

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073959.D
 Acq On : 16 Aug 2022 19:29
 Operator : JC\MD
 Sample : N4204-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Aug 17 01:21:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	729142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1061738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	1084496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	662209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	330502	46.538	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.080%
35) Dibromofluoromethane	7.951	113	326336	51.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.940%
50) Toluene-d8	10.386	98	1151756	47.362	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.720%
62) 4-Bromofluorobenzene	12.674	95	547581	67.848	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	135.700%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	715770	450.577	ug/l	100
13) Acrolein	3.922	56	604871	543.984	ug/l #	1
14) Allyl chloride	4.875	41	817365	95.905	ug/l #	1
15) Acrylonitrile	5.528	53	35465	9.144	ug/l #	35
16) Acetone	4.187	43	674958	201.447	ug/l #	55
17) Carbon Disulfide	4.457	76	5227	0.382	ug/l #	75
18) Methyl Acetate	4.851	43	110024	11.163	ug/l #	48
19) Methyl tert-butyl Ether	5.534	73	782730	37.766	ug/l #	1
20) Methylene Chloride	4.869	84	81255	11.493	ug/l #	1
23) Vinyl Acetate	6.381	43	88845	5.737	ug/l #	74
24) 1,1-Dichloroethane	6.316	63	9548	0.849	ug/l #	82
25) 2-Butanone	7.263	43	161170	30.337	ug/l	98
26) 2,2-Dichloropropane	7.128	77	4391	0.416	ug/l #	53
28) Bromochloromethane	7.769	49	24352	5.870	ug/l #	8
29) Tetrahydrofuran	7.610	42	6836	2.006	ug/l #	46
30) Chloroform	7.769	83	99974	7.949	ug/l #	36
31) Cyclohexane	8.022	56	1405232	141.940	ug/l	97
36) 1,1-Dichloropropene	8.016	75	46881	5.375	ug/l #	49
37) Ethyl Acetate	7.263	43	161170	15.254	ug/l #	67
38) Carbon Tetrachloride	8.016	117	63110	6.331	ug/l #	16
39) Methylcyclohexane	9.398	83	739412	67.663	ug/l	97
40) Benzene	8.392	78	16448377	597.559	ug/l	97
41) Methacrylonitrile	7.604	41	34286	7.181	ug/l #	33
42) 1,2-Dichloroethane	8.522	62	18095	1.912	ug/l #	74
43) Isopropyl Acetate	8.469	43	380806	25.300	ug/l #	55
45) 1,2-Dichloropropane	9.398	63	8023	1.216	ug/l #	1
47) Bromodichloromethane	9.681	83	64317	6.709	ug/l #	27
48) Methyl methacrylate	9.528	41	21909	3.402	ug/l #	10
49) 1,4-Dioxane	9.339	88	128	0.668	ug/l #	1
51) 4-Methyl-2-Pentanone	10.281	43	78859	7.749	ug/l #	84
53) t-1,3-Dichloropropene	10.451	75	1084237	107.772	ug/l #	1
54) cis-1,3-Dichloropropene	9.910	75	2334	0.212	ug/l #	1
55) 1,1,2-Trichloroethane	10.816	97	55493	7.558	ug/l #	20
56) Ethyl methacrylate	10.716	69	5560	0.531	ug/l #	28
58) 2-Chloroethyl Vinyl ether	9.963	63	8134	1.664	ug/l #	44
59) 2-Hexanone	11.028	43	322639	41.195	ug/l	64

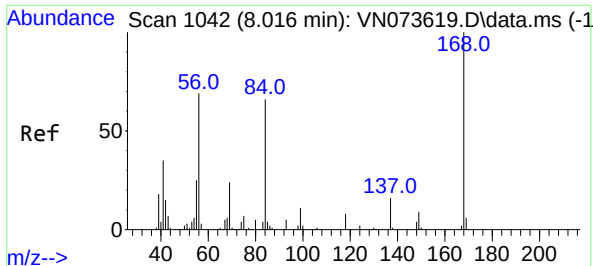
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
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 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	11.863	112	21278	0.923	ug/l #	51
69) o-Xylene	12.222	106	16584863	1061.932	ug/l #	1
70) Styrene	12.222	104	913235	37.350	ug/l #	1
73) Isopropylbenzene	12.516	105	15680133	325.179	ug/l	92
74) N-amyl acetate	12.292	43	95550	5.242	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.786	83	10883	0.673	ug/l #	2
76) 1,2,3-Trichloropropane	12.863	75	125036	9.084	ug/l #	1
77) Bromobenzene	12.686	156	20474	1.569	ug/l #	1
78) n-propylbenzene	12.857	91	17405593	338.629	ug/l	83
79) 2-Chlorotoluene	12.957	91	1505308	46.995	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.998	105	15717913	400.748	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.522	75	178648	36.916	ug/l #	66
82) 4-Chlorotoluene	13.004	91	1875110	61.635	ug/l #	40
83) tert-Butylbenzene	13.310	119	6961905	192.892	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.163	105	10051170	256.623	ug/l	79
85) sec-Butylbenzene	13.445	105	560252	11.975	ug/l #	59
86) p-Isopropyltoluene	13.504	119	270434	6.785	ug/l #	75
89) n-Butylbenzene	13.880	91	484749	15.355	ug/l #	72
90) Hexachloroethane	14.157	117	388822	53.371	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.568	75	1068	0.280	ug/l #	1
95) Naphthalene	15.427	128	18798074	405.316	ug/l	95

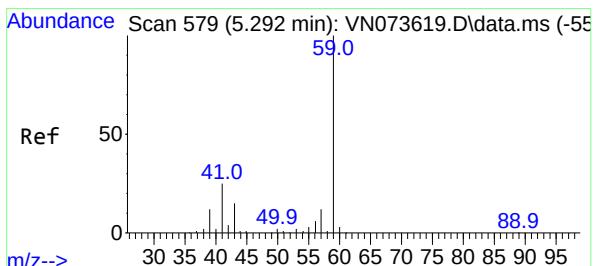
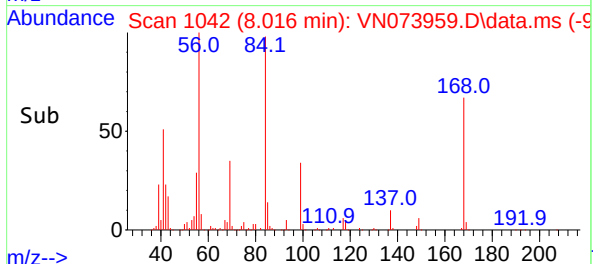
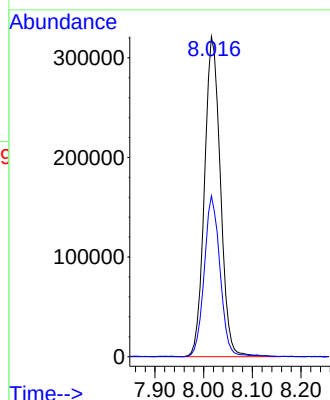
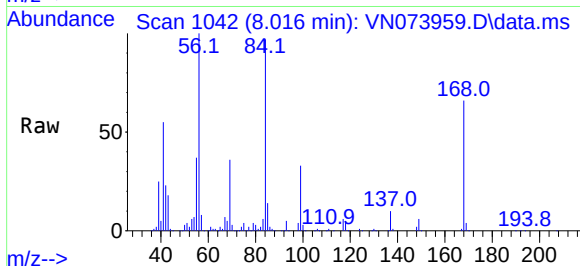
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

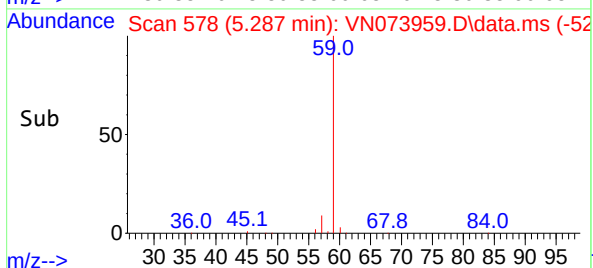
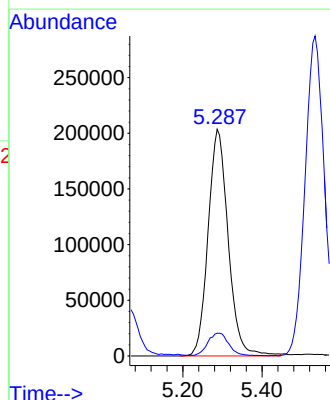
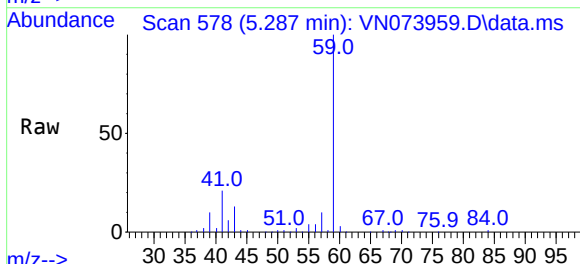
Instrument :
MSVOA_N
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MW-1

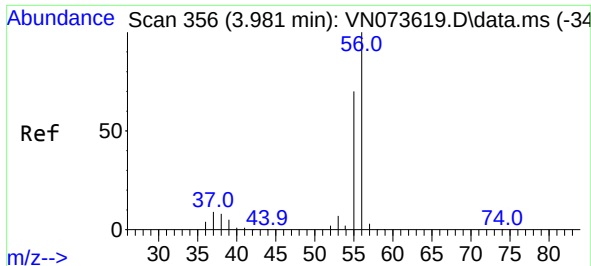
Tgt Ion:168 Resp: 729142
Ion Ratio Lower Upper
168 100
99 50.2 42.3 63.5



#11
Tert butyl alcohol
Concen: 450.577 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.005 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 59 Resp: 715770
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

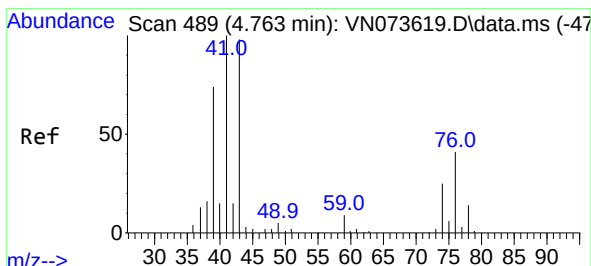
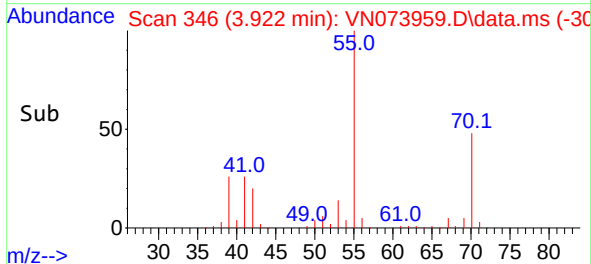
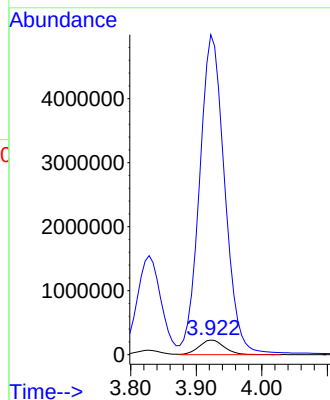
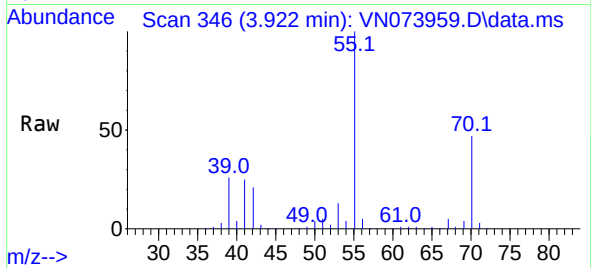




#13
Acrolein
Concen: 543.984 ug/l
RT: 3.922 min Scan# 34
Delta R.T. -0.059 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

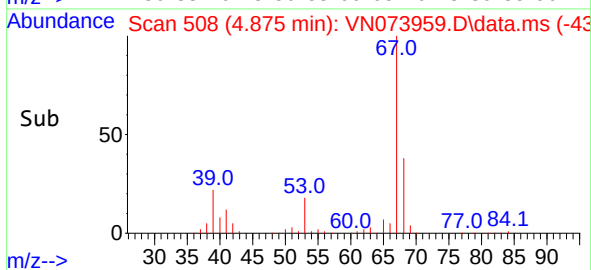
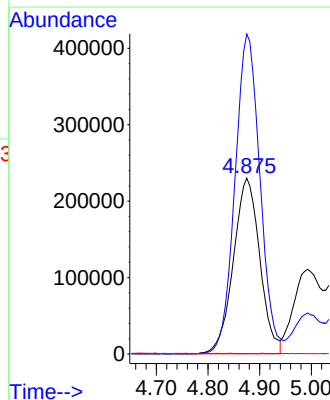
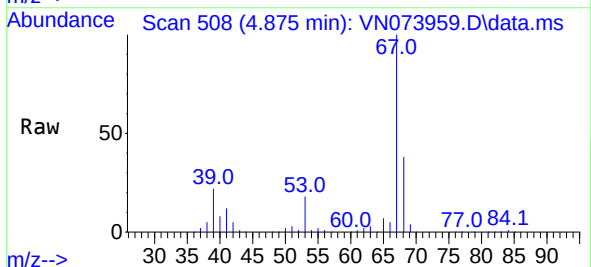
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MSVOA_N
ClientSampleId :
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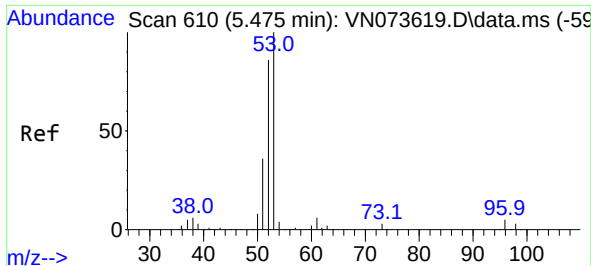
Tgt Ion: 56 Resp: 604871
Ion Ratio Lower Upper
56 100
55 2200.3 54.8 82.2#



#14
Allyl chloride
Concen: 95.905 ug/l
RT: 4.875 min Scan# 508
Delta R.T. 0.112 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 41 Resp: 817365
Ion Ratio Lower Upper
41 100
39 172.3 53.2 79.8#
76 0.0 29.9 44.9#

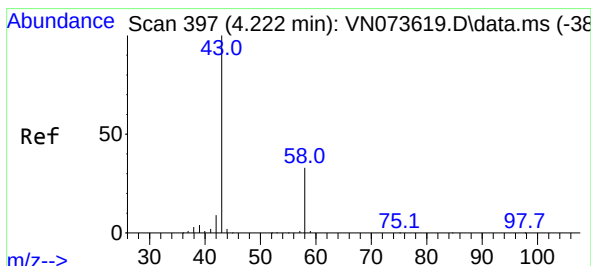
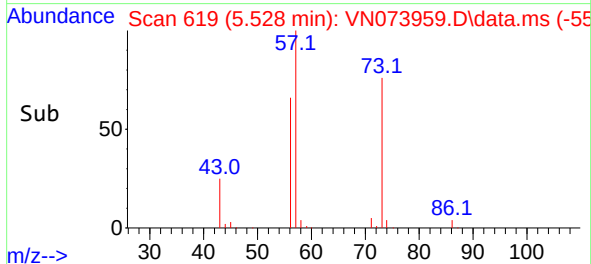
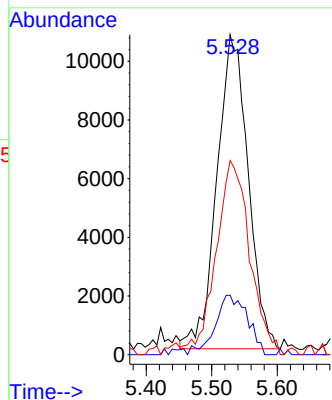
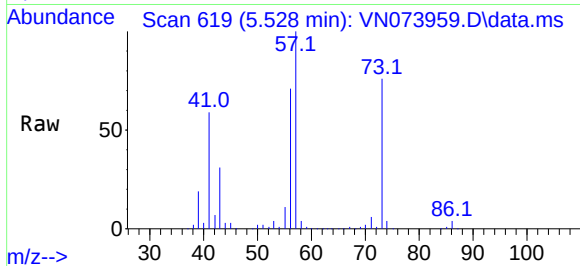




#15
Acrylonitrile
Concen: 9.144 ug/l
RT: 5.528 min Scan# 610
Delta R.T. 0.053 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

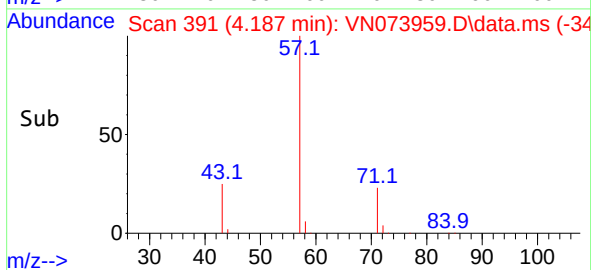
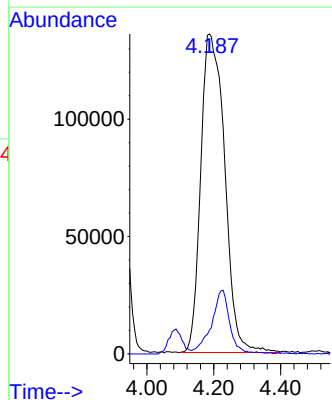
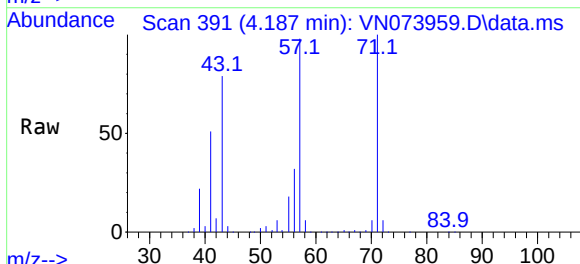
Instrument :
MSVOA_N
ClientSampleId :
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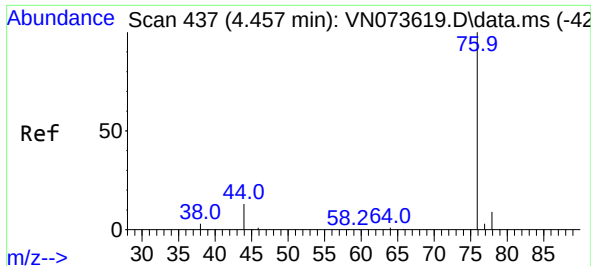
Tgt Ion: 53 Resp: 35465
Ion Ratio Lower Upper
53 100
52 19.5 66.4 99.6#
51 66.7 28.5 42.7#



#16
Acetone
Concen: 201.447 ug/l
RT: 4.187 min Scan# 391
Delta R.T. -0.035 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 43 Resp: 674958
Ion Ratio Lower Upper
43 100
58 7.3 26.0 39.0#

