

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073958.D
 Acq On : 16 Aug 2022 19:04
 Operator : JC\MD
 Sample : N4204-23
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Aug 17 01:20:29 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	660963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	949673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	927632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	552090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	300598	46.693	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.380%			
35) Dibromofluoromethane	7.951	113	295921	52.690	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.380%			
50) Toluene-d8	10.380	98	1032840	47.484	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.960%			
62) 4-Bromofluorobenzene	12.674	95	462637	64.087	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 128.180%#			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.298	59	46773	32.481	ug/l #	72
13) Acrolein	3.928	56	136563	135.485	ug/l #	1
14) Allyl chloride	4.881	41	193070	24.990	ug/l #	6
15) Acrylonitrile	5.533	53	52845	15.031	ug/l #	38
16) Acetone	4.186	43	806642	265.583	ug/l #	53
17) Carbon Disulfide	4.475	76	3368	0.272	ug/l #	73
18) Methyl Acetate	4.992	43	1550714	212.556	ug/l #	48
19) Methyl tert-butyl Ether	5.533	73	266875	14.205	ug/l #	1
20) Methylene Chloride	4.863	84	34561	5.393	ug/l #	3
23) Vinyl Acetate	6.380	43	56263	4.008	ug/l #	73
24) 1,1-Dichloroethane	6.380	63	24682	2.421	ug/l #	82
25) 2-Butanone	7.263	43	106423	22.098	ug/l	93
26) 2,2-Dichloropropane	7.145	77	1972	0.206	ug/l #	53
28) Bromochloromethane	7.769	49	8467	2.251	ug/l #	8
29) Tetrahydrofuran	7.610	42	4749	1.537	ug/l #	29
30) Chloroform	7.774	83	31706	2.781	ug/l	99
31) Cyclohexane	8.027	56	1217145	135.623	ug/l	95
36) 1,1-Dichloropropene	8.016	75	42950	5.506	ug/l #	64
37) Ethyl Acetate	7.263	43	106423	11.261	ug/l #	67
38) Carbon Tetrachloride	8.016	117	57167	6.411	ug/l #	16
39) Methylcyclohexane	9.398	83	756714	77.417	ug/l	97
40) Benzene	8.392	78	2629748	106.811	ug/l	99
41) Methacrylonitrile	7.598	41	30748	7.199	ug/l #	40
43) Isopropyl Acetate	8.474	43	182088	13.525	ug/l #	54
47) Bromodichloromethane	9.686	83	59965	6.993	ug/l #	26
48) Methyl methacrylate	9.533	41	14343	2.490	ug/l #	10
49) 1,4-Dioxane	9.745	88	59	0.344	ug/l #	1
51) 4-Methyl-2-Pentanone	10.274	43	39045	4.290	ug/l	94
52) Toluene	10.445	92	4369027	258.788	ug/l	98
55) 1,1,2-Trichloroethane	10.815	97	51547	7.849	ug/l #	21
56) Ethyl methacrylate	10.721	69	12280	1.311	ug/l #	76
58) 2-Chloroethyl Vinyl ether	9.963	63	5922	1.355	ug/l #	44
59) 2-Hexanone	11.151	43	38823	5.542	ug/l	75
67) Ethyl Benzene	11.898	91	11901573	363.008	ug/l #	59
68) m/p-Xylenes	11.898	106	6240725	468.478	ug/l	95
69) o-Xylene	12.221	106	517684	38.753	ug/l	97

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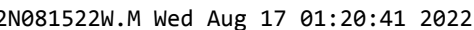
Quant Time: Aug 17 01:20:29 2022
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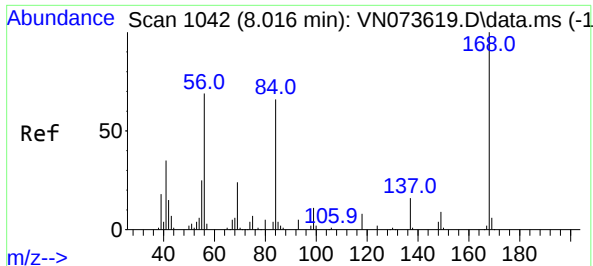
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

70) Styrene	12.221	104	26476	1.266	ug/l	#	1
73) Isopropylbenzene	12.515	105	17103120	425.435	ug/l		84
74) N-amyl acetate	12.333	43	8214	0.540	ug/l	#	47
75) 1,1,2,2-Tetrachloroethane	12.786	83	9789	0.726	ug/l	#	56
76) 1,2,3-Trichloropropane	12.862	75	153403	13.368	ug/l	#	1
78) n-propylbenzene	12.851	91	18647284	435.147	ug/l		76
79) 2-Chlorotoluene	12.851	91	18647284	698.272	ug/l	#	40
80) 1,3,5-Trimethylbenzene	13.004	105	3390142	103.676	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.521	75	225855	55.980	ug/l	#	68
82) 4-Chlorotoluene	12.851	91	18647284	735.191	ug/l	#	40
83) tert-Butylbenzene	13.309	119	902007	29.977	ug/l	#	69
84) 1,2,4-Trimethylbenzene	13.309	105	6939087	212.504	ug/l		98
85) sec-Butylbenzene	13.439	105	622475	15.959	ug/l	#	63
86) p-Isopropyltoluene	13.556	119	50532	1.521	ug/l	#	51
89) n-Butylbenzene	13.880	91	553500	21.030	ug/l	#	78
90) Hexachloroethane	14.156	117	427751	70.425	ug/l	#	9
92) 1,2-Dibromo-3-Chloropr...	14.556	75	1225	0.385	ug/l	#	1
95) Naphthalene	15.433	128	16417128	424.583	ug/l		98

