

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040622\
 Data File : VN071876.D
 Acq On : 06 Apr 2022 13:54
 Operator : JC\MD
 Sample : N2247-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-4-GR-10

Quant Time: Apr 07 04:26:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	575554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	985241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1028700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	398591	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	313951	47.781	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.560%
35) Dibromofluoromethane	8.022	113	278529	48.042	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.080%
50) Toluene-d8	10.439	98	1263897	53.292	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.580%
62) 4-Bromofluorobenzene	12.727	95	433567	56.525	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.060%

Target Compounds				Qvalue		
3) Chloromethane	2.304	50	2654	0.458	ug/l	96
5) Bromomethane	2.881	94	1781	0.430	ug/l #	78
8) Diethyl Ether	3.834	74	1063	0.310	ug/l	83
10) Methyl Iodide	4.440	142	2808	0.402	ug/l #	63
11) Tert butyl alcohol	5.363	59	330	0.309	ug/l #	72
13) Acrolein	4.051	56	1003	0.771	ug/l #	83
14) Allyl chloride	5.081	41	18102	2.348	ug/l #	50
15) Acrylonitrile	5.557	53	1356	0.438	ug/l #	46
16) Acetone	4.287	43	102919	36.651	ug/l	100
17) Carbon Disulfide	4.534	76	2716	0.249	ug/l #	75
18) Methyl Acetate	4.863	43	7665	Below Cal		92
20) Methylene Chloride	5.098	84	157349	26.585	ug/l	94
25) 2-Butanone	7.333	43	39194	9.682	ug/l	98
29) Tetrahydrofuran	7.698	42	1687	0.644	ug/l #	72
31) Cyclohexane	8.086	56	20066	2.246	ug/l #	37
36) 1,1-Dichloropropene	8.081	75	38190	4.717	ug/l #	48
37) Ethyl Acetate	7.333	43	39194	4.423	ug/l #	67
38) Carbon Tetrachloride	8.081	117	50182	6.324	ug/l #	16
39) Methylcyclohexane	9.457	83	21851	2.267	ug/l	94
43) Isopropyl Acetate	8.557	43	65164	4.421	ug/l #	88
45) 1,2-Dichloropropane	9.622	63	4231	0.662	ug/l #	44
48) Methyl methacrylate	9.539	41	14822	2.424	ug/l #	10
49) 1,4-Dioxane	9.563	88	143	Below Cal		25
51) 4-Methyl-2-Pentanone	10.322	43	10029	1.183	ug/l #	67
52) Toluene	10.504	92	6531	0.404	ug/l	100
54) cis-1,3-Dichloropropene	10.239	75	90376	9.139	ug/l #	60
55) 1,1,2-Trichloroethane	10.874	97	12121	1.822	ug/l #	21
57) 1,3-Dichloropropane	11.086	76	52950	4.760	ug/l #	42
59) 2-Hexanone	11.086	43	646962	108.435	ug/l #	49
65) Chlorobenzene	11.769	112	492199	23.895	ug/l	99
68) m/p-Xylenes	11.951	106	3601	0.269	ug/l	89
69) o-Xylene	12.274	106	8719	0.656	ug/l	96
73) Isopropylbenzene	12.574	105	117608	3.501	ug/l	99
74) N-amyl acetate	12.380	43	7340	0.763	ug/l #	73
76) 1,2,3-Trichloropropane	12.727	75	209243	22.661	ug/l #	1
78) n-propylbenzene	12.915	91	66280	1.876	ug/l	100

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

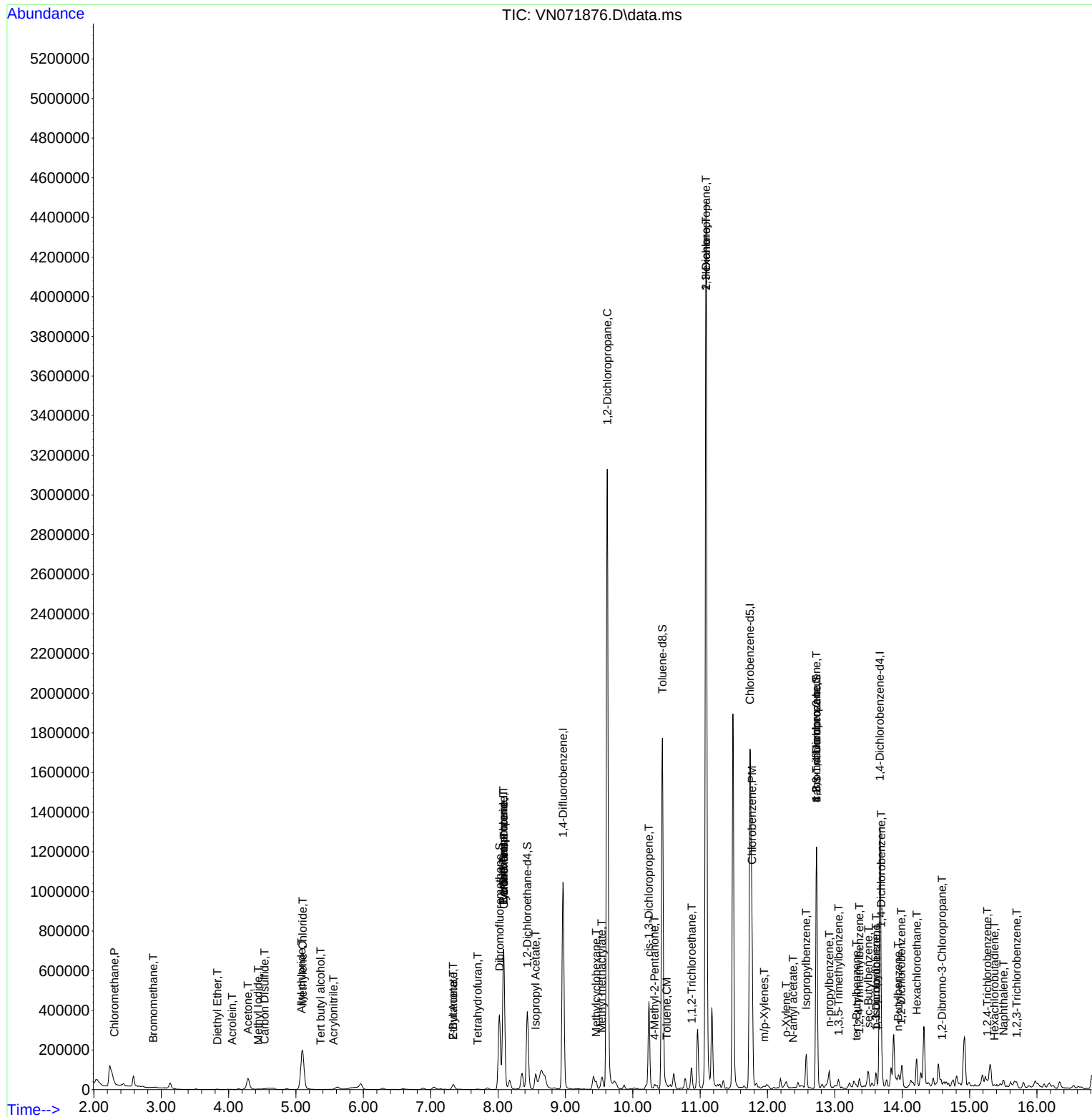
80) 1,3,5-Trimethylbenzene	13.057	105	16382	0.616	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.727	75	209243	70.225	ug/l #	11
83) tert-Butylbenzene	13.321	119	6283	0.258	ug/l	82
84) 1,2,4-Trimethylbenzene	13.363	105	24969	0.962	ug/l	96
85) sec-Butylbenzene	13.498	105	49026	1.555	ug/l	83
86) p-Isopropyltoluene	13.610	119	5424	0.216	ug/l	93
87) 1,3-Dichlorobenzene	13.615	146	21366	1.593	ug/l	95
88) 1,4-Dichlorobenzene	13.686	146	33890	2.590	ug/l	87
89) n-Butylbenzene	13.939	91	20316	1.089	ug/l #	82
90) Hexachloroethane	14.215	117	7463	1.621	ug/l #	9
91) 1,2-Dichlorobenzene	13.986	146	17151	1.302	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.592	75	1172	0.674	ug/l #	45
93) 1,2,4-Trichlorobenzene	15.262	180	7073	3.154	ug/l #	39
94) Hexachlorobutadiene	15.368	225	987	0.254	ug/l	87
95) Naphthalene	15.504	128	37767	5.725	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.698	180	7881	3.635	ug/l #	37

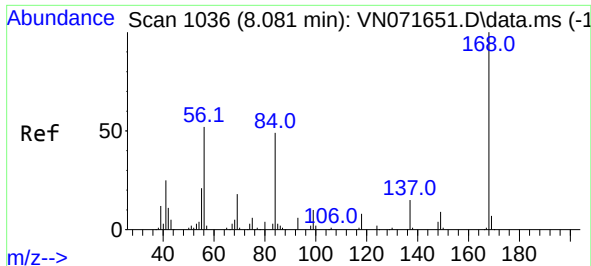
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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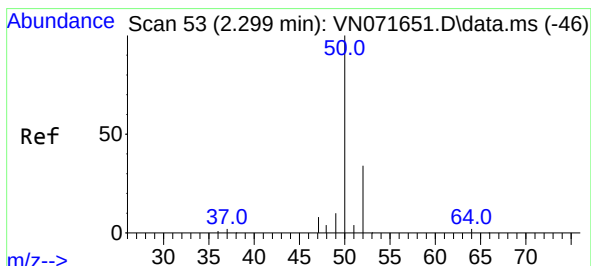
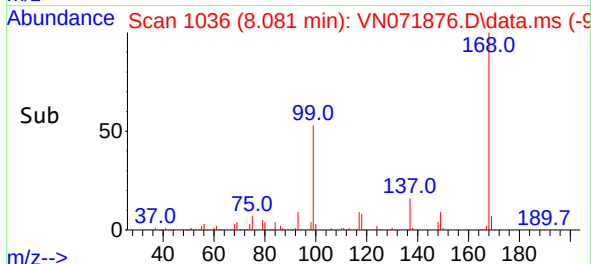
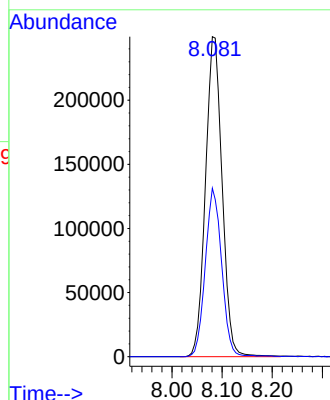
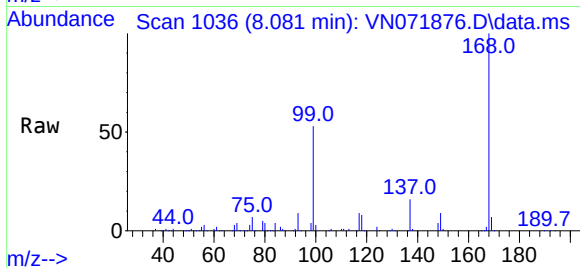




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

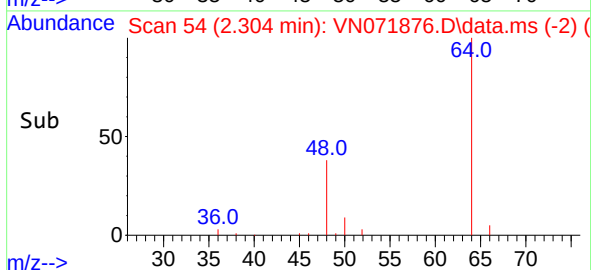
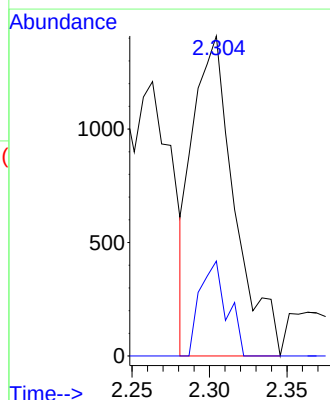
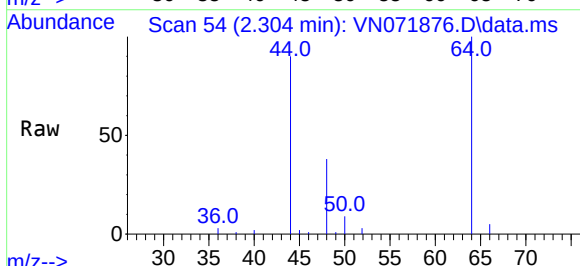
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

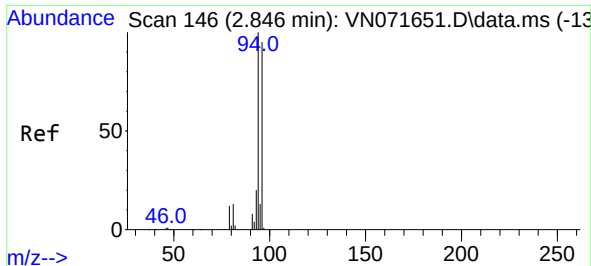
Tgt Ion:168 Resp: 575554
Ion Ratio Lower Upper
168 100
99 52.6 42.3 63.5



#3
Chloromethane
Concen: 0.458 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 50 Resp: 2654
Ion Ratio Lower Upper
50 100
52 29.6 25.7 38.5

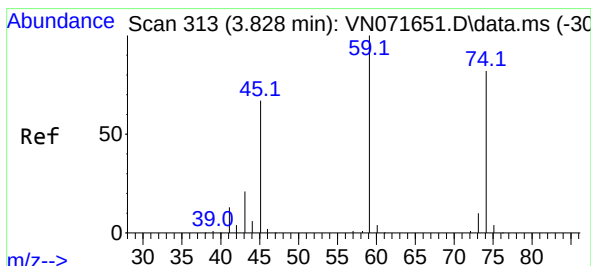
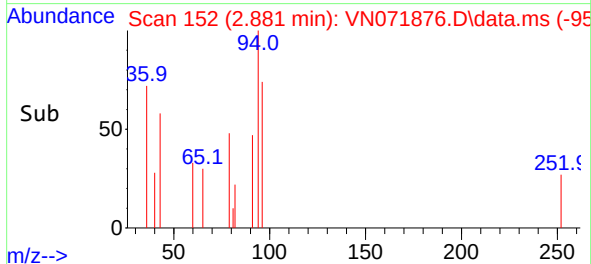
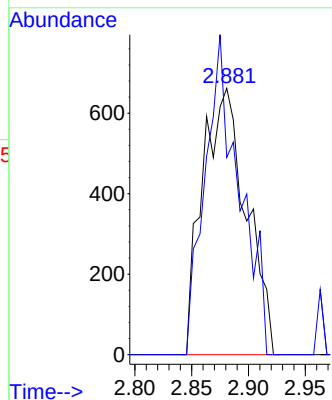
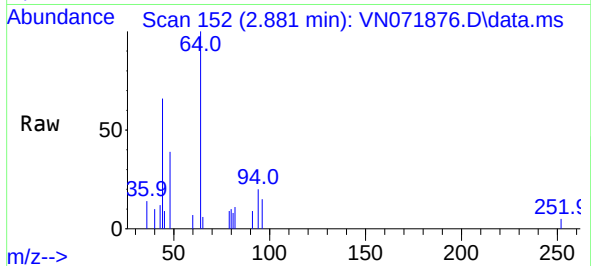




#5
Bromomethane
Concen: 0.430 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

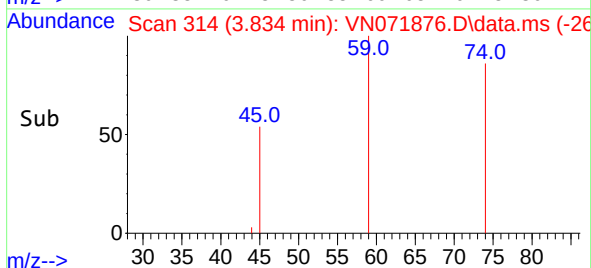
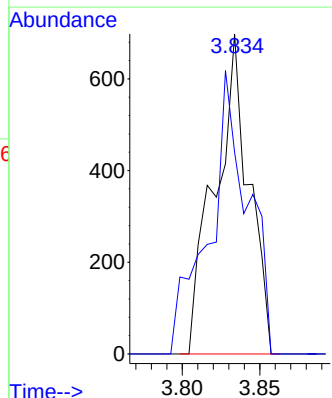
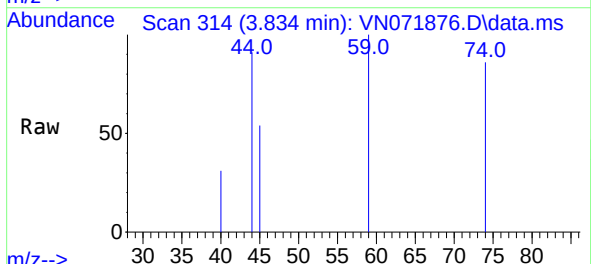
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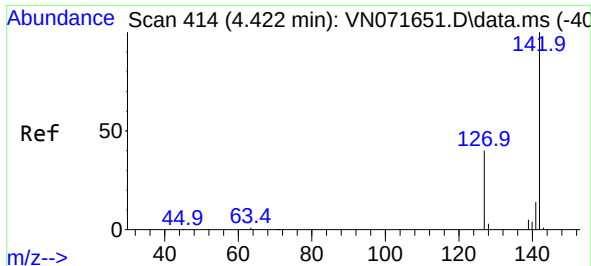
Tgt Ion: 94 Resp: 1781
Ion Ratio Lower Upper
94 100
96 74.0 76.0 114.0#



#8
Diethyl Ether
Concen: 0.310 ug/l
RT: 3.834 min Scan# 314
Delta R.T. 0.006 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 74 Resp: 1063
Ion Ratio Lower Upper
74 100
45 101.0 42.9 128.5