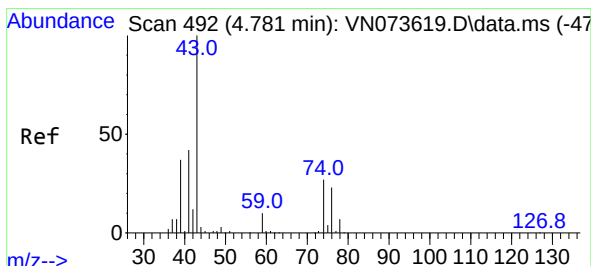
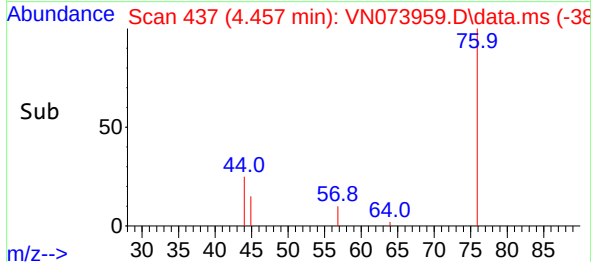
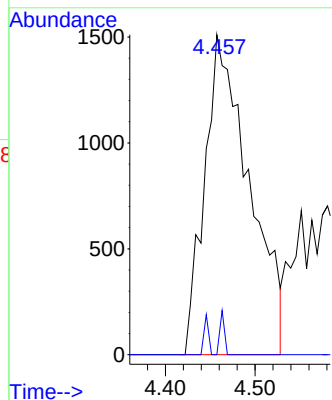
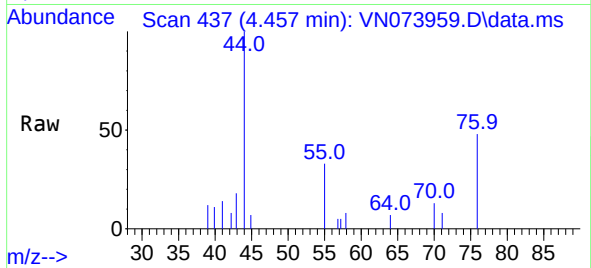




#17
Carbon Disulfide
Concen: 0.382 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

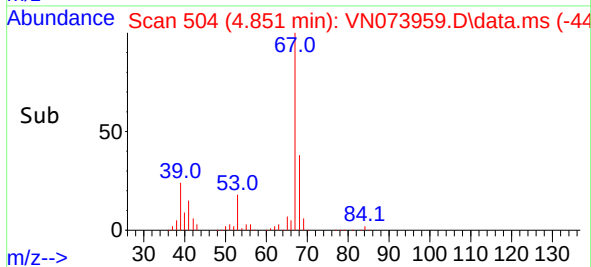
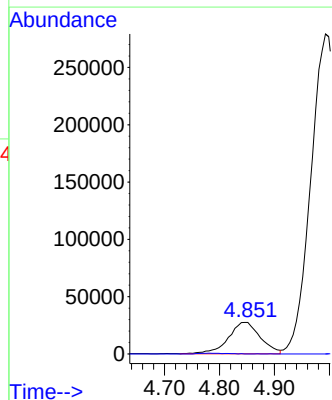
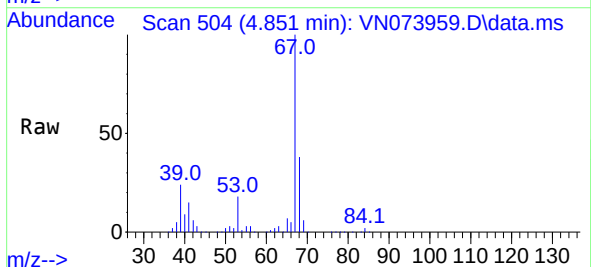
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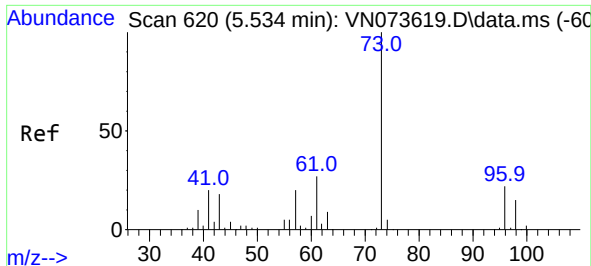
Tgt Ion: 76 Resp: 5227
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 11.163 ug/l
RT: 4.851 min Scan# 504
Delta R.T. 0.070 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 43 Resp: 110024
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

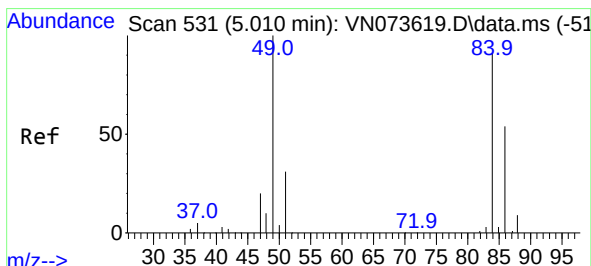
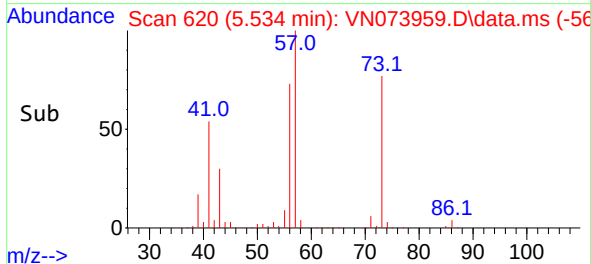
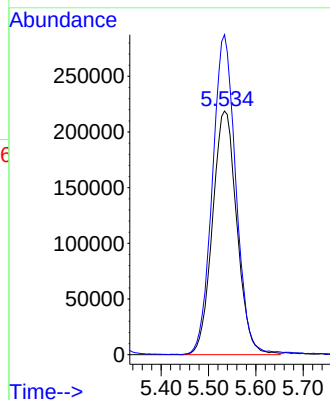
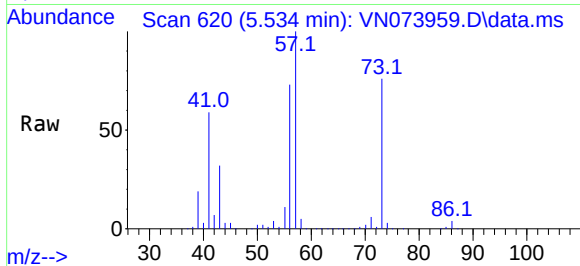




#19
Methyl tert-butyl Ether
Concen: 37.766 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

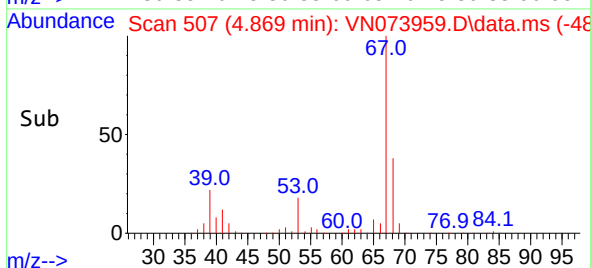
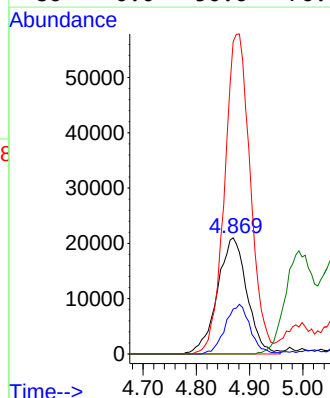
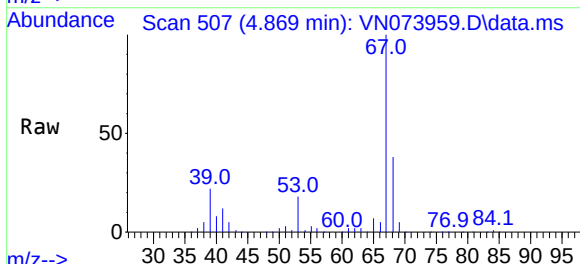
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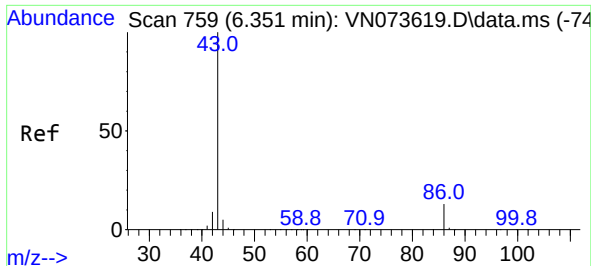
Tgt Ion: 73 Resp: 782730
Ion Ratio Lower Upper
73 100
57 131.2 17.6 26.4#



#20
Methylene Chloride
Concen: 11.493 ug/l
RT: 4.869 min Scan# 507
Delta R.T. -0.141 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 84 Resp: 81255
Ion Ratio Lower Upper
84 100
49 38.7 88.3 132.5#
51 268.7 28.2 42.2#
86 0.0 50.6 76.0#

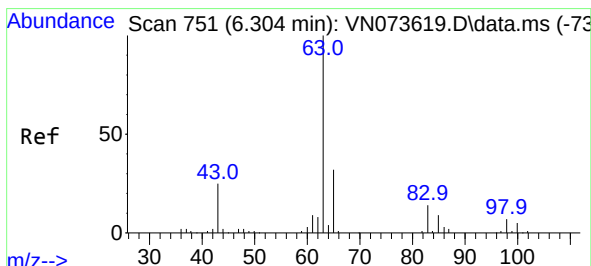
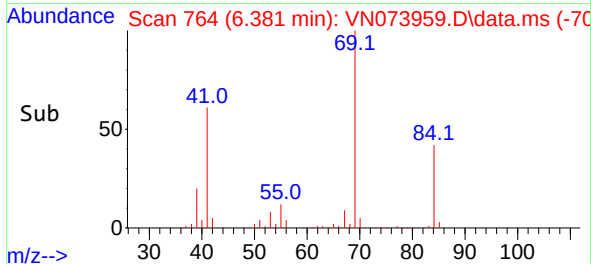
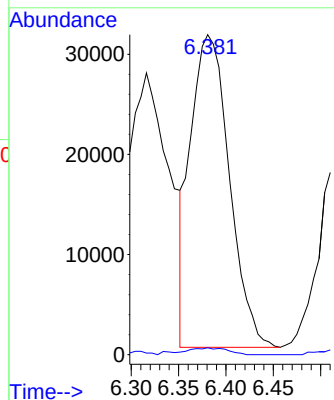
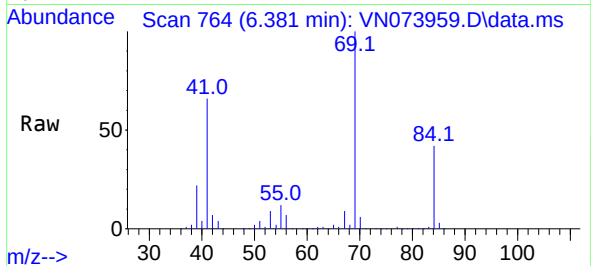




#23
 Vinyl Acetate
 Concen: 5.737 ug/l
 RT: 6.381 min Scan# 703
 Delta R.T. 0.030 min
 Lab File: VN073959.D
 Acq: 16 Aug 2022 19:29

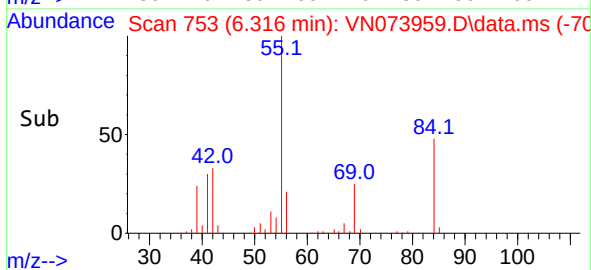
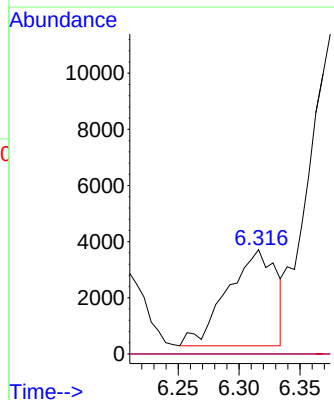
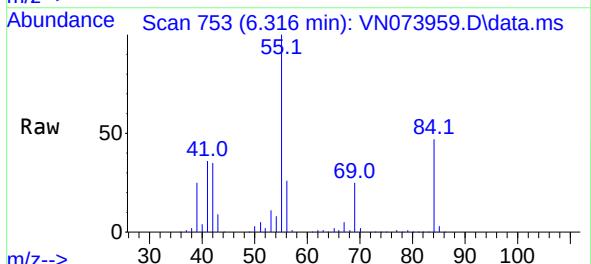
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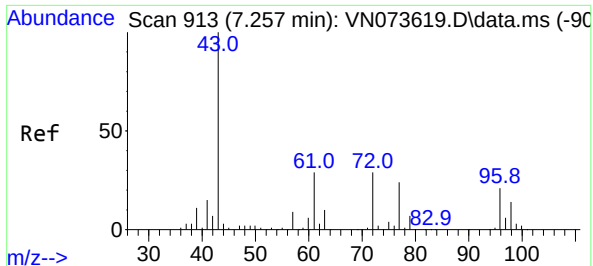
Tgt Ion: 43 Resp: 88845
 Ion Ratio Lower Upper
 43 100
 86 2.2 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 0.849 ug/l
 RT: 6.316 min Scan# 753
 Delta R.T. 0.012 min
 Lab File: VN073959.D
 Acq: 16 Aug 2022 19:29

Tgt Ion: 63 Resp: 9548
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#

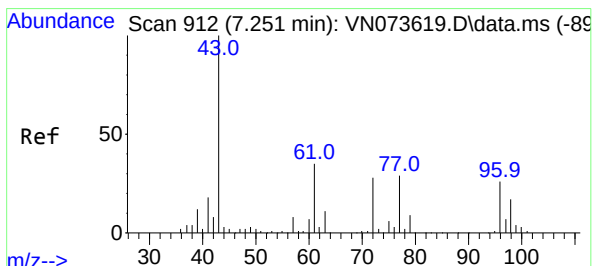
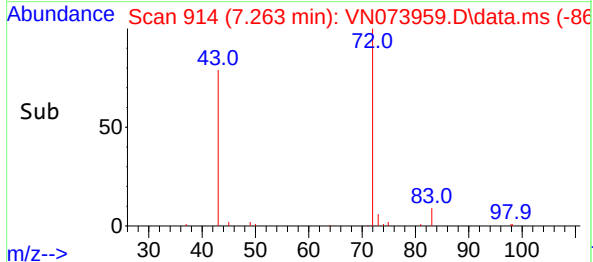
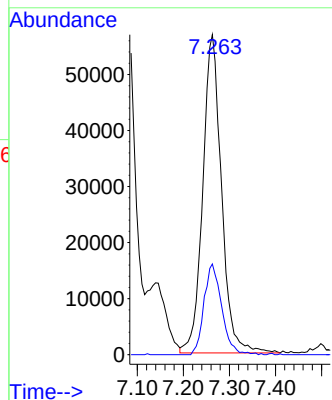
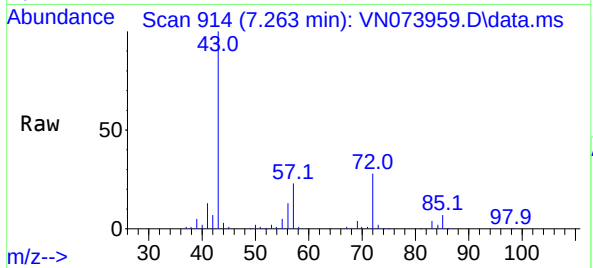




#25
2-Butanone
Concen: 30.337 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

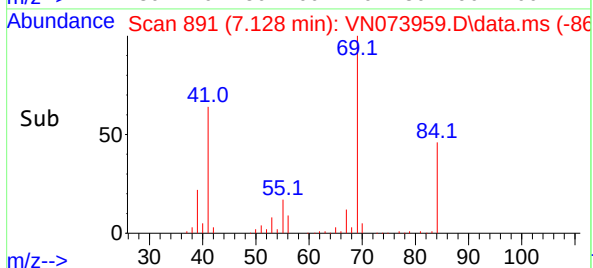
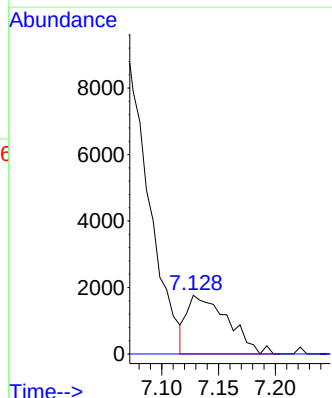
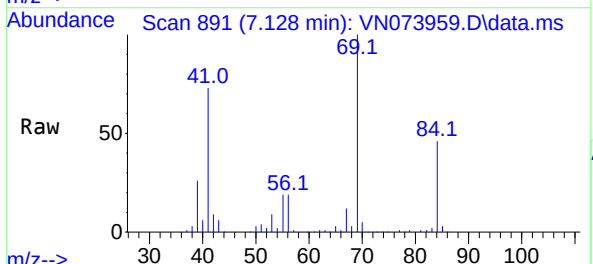
Instrument :
MSVOA_N
ClientSampleId :
MW-1

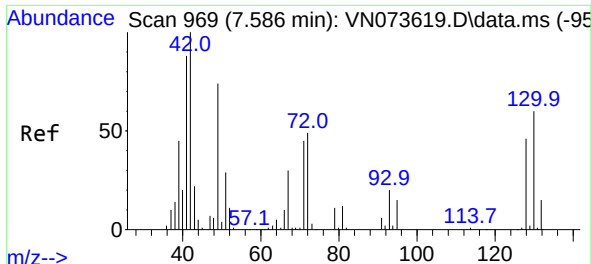
Tgt Ion: 43 Resp: 161170
Ion Ratio Lower Upper
43 100
72 28.5 23.7 35.5



#26
2,2-Dichloropropane
Concen: 0.416 ug/l
RT: 7.128 min Scan# 891
Delta R.T. -0.123 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 77 Resp: 4391
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