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

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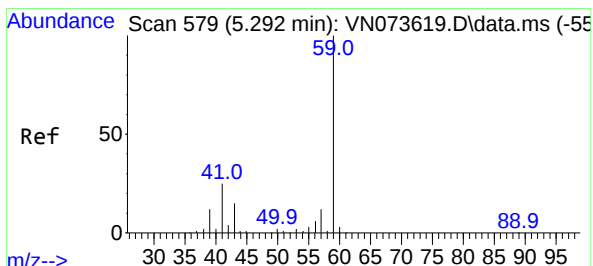
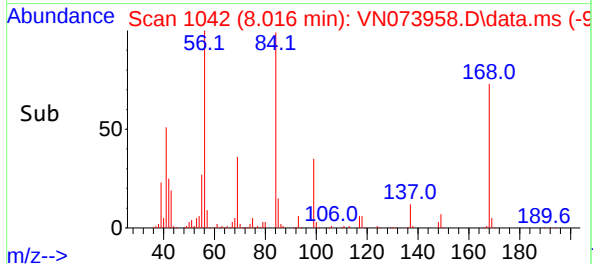
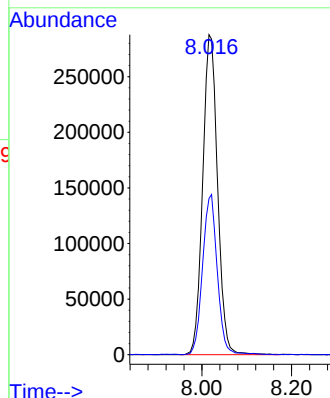
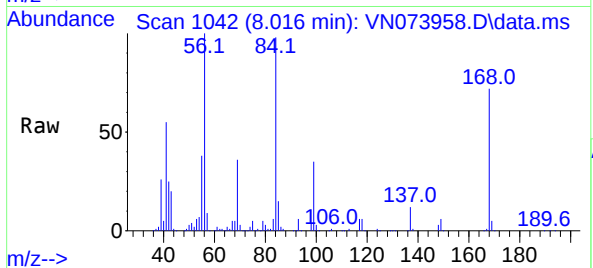




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
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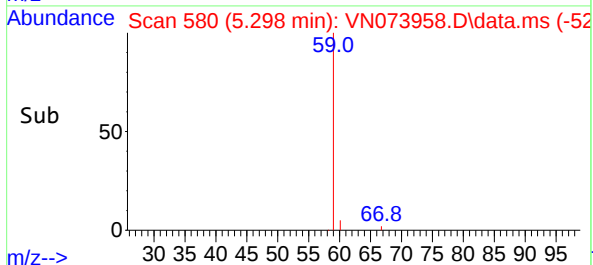
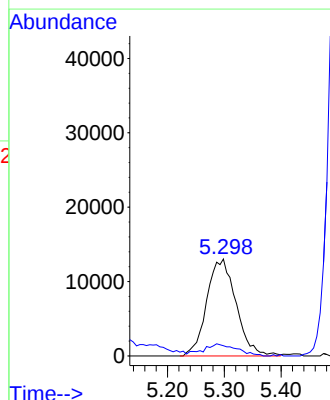
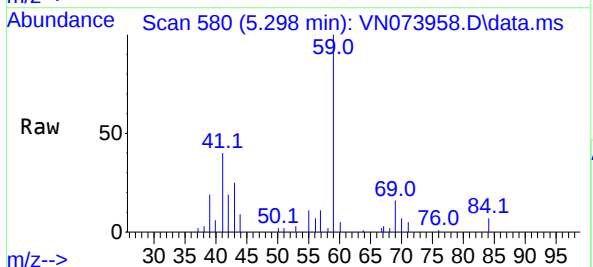
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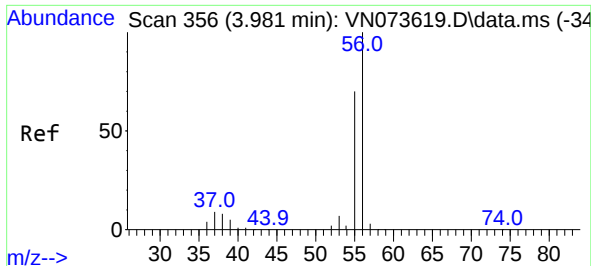
Tgt Ion:168 Resp: 660963
Ion Ratio Lower Upper
168 100
99 48.8 42.3 63.5



