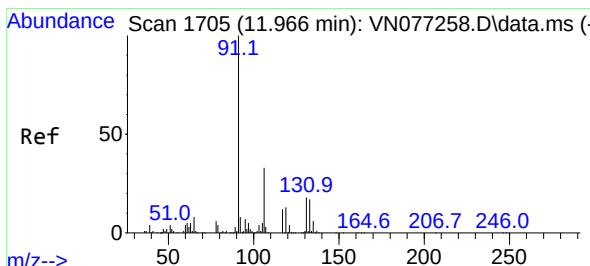
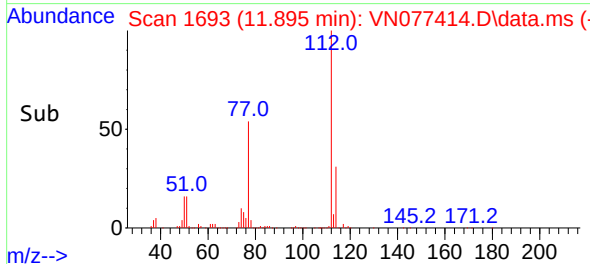
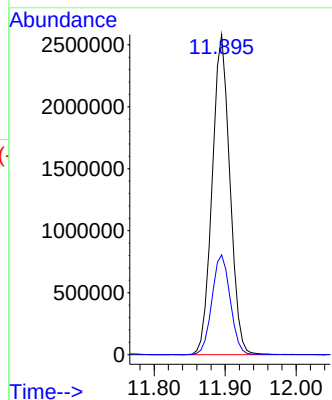
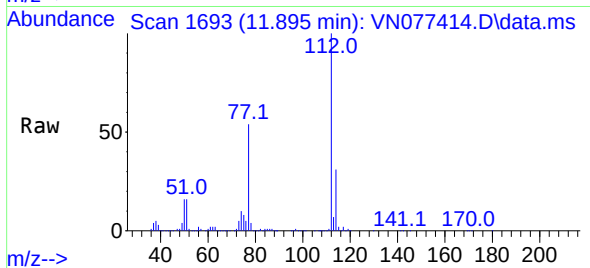




#65
Chlorobenzene
Concen: 188.114 ug/l
RT: 11.895 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

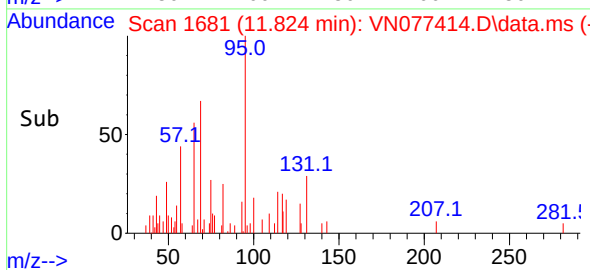
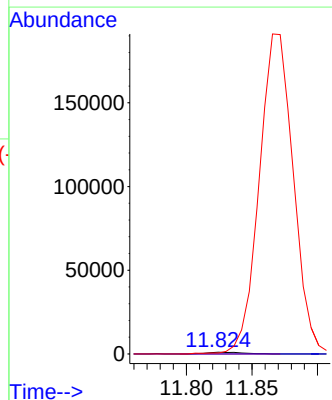
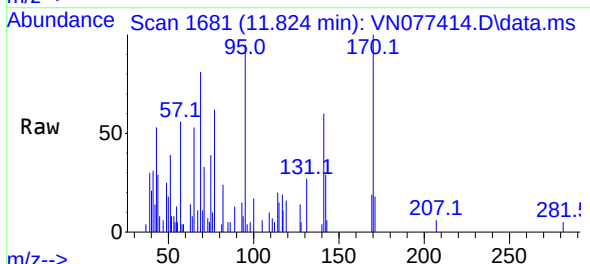
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

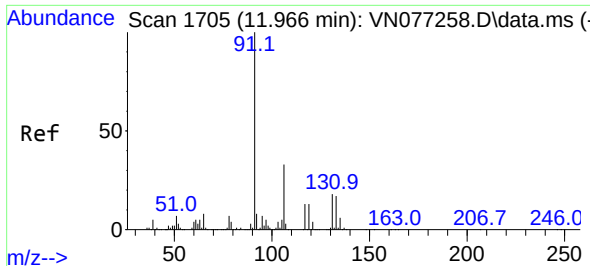
Tgt Ion:112 Resp: 4459821
Ion Ratio Lower Upper
112 100
114 31.2 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.218 ug/l
RT: 11.824 min Scan# 1681
Delta R.T. -0.142 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion:131 Resp: 1960
Ion Ratio Lower Upper
131 100
133 0.0 46.9 140.6#
119 0.0 34.0 102.0#

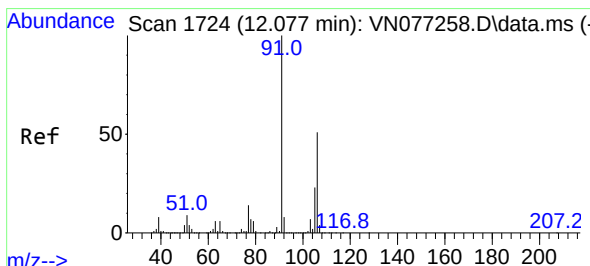
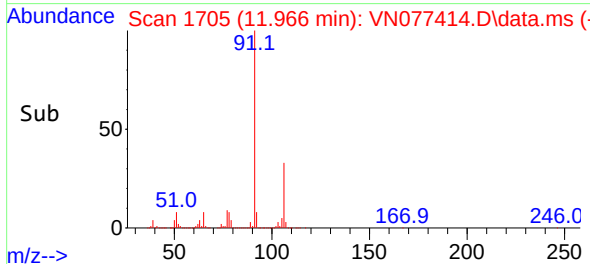
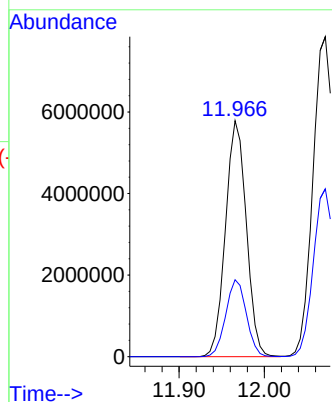
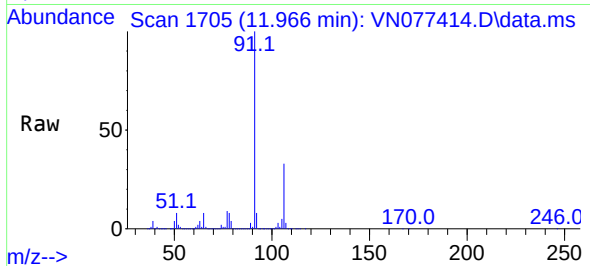




#67
Ethyl Benzene
Concen: 224.419 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