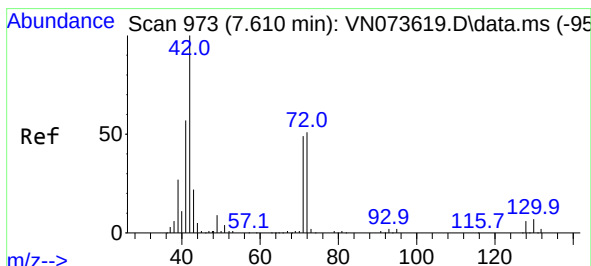
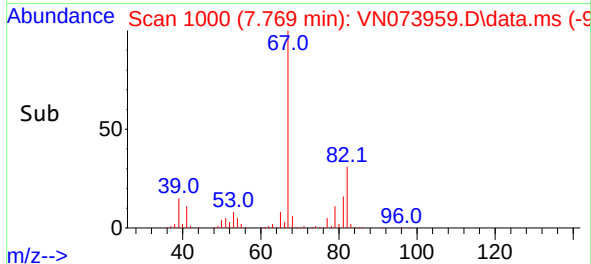
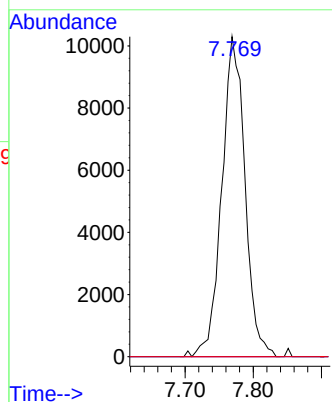
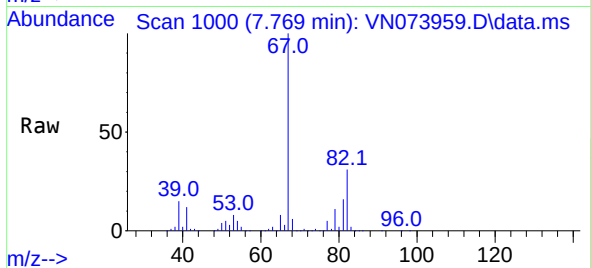




#28
Bromochloromethane
Concen: 5.870 ug/l
RT: 7.769 min Scan# 1000
Delta R.T. 0.183 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

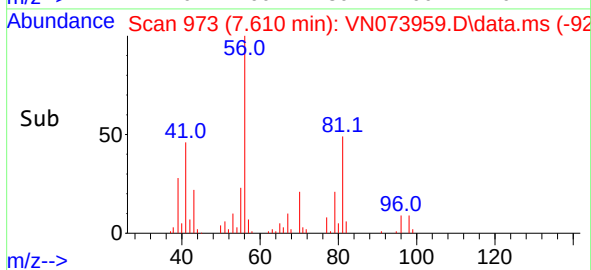
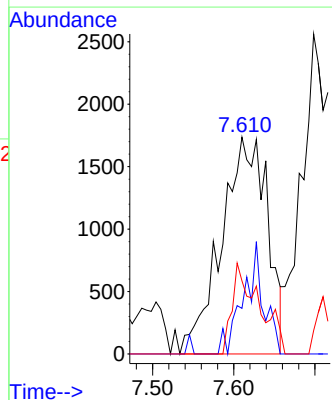
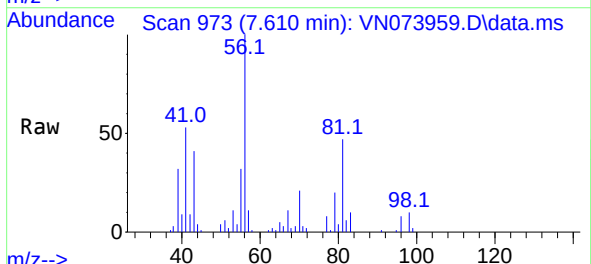
Instrument :
MSVOA_N
ClientSampleId :
MW-1

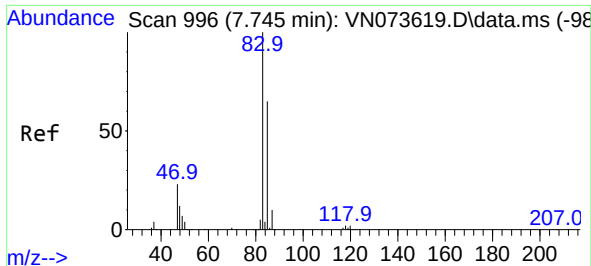
Tgt Ion: 49 Resp: 24352
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#



#29
Tetrahydrofuran
Concen: 2.006 ug/l
RT: 7.610 min Scan# 973
Delta R.T. 0.000 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 42 Resp: 6836
Ion Ratio Lower Upper
42 100
72 22.8 39.7 59.5#
71 0.0 36.6 55.0#

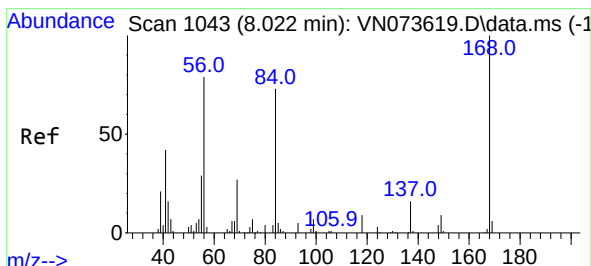
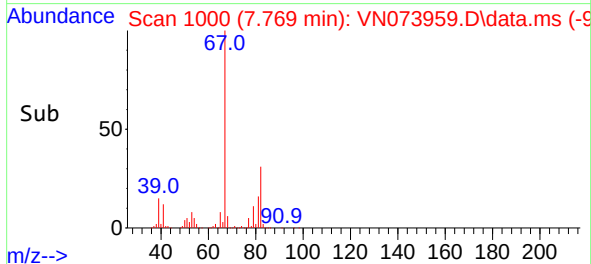
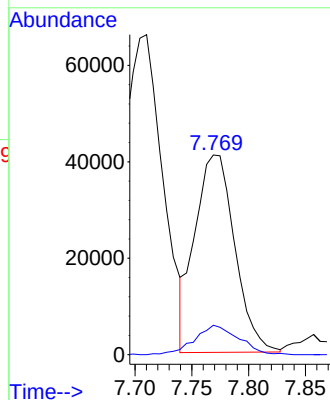
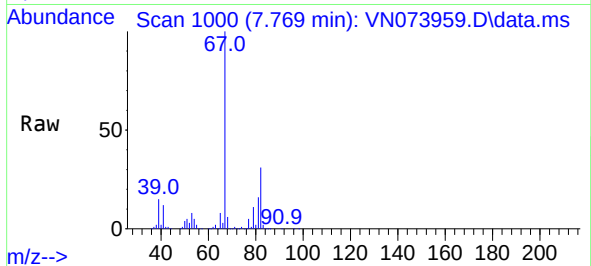




#30
Chloroform
Concen: 7.949 ug/l
RT: 7.769 min Scan# 1000
Delta R.T. 0.024 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

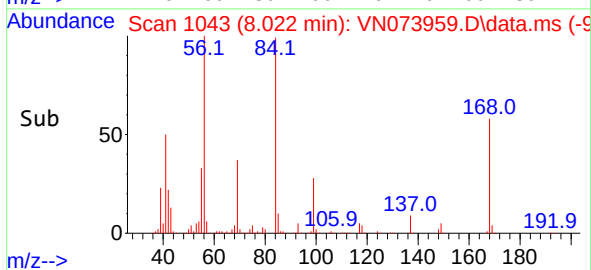
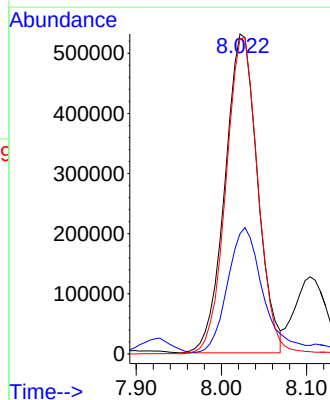
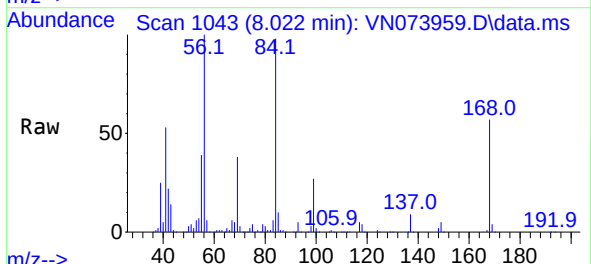
Instrument :
MSVOA_N
ClientSampleId :
MW-1

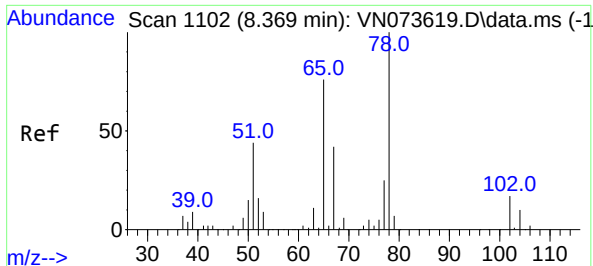
Tgt Ion: 83 Resp: 99974
Ion Ratio Lower Upper
83 100
85 14.5 51.8 77.8#



#31
Cyclohexane
Concen: 141.940 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 56 Resp: 1405232
Ion Ratio Lower Upper
56 100
69 36.2 27.8 41.8
84 98.8 76.9 115.3

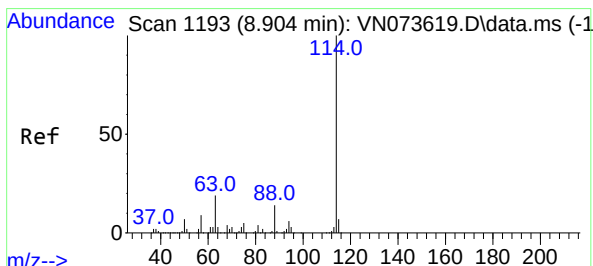
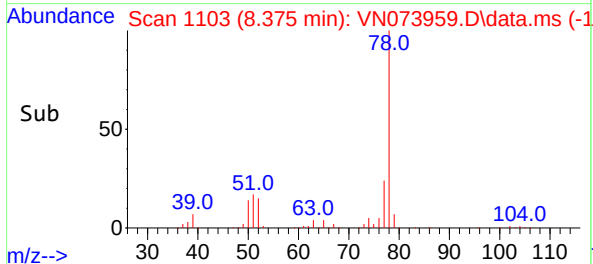
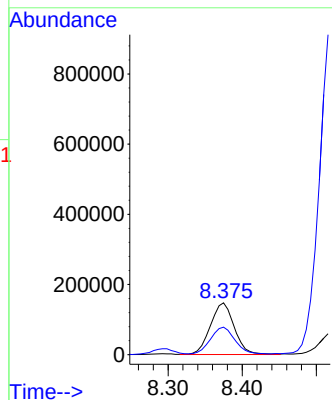
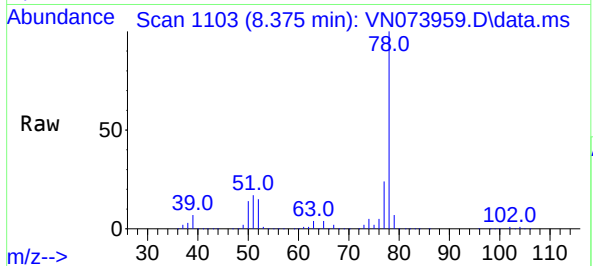




#33
1,2-Dichloroethane-d4
Concen: 46.538 ug/l
RT: 8.375 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

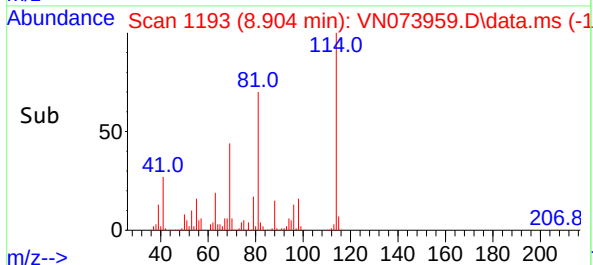
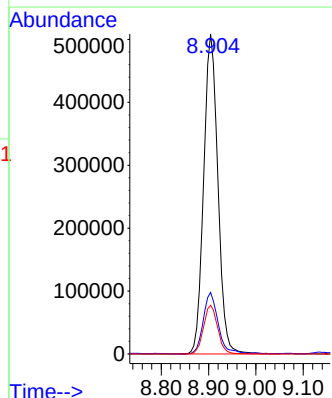
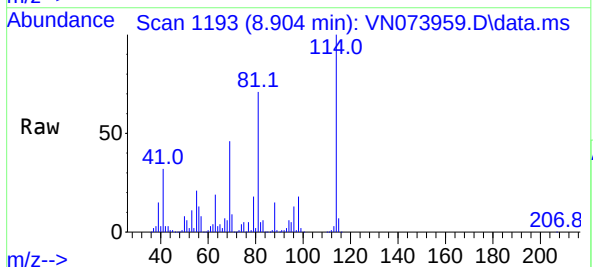
Instrument :
MSVOA_N
ClientSampleId :
MW-1

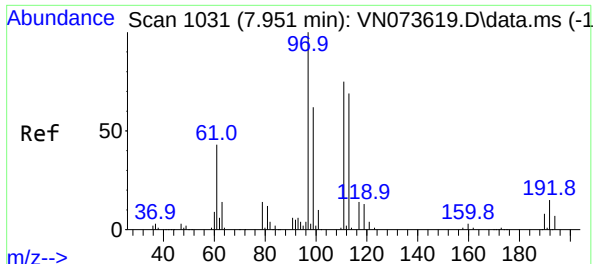
Tgt Ion: 65 Resp: 330502
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 114 Resp: 1061738
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.2 0.0 32.6

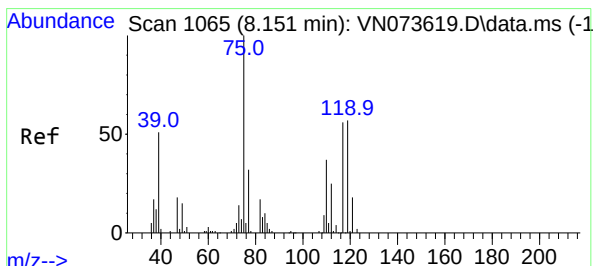
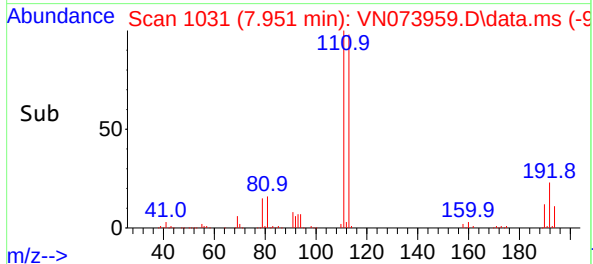
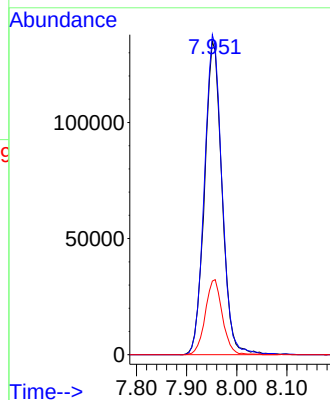
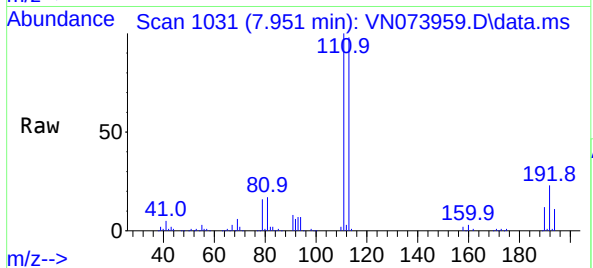




#35
Dibromofluoromethane
Concen: 51.973 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

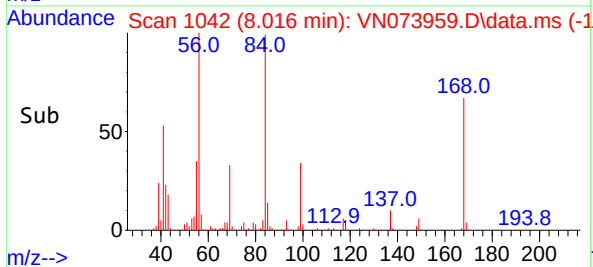
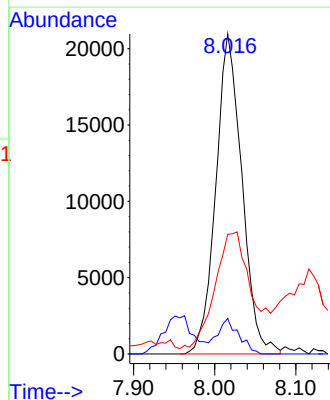
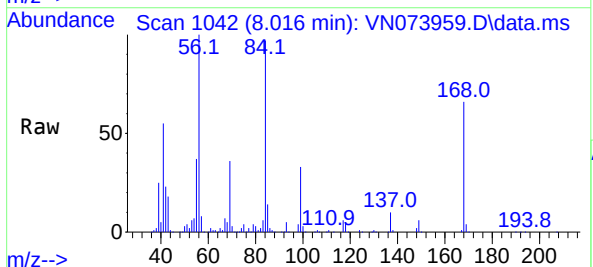
Instrument :
MSVOA_N
ClientSampleId :
MW-1

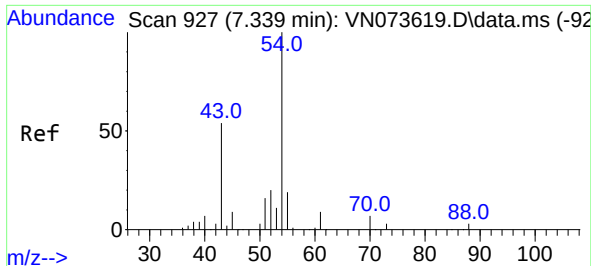
Tgt Ion:113 Resp: 326336
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 23.5 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.375 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 75 Resp: 46881
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 15.254 ug/l

RT: 7.263 min Scan# 914

Delta R.T. -0.076 min

Lab File: VN073959.D

Acq: 16 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-1

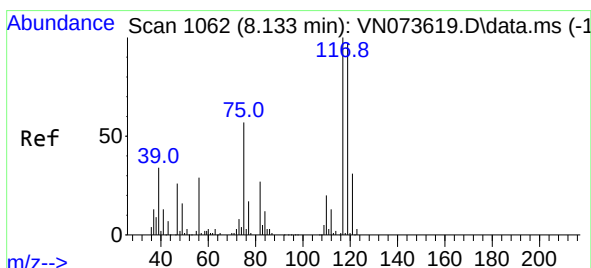
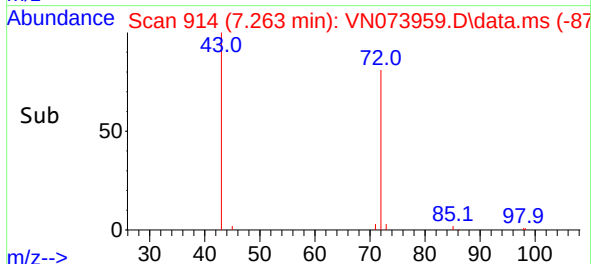
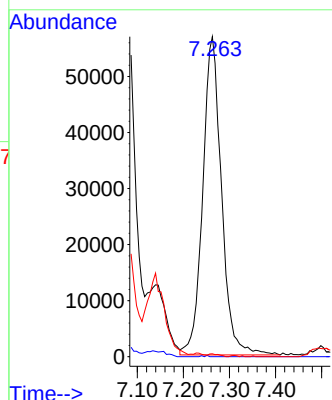
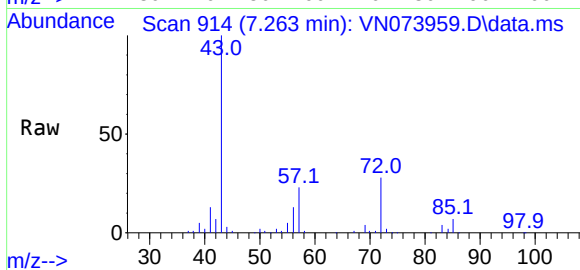
Tgt Ion: 43 Resp: 161170