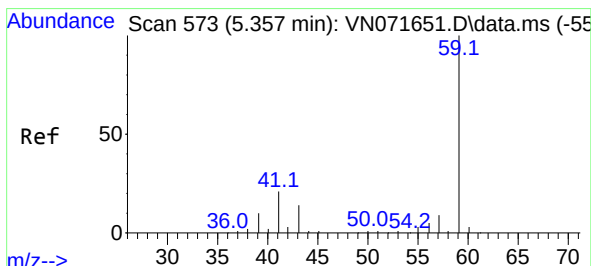
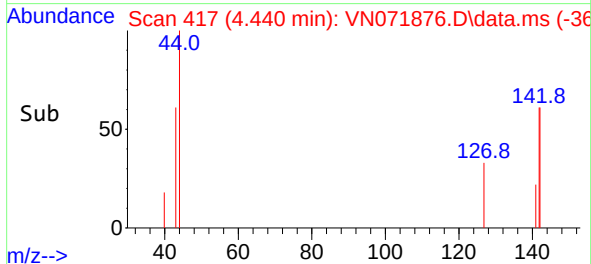
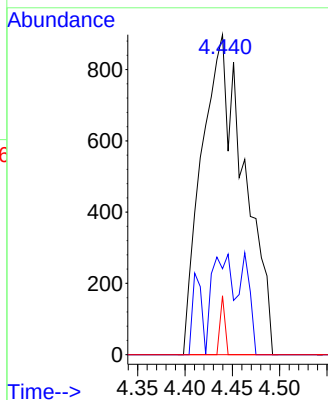
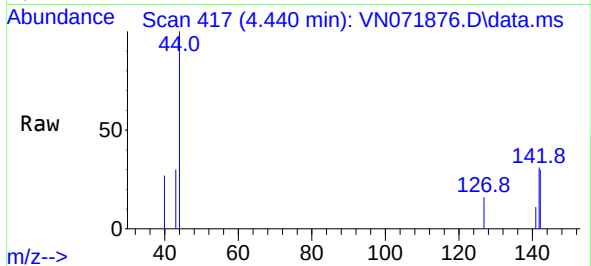




#10
Methyl Iodide
Concen: 0.402 ug/l
RT: 4.440 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

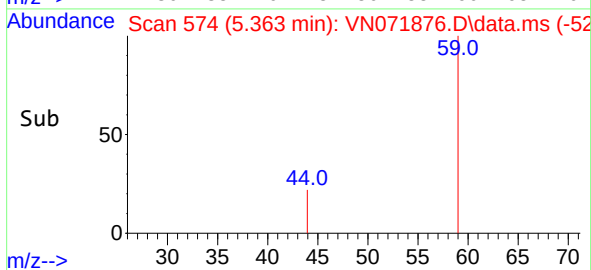
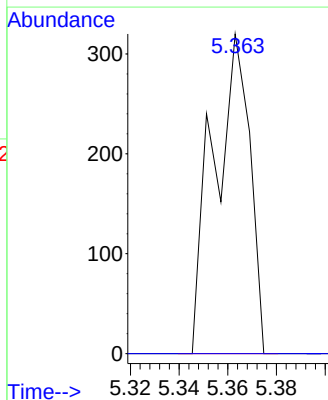
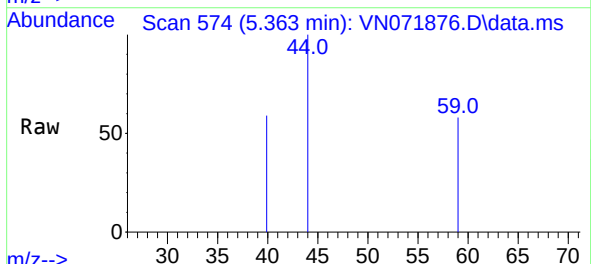
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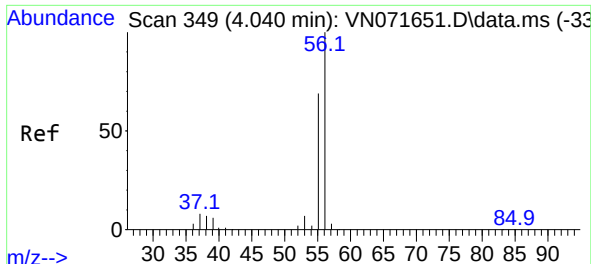
Tgt Ion:142 Resp: 2808
Ion Ratio Lower Upper
142 100
127 14.8 31.3 46.9#
141 2.1 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.309 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.006 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 59 Resp: 330
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

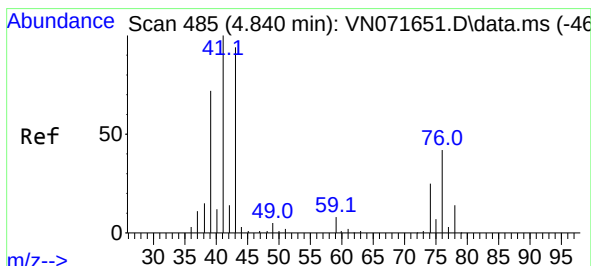
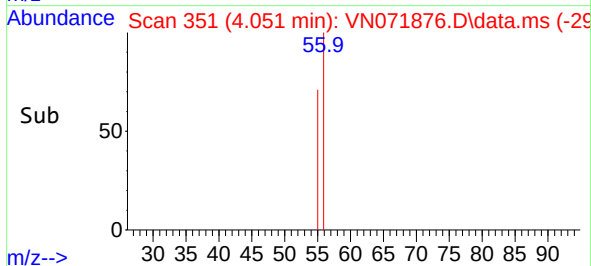
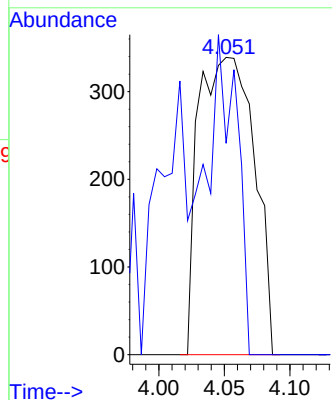
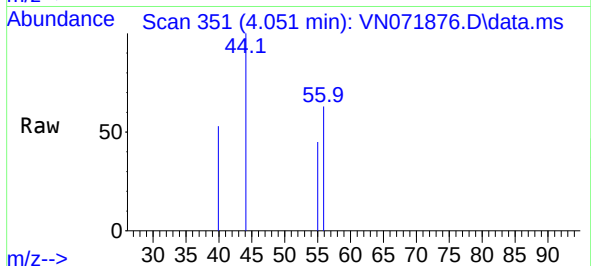




#13
Acrolein
Concen: 0.771 ug/l
RT: 4.051 min Scan# 311
Delta R.T. 0.011 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

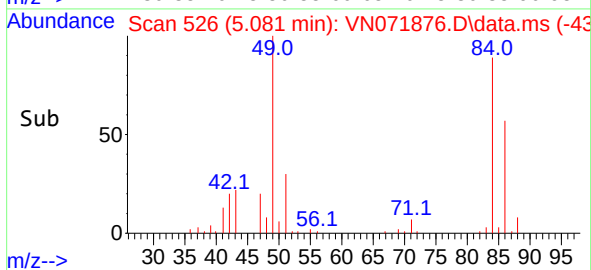
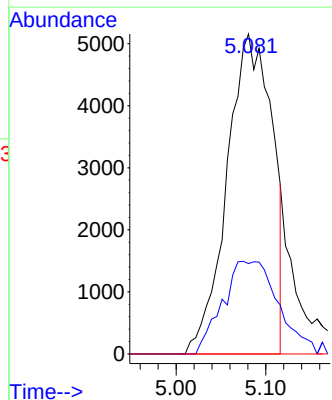
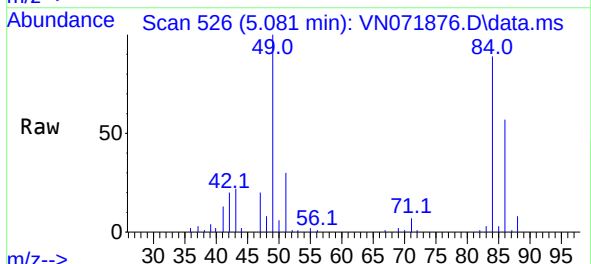
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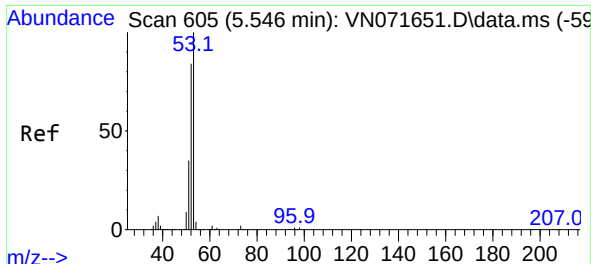
Tgt Ion: 56 Resp: 1003
Ion Ratio Lower Upper
56 100
55 54.4 54.8 82.2#



#14
Allyl chloride
Concen: 2.348 ug/l
RT: 5.081 min Scan# 526
Delta R.T. 0.241 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 41 Resp: 18102
Ion Ratio Lower Upper
41 100
39 31.6 53.2 79.8#
76 0.0 29.9 44.9#

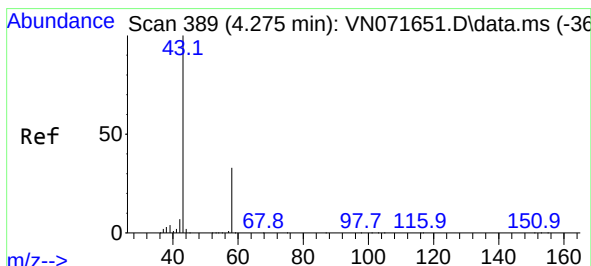
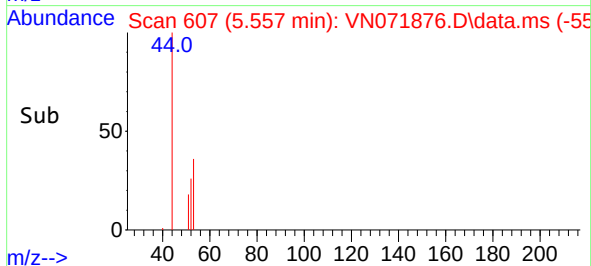
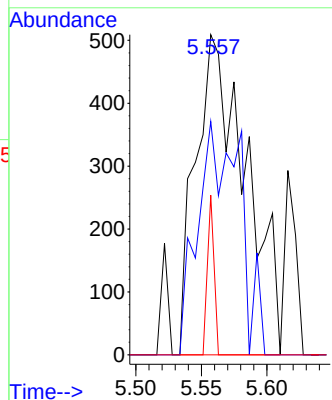
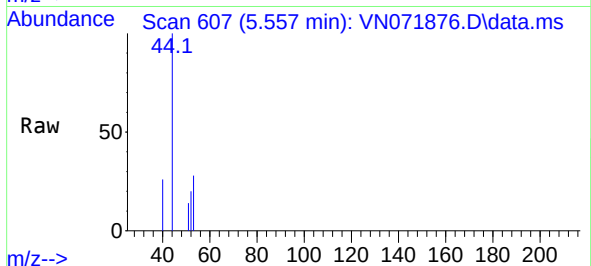




#15
Acrylonitrile
Concen: 0.438 ug/l
RT: 5.557 min Scan# 605
Delta R.T. 0.011 min
Lab File: VN071876.D
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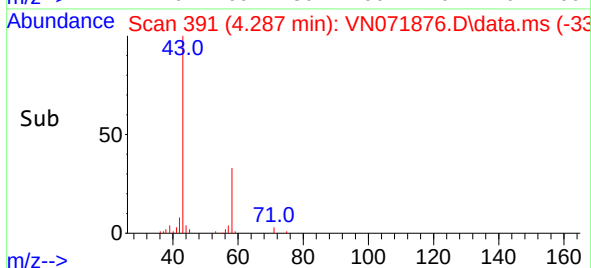
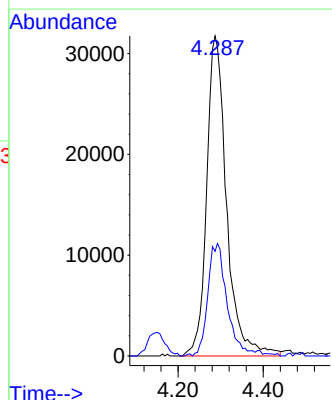
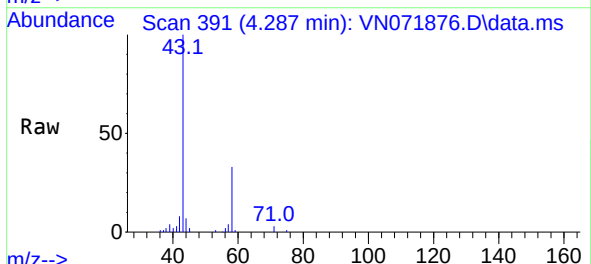
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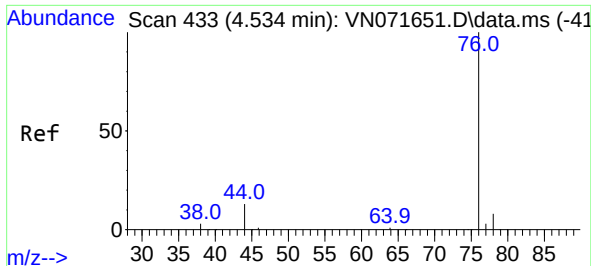
Tgt Ion: 53 Resp: 1356
Ion Ratio Lower Upper
53 100
52 32.0 66.4 99.6#
51 6.6 28.5 42.7#



#16
Acetone
Concen: 36.651 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 43 Resp: 102919
Ion Ratio Lower Upper
43 100
58 32.7 26.0 39.0

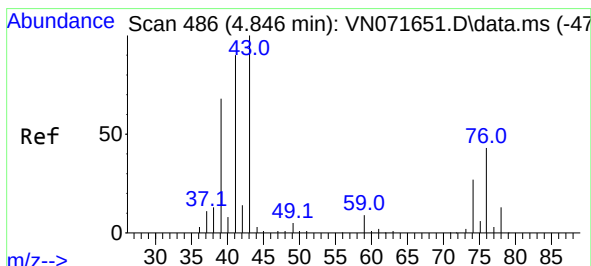
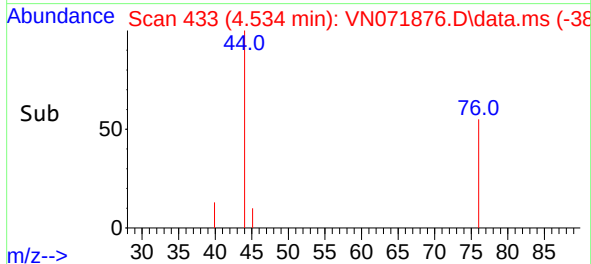
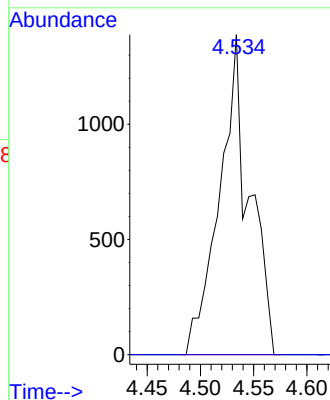
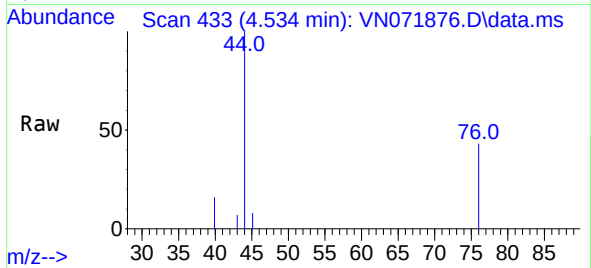




#17
Carbon Disulfide
Concen: 0.249 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071876.D
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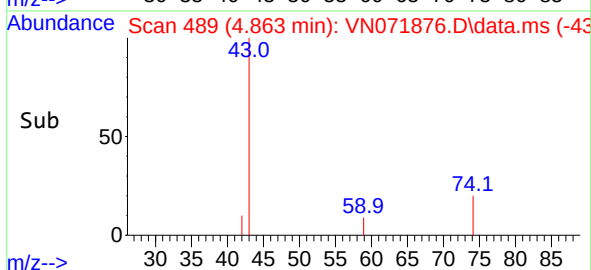
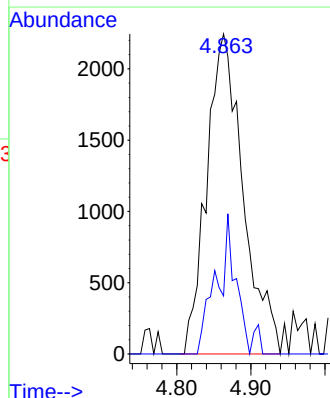
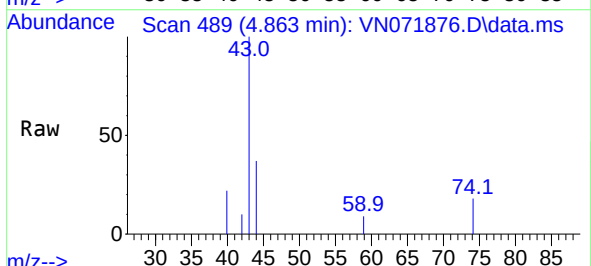
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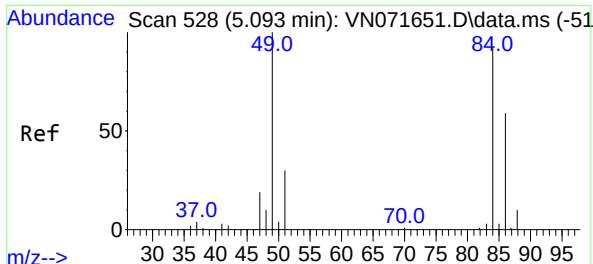
Tgt Ion: 76 Resp: 2716
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 43 Resp: 7665
Ion Ratio Lower Upper
43 100
74 22.9 21.6 32.4