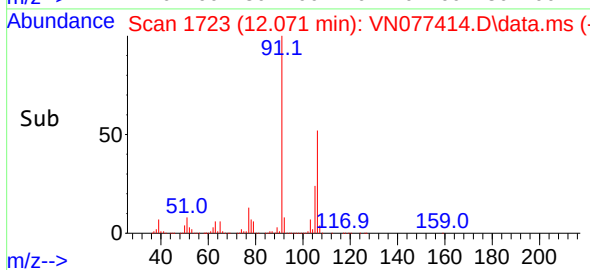
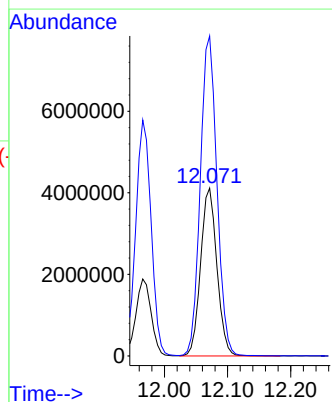
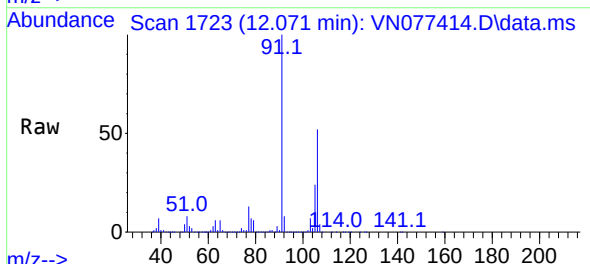
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

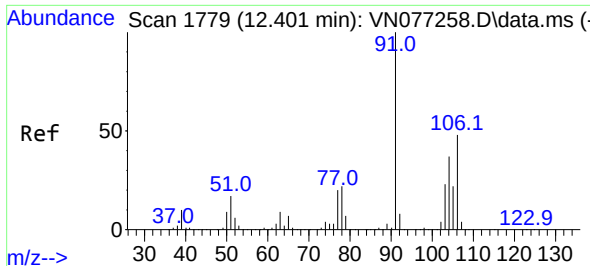
Tgt Ion: 91 Resp: 9818076
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2



#68
m/p-Xylenes
Concen: 428.097 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion:106 Resp: 7358915
Ion Ratio Lower Upper
106 100
91 194.7 158.7 238.1

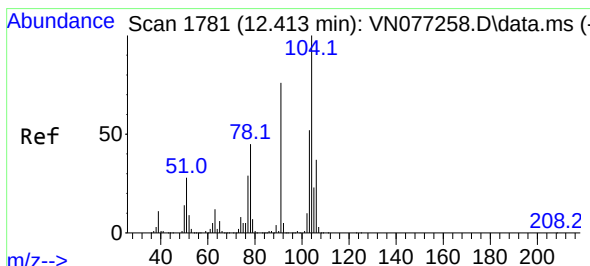
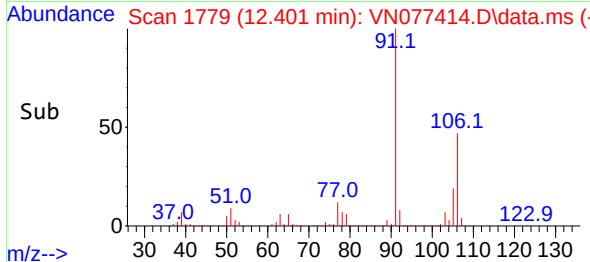
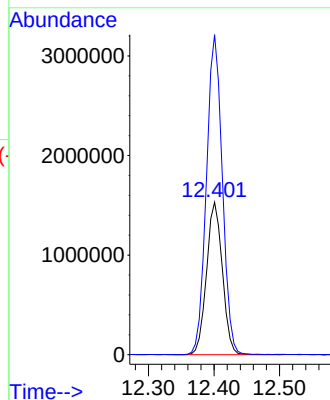
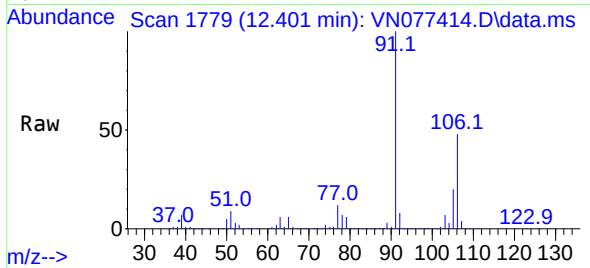




#69
o-Xylene
Concen: 151.392 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

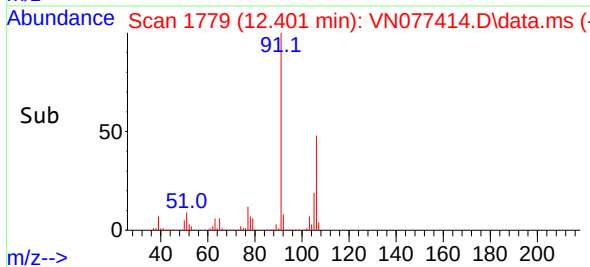
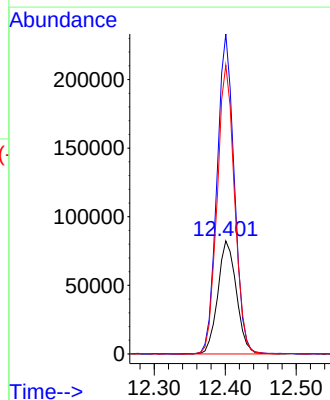
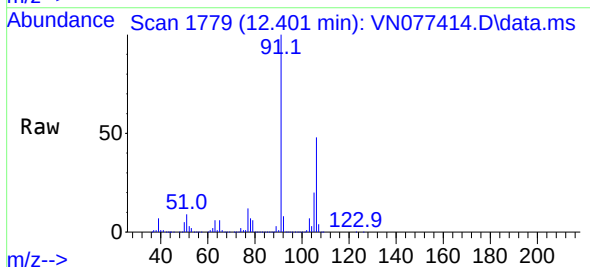
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

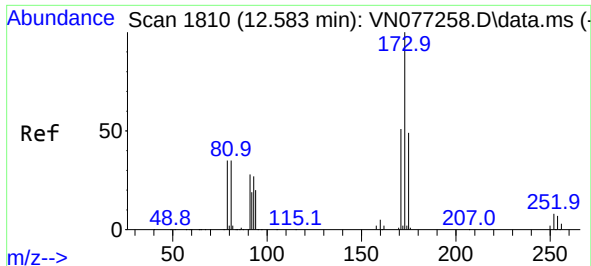
Tgt Ion:106 Resp: 2567339
Ion Ratio Lower Upper
106 100
91 211.2 104.0 312.0



#70
Styrene
Concen: 5.482 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.012 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion:104 Resp: 149603
Ion Ratio Lower Upper
104 100
78 262.4 38.0 57.0#
103 239.4 43.1 64.7#

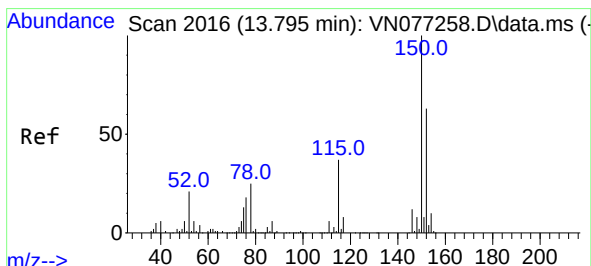
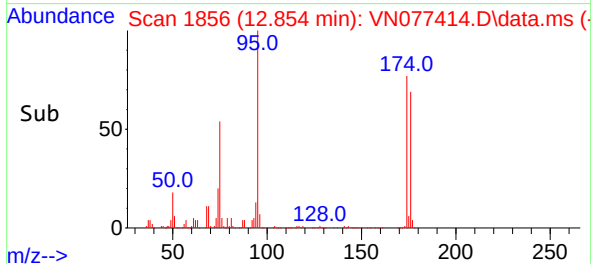
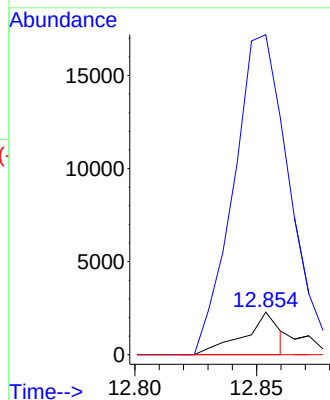
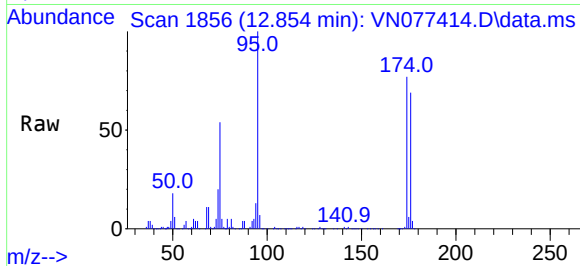