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 6.331 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.117 min

Lab File: VN073959.D

Acq: 16 Aug 2022 19:29

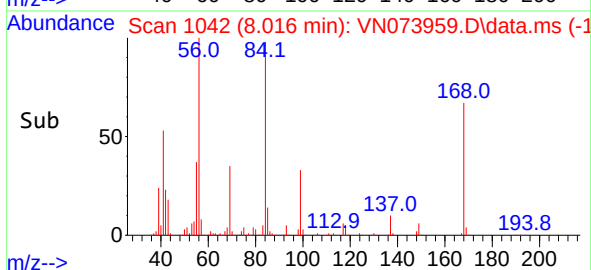
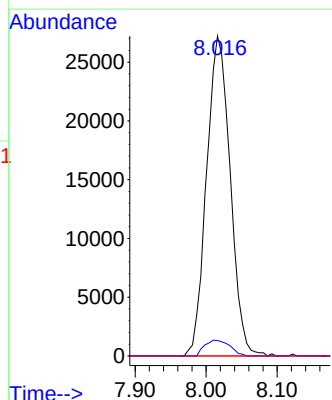
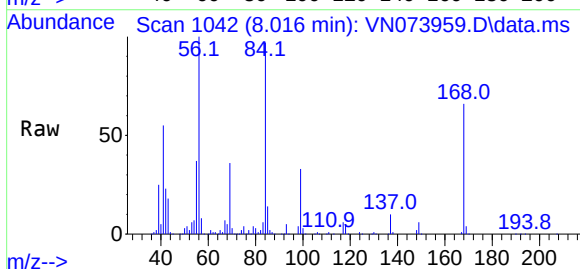
Tgt Ion: 117 Resp: 63110

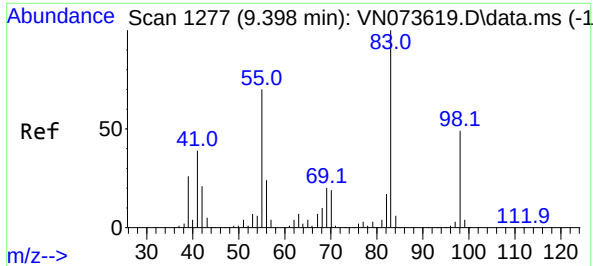
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

121 0.0 24.6 37.0#

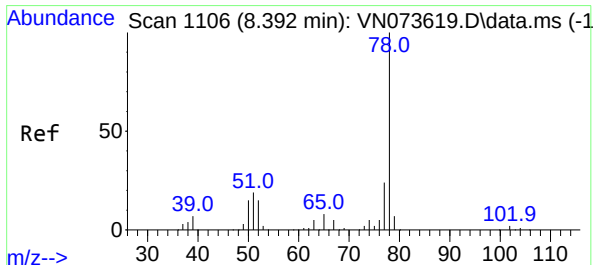
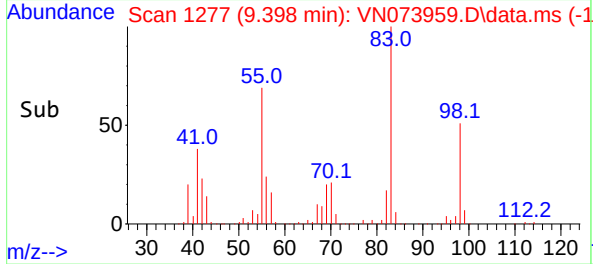
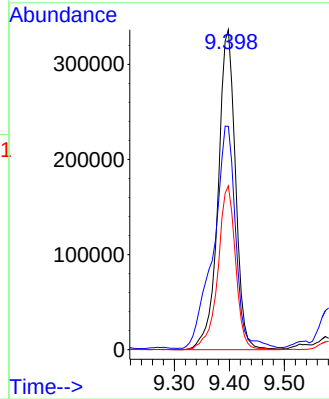
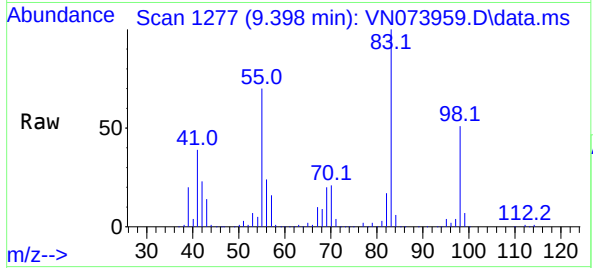




#39
Methylcyclohexane
Concen: 67.663 ug/l
RT: 9.398 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

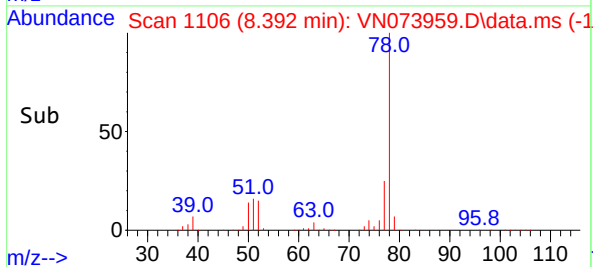
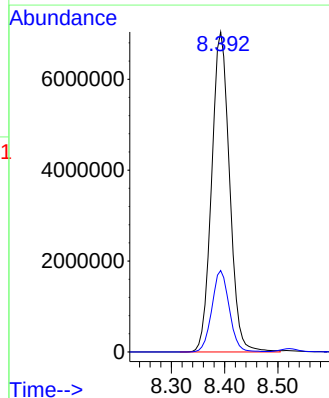
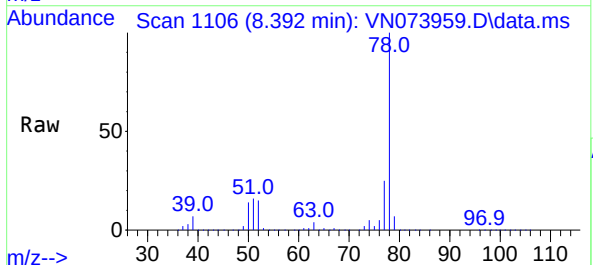
Instrument :
MSVOA_N
ClientSampleId :
MW-1

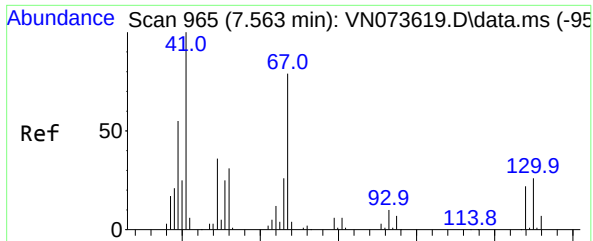
Tgt Ion: 83 Resp: 739412
Ion Ratio Lower Upper
83 100
55 69.4 57.8 86.8
98 51.2 39.4 59.2



#40
Benzene
Concen: 597.559 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 78 Resp:16448377
Ion Ratio Lower Upper
78 100
77 25.5 19.4 29.0

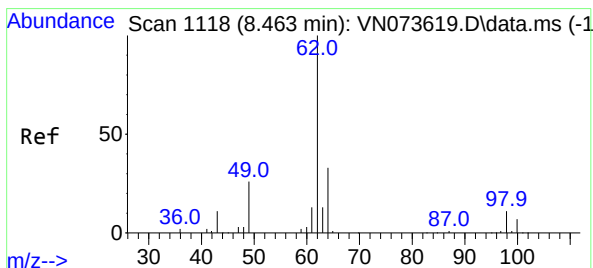
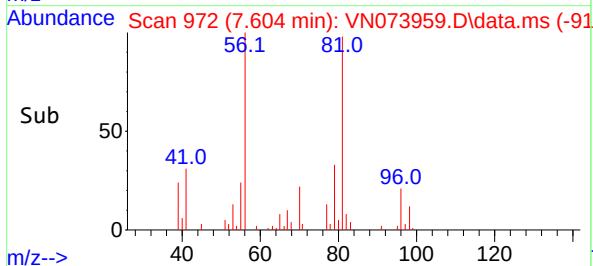
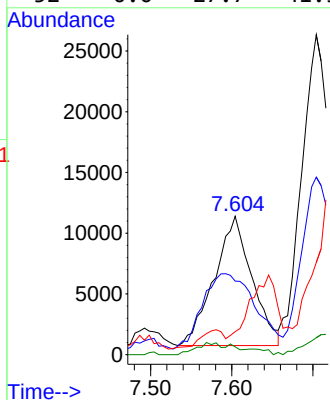
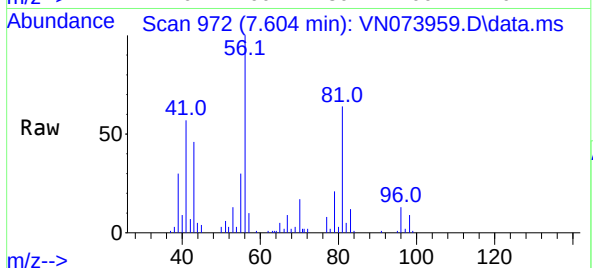




#41
Methacrylonitrile
Concen: 7.181 ug/l
RT: 7.604 min Scan# 91
Delta R.T. 0.041 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

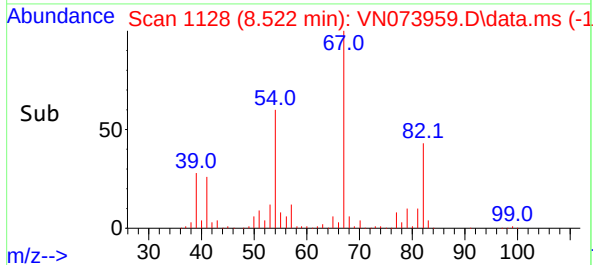
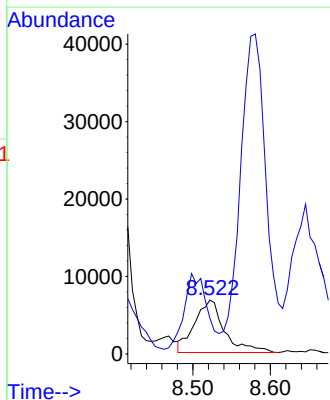
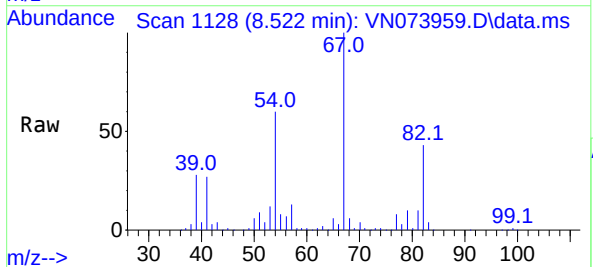
Instrument :
MSVOA_N
ClientSampleId :
MW-1

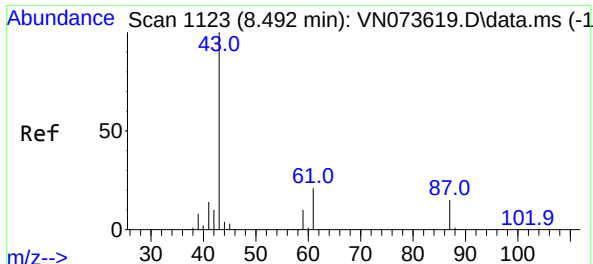
Tgt Ion: 41 Resp: 34286
Ion Ratio Lower Upper
41 100
39 81.9 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 1.912 ug/l
RT: 8.522 min Scan# 1128
Delta R.T. 0.059 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 62 Resp: 18095
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4

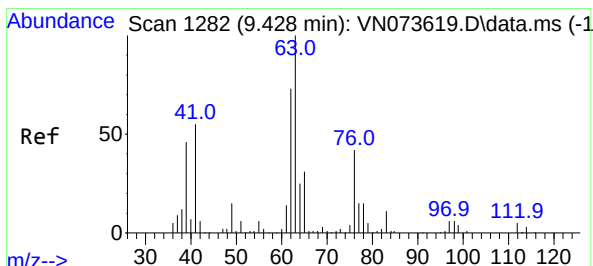
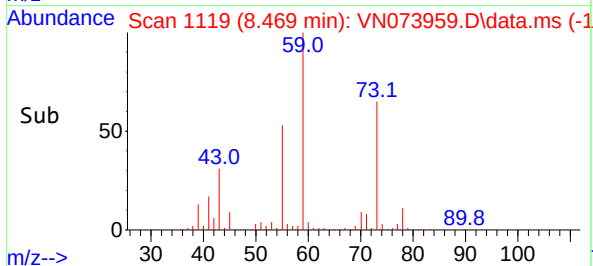
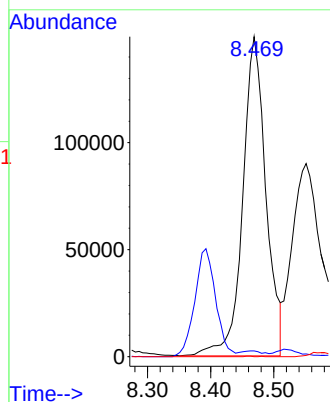
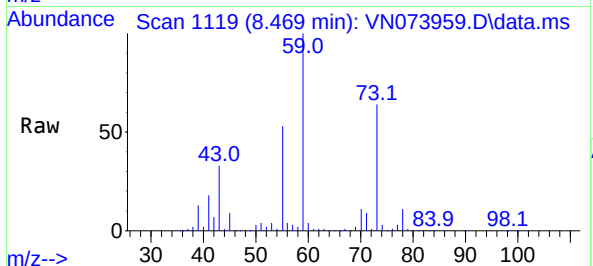




#43
Isopropyl Acetate
Concen: 25.300 ug/l
RT: 8.469 min Scan# 1119
Delta R.T. -0.023 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

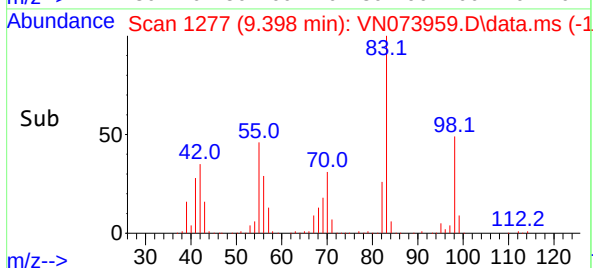
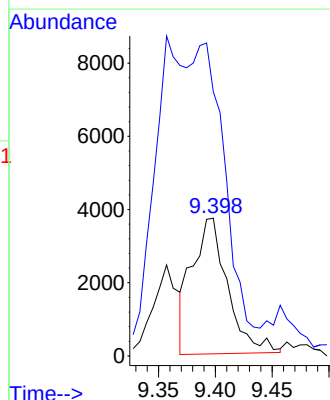
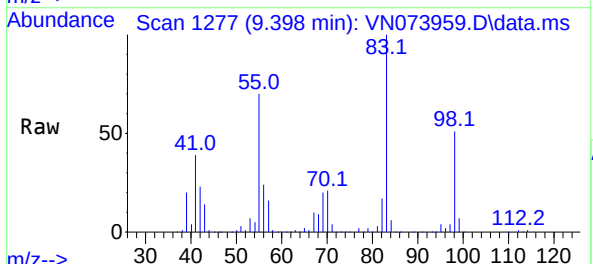
Instrument :
MSVOA_N
ClientSampleId :
MW-1

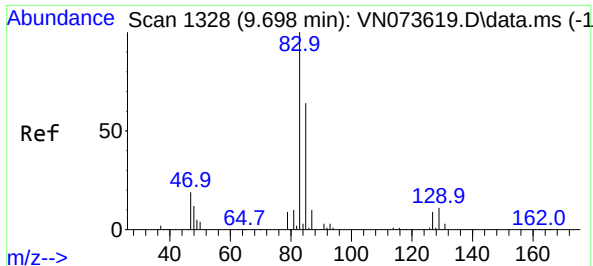
Tgt Ion: 43 Resp: 380806
Ion Ratio Lower Upper
43 100
61 1.4 21.9 32.9#
87 0.0 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 1.216 ug/l
RT: 9.398 min Scan# 1277
Delta R.T. -0.030 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 63 Resp: 8023
Ion Ratio Lower Upper
63 100
65 163.7 24.9 37.3#

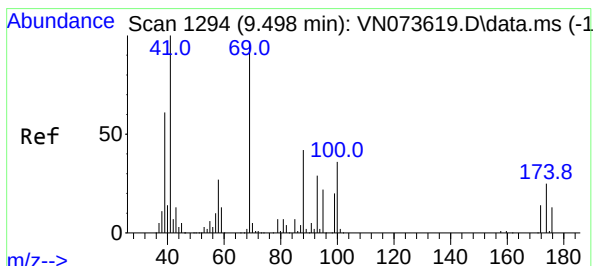
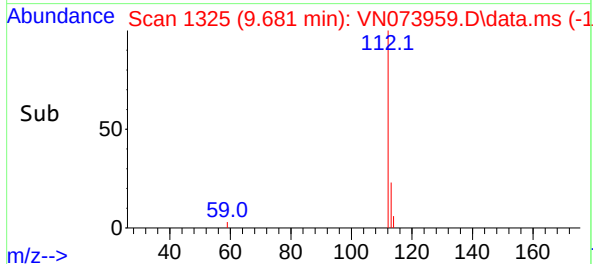
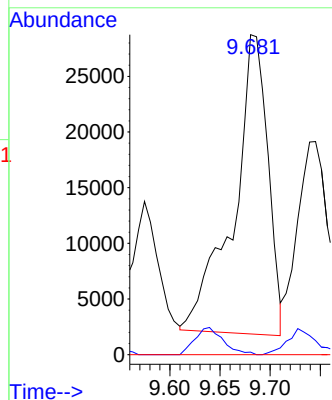
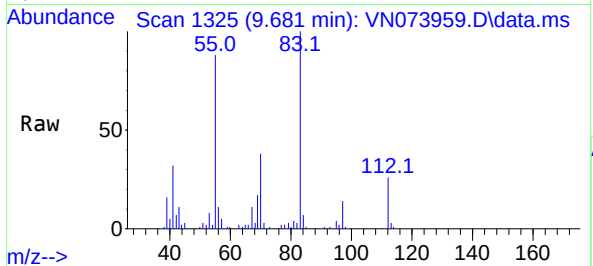




#47
Bromodichloromethane
Concen: 6.709 ug/l
RT: 9.681 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