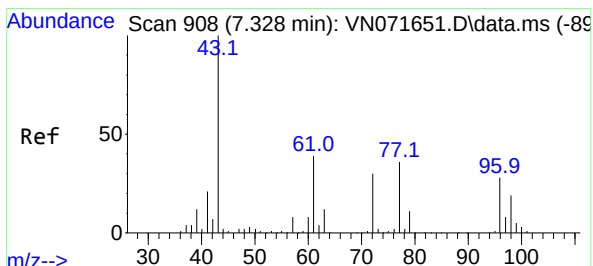
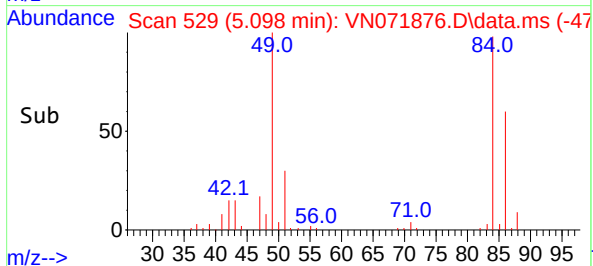
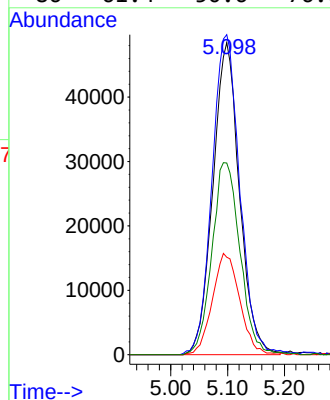
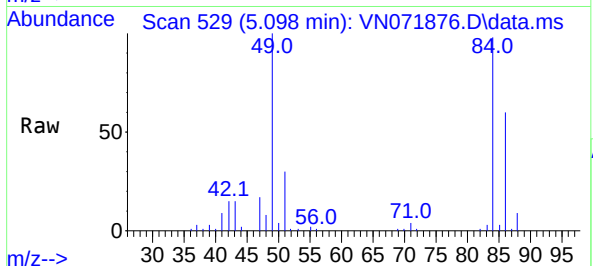




#20
Methylene Chloride
Concen: 26.585 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

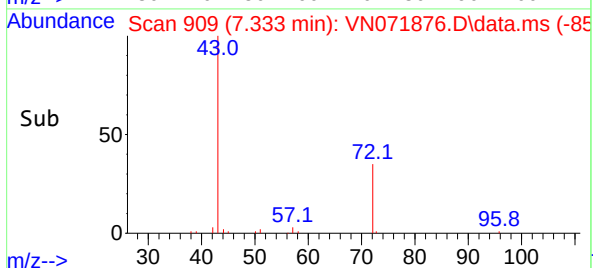
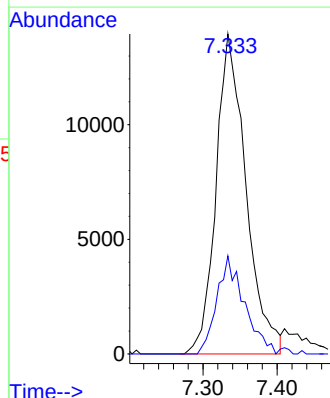
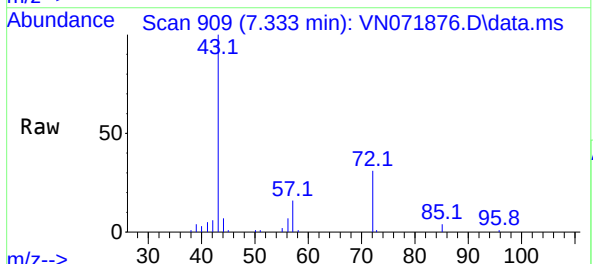
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

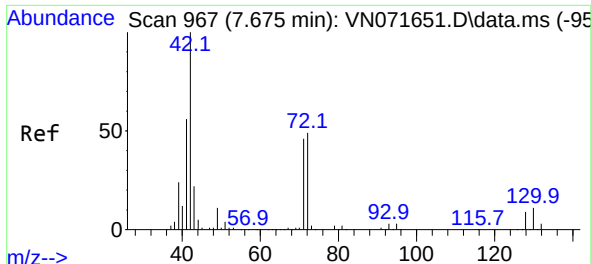
Tgt Ion: 84 Resp: 157349
Ion Ratio Lower Upper
84 100
49 102.5 88.3 132.5
51 31.2 28.2 42.2
86 61.4 50.6 76.0



#25
2-Butanone
Concen: 9.682 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 43 Resp: 39194
Ion Ratio Lower Upper
43 100
72 30.7 23.7 35.5

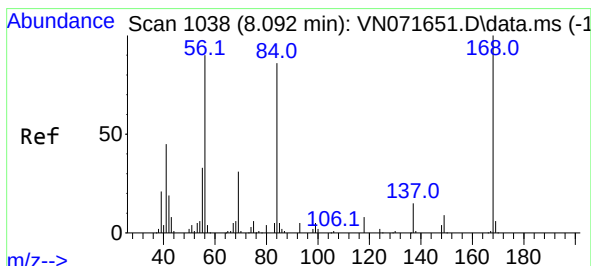
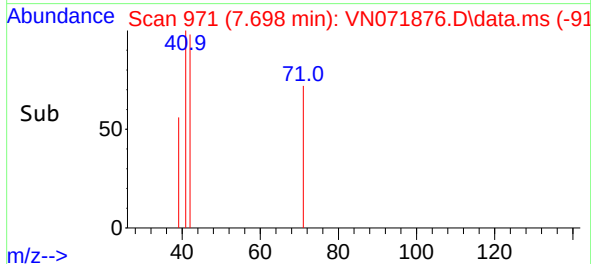
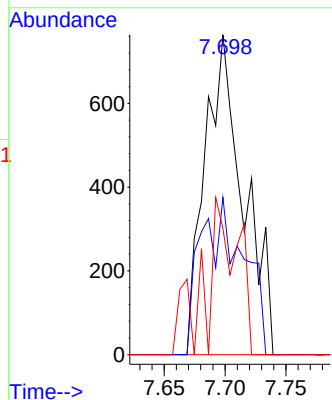
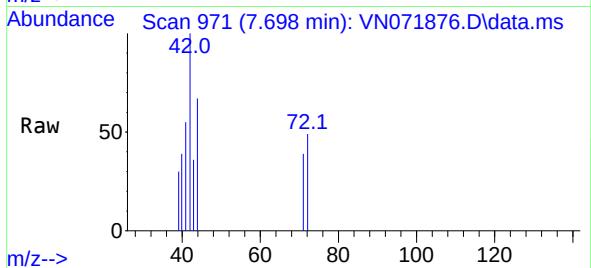




#29
Tetrahydrofuran
Concen: 0.644 ug/l
RT: 7.698 min Scan# 91
Delta R.T. 0.023 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

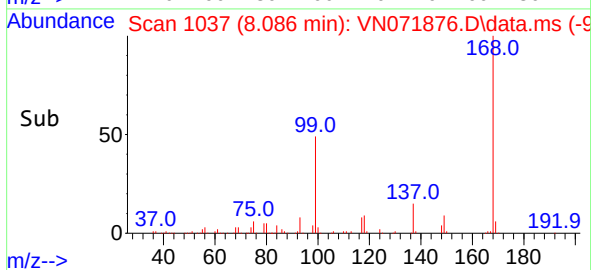
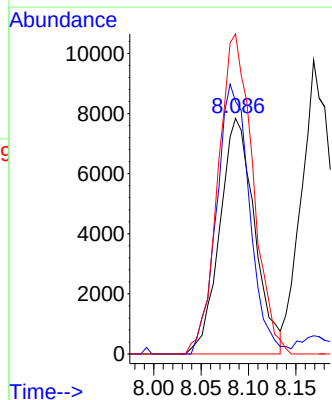
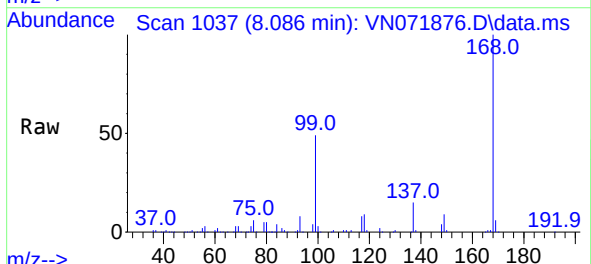
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

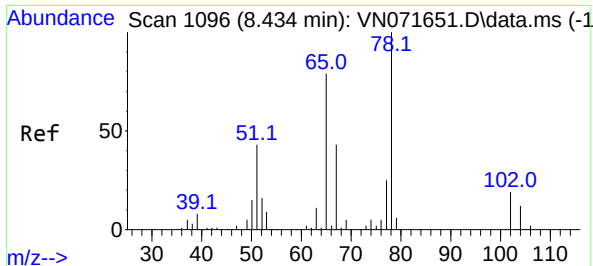
Tgt Ion: 42 Resp: 1687
Ion Ratio Lower Upper
42 100
72 22.4 39.7 59.5#
71 35.4 36.6 55.0#



#31
Cyclohexane
Concen: 2.246 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 56 Resp: 20066
Ion Ratio Lower Upper
56 100
69 107.1 27.8 41.8#
84 135.8 76.9 115.3#

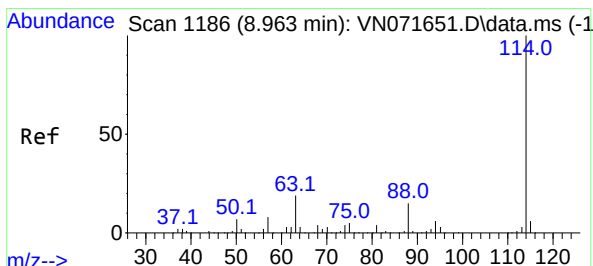
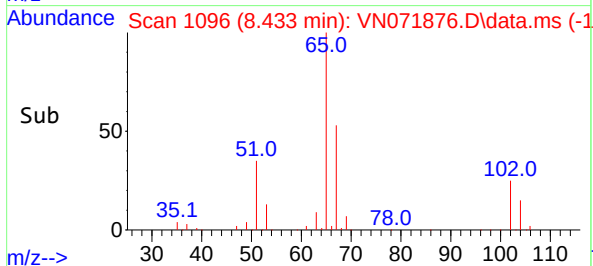
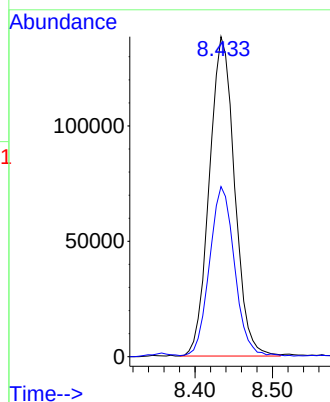
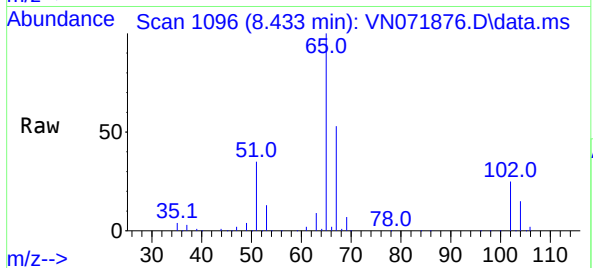




#33
1,2-Dichloroethane-d4
Concen: 47.781 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

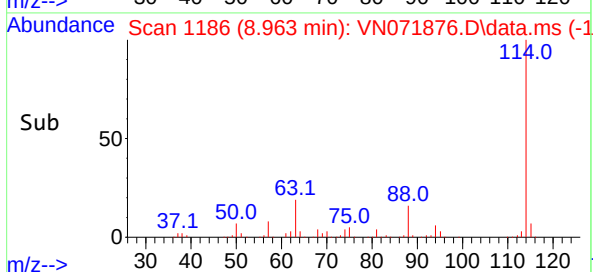
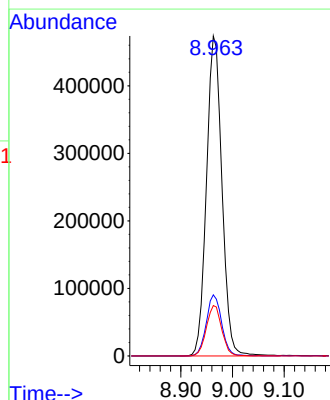
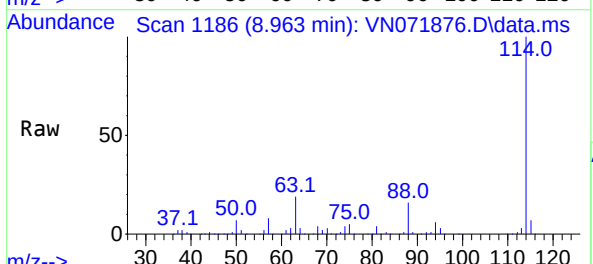
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

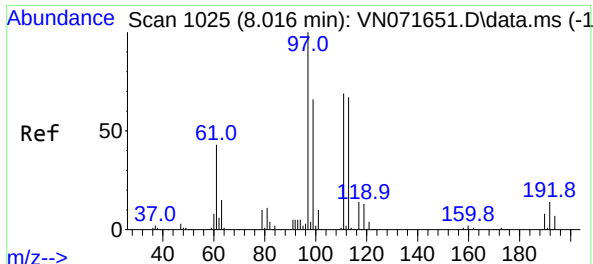
Tgt Ion: 65 Resp: 313951
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 114 Resp: 985241
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.8 0.0 32.6

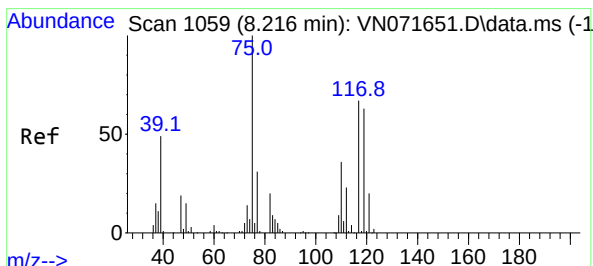
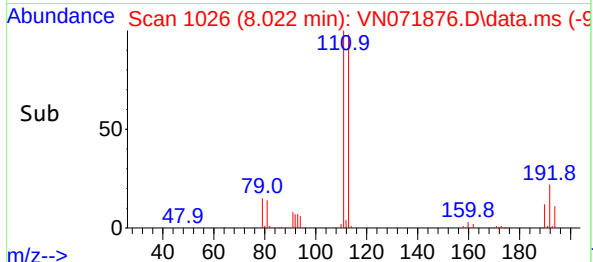
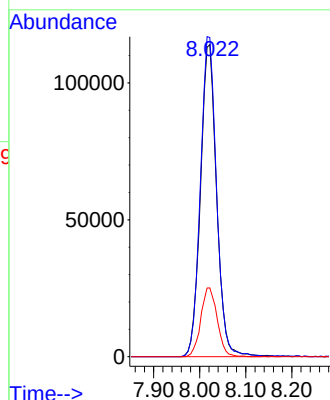
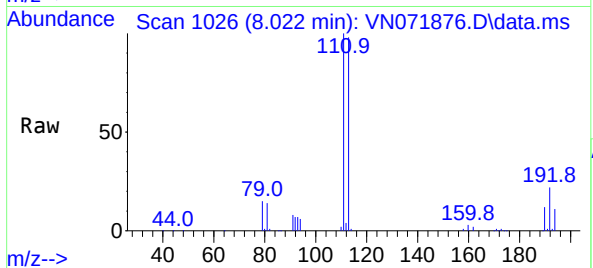




#35
Dibromofluoromethane
Concen: 48.042 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

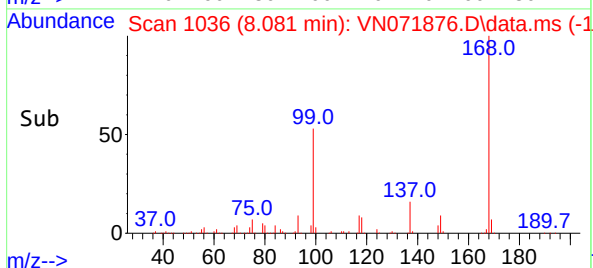
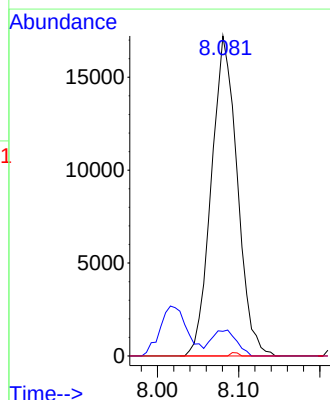
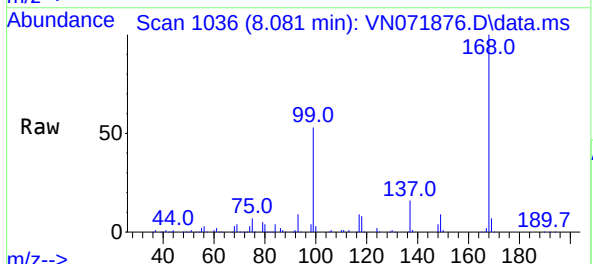
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