#71
Bromoform
Concen: 0.363 ug/l
RT: 12.854 min Scan# 1810
Delta R.T. 0.271 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

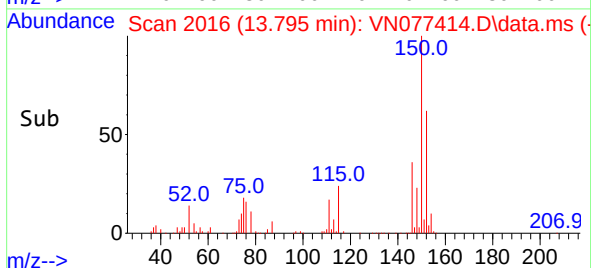
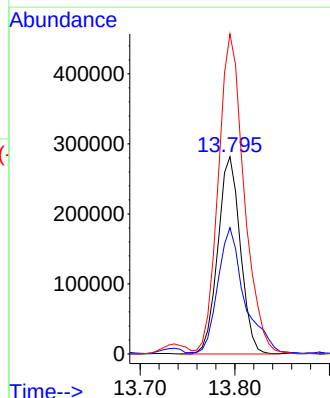
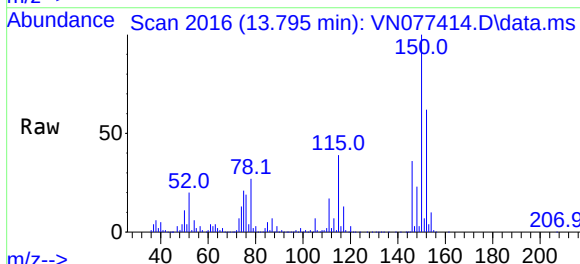
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

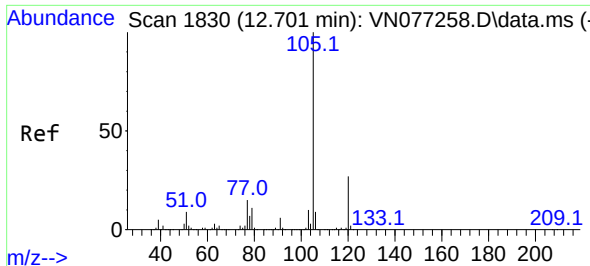
Tgt Ion:173 Resp: 2293
Ion Ratio Lower Upper
173 100
175 1000.5 24.1 72.4#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion:152 Resp: 465679
Ion Ratio Lower Upper
152 100
115 75.5 32.1 96.3
150 186.3 0.0 354.8

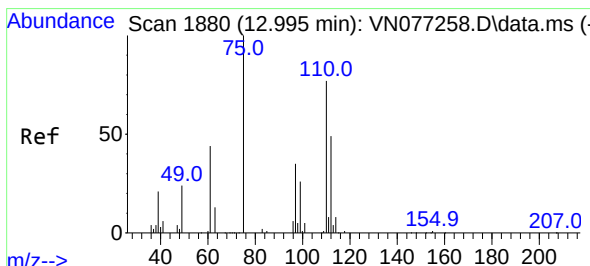
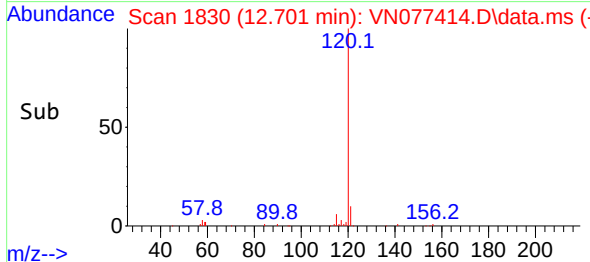
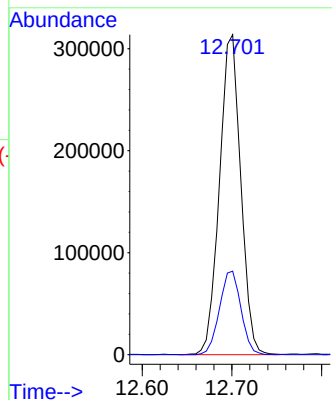
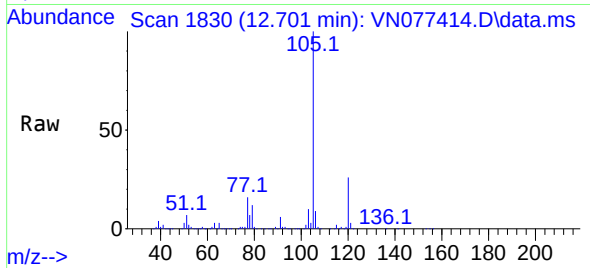




#73
Isopropylbenzene
Concen: 11.417 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

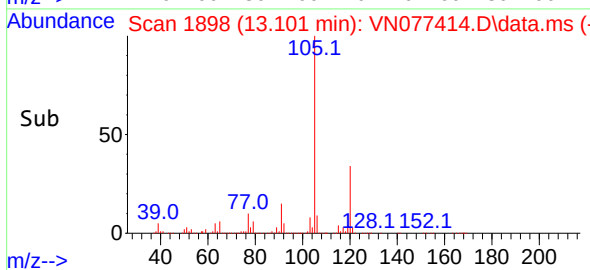
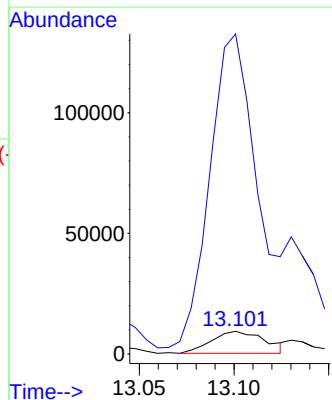
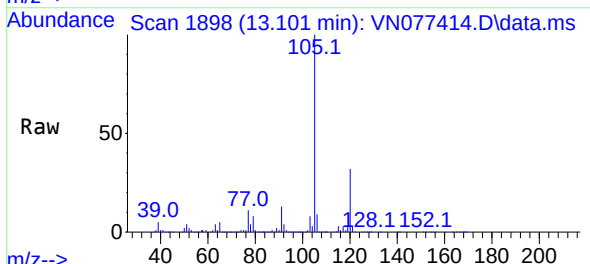
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

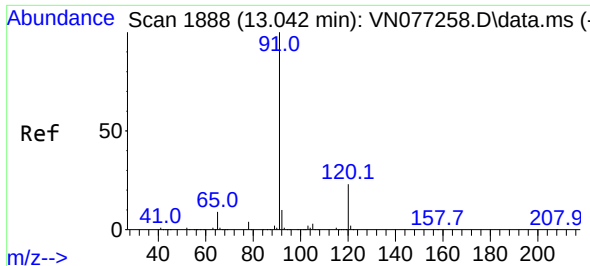
Tgt Ion:105 Resp: 516424
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#76
1,2,3-Trichloropropane
Concen: 1.621 ug/l
RT: 13.101 min Scan# 1898
Delta R.T. 0.106 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 75 Resp: 17977
Ion Ratio Lower Upper
75 100
77 1267.7 88.3 264.9#