#11
Tert butyl alcohol
Concen: 32.481 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.006 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 59 Resp: 46773
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

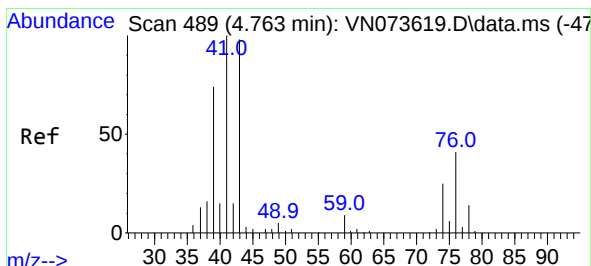
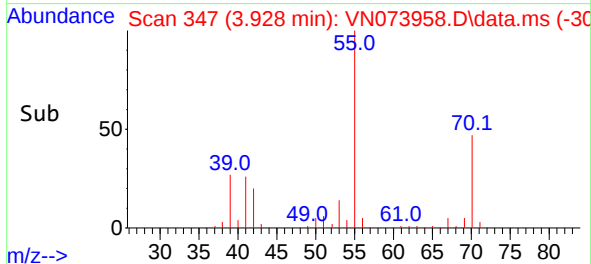
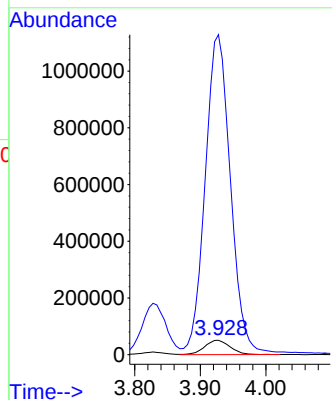
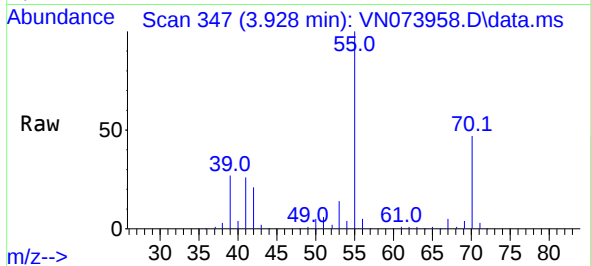




#13
Acrolein
Concen: 135.485 ug/l
RT: 3.928 min Scan# 34
Delta R.T. -0.053 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

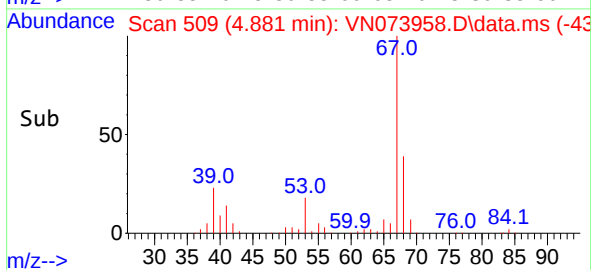
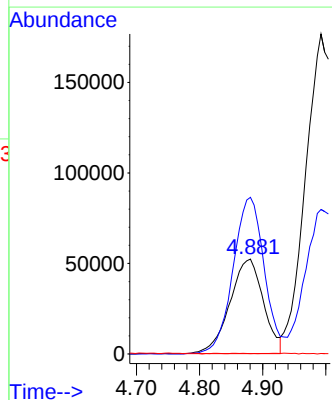
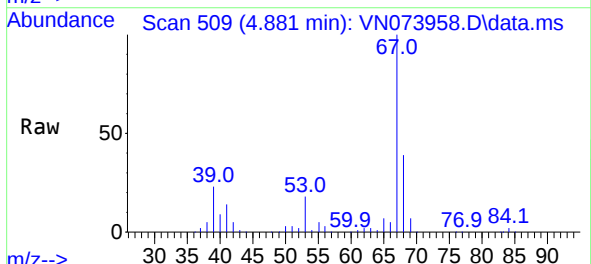
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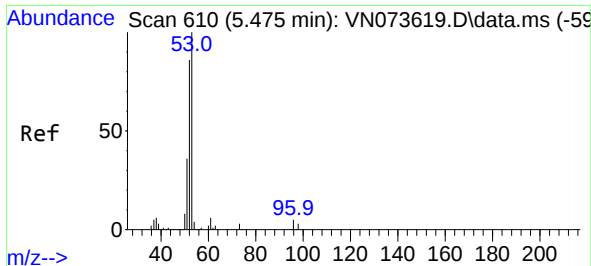
Tgt Ion: 56 Resp: 136563
Ion Ratio Lower Upper
56 100
55 2228.6 54.8 82.2#



#14
Allyl chloride
Concen: 24.990 ug/l
RT: 4.881 min Scan# 509
Delta R.T. 0.118 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 41 Resp: 193070
Ion Ratio Lower Upper
41 100
39 156.3 53.2 79.8#
76 0.0 29.9 44.9#