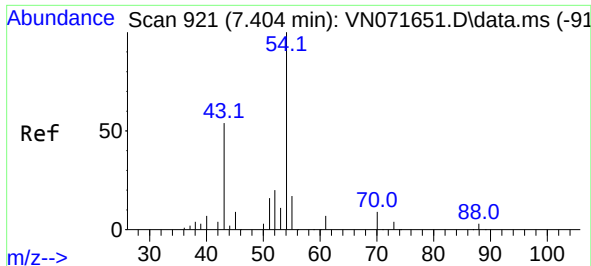
Tgt Ion: 113 Resp: 278529
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 22.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.717 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 75 Resp: 38190
Ion Ratio Lower Upper
75 100
110 7.8 18.3 54.8#
77 0.3 25.1 37.7#





#37

Ethyl Acetate

Concen: 4.423 ug/l

RT: 7.333 min Scan# 90

Delta R.T. -0.071 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

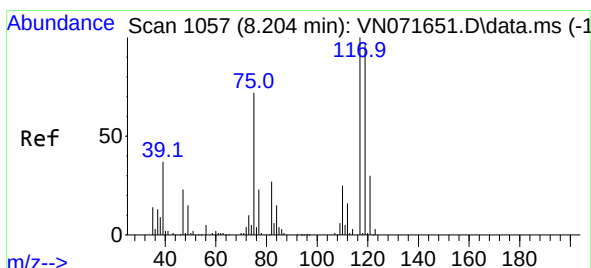
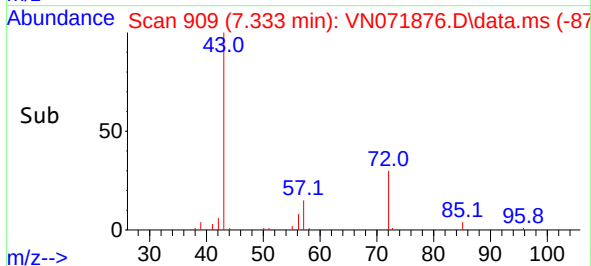
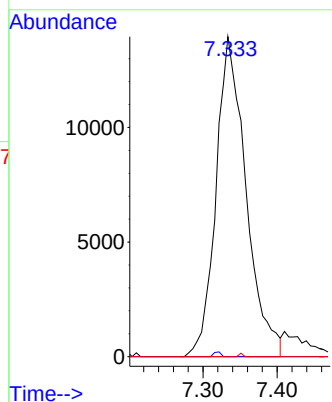
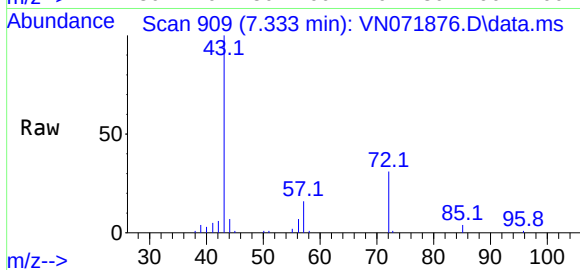
Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-4-GR-10

Tgt Ion: 43	Resp: 39194
Ion Ratio	Lower Upper
43 100	
61 0.4	11.8 17.6#
70 0.0	9.3 13.9#



#38

Carbon Tetrachloride

Concen: 6.324 ug/l

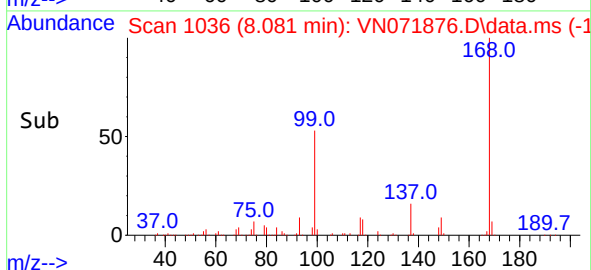
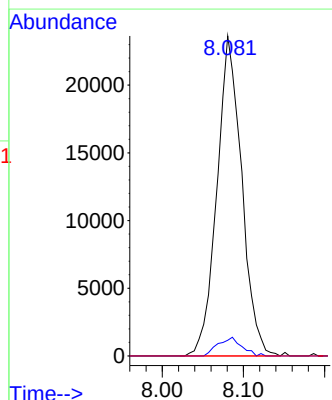
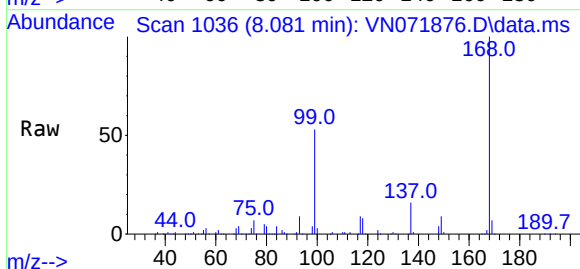
RT: 8.081 min Scan# 1036

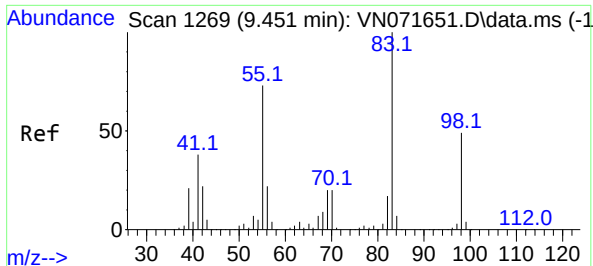
Delta R.T. -0.123 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

Tgt Ion: 117	Resp: 50182
Ion Ratio	Lower Upper
117 100	
119 4.9	75.8 113.8#
121 0.0	24.6 37.0#





#39

Methylcyclohexane

Concen: 2.267 ug/l

RT: 9.457 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-4-GR-10

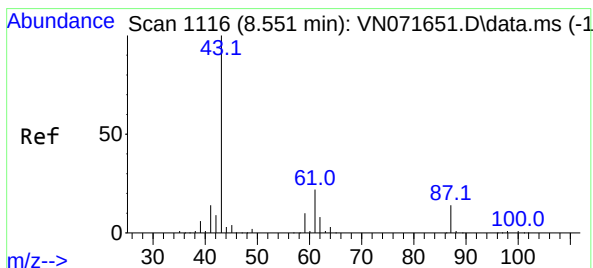
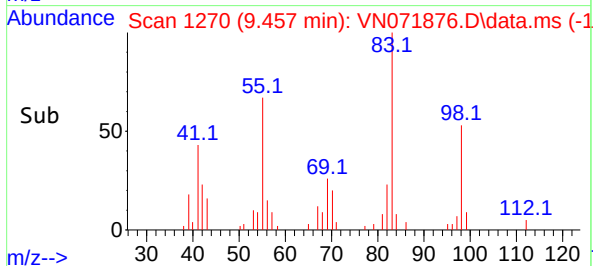
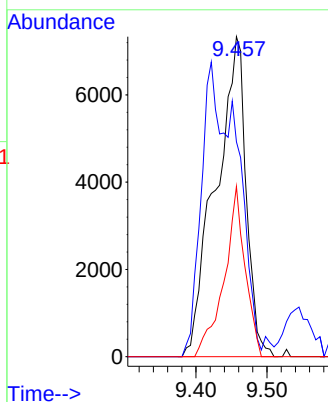
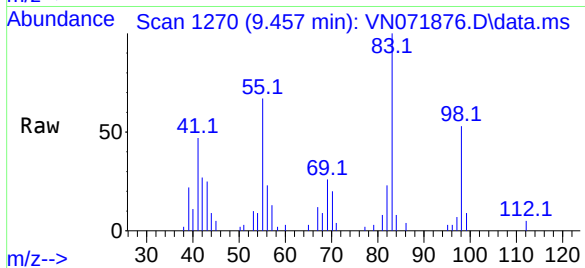
Tgt Ion: 83 Resp: 21851

Ion Ratio Lower Upper

83 100

55 67.2 57.8 86.8

98 53.2 39.4 59.2



#43

Isopropyl Acetate

Concen: 4.421 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

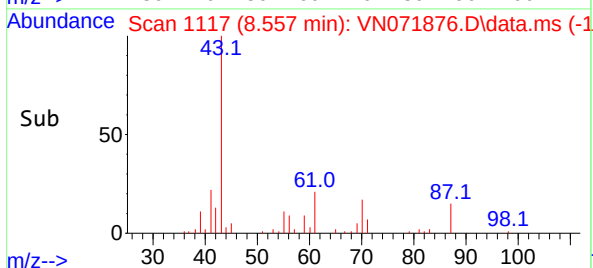
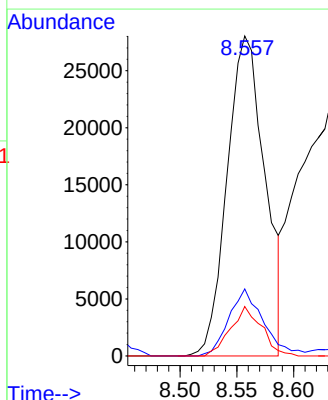
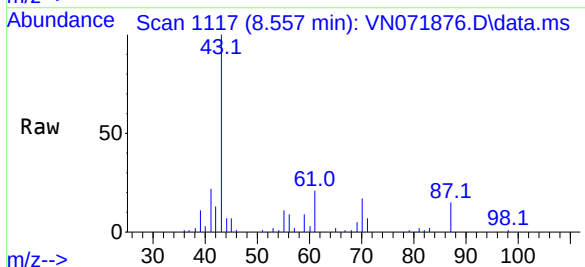
Tgt Ion: 43 Resp: 65164

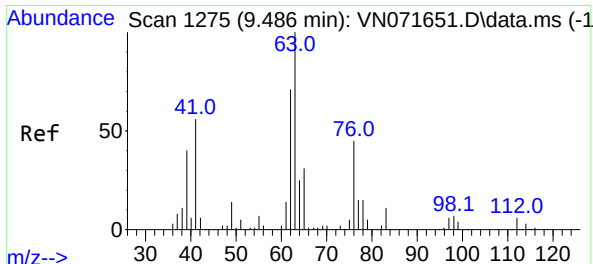
Ion Ratio Lower Upper

43 100

61 19.2 21.9 32.9#

87 12.7 12.0 18.0

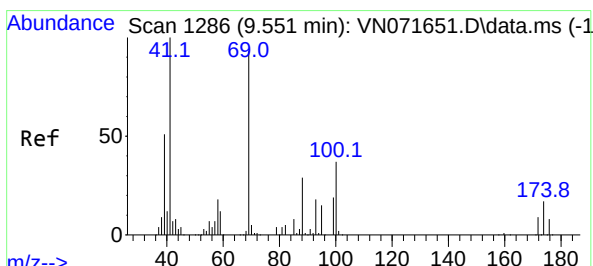
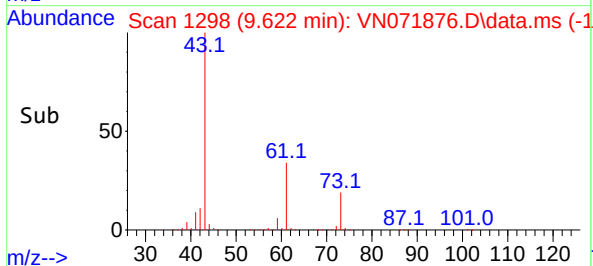
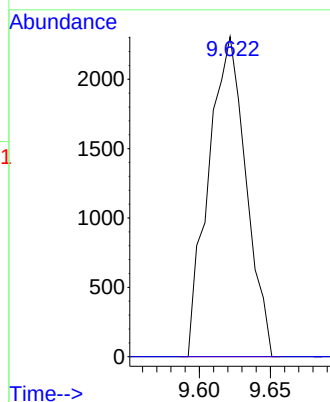
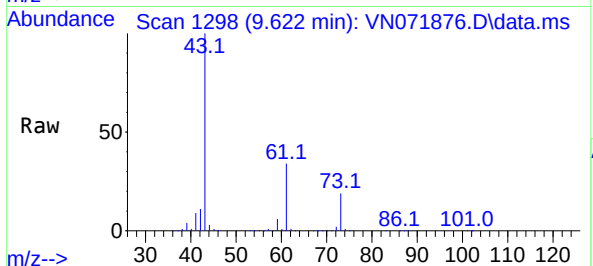




#45
1,2-Dichloropropane
Concen: 0.662 ug/l
RT: 9.622 min Scan# 11
Delta R.T. 0.136 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

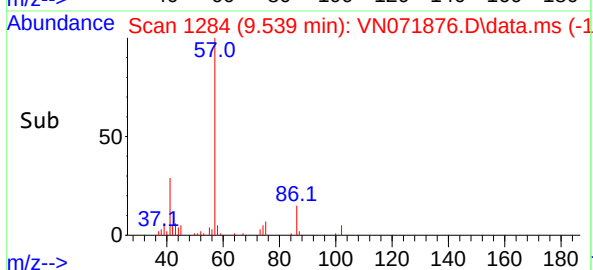
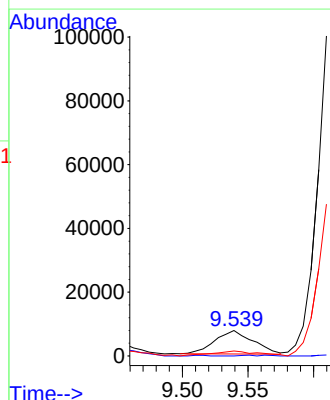
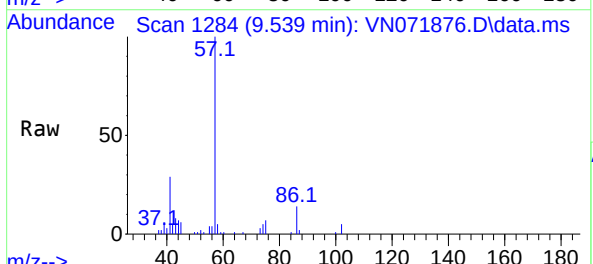
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

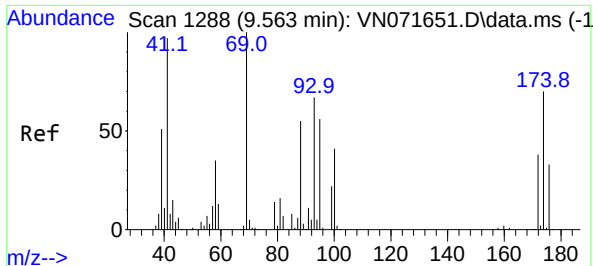
Tgt Ion: 63 Resp: 4231
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 2.424 ug/l
RT: 9.539 min Scan# 1284
Delta R.T. -0.012 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 41 Resp: 14822
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#

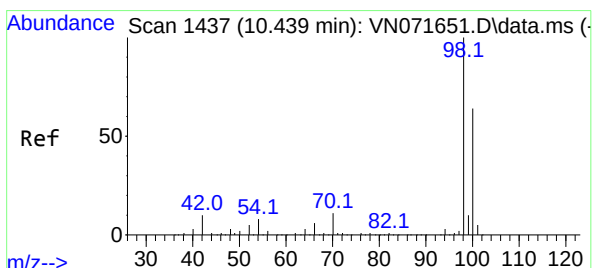
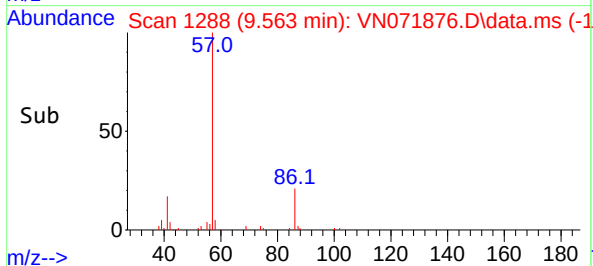
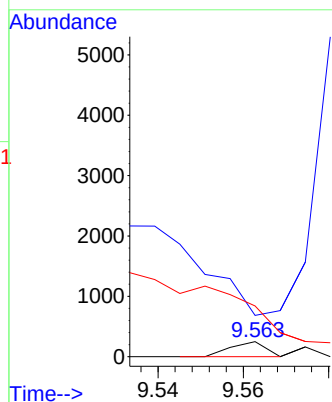
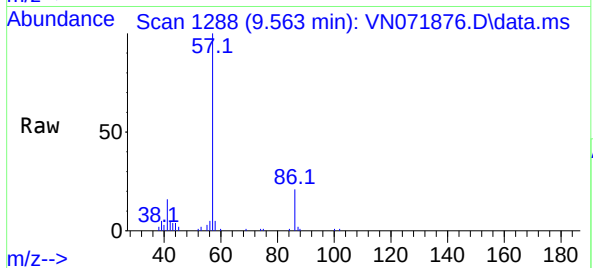




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

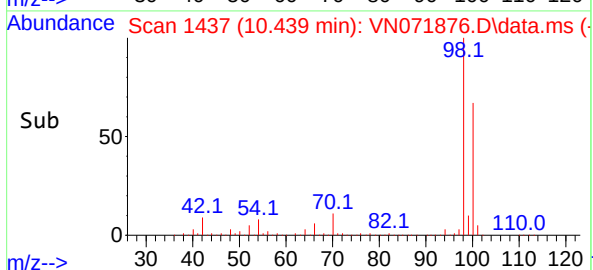
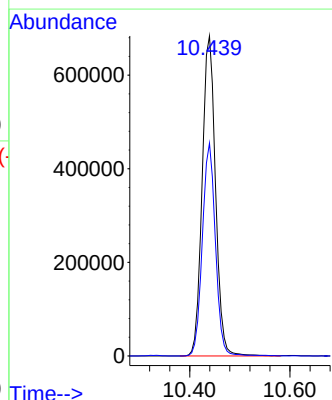
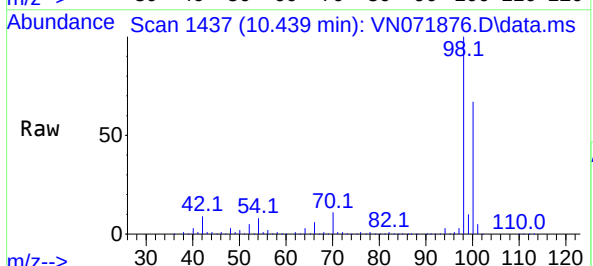
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