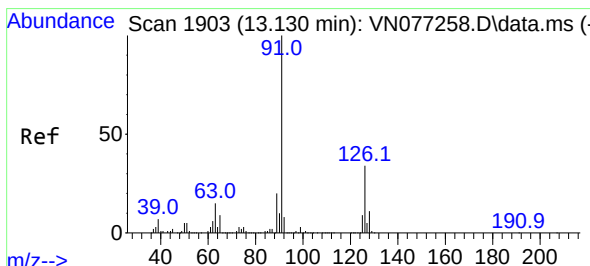
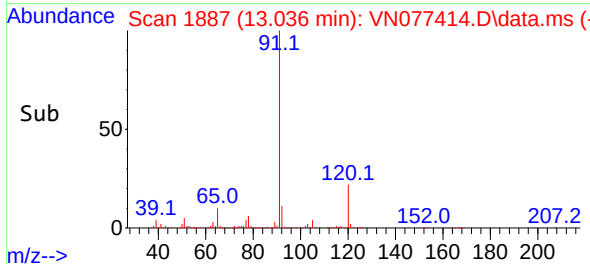
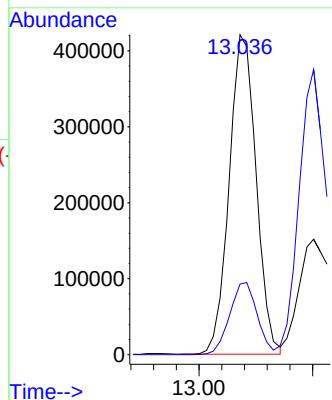
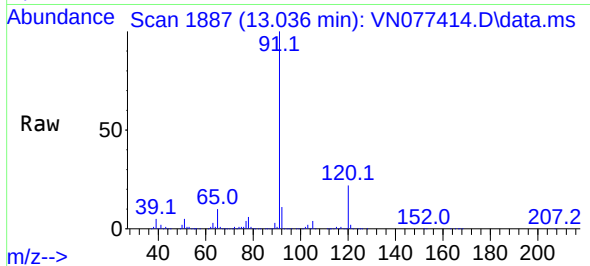




#78
n-propylbenzene
Concen: 13.861 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

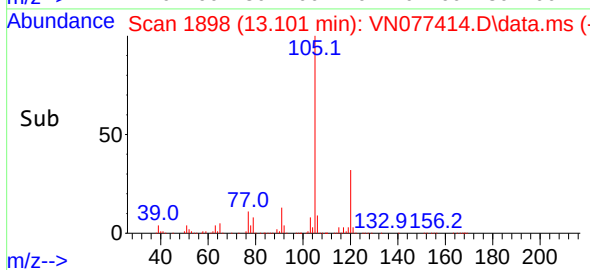
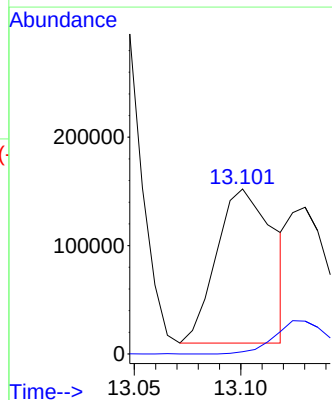
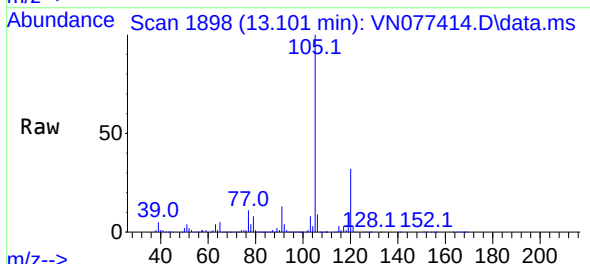
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

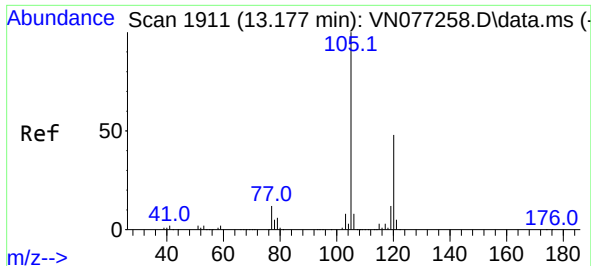
Tgt Ion: 91 Resp: 692713
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5



#79
2-Chlorotoluene
Concen: 8.796 ug/l
RT: 13.101 min Scan# 1898
Delta R.T. -0.029 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 91 Resp: 264708
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#

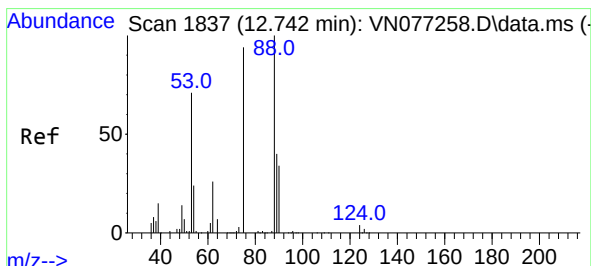
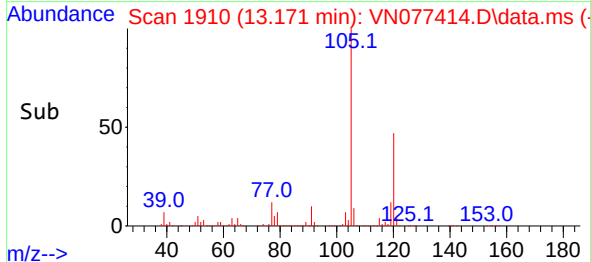
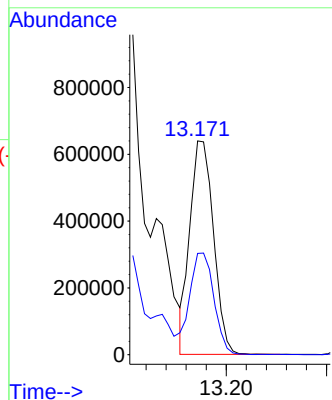
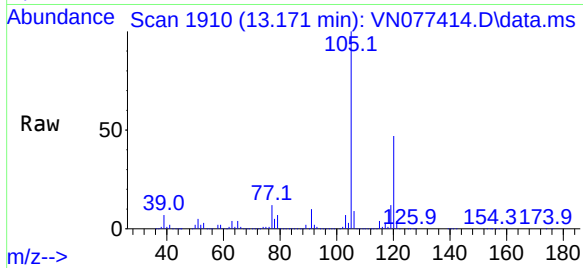




#80
1,3,5-Trimethylbenzene
Concen: 28.974 ug/l
RT: 13.171 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