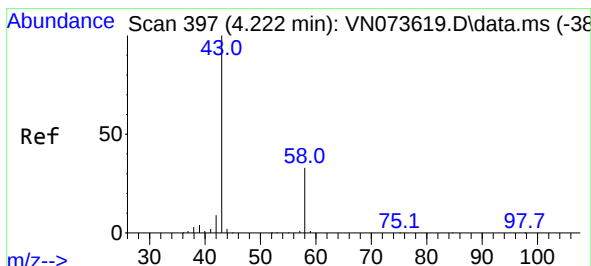
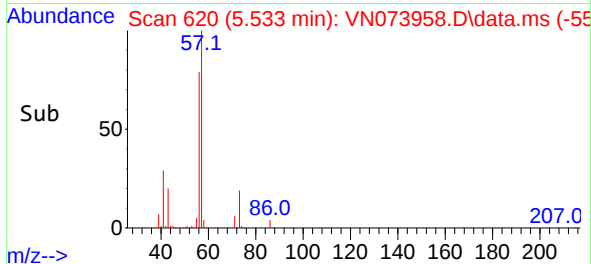
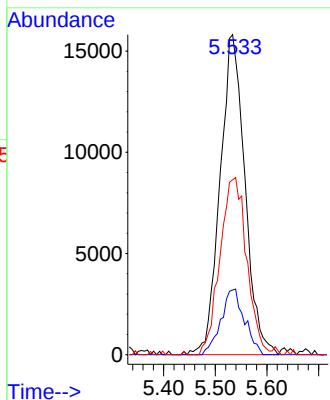
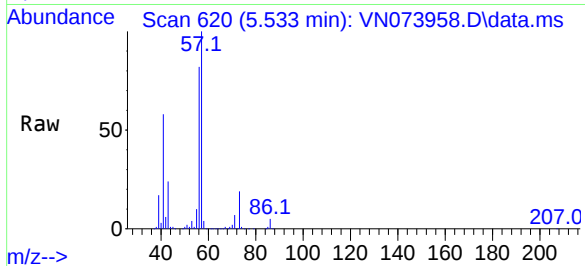




#15
Acrylonitrile
Concen: 15.031 ug/l
RT: 5.533 min Scan# 610
Delta R.T. 0.058 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

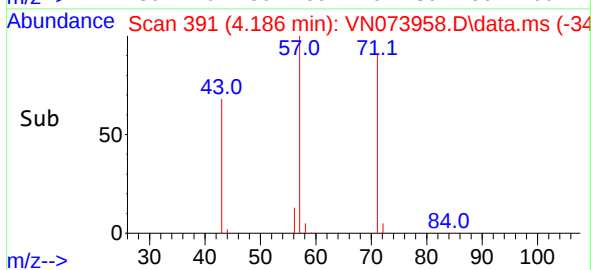
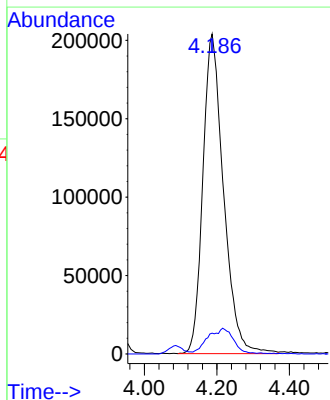
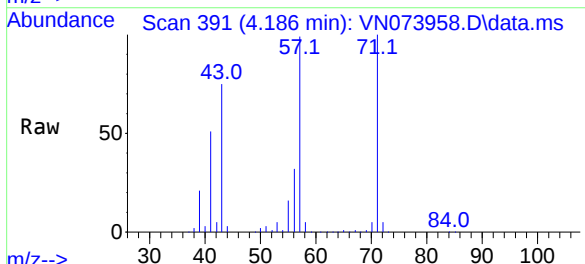
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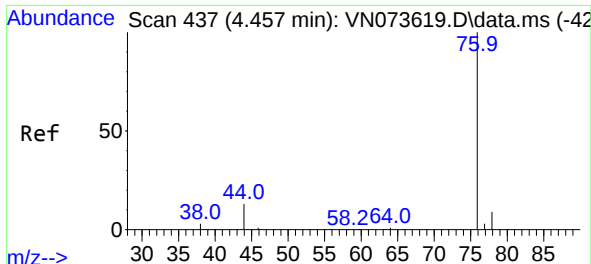
Tgt Ion: 53 Resp: 52845
Ion Ratio Lower Upper
53 100
52 19.3 66.4 99.6#
51 59.4 28.5 42.7#



#16
Acetone
Concen: 265.583 ug/l
RT: 4.186 min Scan# 391
Delta R.T. -0.036 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 43 Resp: 806642
Ion Ratio Lower Upper
43 100
58 6.4 26.0 39.0#