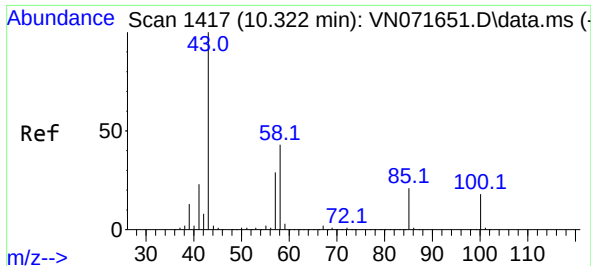
Tgt Ion: 88 Resp: 143
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 53.292 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 98 Resp: 1263897
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

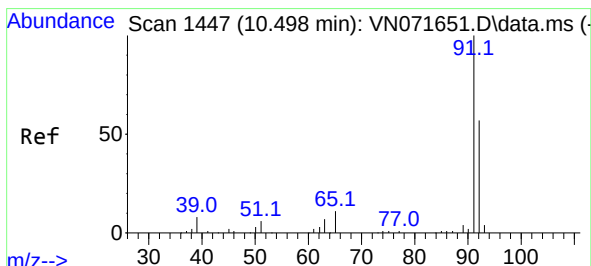
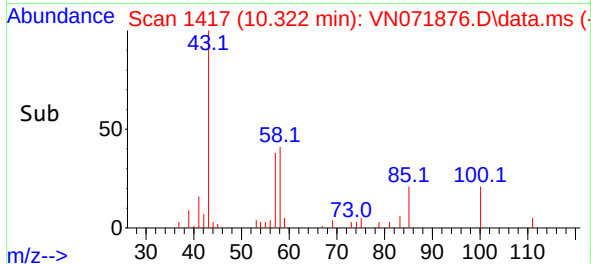
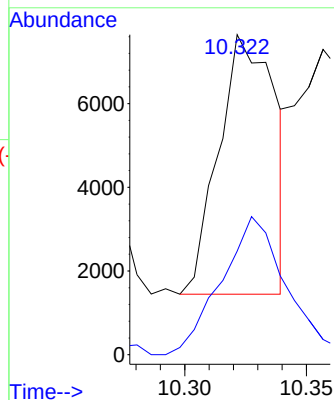
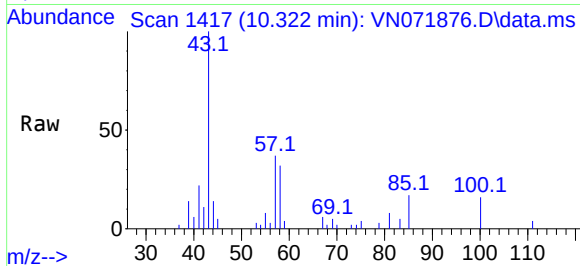




#51
4-Methyl-2-Pentanone
Concen: 1.183 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

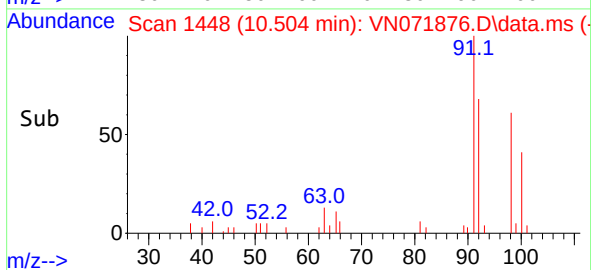
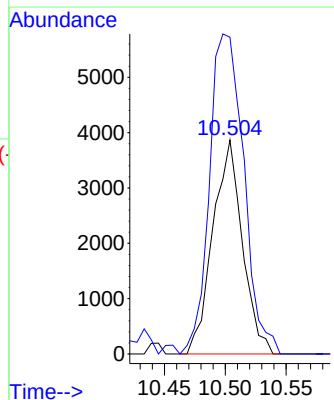
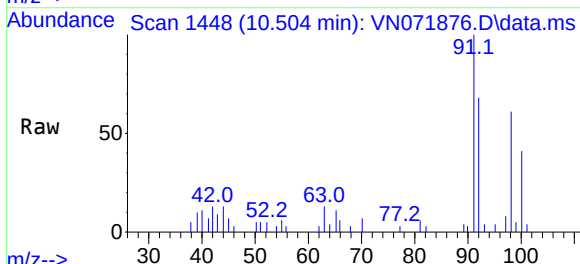
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

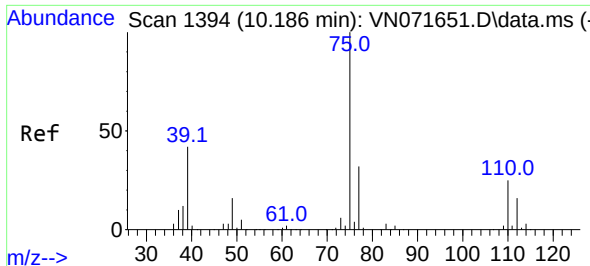
Tgt Ion: 43 Resp: 10029
Ion Ratio Lower Upper
43 100
58 63.3 34.1 51.1#



#52
Toluene
Concen: 0.404 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 92 Resp: 6531
Ion Ratio Lower Upper
92 100
91 173.8 138.6 207.8

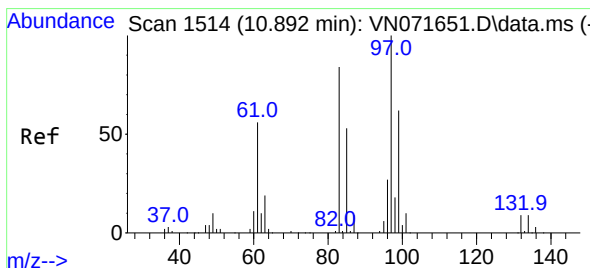
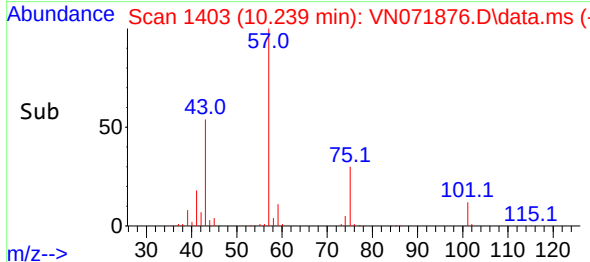
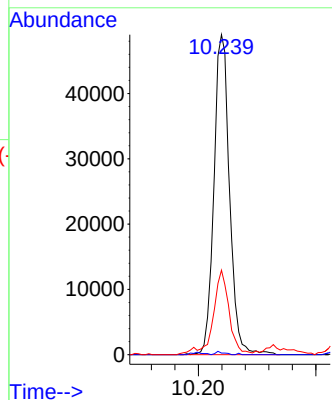
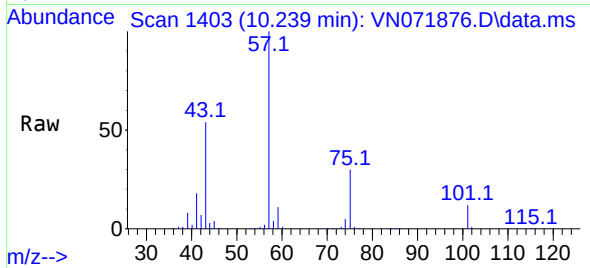




#54
 cis-1,3-Dichloropropene
 Concen: 9.139 ug/l
 RT: 10.239 min Scan# 1403
 Delta R.T. 0.053 min
 Lab File: VN071876.D
 Acq: 06 Apr 2022 13:54

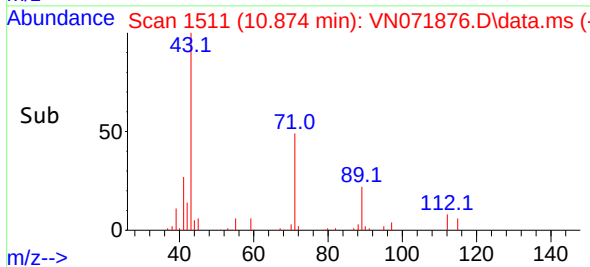
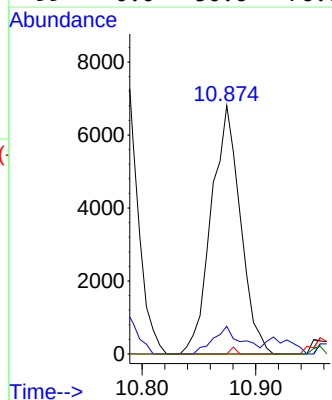
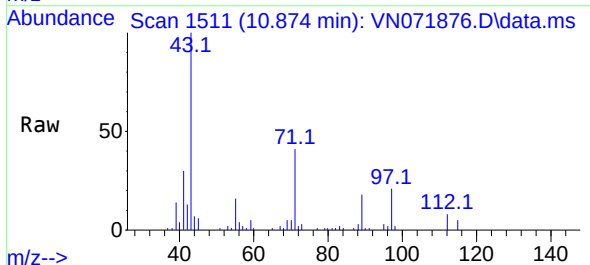
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-4-GR-10

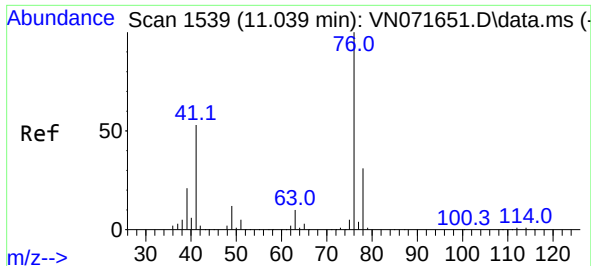
Tgt Ion: 75 Resp: 90376
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.2 37.8#
 39 26.0 35.7 53.5#



#55
 1,1,2-Trichloroethane
 Concen: 1.822 ug/l
 RT: 10.874 min Scan# 1511
 Delta R.T. -0.018 min
 Lab File: VN071876.D
 Acq: 06 Apr 2022 13:54

Tgt Ion: 97 Resp: 12121
 Ion Ratio Lower Upper
 97 100
 83 11.2 66.2 99.4#
 85 0.0 43.9 65.9#
 99 0.0 50.6 76.0#





#57

1,3-Dichloropropane

Concen: 4.760 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.047 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

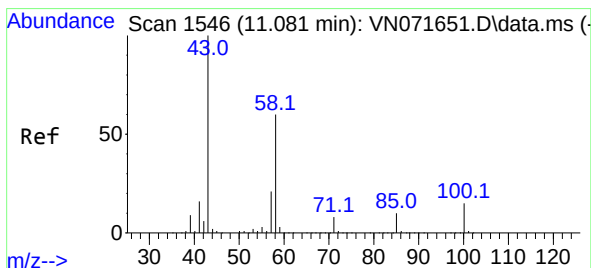
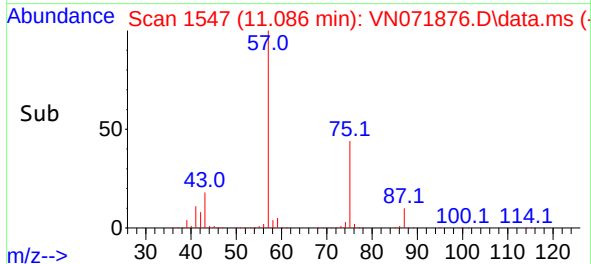
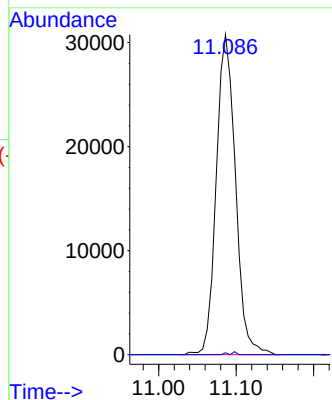
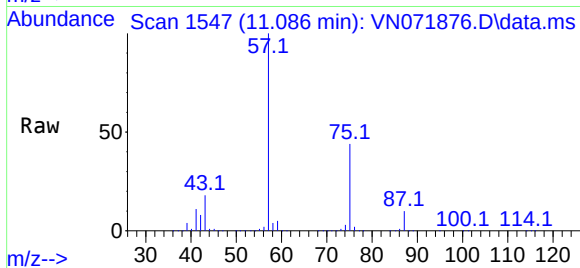
WC-14A-1A-4-GR-10

Tgt Ion: 76 Resp: 52950

Ion Ratio Lower Upper

76 100

78 0.3 26.2 39.2#



#59

2-Hexanone

Concen: 108.435 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.005 min

Lab File: VN071876.D

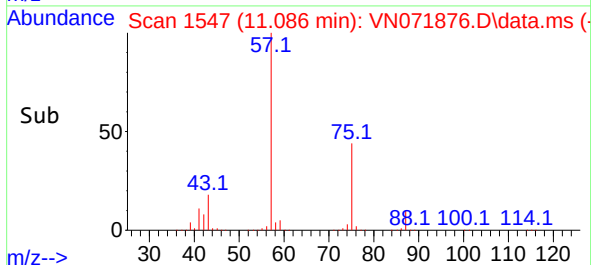
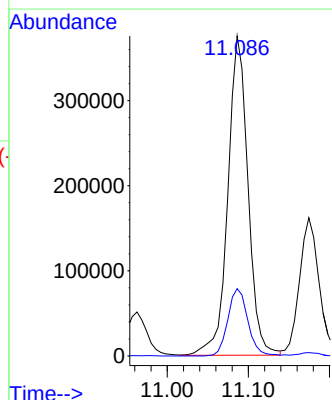
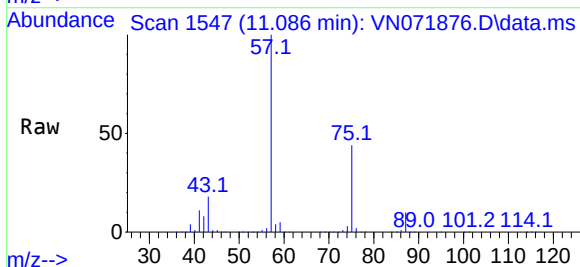
Acq: 06 Apr 2022 13:54

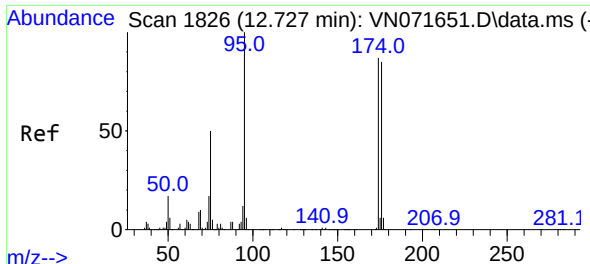
Tgt Ion: 43 Resp: 646962

Ion Ratio Lower Upper

43 100

58 21.0 29.7 89.1#

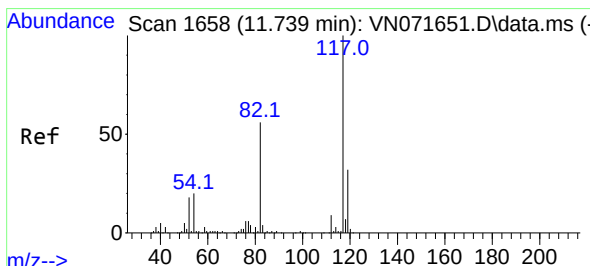
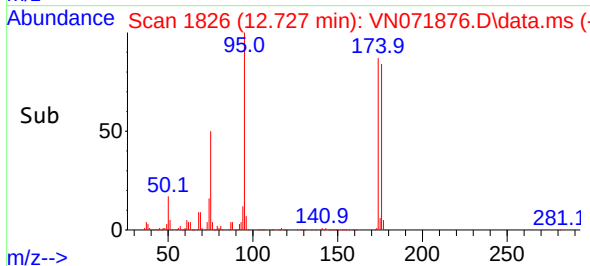
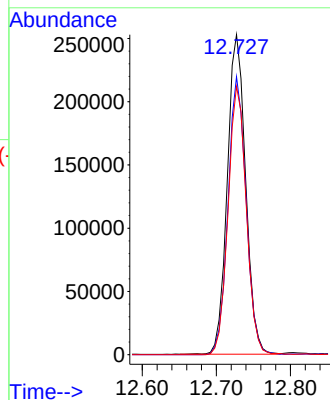
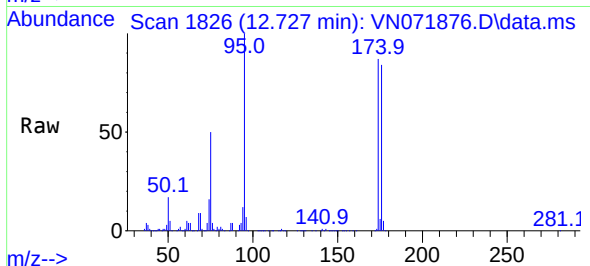




#62
4-Bromofluorobenzene
Concen: 56.525 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

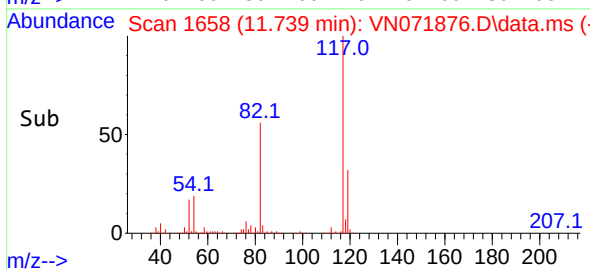
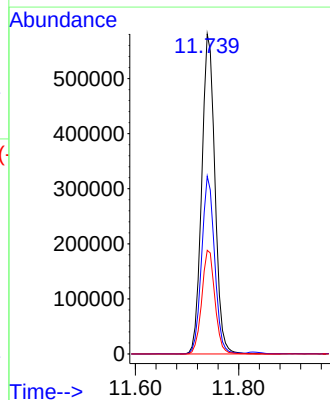
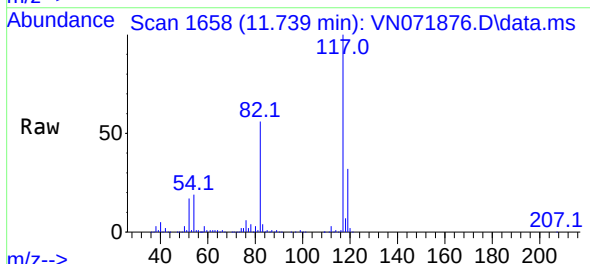
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