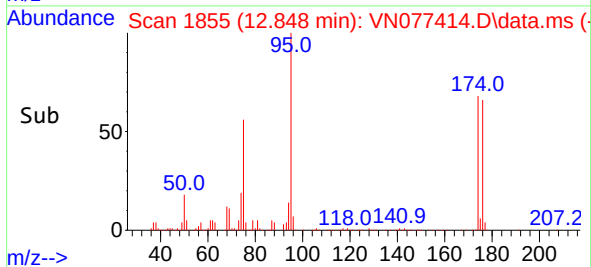
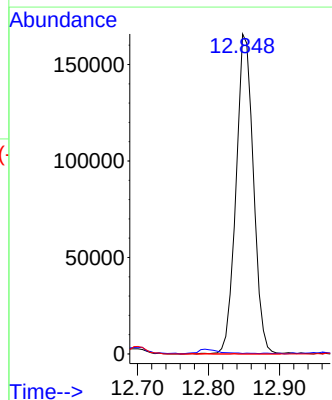
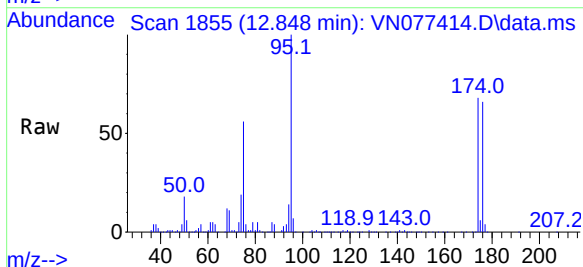
Instrument :
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ClientSampleId :
SPA-1WC-23-04

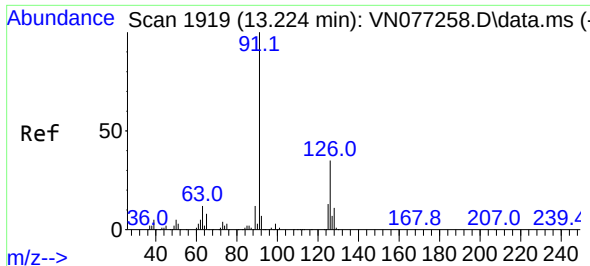
Tgt Ion:105 Resp: 1046729
Ion Ratio Lower Upper
105 100
120 49.9 24.3 73.0



#81
trans-1,4-Dichloro-2-butene
Concen: 57.354 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.106 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 75 Resp: 282626
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.0 37.4 56.2#

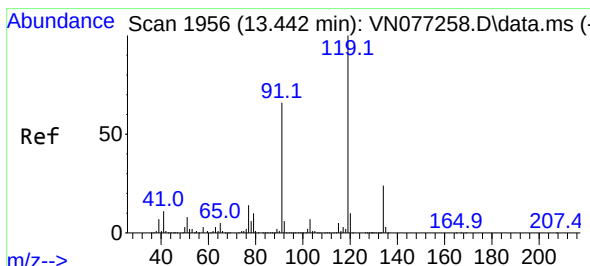
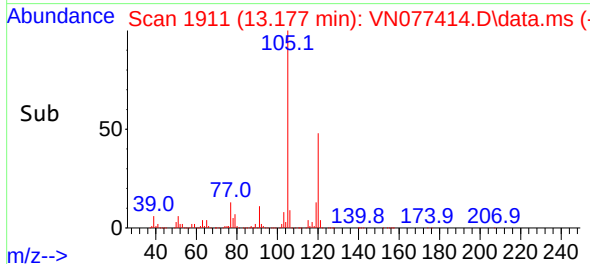
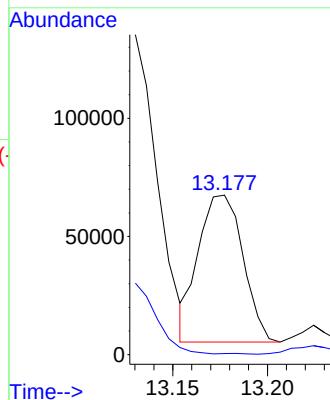
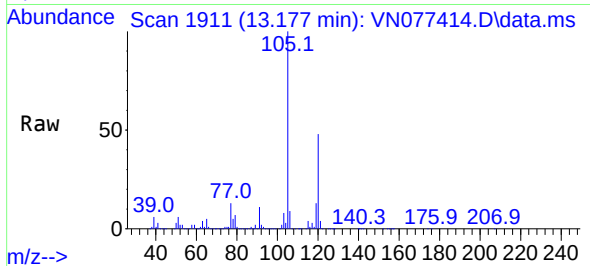




#82
4-Chlorotoluene
Concen: 3.584 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.047 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

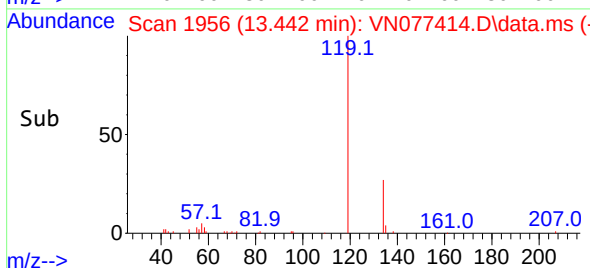
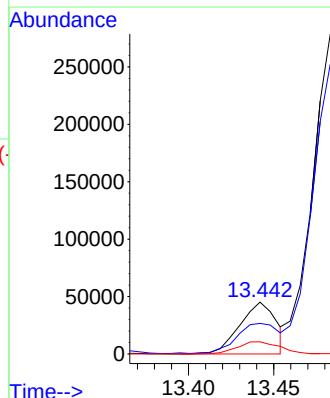
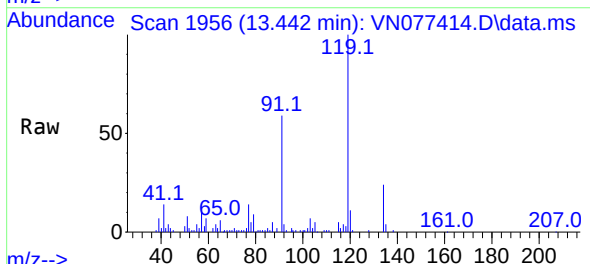
Instrument :
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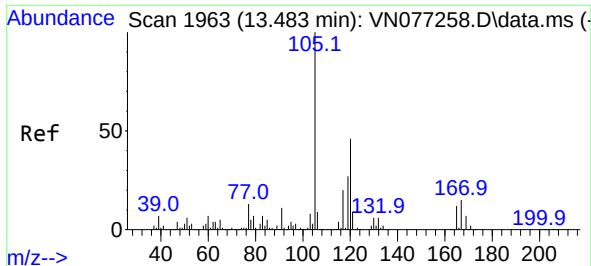
Tgt Ion: 91 Resp: 101682
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#



#83
tert-Butylbenzene
Concen: 2.071 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 119 Resp: 66580
Ion Ratio Lower Upper
119 100
91 66.5 33.5 100.4
134 28.3 13.3 39.9

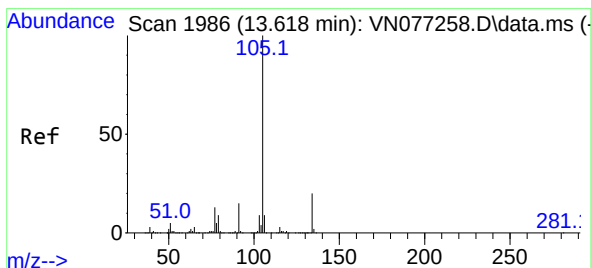
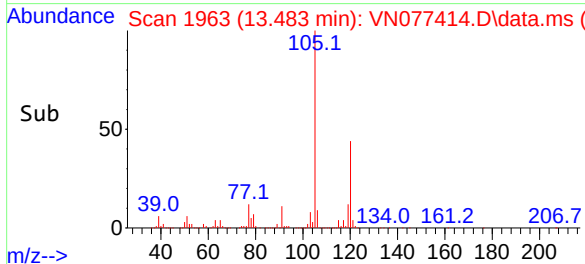
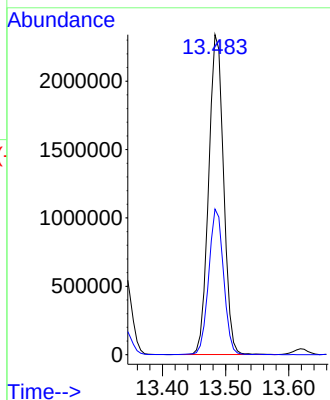
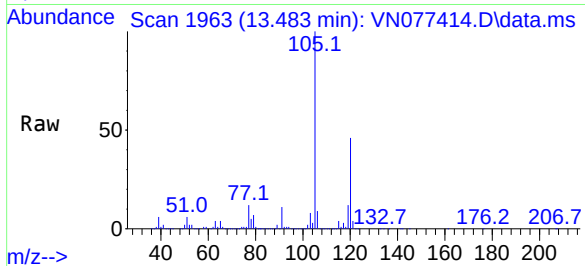