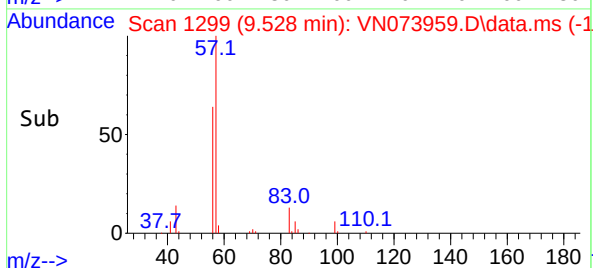
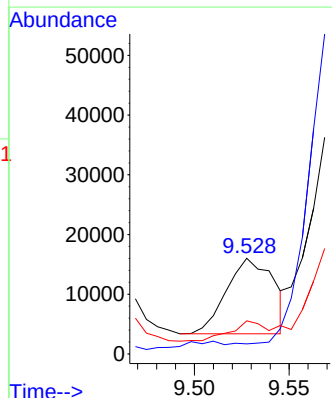
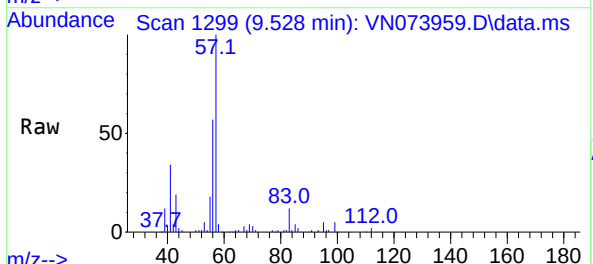
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ClientSampleId :
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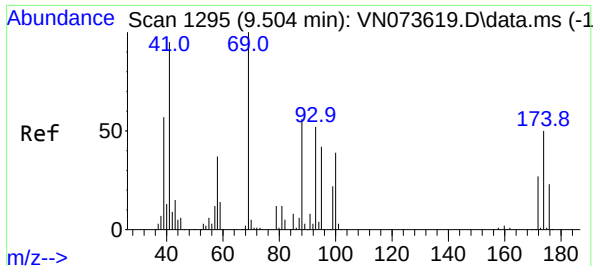
Tgt Ion: 83 Resp: 64317
Ion Ratio Lower Upper
83 100
85 0.9 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 3.402 ug/l
RT: 9.528 min Scan# 1299
Delta R.T. 0.030 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 41 Resp: 21909
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#

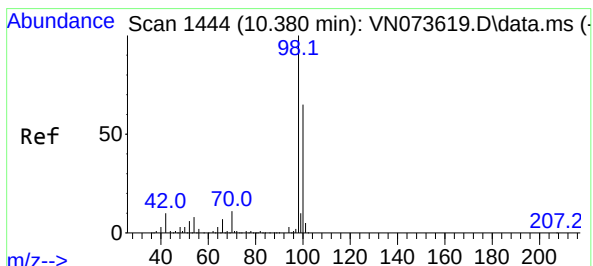
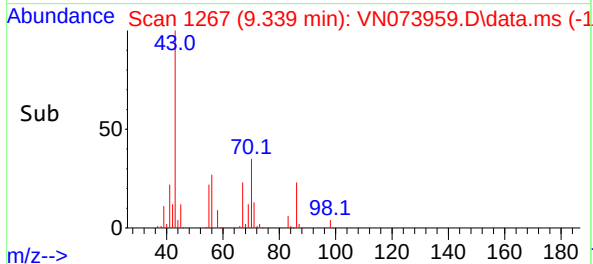
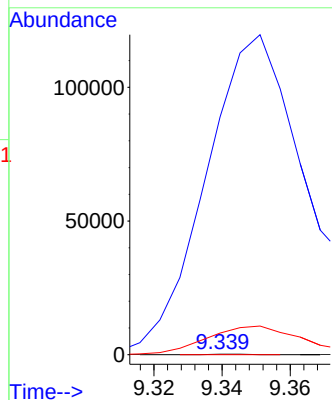
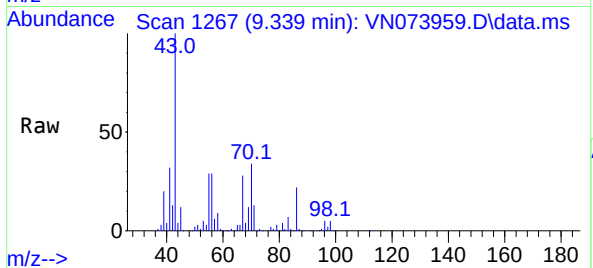




#49
1,4-Dioxane
Concen: 0.668 ug/l
RT: 9.339 min Scan# 1267
Delta R.T. -0.165 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

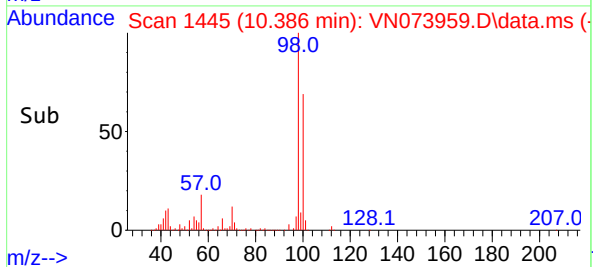
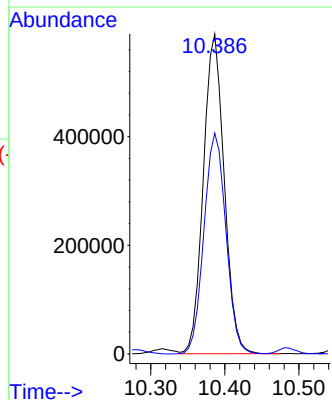
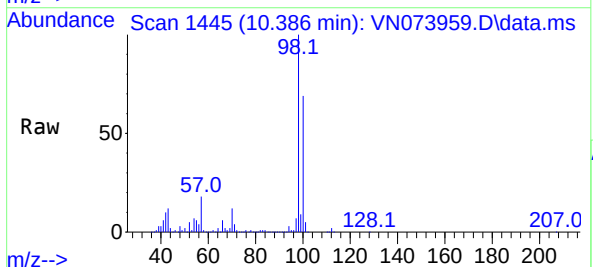
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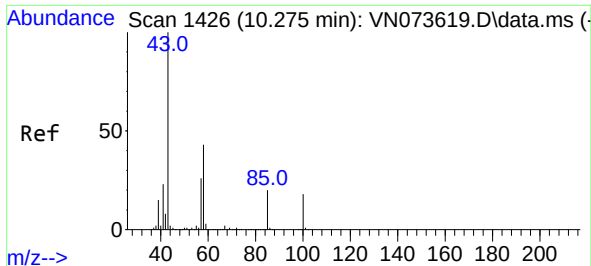
Tgt Ion: 88 Resp: 128
Ion Ratio Lower Upper
88 100
43 185596.1 20.2 30.4#
58 17446.1 54.2 81.4#



#50
Toluene-d8
Concen: 47.362 ug/l
RT: 10.386 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 98 Resp: 1151756
Ion Ratio Lower Upper
98 100
100 72.7 52.6 78.8

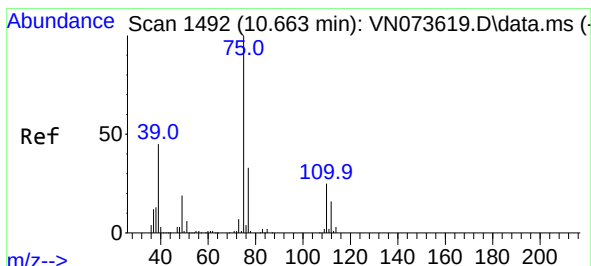
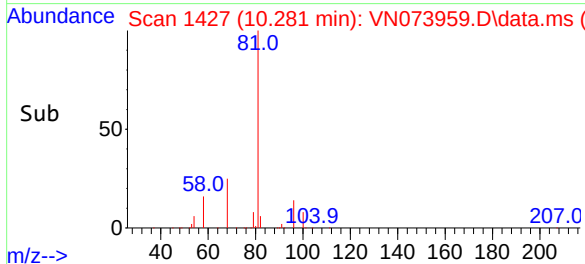
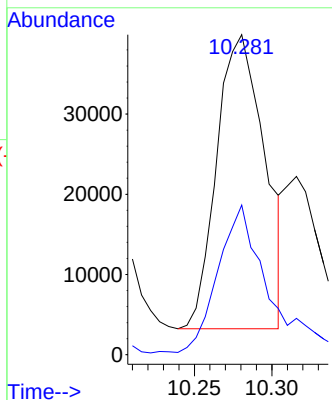
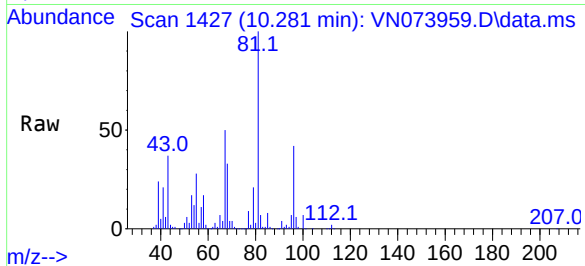




#51
4-Methyl-2-Pentanone
Concen: 7.749 ug/l
RT: 10.281 min Scan# 1427
Delta R.T. 0.005 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

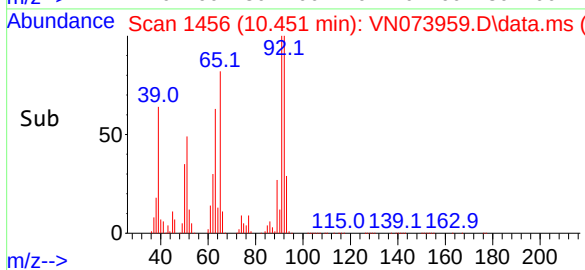
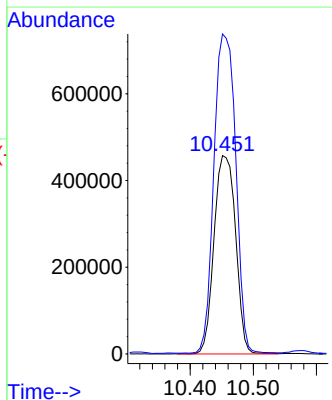
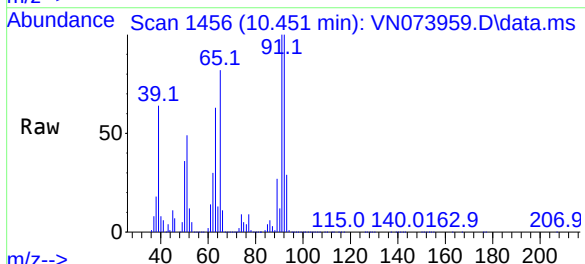
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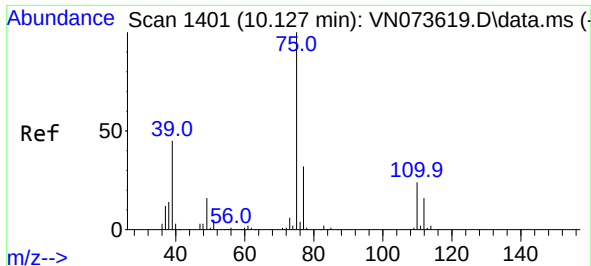
Tgt Ion: 43 Resp: 78859
Ion Ratio Lower Upper
43 100
58 53.0 34.1 51.1#



#53
t-1,3-Dichloropropene
Concen: 107.772 ug/l
RT: 10.451 min Scan# 1456
Delta R.T. -0.212 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 75 Resp: 1084237
Ion Ratio Lower Upper
75 100
77 160.9 25.6 38.4#

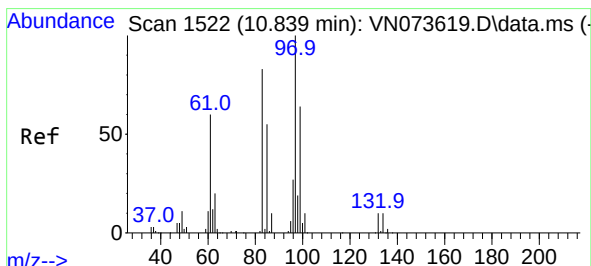
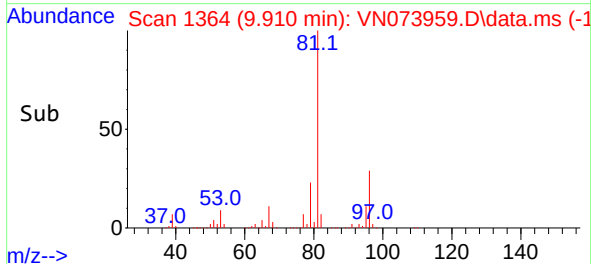
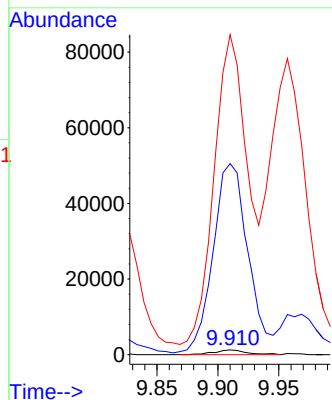
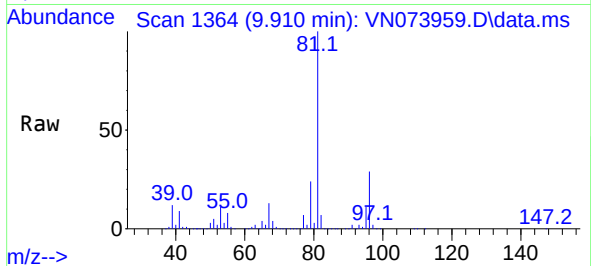




#54
 cis-1,3-Dichloropropene
 Concen: 0.212 ug/l
 RT: 9.910 min Scan# 11
 Delta R.T. -0.217 min
 Lab File: VN073959.D
 Acq: 16 Aug 2022 19:29

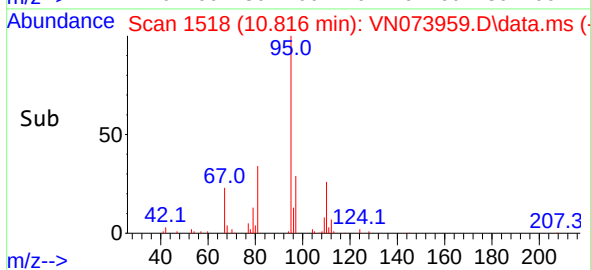
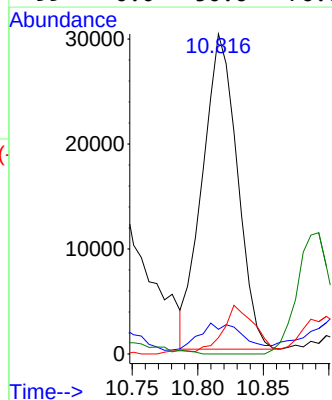
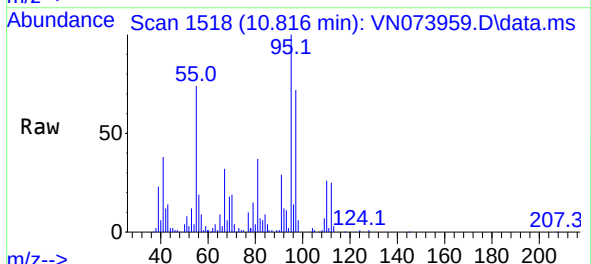
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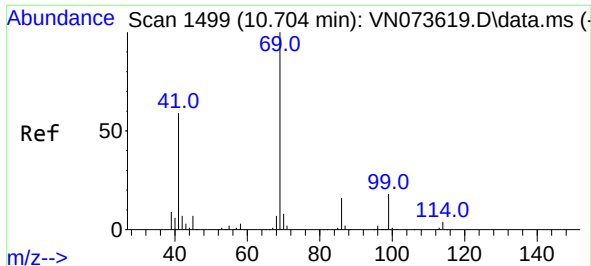
Tgt Ion: 75 Resp: 2334
 Ion Ratio Lower Upper
 75 100
 77 3858.9 25.2 37.8#
 39 6352.7 35.7 53.5#



#55
 1,1,2-Trichloroethane
 Concen: 7.558 ug/l
 RT: 10.816 min Scan# 1518
 Delta R.T. -0.023 min
 Lab File: VN073959.D
 Acq: 16 Aug 2022 19:29

Tgt Ion: 97 Resp: 55493
 Ion Ratio Lower Upper
 97 100
 83 6.2 66.2 99.4#
 85 4.2 43.9 65.9#
 99 0.0 50.6 76.0#

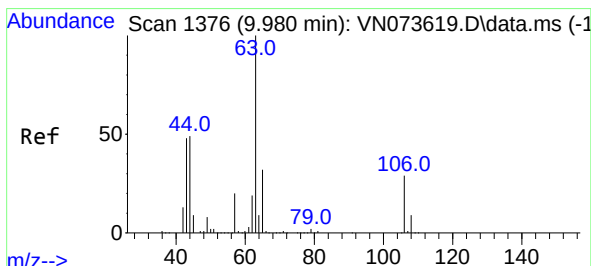
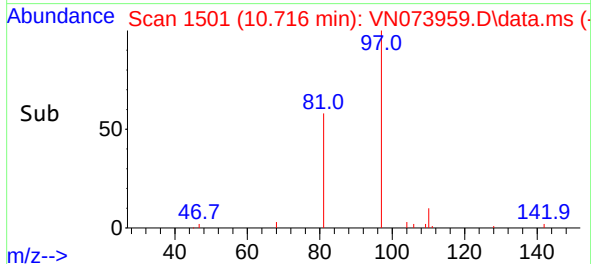
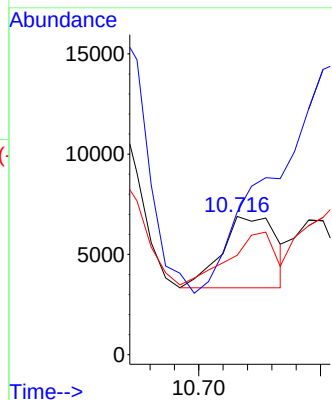
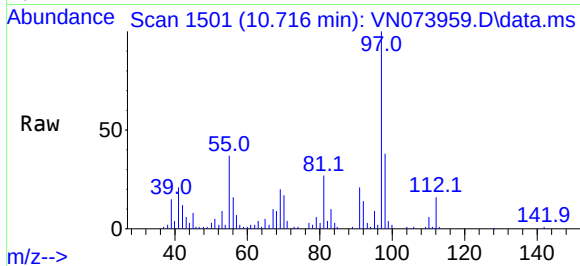




#56
Ethyl methacrylate
Concen: 0.531 ug/l
RT: 10.716 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