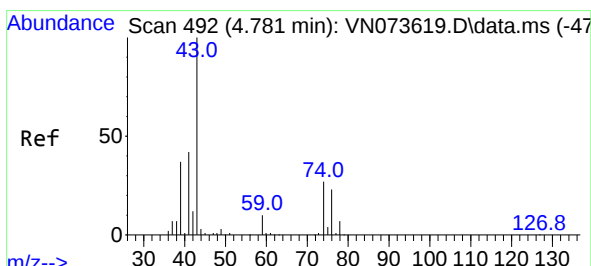
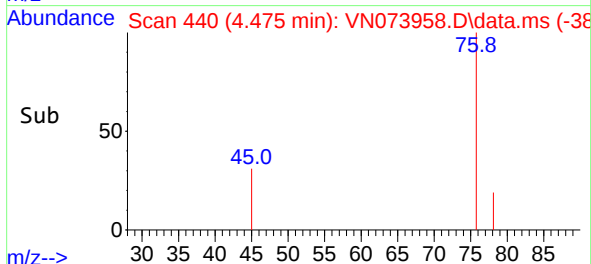
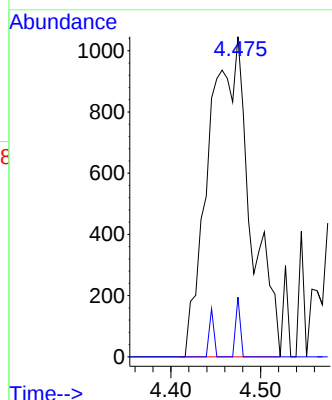
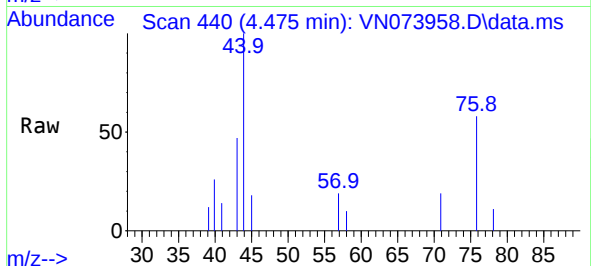




#17
Carbon Disulfide
Concen: 0.272 ug/l
RT: 4.475 min Scan# 44
Delta R.T. 0.018 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

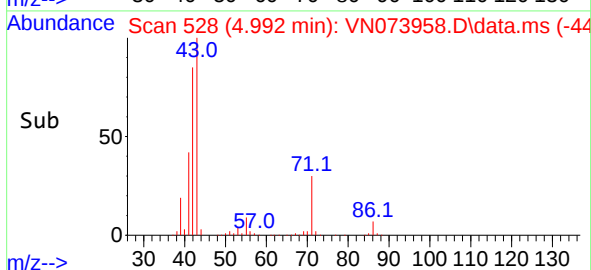
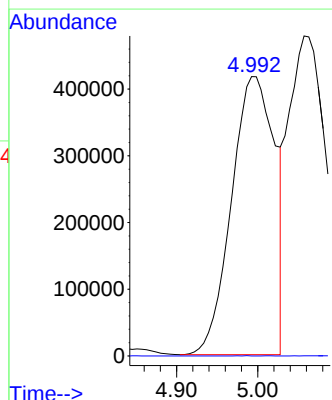
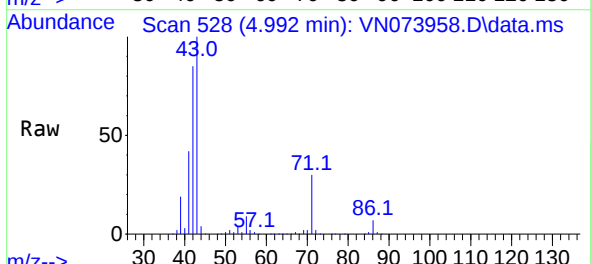
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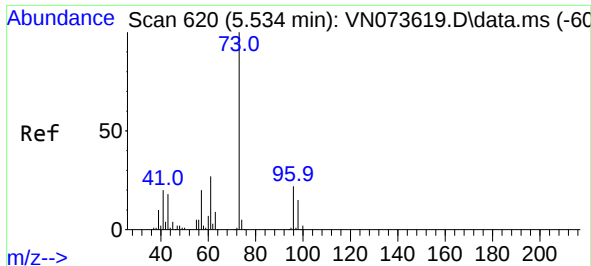
Tgt Ion: 76 Resp: 3368
Ion Ratio Lower Upper
76 100
78 18.6 7.2 10.8#



#18
Methyl Acetate
Concen: 212.556 ug/l
RT: 4.992 min Scan# 528
Delta R.T. 0.211 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 43 Resp: 1550714
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