#84
1,2,4-Trimethylbenzene
Concen: 107.471 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

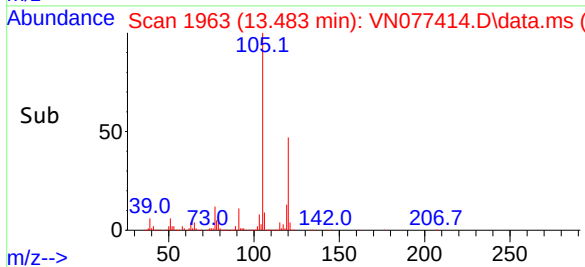
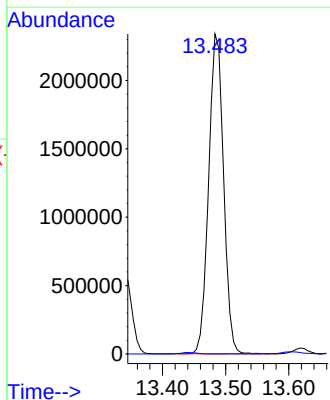
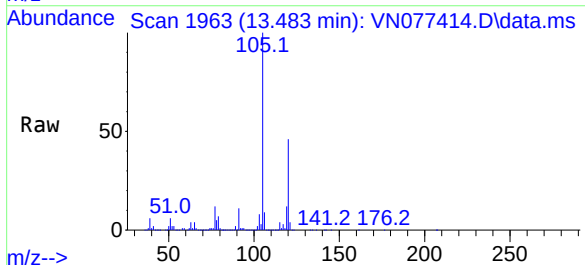
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

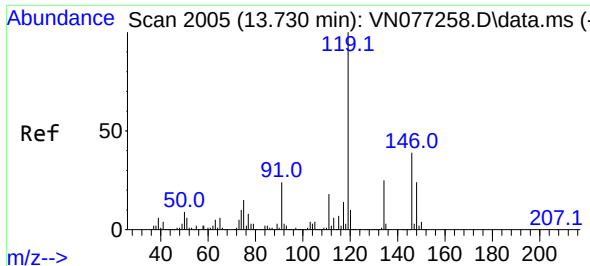
Tgt Ion:105 Resp: 3835705
Ion Ratio Lower Upper
105 100
120 45.4 22.5 67.5



#85
sec-Butylbenzene
Concen: 85.591 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.135 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion:105 Resp: 3835705
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#

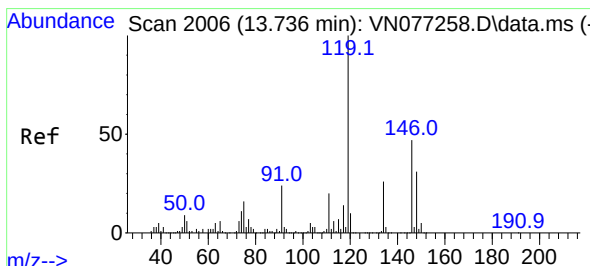
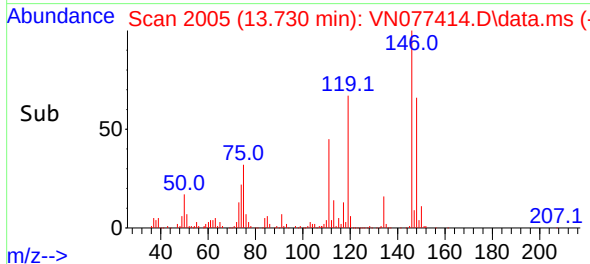
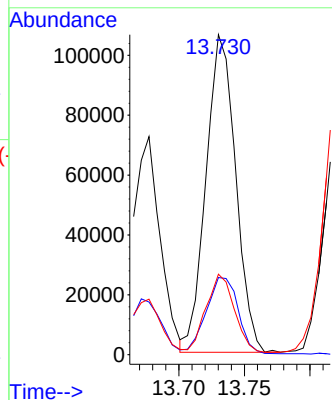
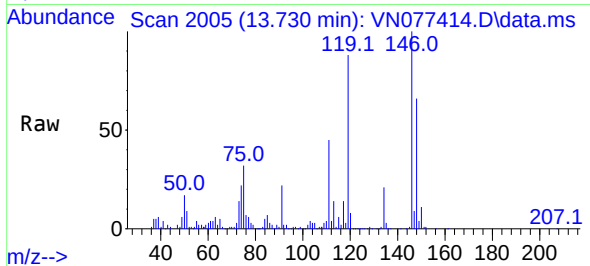




#86
p-Isopropyltoluene
Concen: 4.750 ug/l
RT: 13.730 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

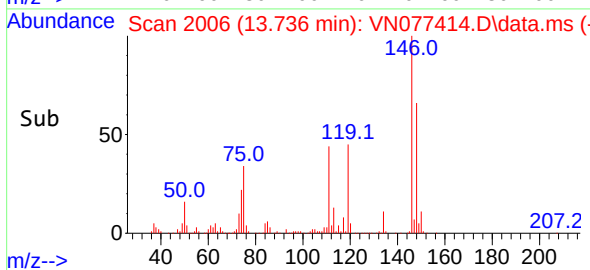
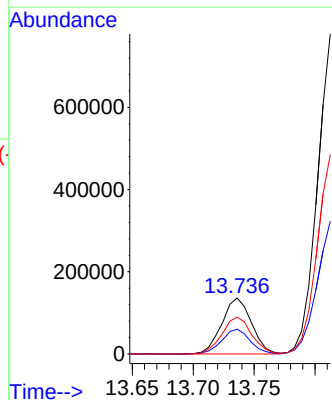
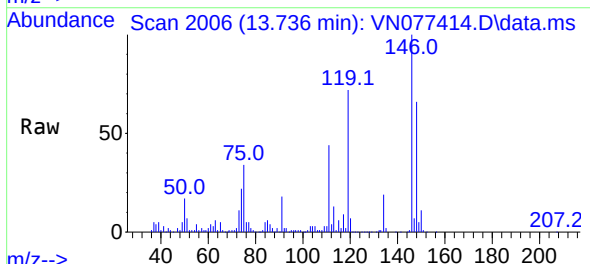
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

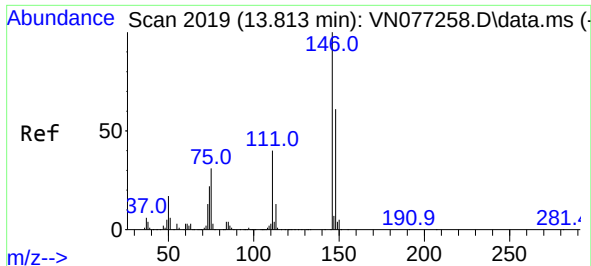
Tgt Ion:119 Resp: 167309
Ion Ratio Lower Upper
119 100
134 25.7 12.9 38.6
91 23.1 12.3 36.8