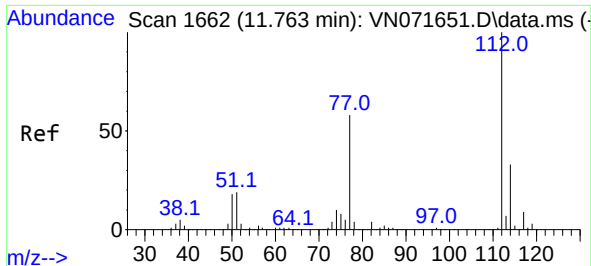
Tgt Ion: 95 Resp: 433567
Ion Ratio Lower Upper
95 100
174 85.8 0.0 167.6
176 83.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 117 Resp: 1028700
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.4 25.4 38.0

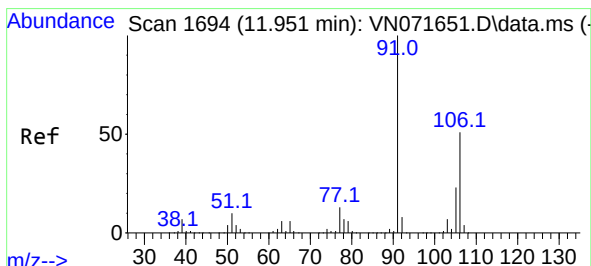
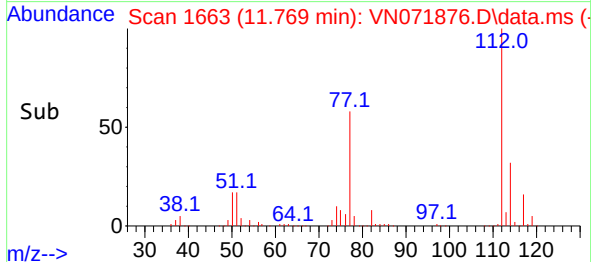
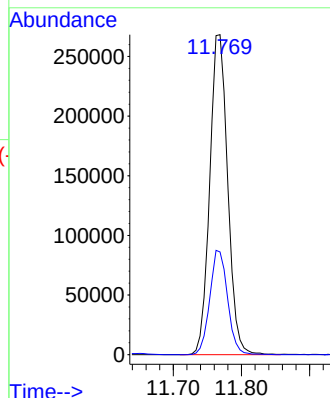
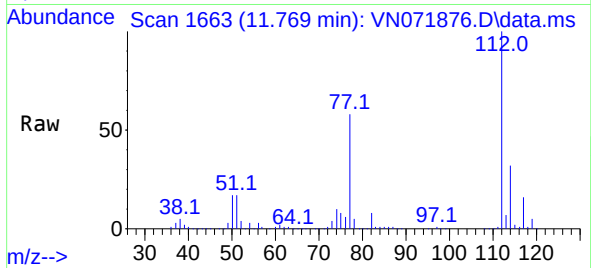




#65
Chlorobenzene
Concen: 23.895 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.005 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

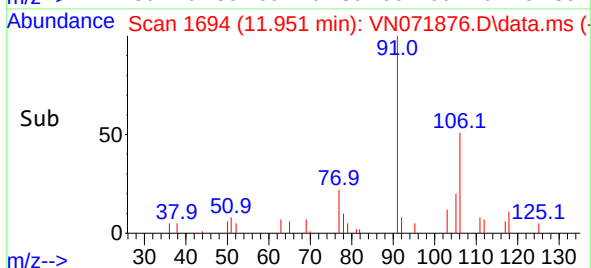
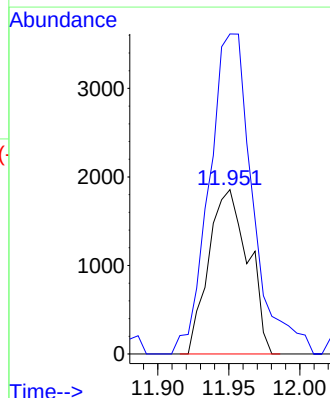
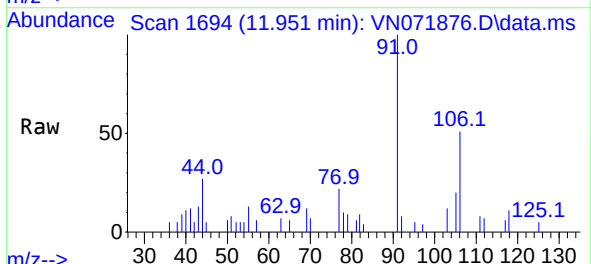
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

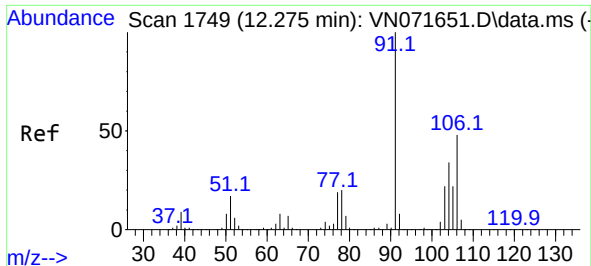
Tgt Ion:112 Resp: 492199
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#68
m/p-Xylenes
Concen: 0.269 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion:106 Resp: 3601
Ion Ratio Lower Upper
106 100
91 214.5 158.9 238.3





#69

o-Xylene

Concen: 0.656 ug/l

RT: 12.274 min Scan# 1749

Delta R.T. -0.001 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

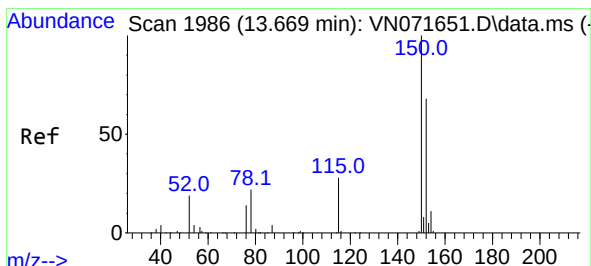
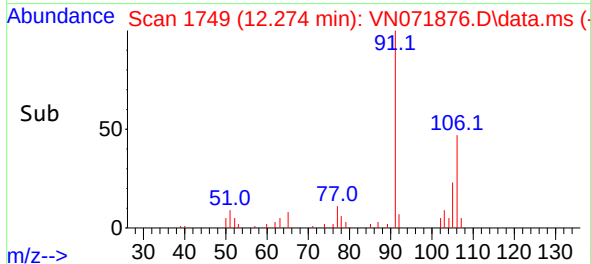
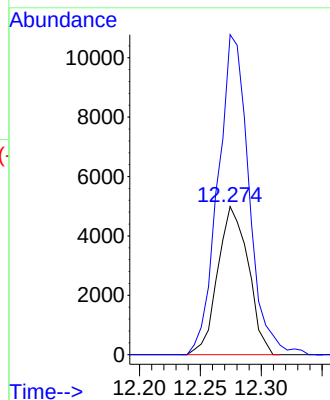
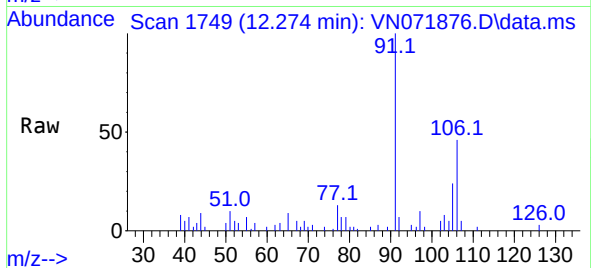
WC-14A-1A-4-GR-10

Tgt Ion:106 Resp: 8719

Ion Ratio Lower Upper

106 100

91 219.0 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

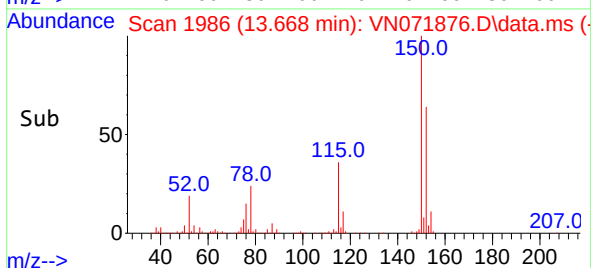
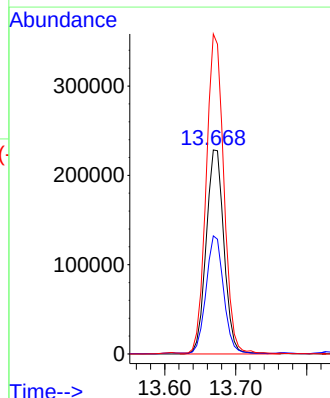
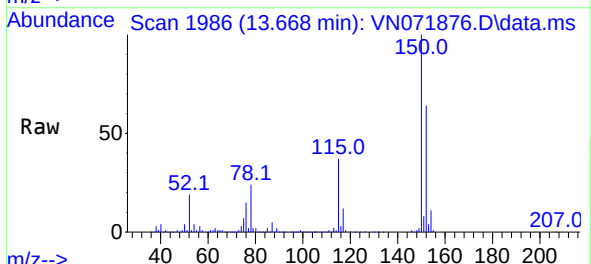
Tgt Ion:152 Resp: 398591

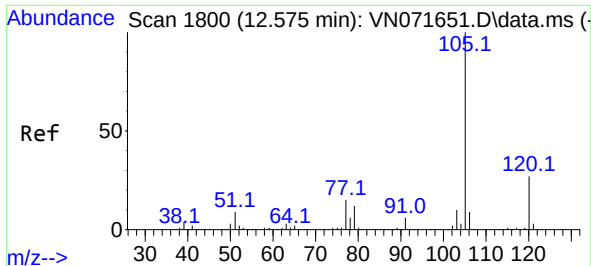
Ion Ratio Lower Upper

152 100

115 57.1 28.9 86.7

150 154.5 0.0 356.2

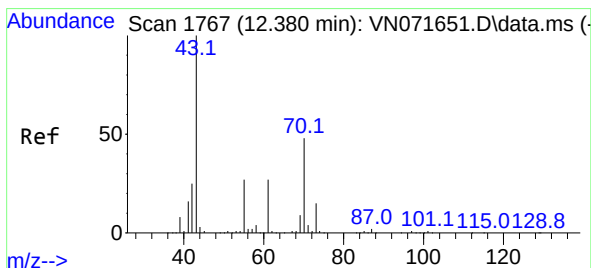
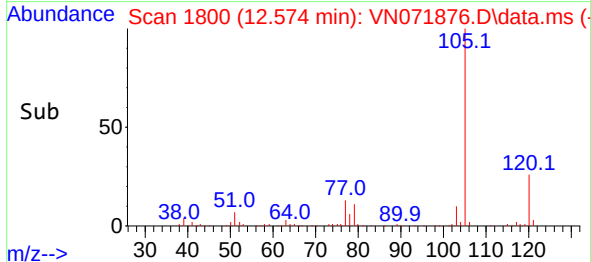
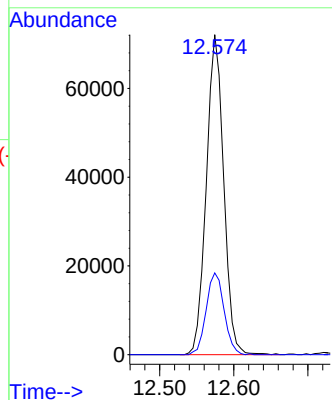
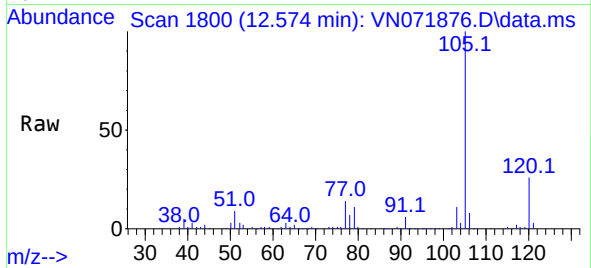




#73
Isopropylbenzene
Concen: 3.501 ug/l
RT: 12.574 min Scan# 117608
Delta R.T. -0.001 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

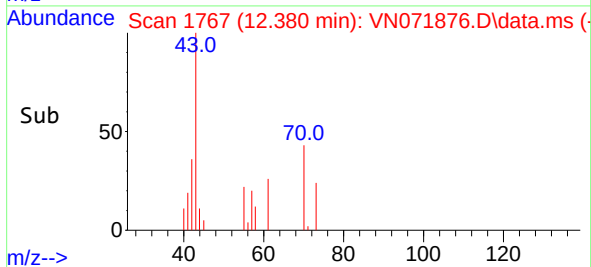
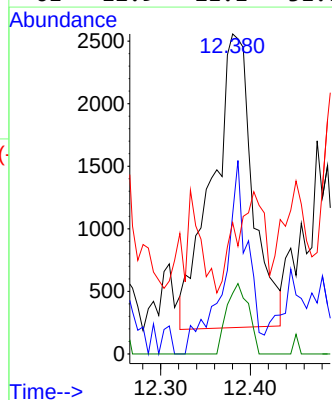
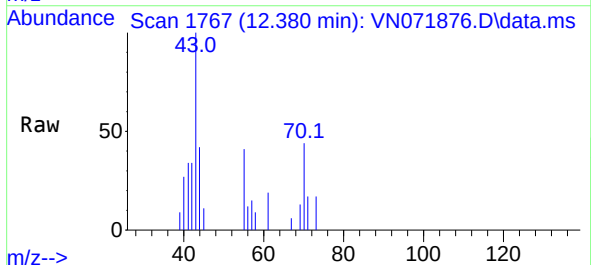
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

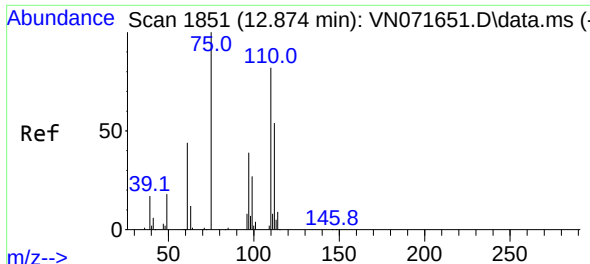
Tgt Ion:105 Resp: 117608
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4



#74
N-ethyl acetate
Concen: 0.763 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 43 Resp: 7340
Ion Ratio Lower Upper
43 100
70 39.1 39.0 58.4
55 0.0 21.1 31.7#
61 12.9 21.1 31.7#

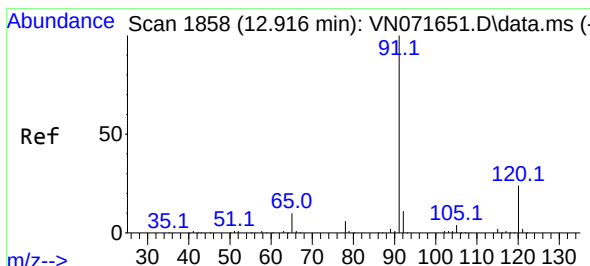
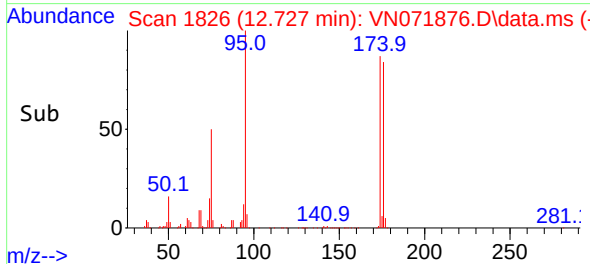
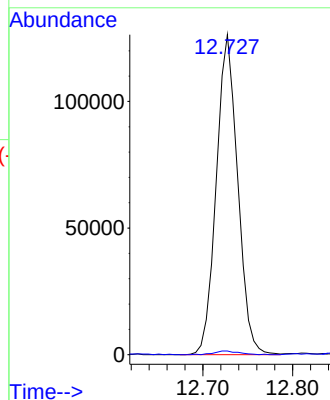
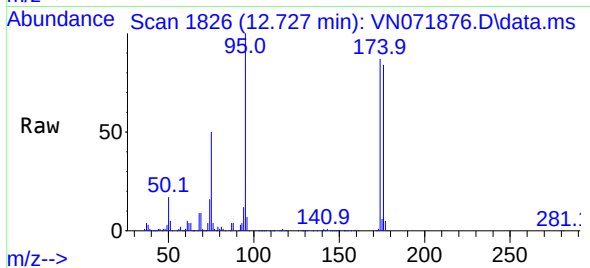




#76
1,2,3-Trichloropropane
Concen: 22.661 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

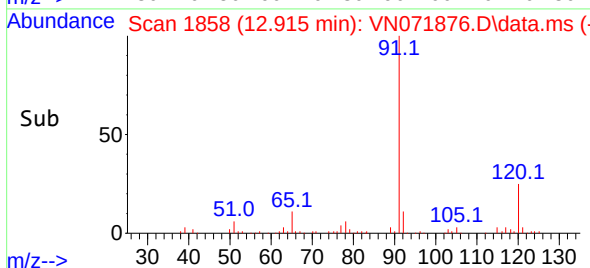
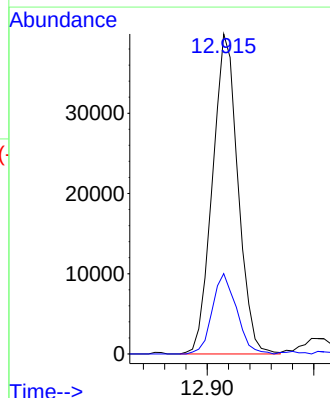
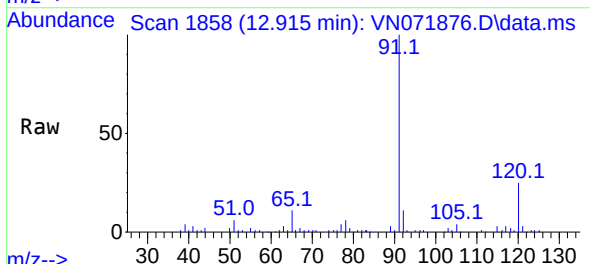
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