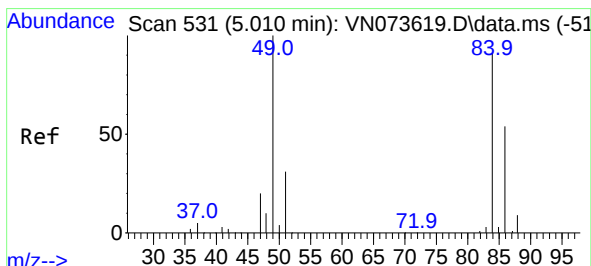
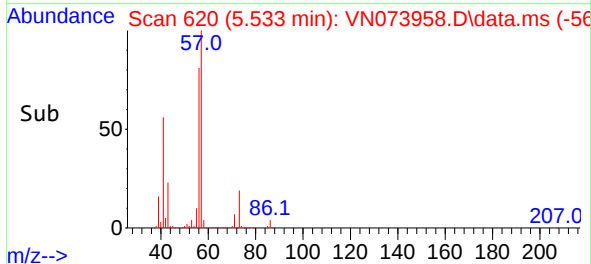
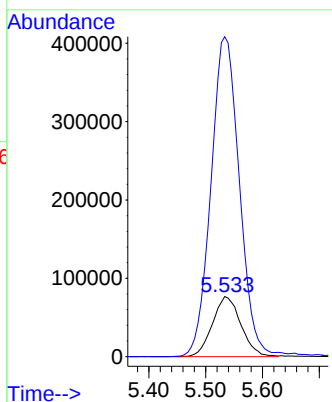
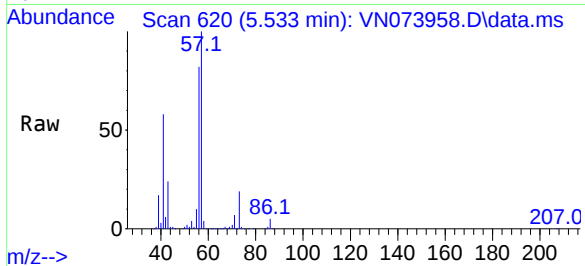




#19
Methyl tert-butyl Ether
Concen: 14.205 ug/l
RT: 5.533 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN073958.D
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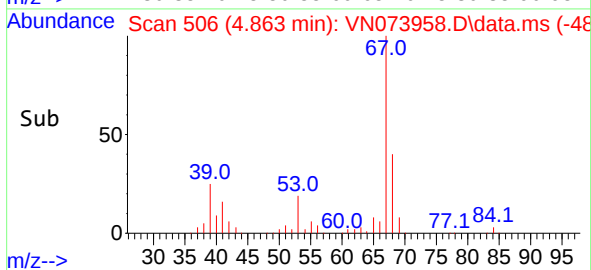
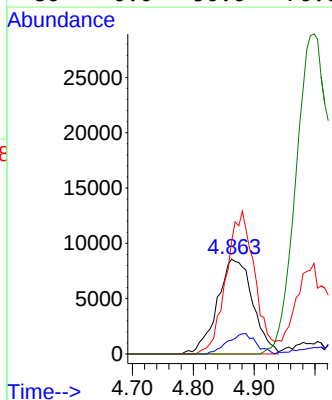
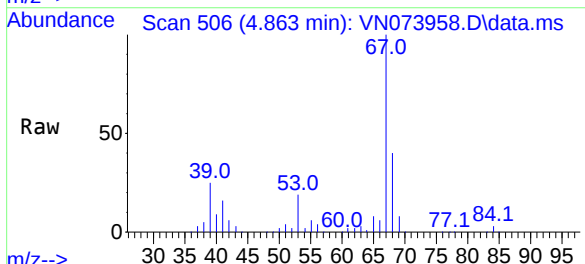
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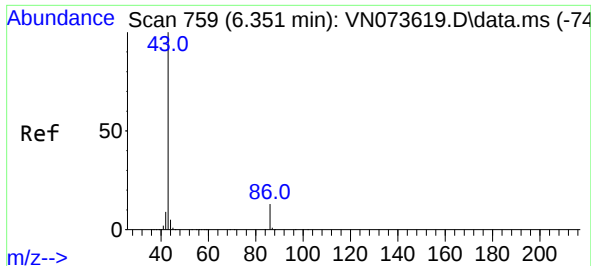
Tgt Ion: 73 Resp: 266875
Ion Ratio Lower Upper
73 100
57 531.8 17.6 26.4#



#20
Methylene Chloride
Concen: 5.393 ug/l
RT: 4.863 min Scan# 506
Delta R.T. -0.147 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 84 Resp: 34561
Ion Ratio Lower Upper
84 100
49 14.4 88.3 132.5#
51 118.9 28.2 42.2#
86 0.0 50.6 76.0#