#87
1,3-Dichlorobenzene
Concen: 13.495 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion:146 Resp: 229615
Ion Ratio Lower Upper
146 100
111 42.9 21.8 65.4
148 65.9 31.7 95.1

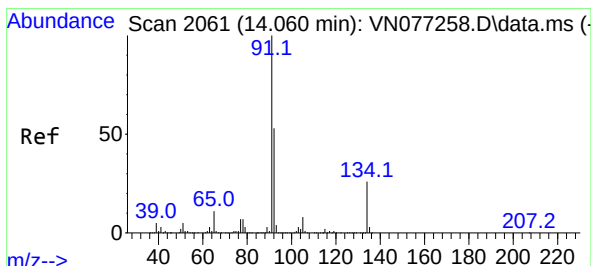
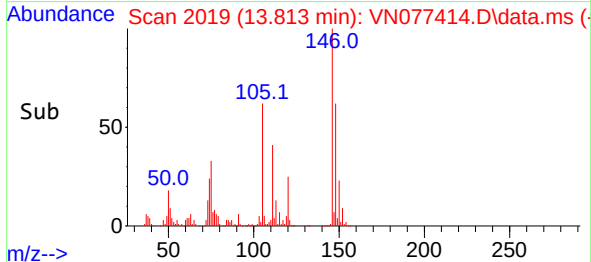
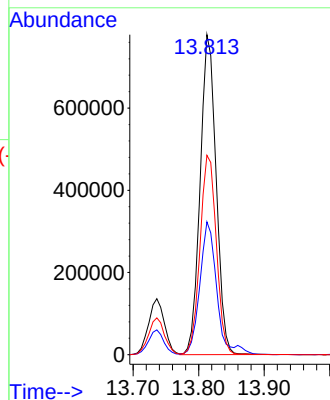
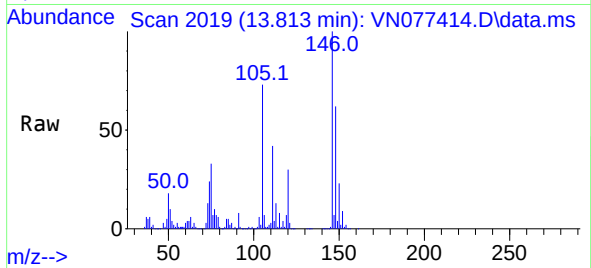




#88
1,4-Dichlorobenzene
Concen: 78.814 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

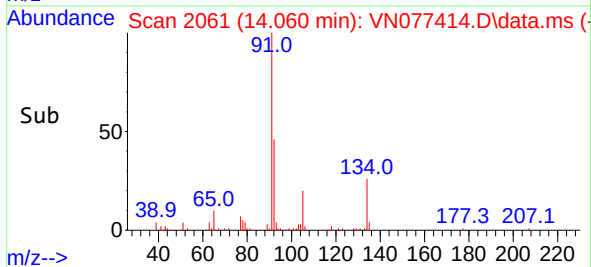
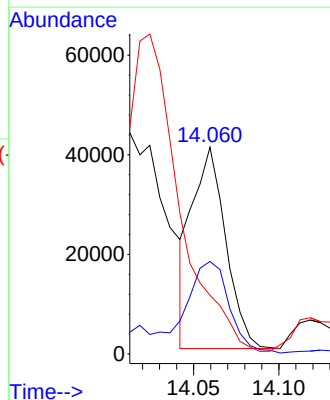
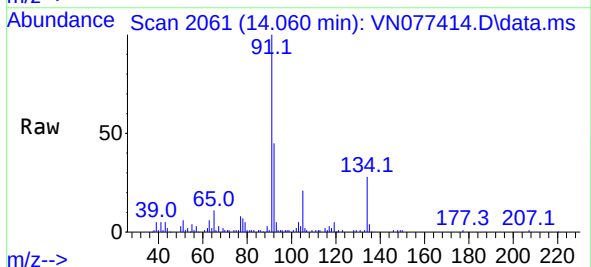
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

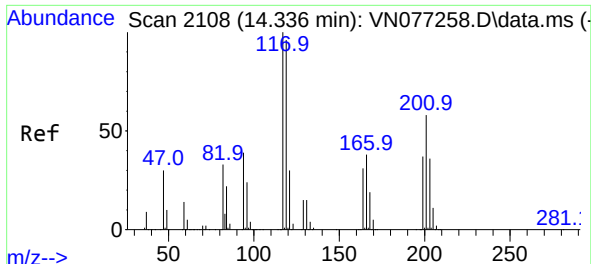
Tgt Ion:146 Resp: 1322425
Ion Ratio Lower Upper
146 100
111 44.0 20.4 61.2
148 63.9 31.6 95.0



#89
n-Butylbenzene
Concen: 1.900 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion: 91 Resp: 55547
Ion Ratio Lower Upper
91 100
92 54.3 26.7 80.0
134 0.0 12.8 38.3#

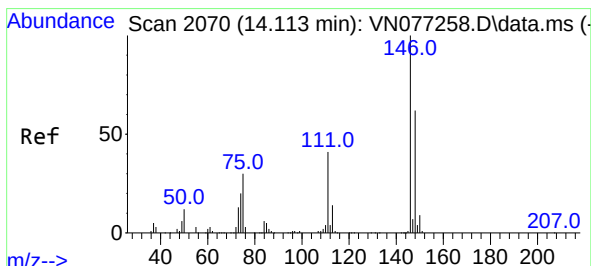
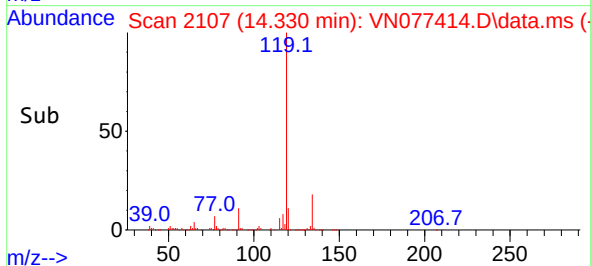
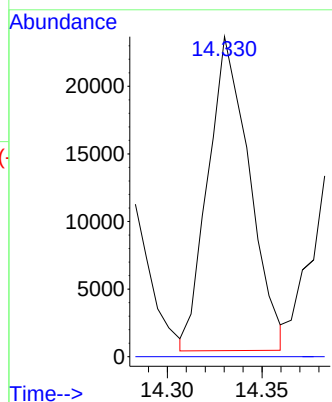
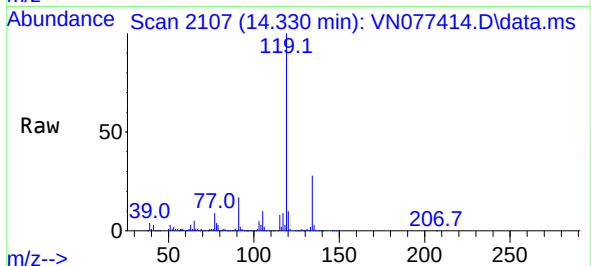




#90
Hexachloroethane
Concen: 4.582 ug/l
RT: 14.330 min Scan# 2108
Delta R.T. -0.006 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