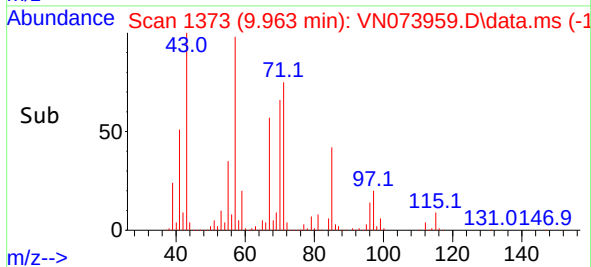
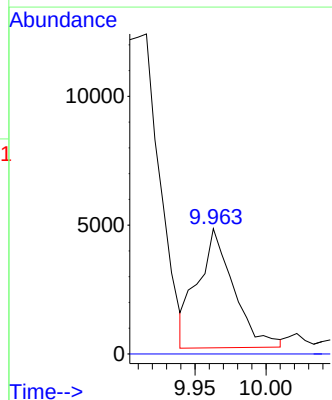
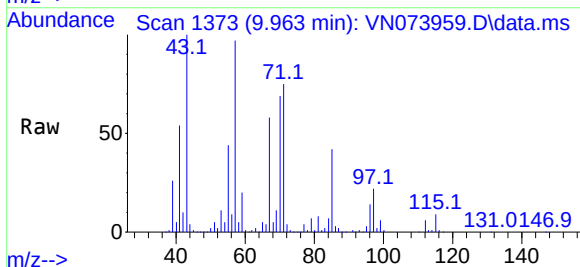
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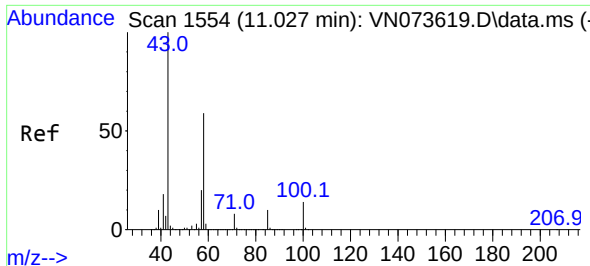
Tgt Ion: 69 Resp: 5560
Ion Ratio Lower Upper
69 100
41 0.0 47.8 71.6#
39 0.0 27.3 40.9#



#58
2-Chloroethyl Vinyl ether
Concen: 1.664 ug/l
RT: 9.963 min Scan# 1373
Delta R.T. -0.017 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 63 Resp: 8134
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

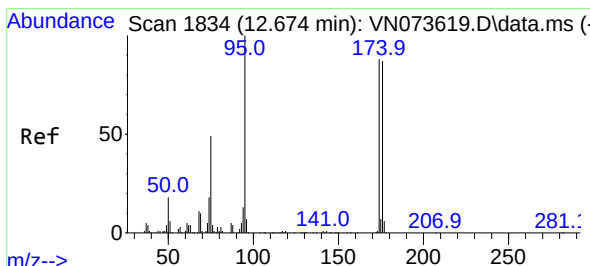
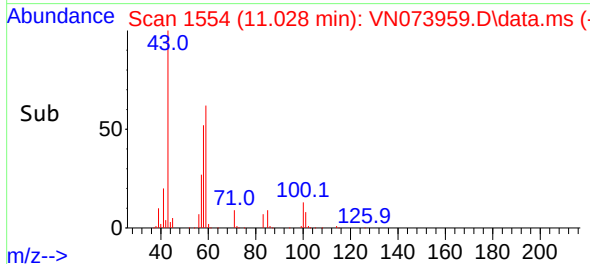
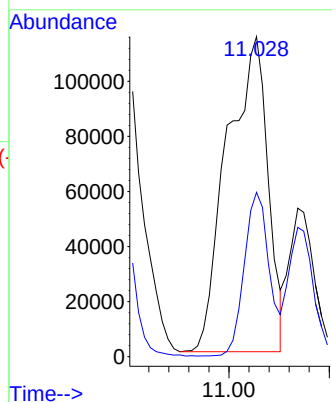
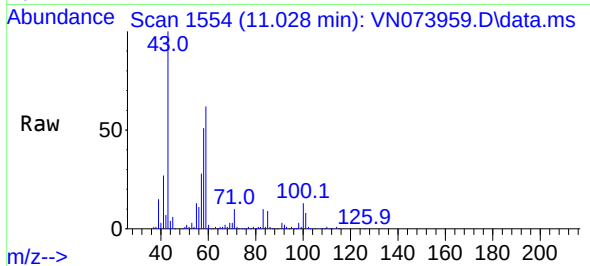




#59
2-Hexanone
Concen: 41.195 ug/l
RT: 11.028 min Scan# 1154
Delta R.T. 0.001 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

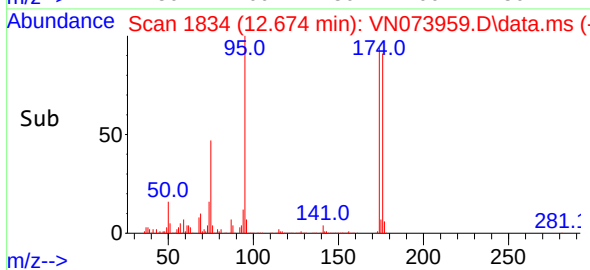
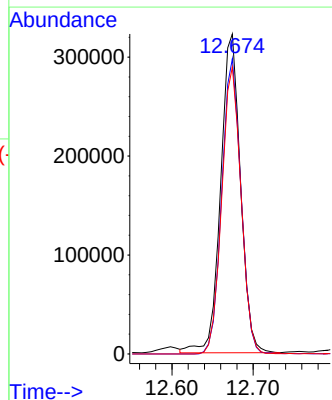
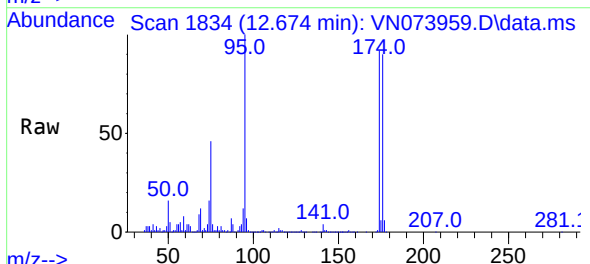
Instrument :
MSVOA_N
ClientSampleId :
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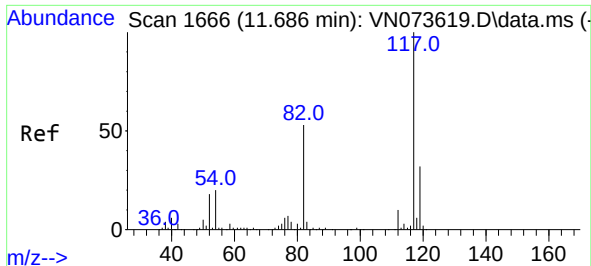
Tgt Ion: 43 Resp: 322639
Ion Ratio Lower Upper
43 100
58 32.3 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 67.848 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 95 Resp: 547581
Ion Ratio Lower Upper
95 100
174 89.2 0.0 167.6
176 87.4 0.0 163.4

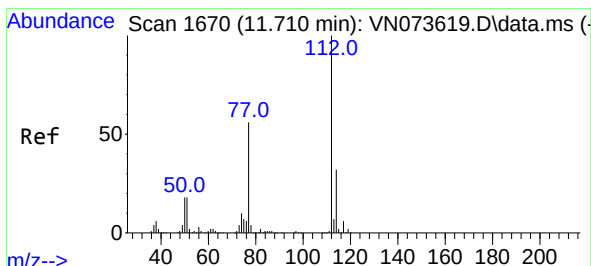
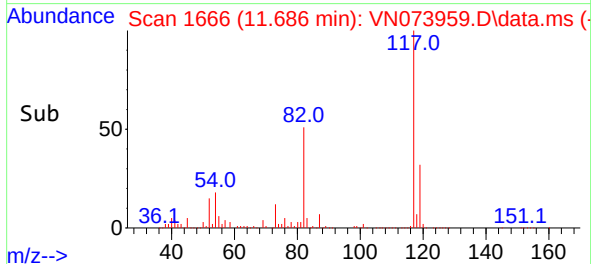
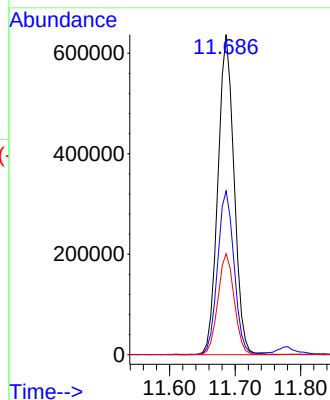
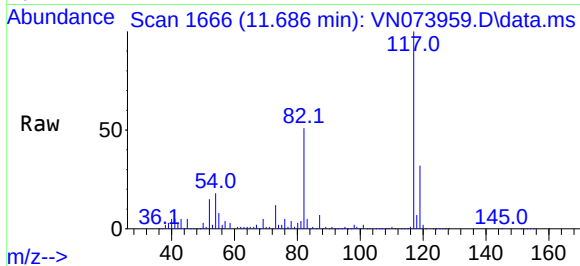




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

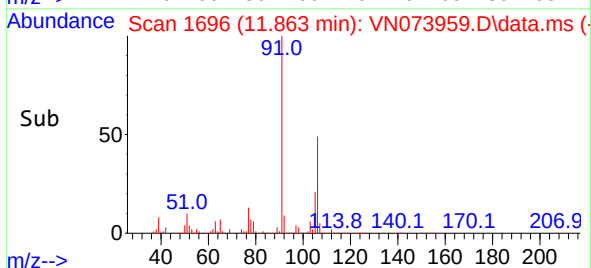
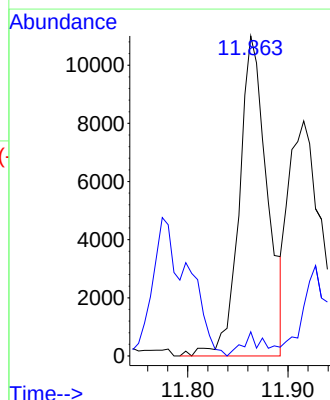
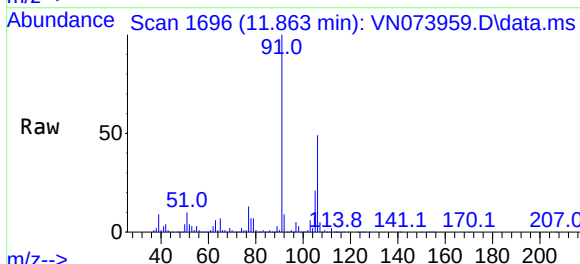
Instrument :
MSVOA_N
ClientSampleId :
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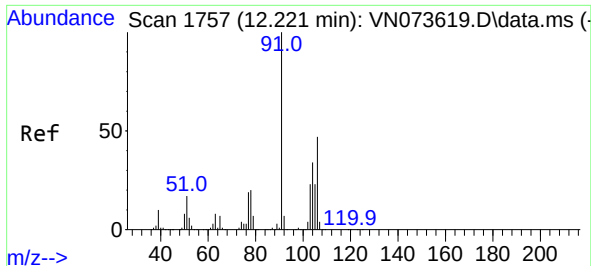
Tgt Ion:117 Resp: 1084496
Ion Ratio Lower Upper
117 100
82 51.0 44.2 66.2
119 31.5 25.4 38.0



#65
Chlorobenzene
Concen: 0.923 ug/l
RT: 11.863 min Scan# 1696
Delta R.T. 0.153 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion:112 Resp: 21278
Ion Ratio Lower Upper
112 100
114 4.8 25.4 38.2#

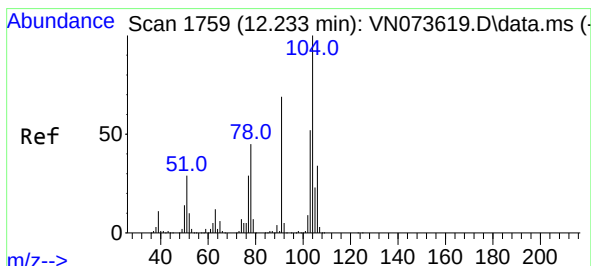
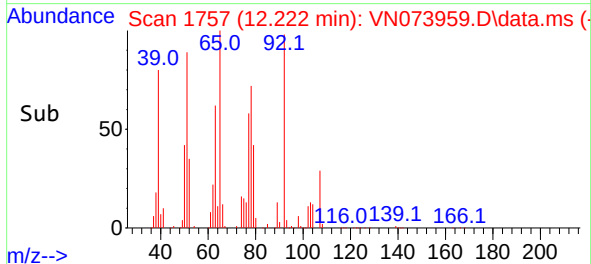
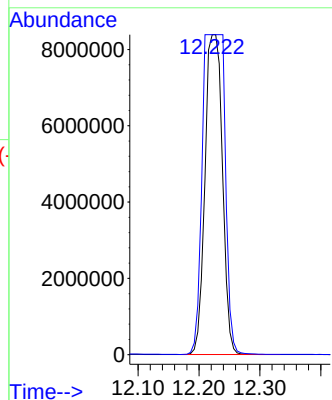
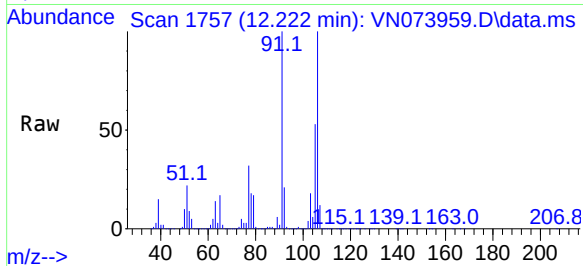




#69
o-Xylene
Concen: 1061.932 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

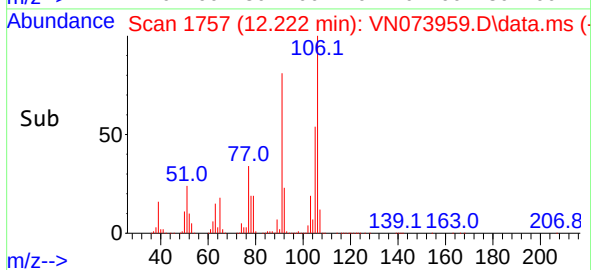
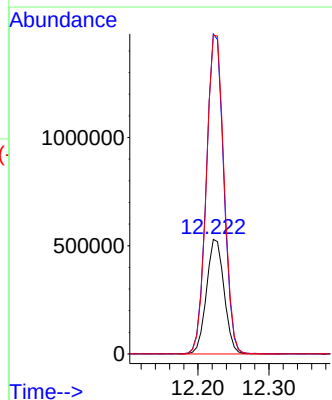
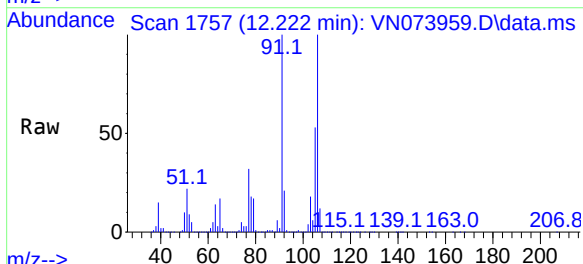
Instrument :
MSVOA_N
ClientSampleId :
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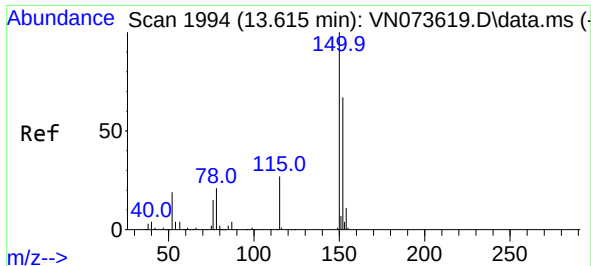
Tgt Ion:106 Resp:16584863
Ion Ratio Lower Upper
106 100
91 0.0 106.0 318.0#



#70
Styrene
Concen: 37.350 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. -0.011 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion:104 Resp: 913235
Ion Ratio Lower Upper
104 100
78 276.2 39.5 59.3#
103 279.3 44.0 66.0#

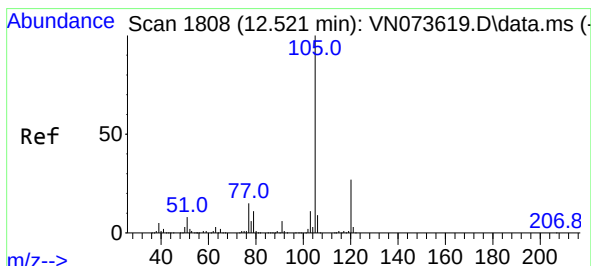
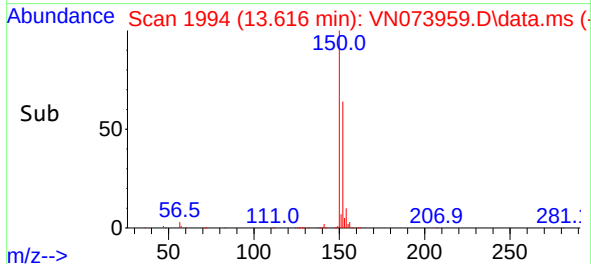
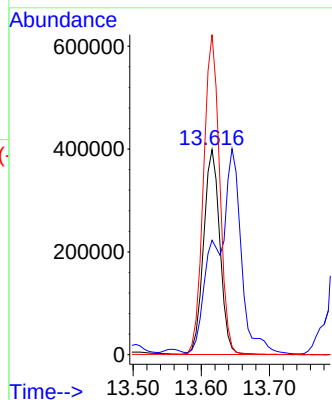
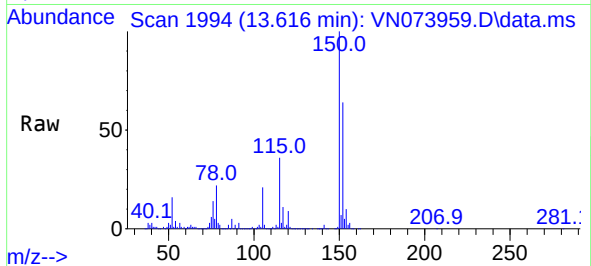




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

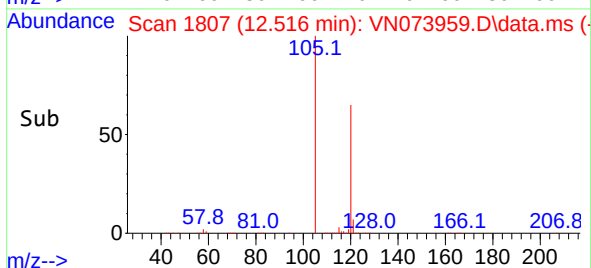
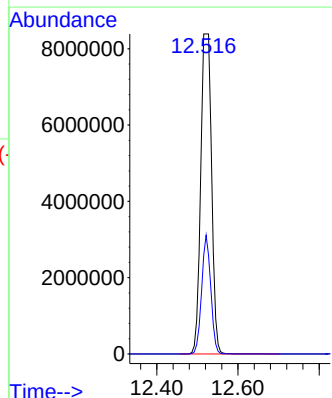
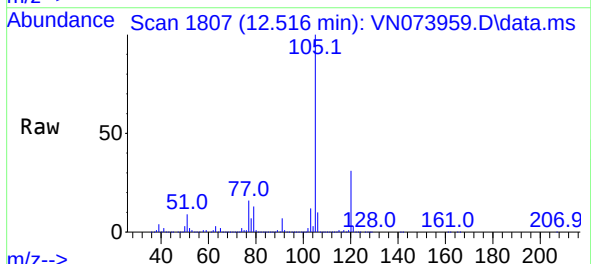
Instrument :
MSVOA_N
ClientSampleId :
MW-1