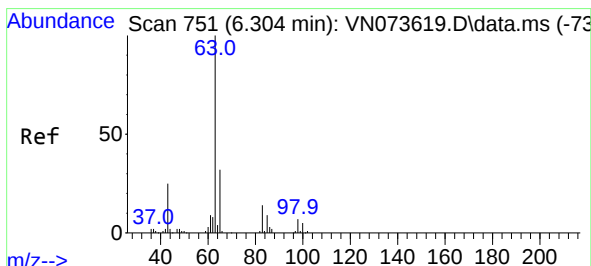
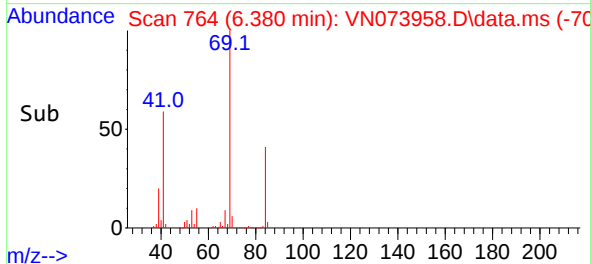
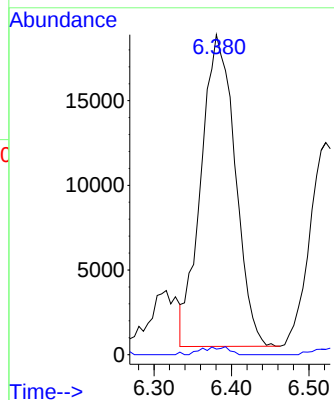
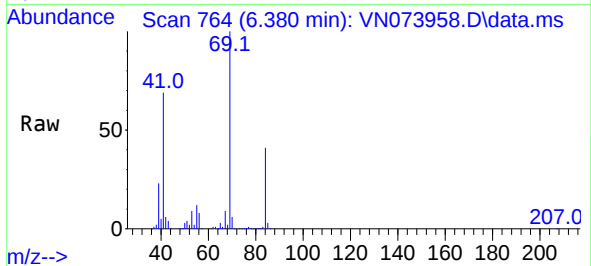




#23
 Vinyl Acetate
 Concen: 4.008 ug/l
 RT: 6.380 min Scan# 764
 Delta R.T. 0.029 min
 Lab File: VN073958.D
 Acq: 16 Aug 2022 19:04

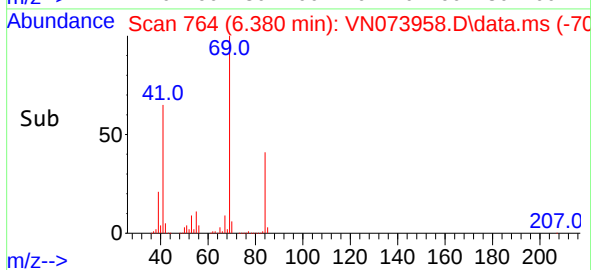
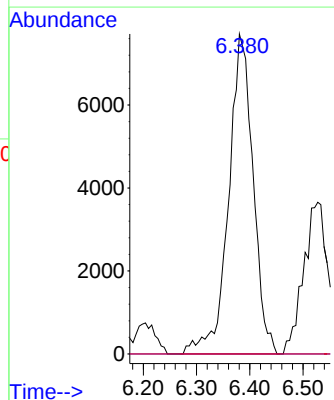
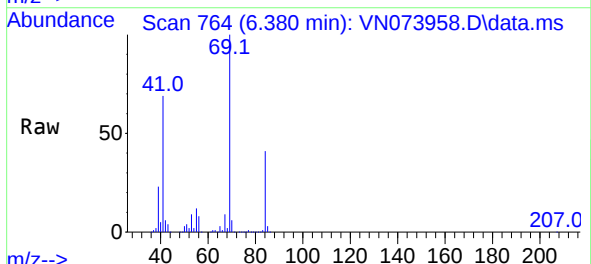
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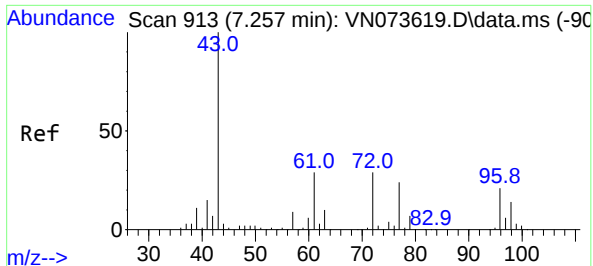
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 Ion Ratio Lower Upper
 43 100
 86 1.8 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 2.421 ug/l
 RT: 6.380 min Scan# 764
 Delta R.T. 0.076 min
 Lab File: VN073958.D
 Acq: 16 Aug 2022 19:04