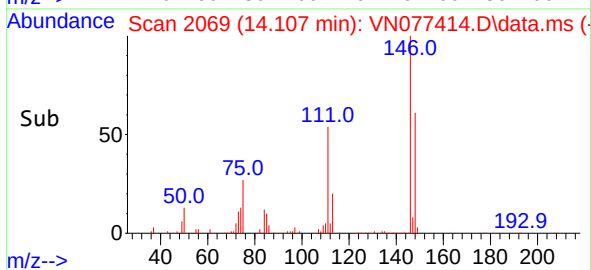
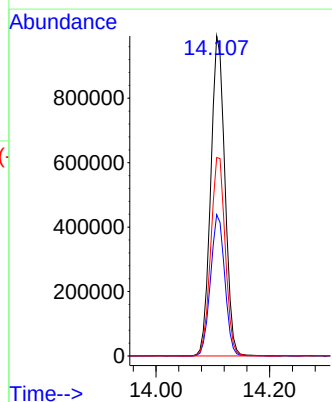
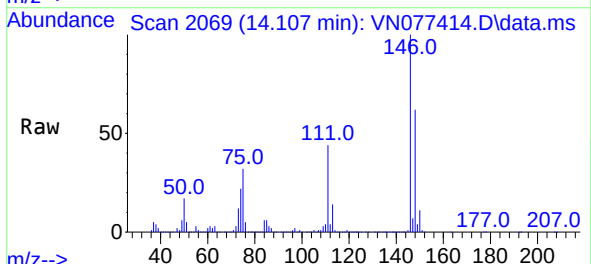
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

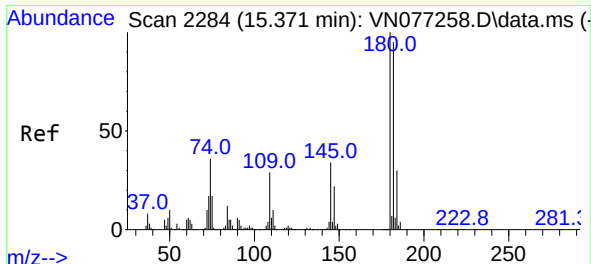
Tgt Ion:117 Resp: 35287
Ion Ratio Lower Upper
117 100
201 0.0 29.8 89.5#



#91
1,2-Dichlorobenzene
Concen: 100.548 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Tgt Ion:146 Resp: 1711470
Ion Ratio Lower Upper
146 100
111 44.4 21.9 65.5
148 63.6 31.9 95.5

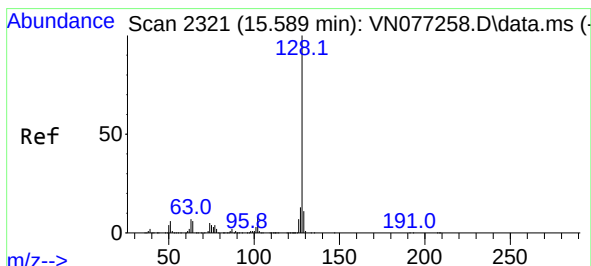
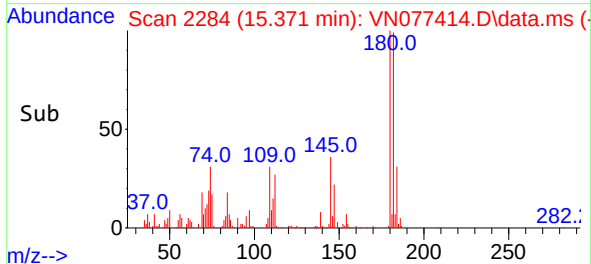
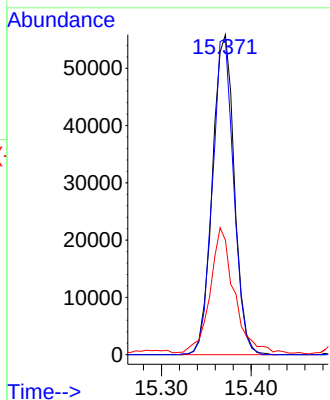
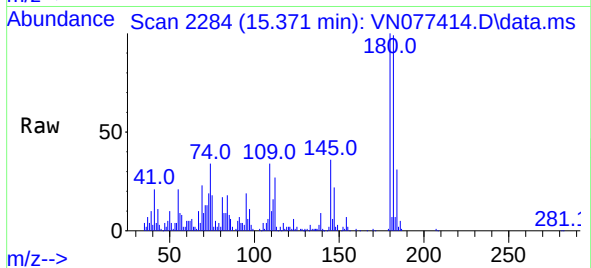




#93
1,2,4-Trichlorobenzene
Concen: 15.371 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

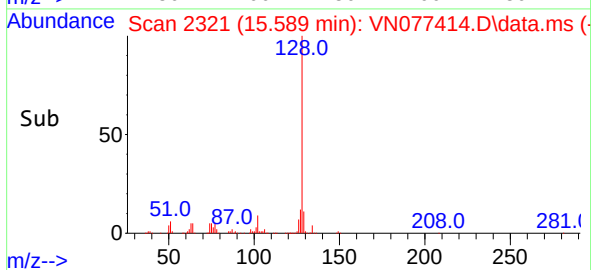
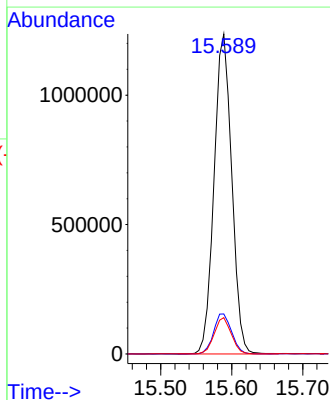
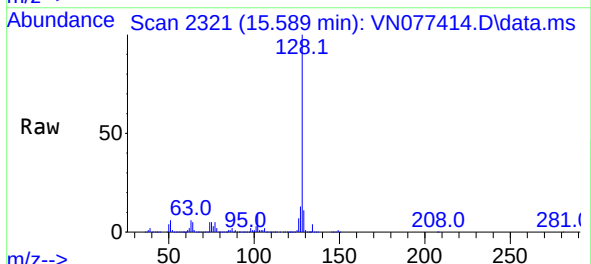
Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04

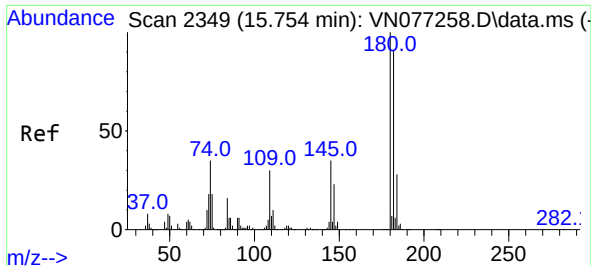
Tgt Ion:180 Resp: 94449
Ion Ratio Lower Upper
180 100
182 96.0 46.7 140.0
145 45.7 16.6 49.8



#95
Naphthalene
Concen: 92.369 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

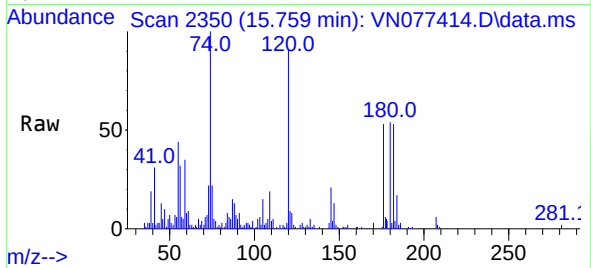
Tgt Ion:128 Resp: 2132081
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.9 13.3





#96
1,2,3-Trichlorobenzene
Concen: 4.971 ug/l
RT: 15.759 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN077414.D
Acq: 20 Apr 2023 20:48

Instrument :
MSVOA_N
ClientSampleId :
SPA-1WC-23-04



Tgt Ion:	180	Resp:	29215
Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.9	140.8
145	49.3	17.6	52.8