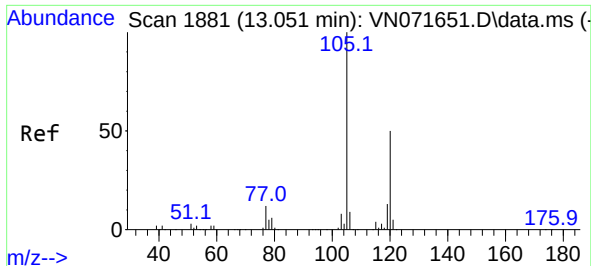
Tgt Ion: 75 Resp: 209243
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#78
n-propylbenzene
Concen: 1.876 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 91 Resp: 66280
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5

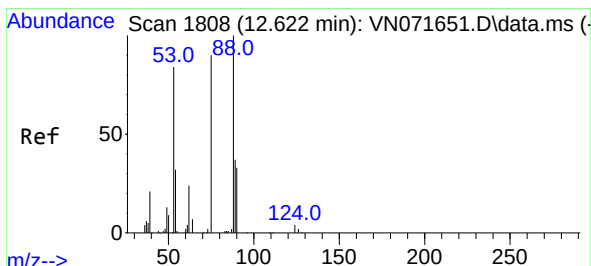
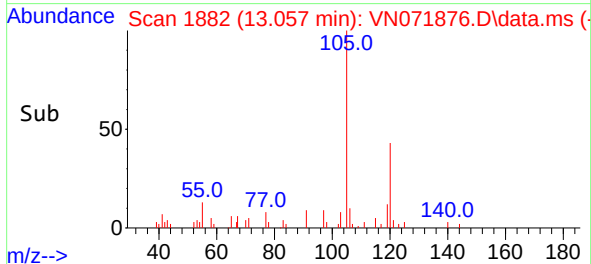
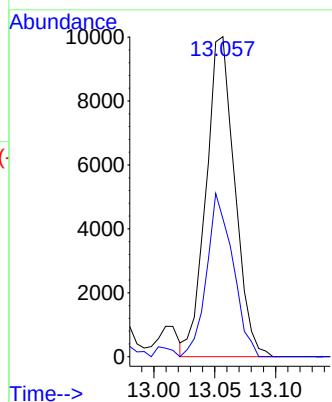
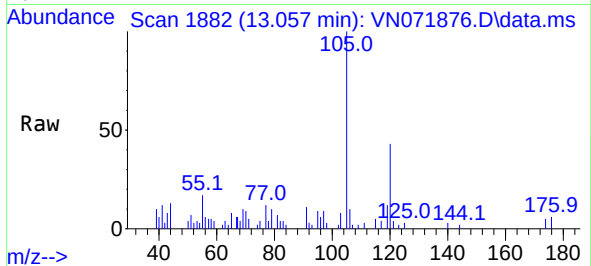




#80
1,3,5-Trimethylbenzene
Concen: 0.616 ug/l
RT: 13.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

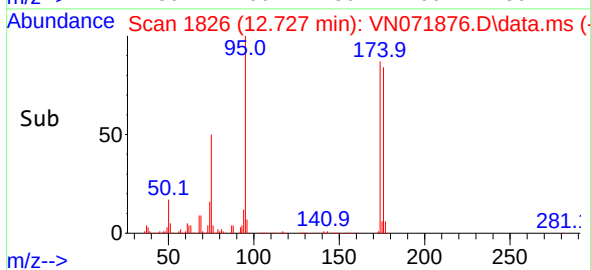
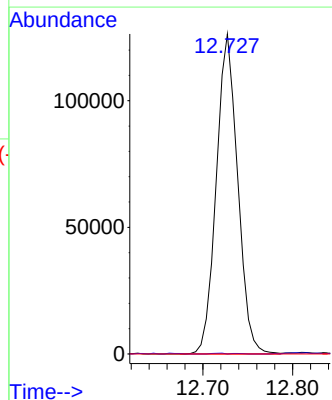
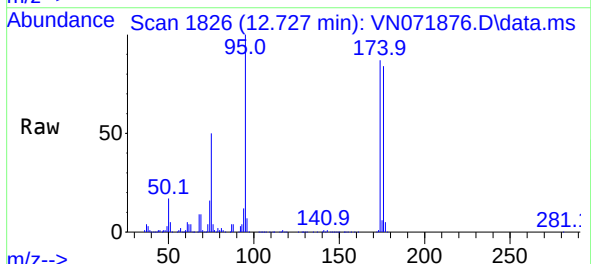
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

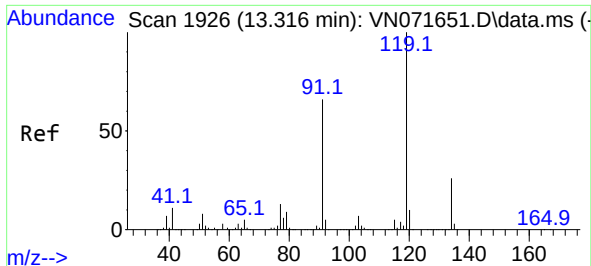
Tgt Ion:105 Resp: 16382
Ion Ratio Lower Upper
105 100
120 46.6 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 70.225 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 75 Resp: 209243
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

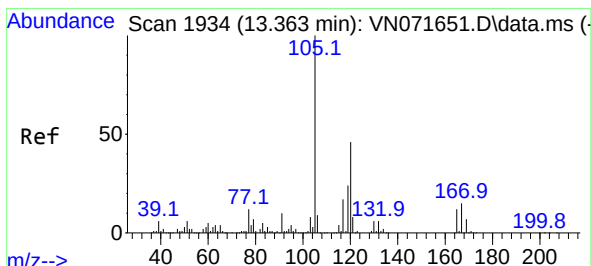
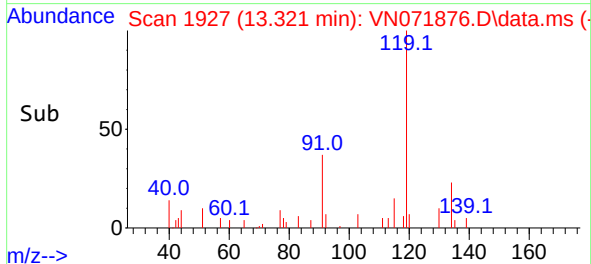
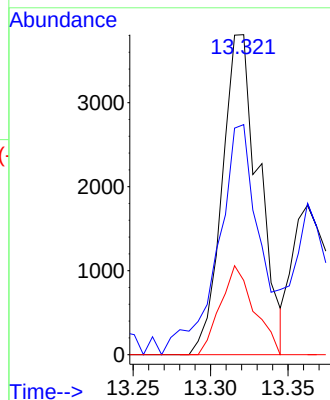
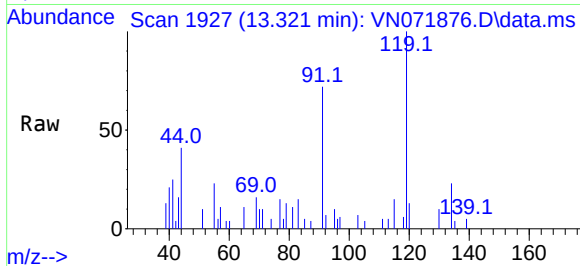




#83
tert-Butylbenzene
Concen: 0.258 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.005 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

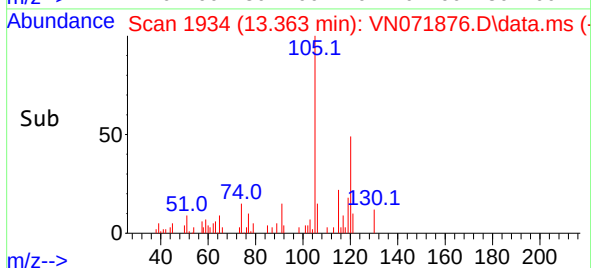
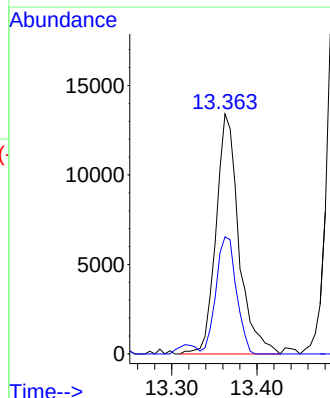
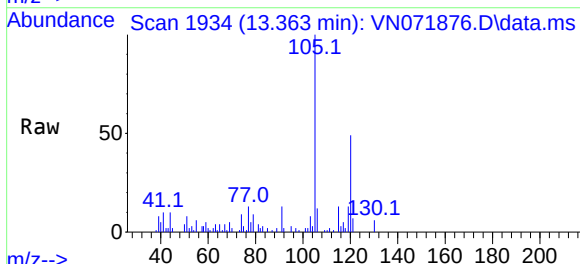
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

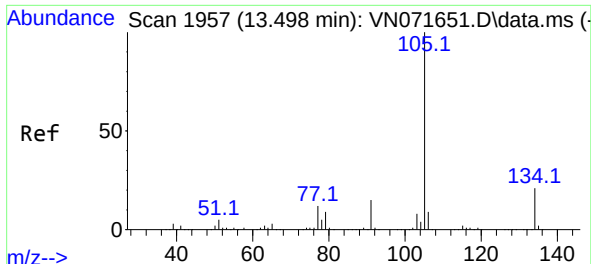
Tgt Ion:	119	Resp:	6283
Ion	Ratio	Lower	Upper
119	100		
91	82.4	31.6	94.8
134	25.5	13.7	41.1



#84
1,2,4-Trimethylbenzene
Concen: 0.962 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion:	105	Resp:	24969
Ion	Ratio	Lower	Upper
105	100		
120	43.6	23.3	69.8

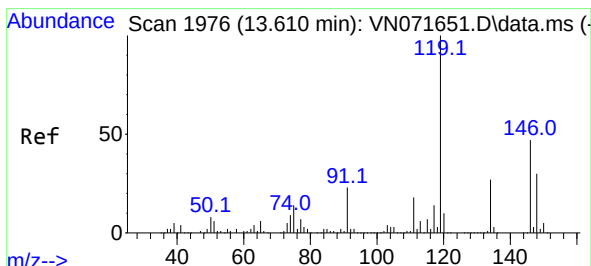
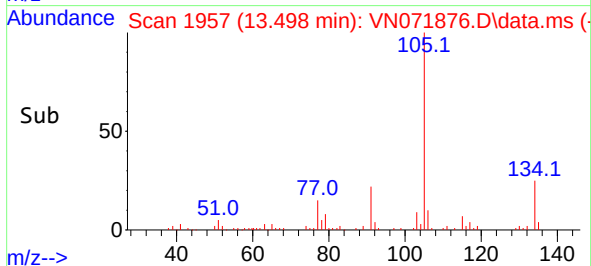
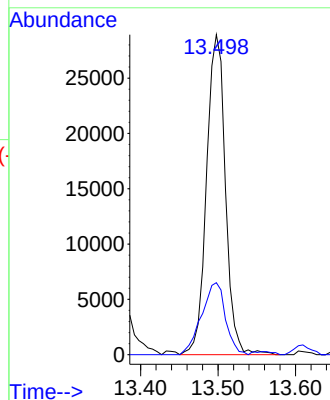
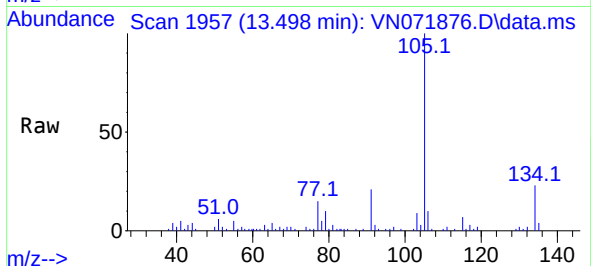




#85
 sec-Butylbenzene
 Concen: 1.555 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071876.D
 Acq: 06 Apr 2022 13:54

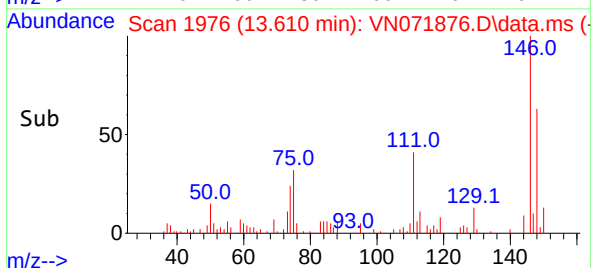
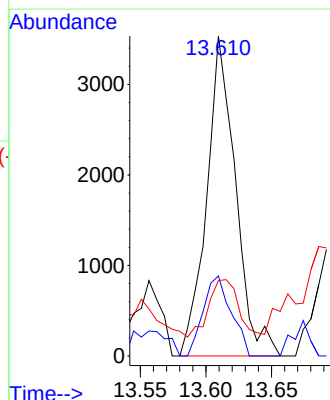
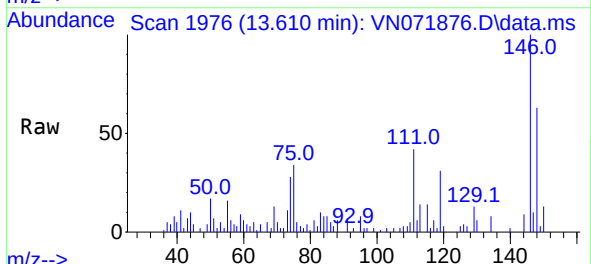
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-4-GR-10

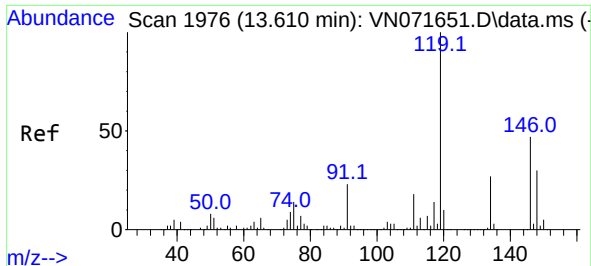
Tgt Ion:105 Resp: 49026
 Ion Ratio Lower Upper
 105 100
 134 28.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.216 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071876.D
 Acq: 06 Apr 2022 13:54

Tgt Ion:119 Resp: 5424
 Ion Ratio Lower Upper
 119 100
 134 24.1 13.3 39.8
 91 18.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 1.593 ug/l

RT: 13.615 min Scan# 1976

Delta R.T. 0.005 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-4-GR-10

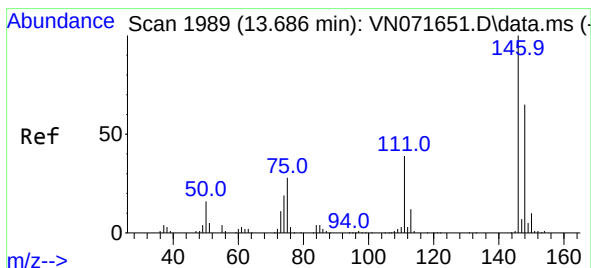
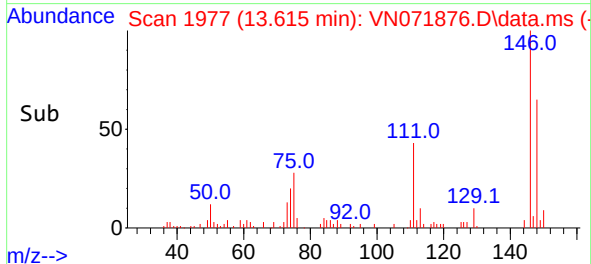
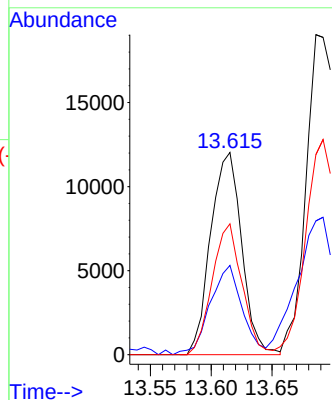
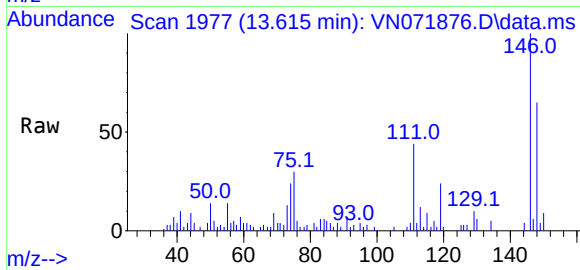
Tgt Ion:146 Resp: 21366