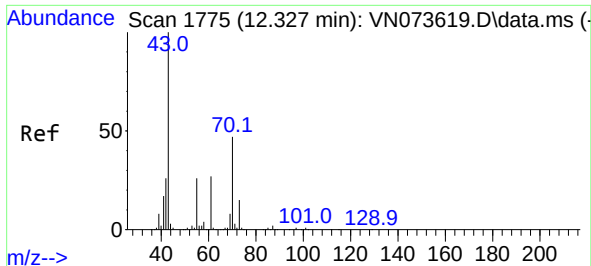
Tgt Ion:152 Resp: 662209
Ion Ratio Lower Upper
152 100
115 54.9 28.9 86.7
150 154.5 0.0 356.2



#73
Isopropylbenzene
Concen: 325.179 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.005 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion:105 Resp:15680133
Ion Ratio Lower Upper
105 100
120 31.0 13.5 40.4

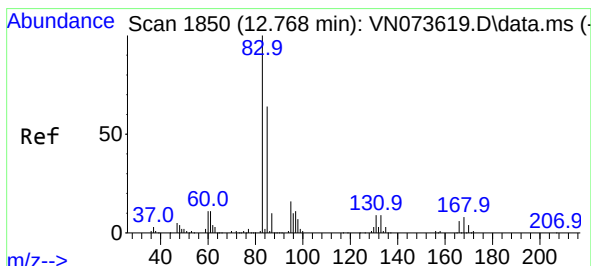
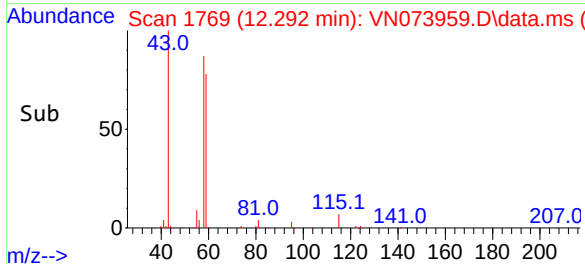
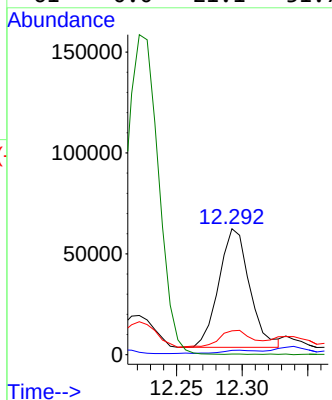
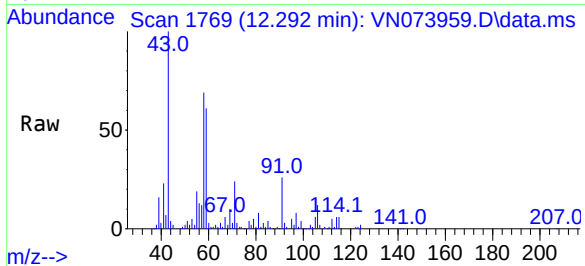




#74
N-amy1 acetate
Concen: 5.242 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

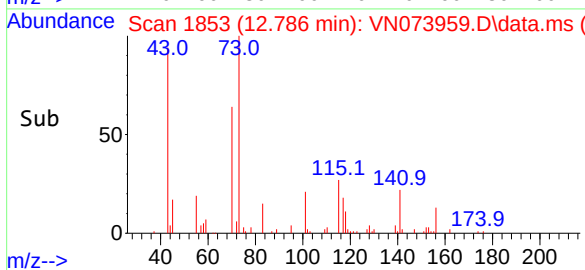
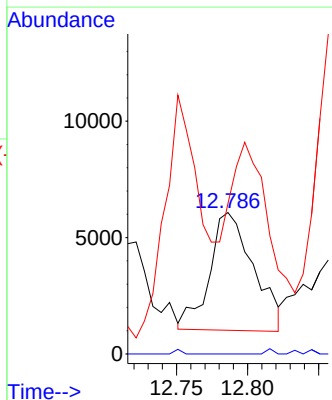
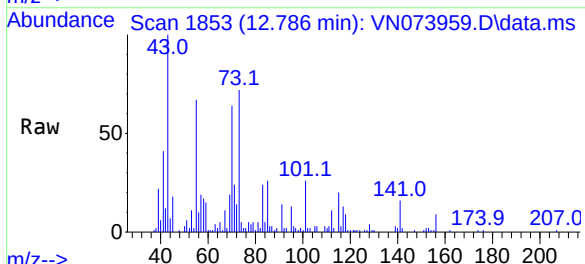
Instrument :
MSVOA_N
ClientSampleId :
MW-1

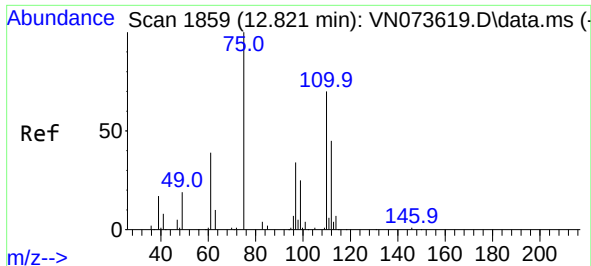
Tgt Ion:	43	Resp:	95550
Ion	Ratio	Lower	Upper
43	100		
70	3.3	39.0	58.4#
55	14.1	21.1	31.7#
61	0.0	21.1	31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.673 ug/l
RT: 12.786 min Scan# 1853
Delta R.T. 0.018 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion:	83	Resp:	10883
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.9#
85	150.4	32.3	96.9#

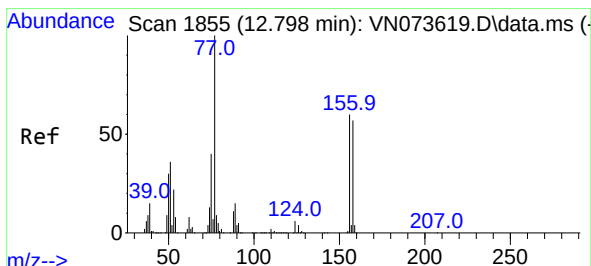
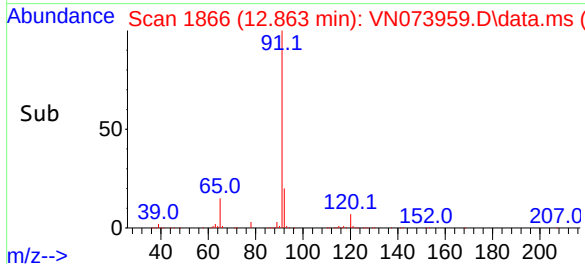
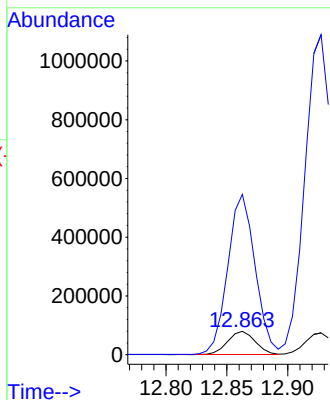
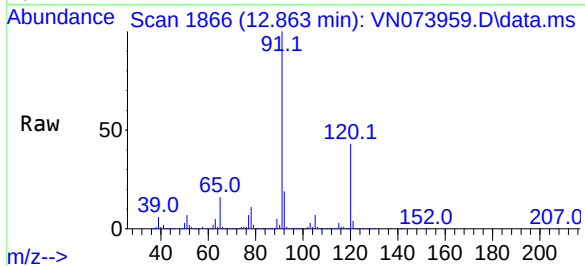




#76
1,2,3-Trichloropropane
Concen: 9.084 ug/l
RT: 12.863 min Scan# 1836
Delta R.T. 0.042 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

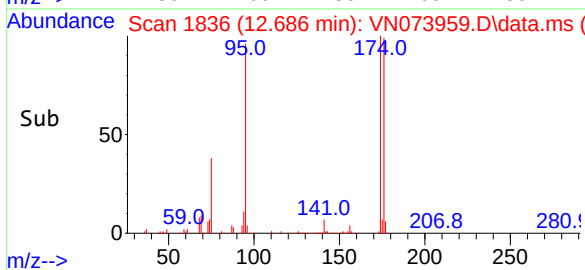
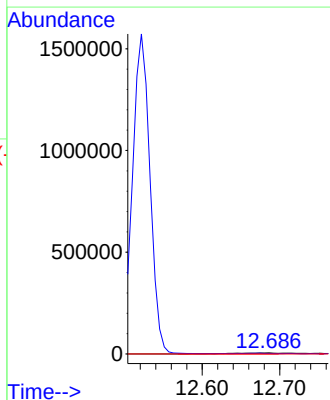
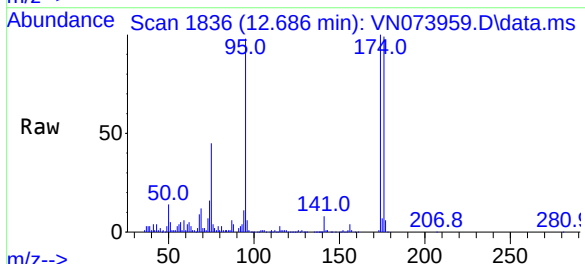
Instrument :
MSVOA_N
ClientSampleId :
MW-1

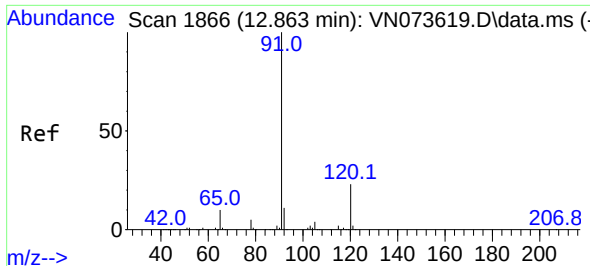
Tgt Ion: 75 Resp: 125036
Ion Ratio Lower Upper
75 100
77 680.2 98.5 295.5#



#77
Bromobenzene
Concen: 1.569 ug/l
RT: 12.686 min Scan# 1836
Delta R.T. -0.112 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion:156 Resp: 20474
Ion Ratio Lower Upper
156 100
77 0.0 100.5 301.5#
158 0.3 48.9 146.6#

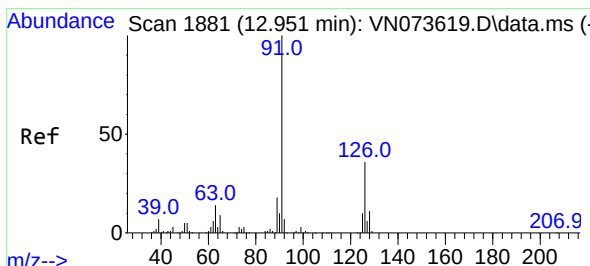
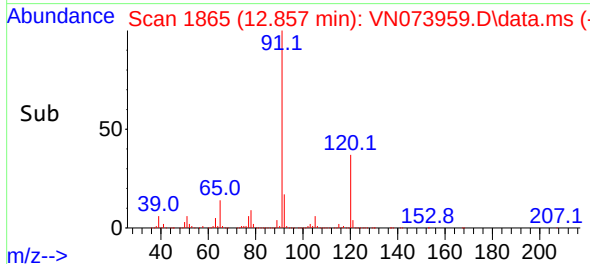
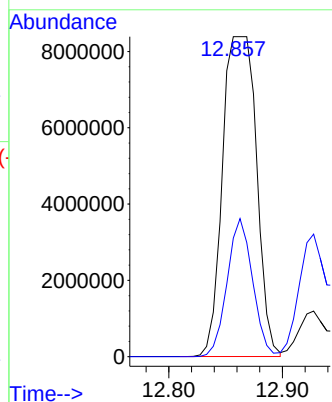
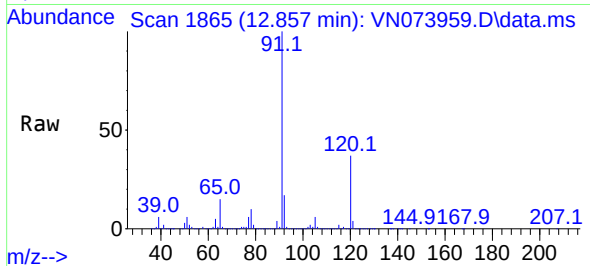




#78
n-propylbenzene
Concen: 338.629 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

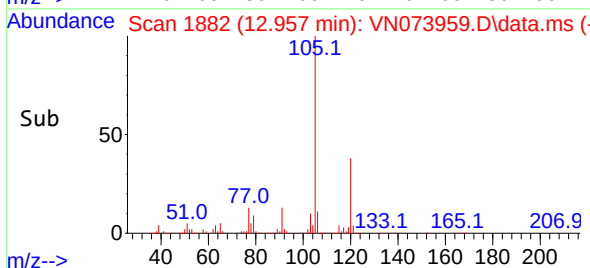
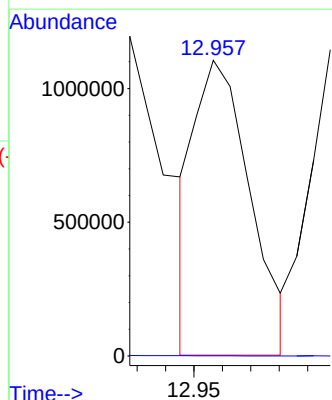
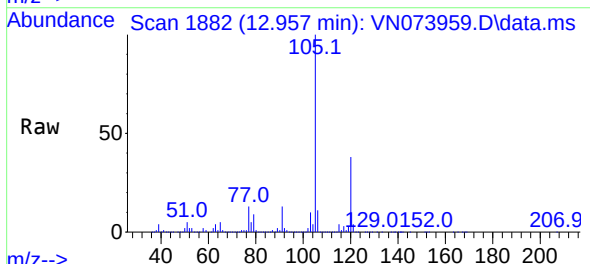
Instrument :
MSVOA_N
ClientSampleId :
MW-1

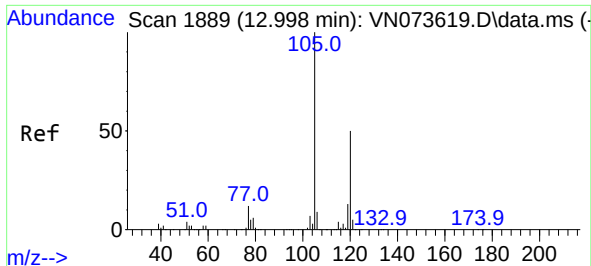
Tgt Ion: 91 Resp:17405593
Ion Ratio Lower Upper
91 100
120 32.3 11.9 35.5



#79
2-Chlorotoluene
Concen: 46.995 ug/l
RT: 12.957 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 91 Resp: 1505308
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

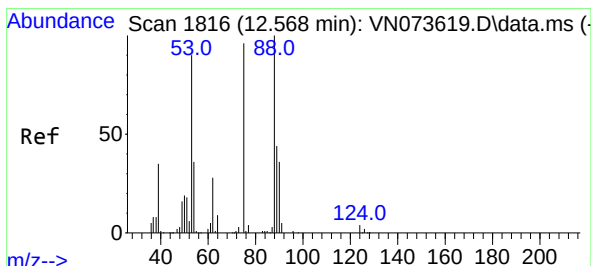
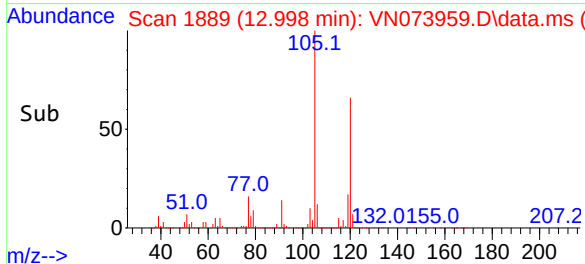
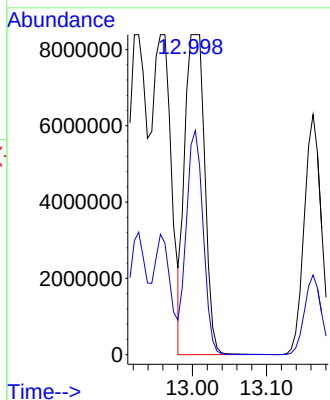
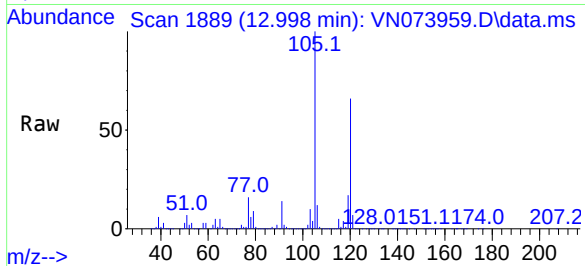




#80
1,3,5-Trimethylbenzene
Concen: 400.748 ug/l
RT: 12.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

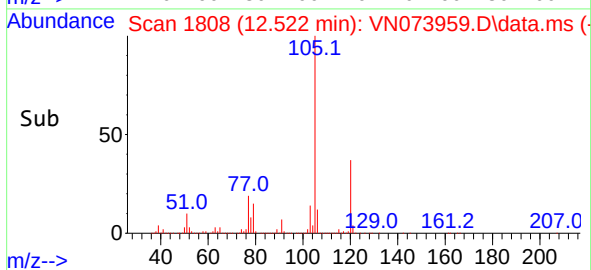
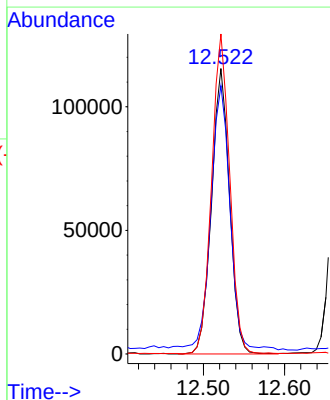
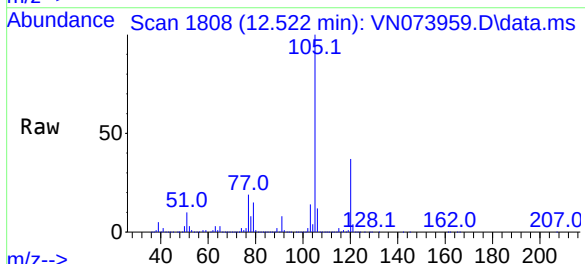
Instrument :
MSVOA_N
ClientSampleId :
MW-1

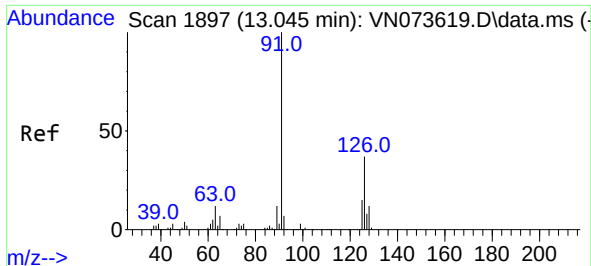
Tgt Ion:105 Resp:15717913
Ion Ratio Lower Upper
105 100
120 59.0 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 36.916 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. -0.046 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 75 Resp: 178648
Ion Ratio Lower Upper
75 100
53 94.4 78.0 117.0
89 112.5 37.2 55.8#