Ion Ratio Lower Upper

146 100

111 45.4 20.0 60.0

148 62.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 2.590 ug/l

RT: 13.686 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

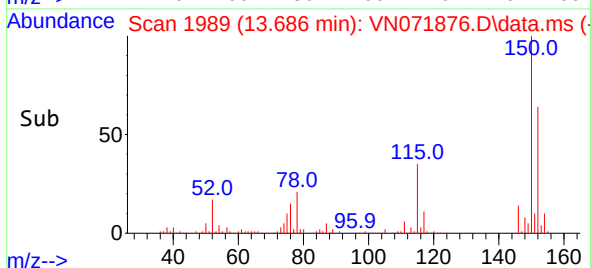
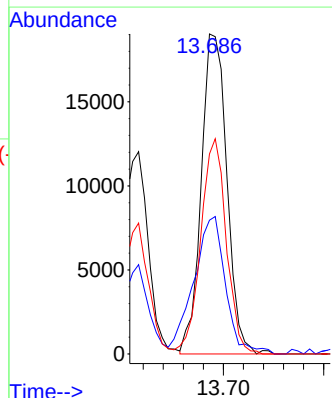
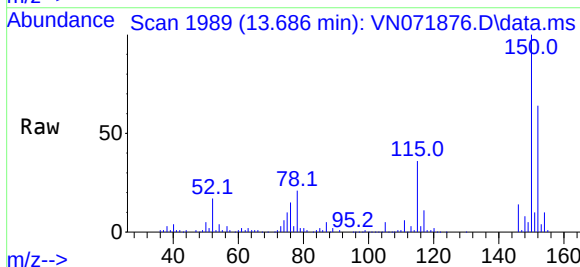
Tgt Ion:146 Resp: 33890

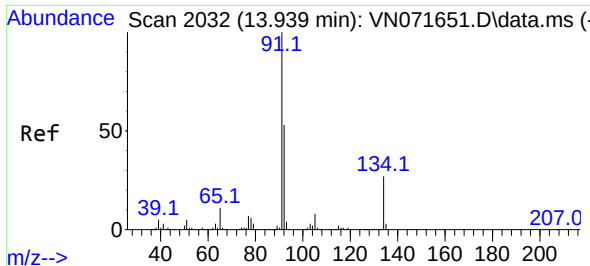
Ion Ratio Lower Upper

146 100

111 53.4 19.1 57.1

148 66.9 31.4 94.3

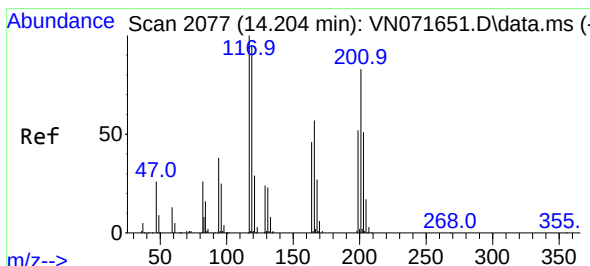
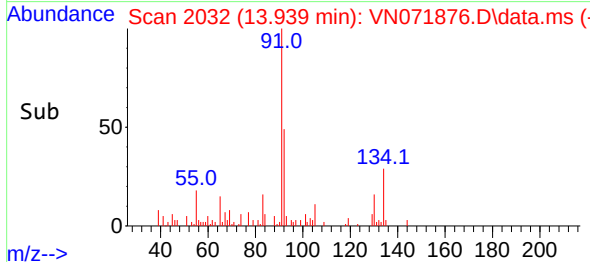
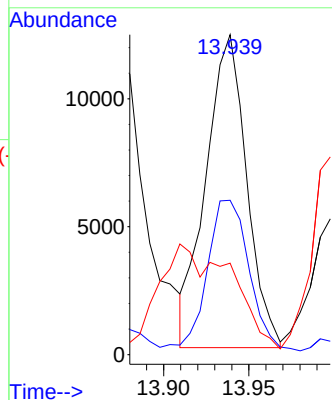
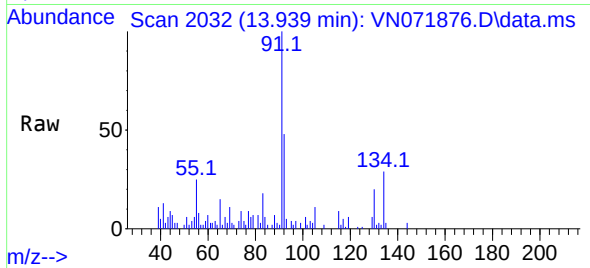




#89
n-Butylbenzene
Concen: 1.089 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

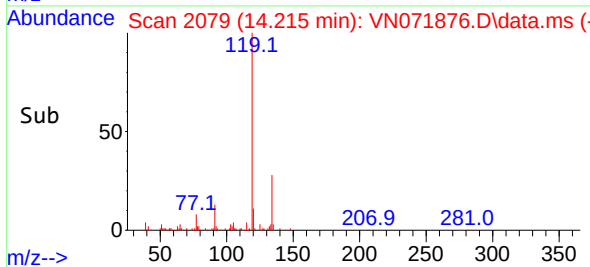
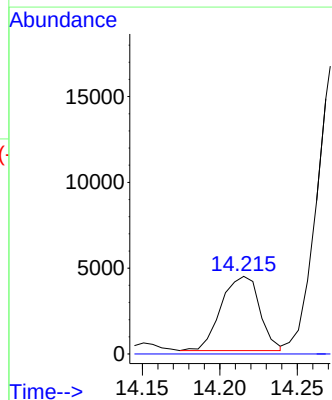
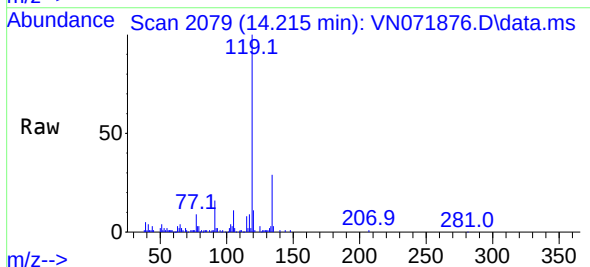
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

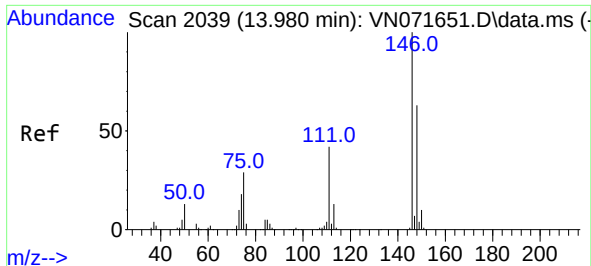
Tgt Ion: 91 Resp: 20316
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 1.621 ug/l
RT: 14.215 min Scan# 2079
Delta R.T. 0.011 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion: 117 Resp: 7463
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#





#91

1,2-Dichlorobenzene

Concen: 1.302 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

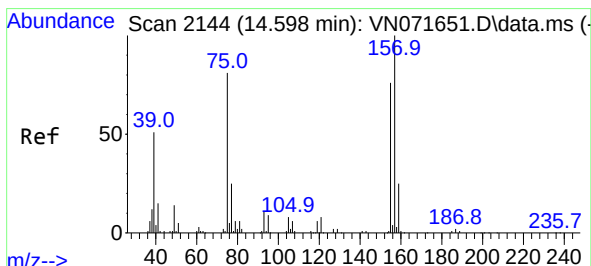
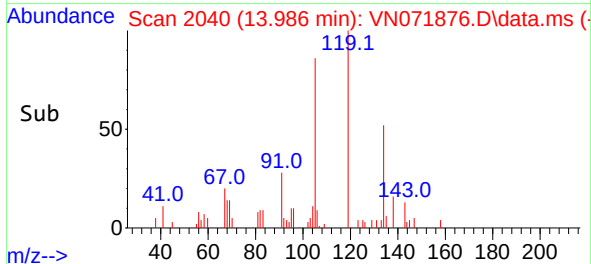
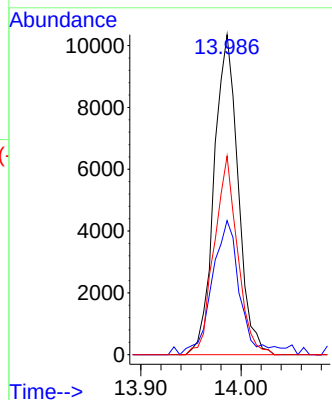
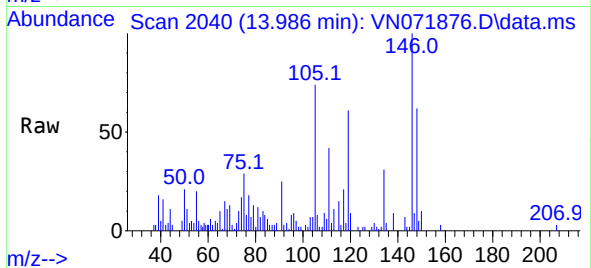
Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-4-GR-10

Tgt Ion:146	Resp:	17151
Ion Ratio	Lower	Upper
146	100	
111	50.3	20.9 62.8
148	60.6	32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.674 ug/l

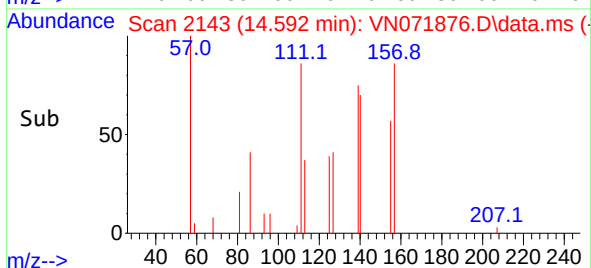
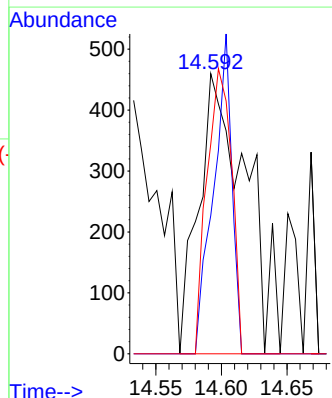
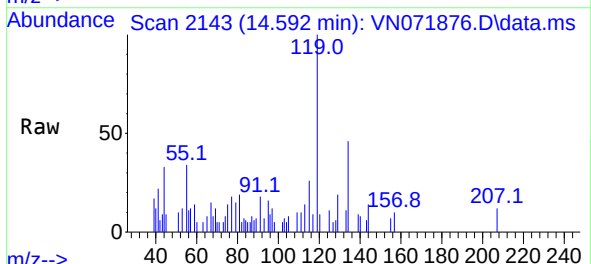
RT: 14.592 min Scan# 2143

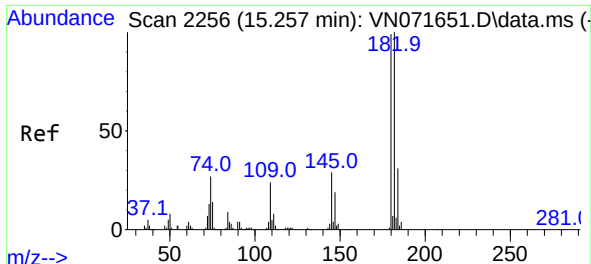
Delta R.T. -0.006 min

Lab File: VN071876.D

Acq: 06 Apr 2022 13:54

Tgt Ion: 75	Resp:	1172
Ion Ratio	Lower	Upper
75	100	
155	43.9	44.9 134.5#
157	52.1	59.0 176.8#

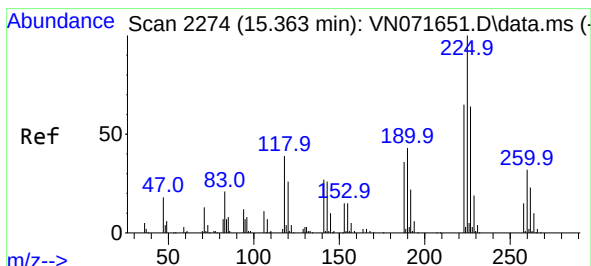
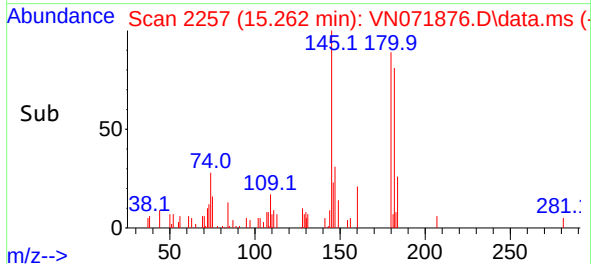
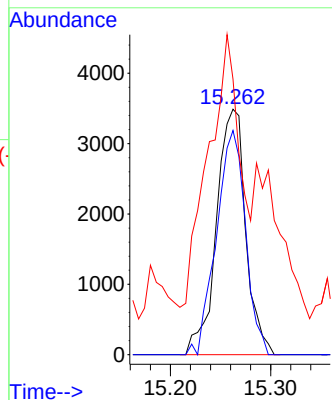
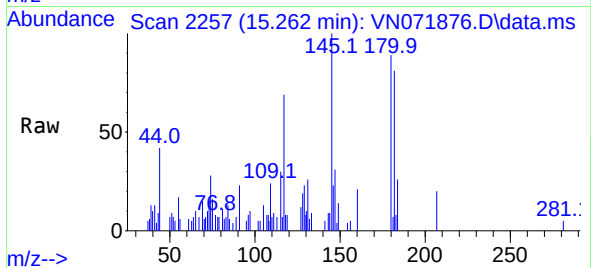




#93
1,2,4-Trichlorobenzene
Concen: 3.154 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

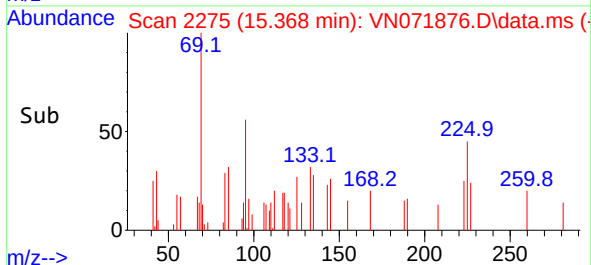
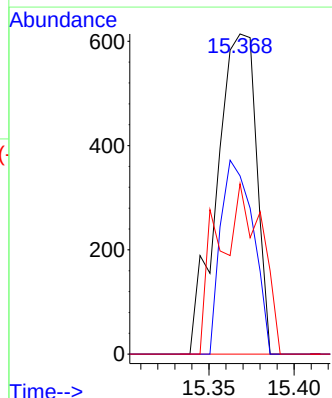
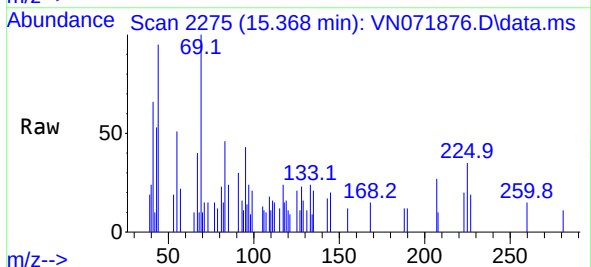
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

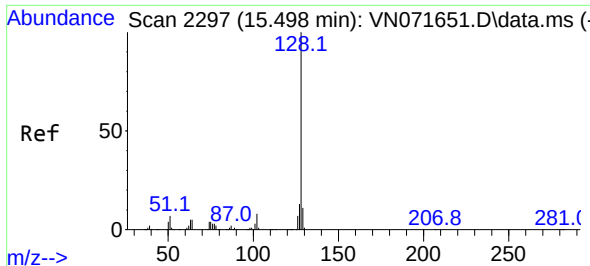
Tgt Ion:180 Resp: 7073
Ion Ratio Lower Upper
180 100
182 90.6 47.5 142.5
145 161.2 14.5 43.5#



#94
Hexachlorobutadiene
Concen: 0.254 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion:225 Resp: 987
Ion Ratio Lower Upper
225 100
223 49.9 32.4 97.2
227 58.9 31.8 95.4

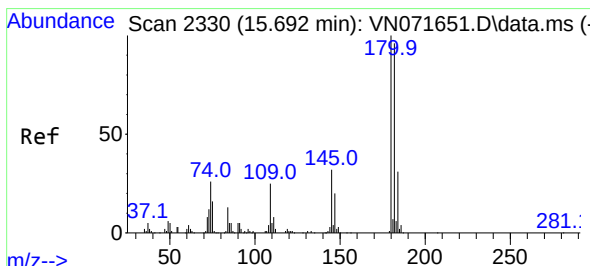
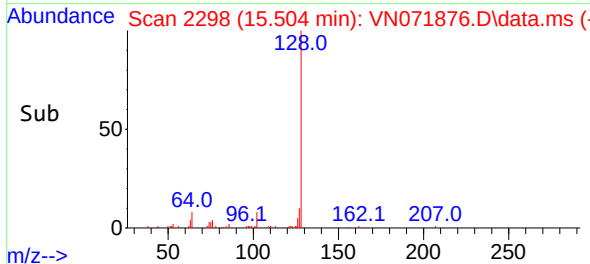
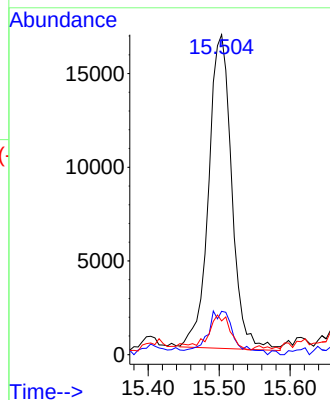
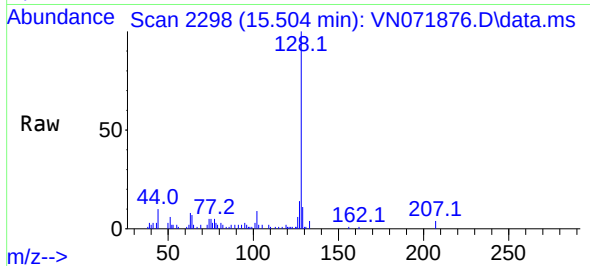




#95
Naphthalene
Concen: 5.725 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-GR-10

Tgt Ion:	128	Resp:	37767
Ion	Ratio	Lower	Upper
128	100		
127	16.1	10.3	15.5#
129	10.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 3.635 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071876.D
Acq: 06 Apr 2022 13:54

Tgt Ion:	180	Resp:	7881
Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.8	143.3
145	167.8	15.5	46.5#