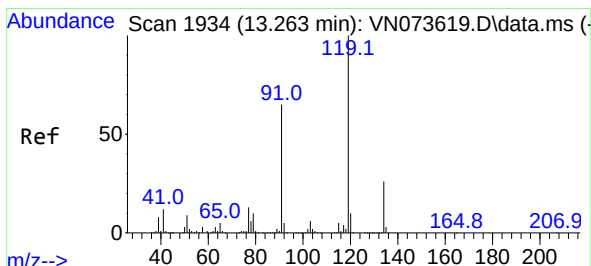
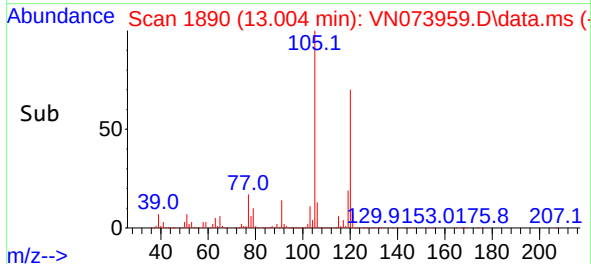
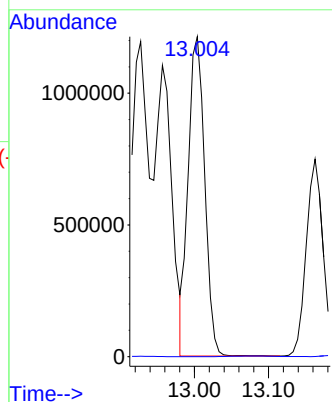
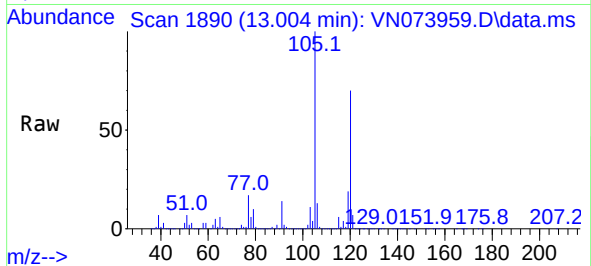




#82
4-Chlorotoluene
Concen: 61.635 ug/l
RT: 13.004 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

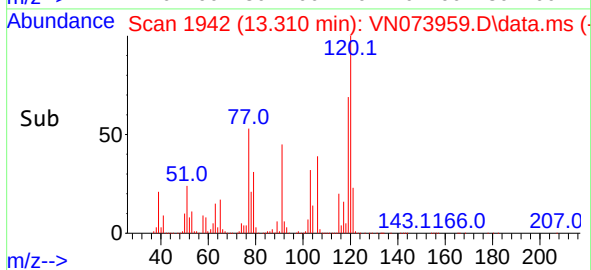
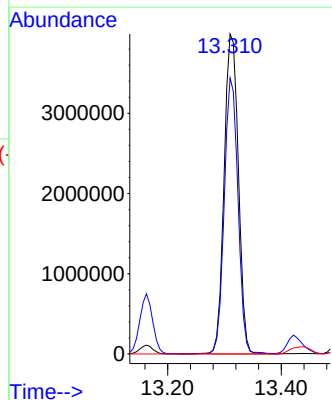
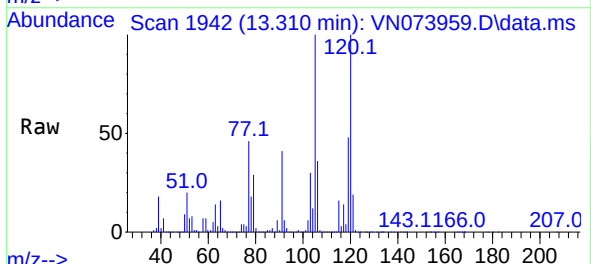
Instrument :
MSVOA_N
ClientSampleId :
MW-1

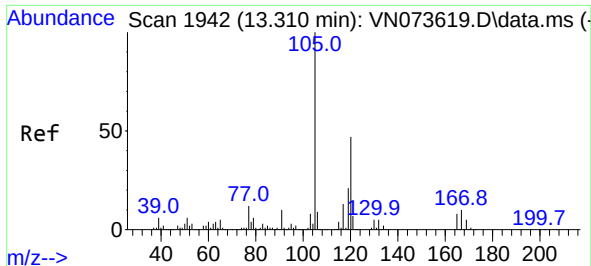
Tgt Ion: 91 Resp: 1875110
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 192.892 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.047 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 119 Resp: 6961905
Ion Ratio Lower Upper
119 100
91 83.0 31.6 94.8
134 0.0 13.7 41.1#

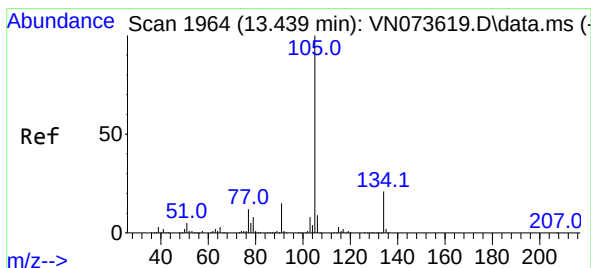
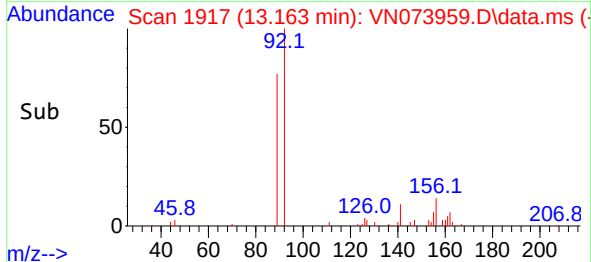
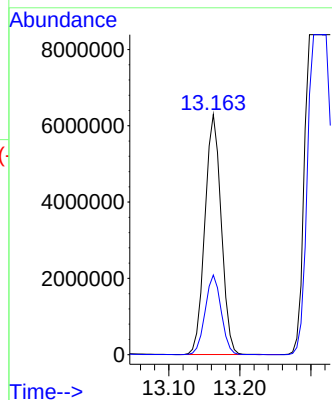
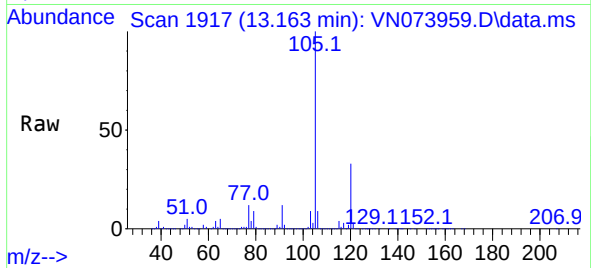




#84
1,2,4-Trimethylbenzene
Concen: 256.623 ug/l
RT: 13.163 min Scan# 1942
Delta R.T. -0.147 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

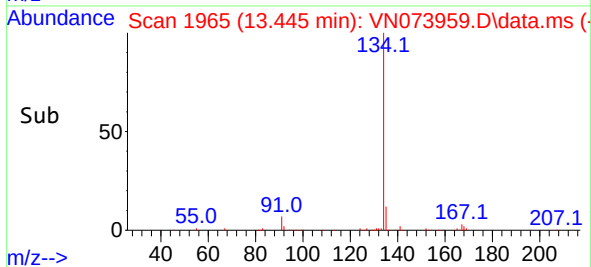
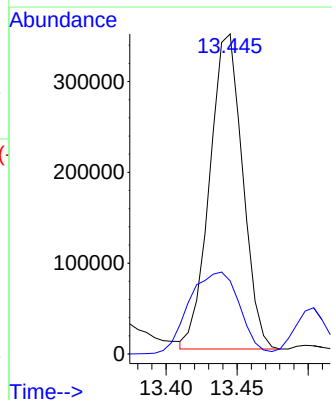
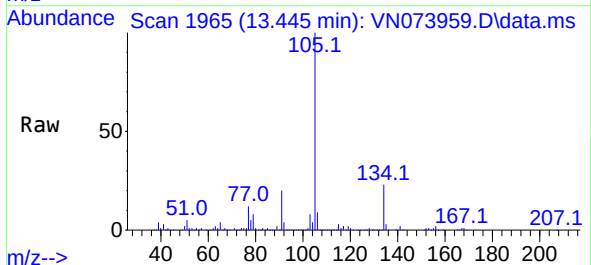
Instrument :
MSVOA_N
ClientSampleId :
MW-1

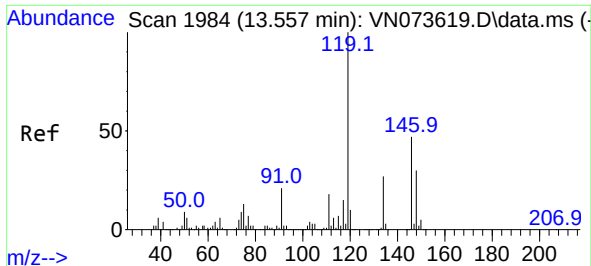
Tgt Ion:105 Resp:10051170
Ion Ratio Lower Upper
105 100
120 32.5 23.3 69.8



#85
sec-Butylbenzene
Concen: 11.975 ug/l
RT: 13.445 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion:105 Resp: 560252
Ion Ratio Lower Upper
105 100
134 39.7 10.4 31.1#

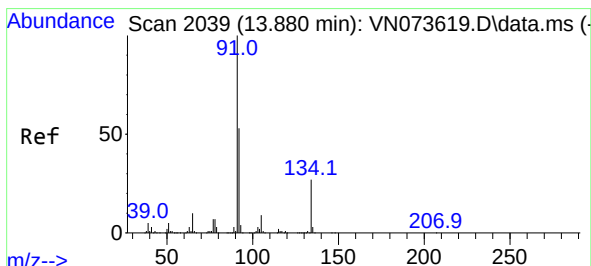
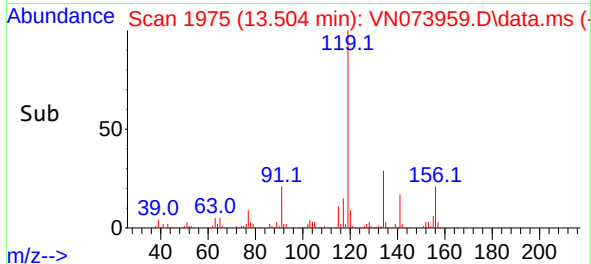
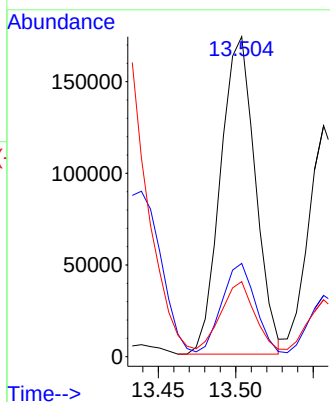
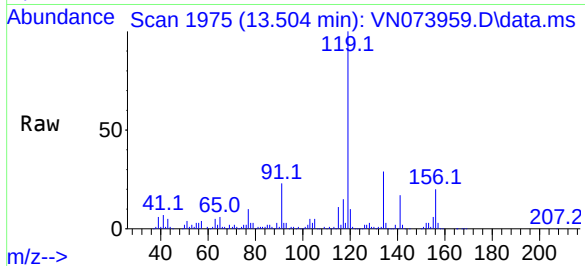




#86
p-Isopropyltoluene
Concen: 6.785 ug/l
RT: 13.504 min Scan# 1984
Delta R.T. -0.053 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

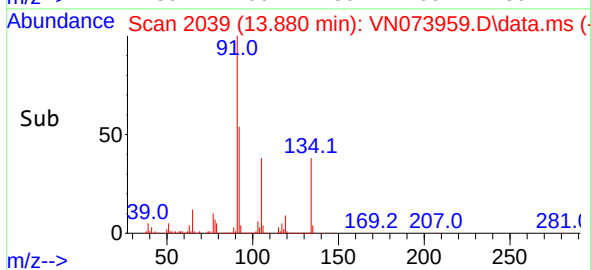
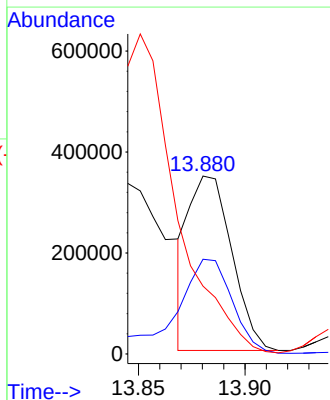
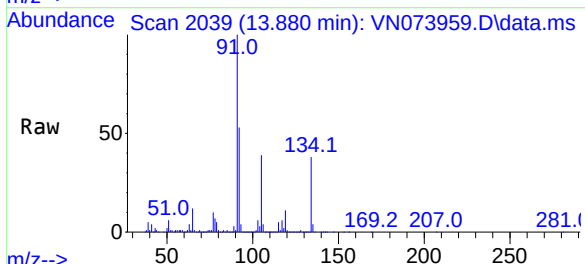
Instrument :
MSVOA_N
ClientSampleId :
MW-1

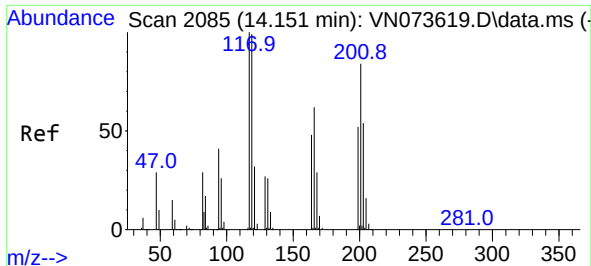
Tgt Ion:119 Resp: 270434
Ion Ratio Lower Upper
119 100
134 29.4 13.3 39.8
91 0.0 11.3 33.9#



#89
n-Butylbenzene
Concen: 15.355 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 91 Resp: 484749
Ion Ratio Lower Upper
91 100
92 65.2 26.9 80.7
134 0.0 13.6 40.8#

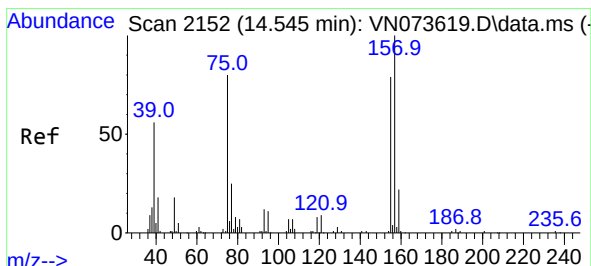
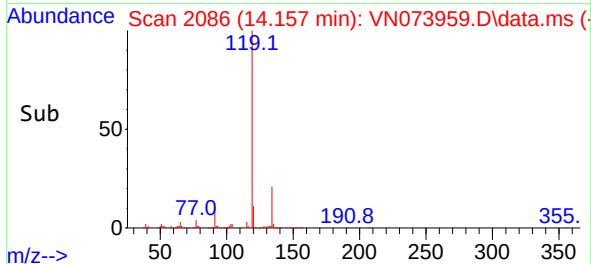
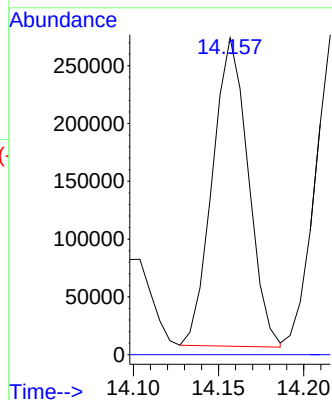
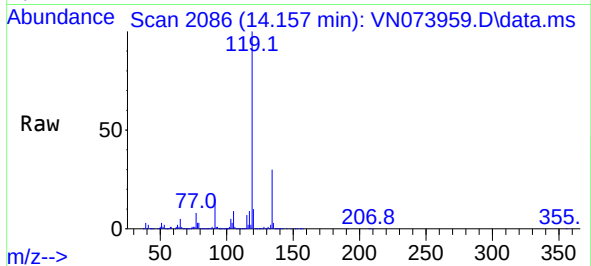




#90
Hexachloroethane
Concen: 53.371 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

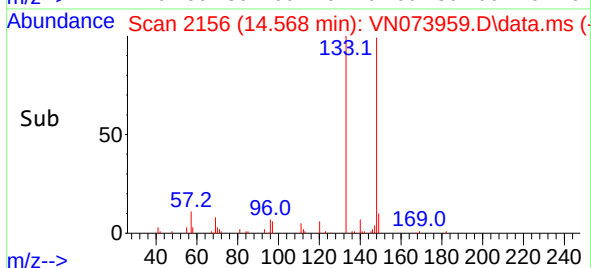
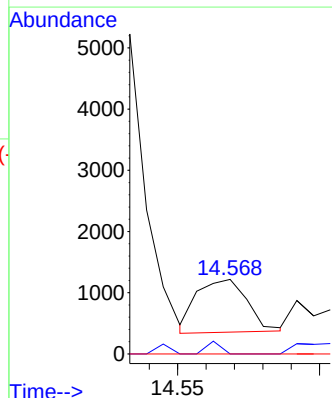
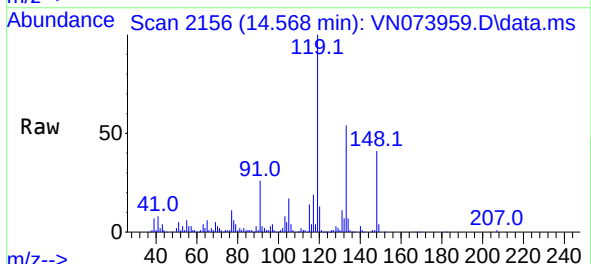
Instrument :
MSVOA_N
ClientSampleId :
MW-1

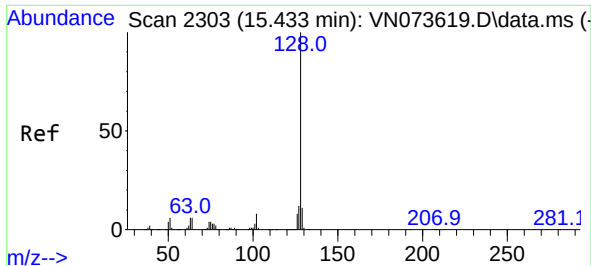
Tgt Ion:117 Resp: 388822
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.280 ug/l
RT: 14.568 min Scan# 2156
Delta R.T. 0.023 min
Lab File: VN073959.D
Acq: 16 Aug 2022 19:29

Tgt Ion: 75 Resp: 1068
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#





#95

Naphthalene

Concen: 405.316 ug/l

RT: 15.427 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN073959.D

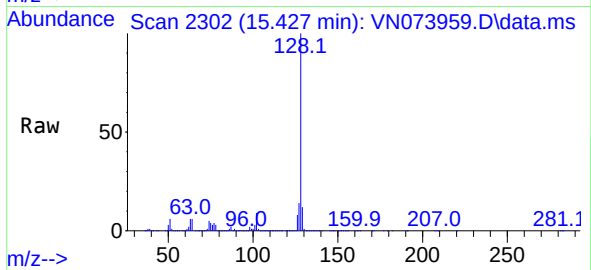
Acq: 16 Aug 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-1



Tgt Ion:128 Resp:18798074

Ion Ratio Lower Upper

128 100

127 15.0 10.3 15.5

129 12.9 8.6 13.0