Tgt Ion: 63 Resp: 24682
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#

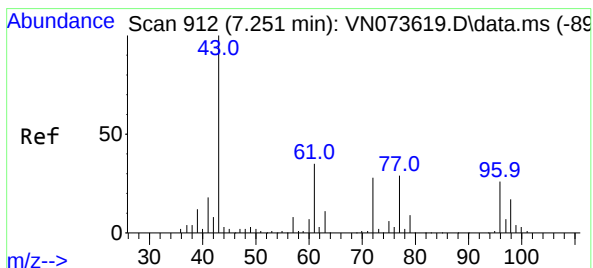
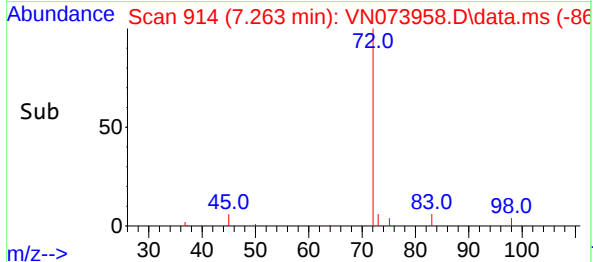
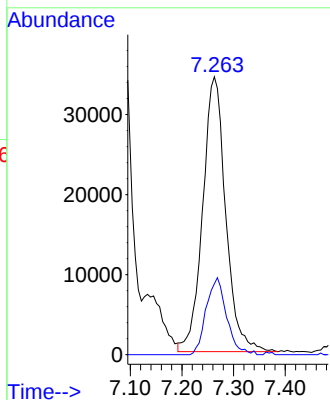
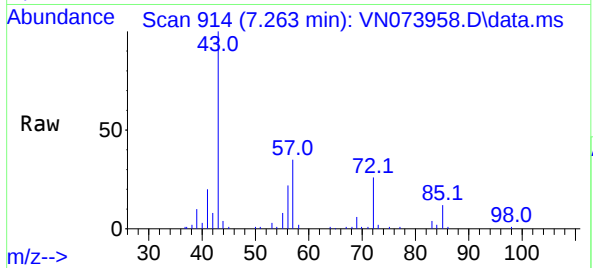




#25
2-Butanone
Concen: 22.098 ug/l
RT: 7.263 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

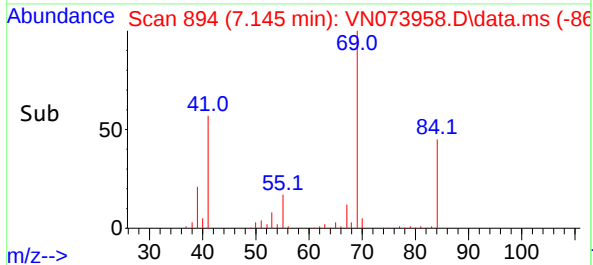
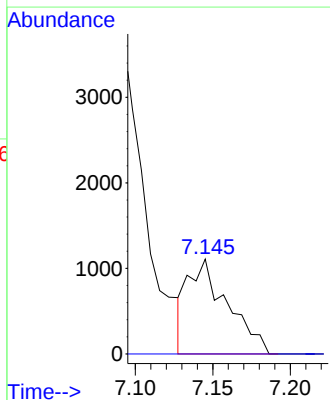
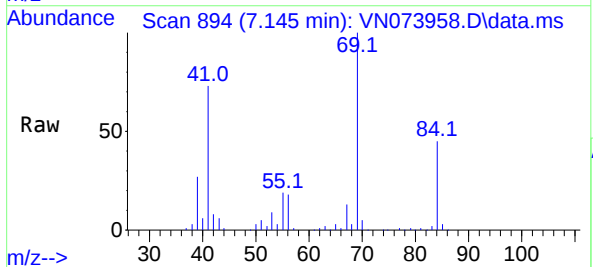
Instrument :
MSVOA_N
ClientSampleId :
MW-3

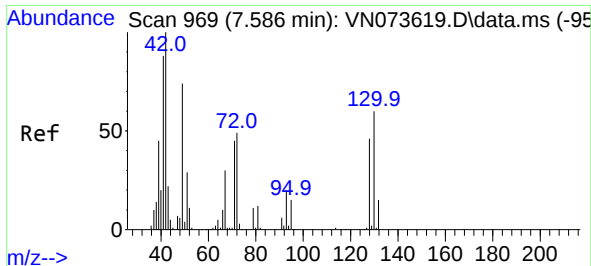
Tgt Ion: 43 Resp: 106423
Ion Ratio Lower Upper
43 100
72 25.8 23.7 35.5



#26
2,2-Dichloropropane
Concen: 0.206 ug/l
RT: 7.145 min Scan# 894
Delta R.T. -0.106 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 77 Resp: 1972
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

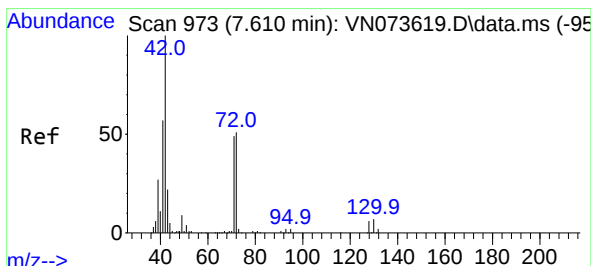
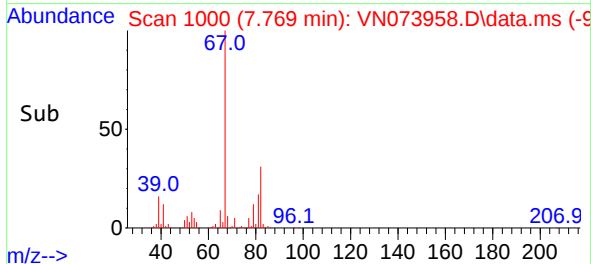
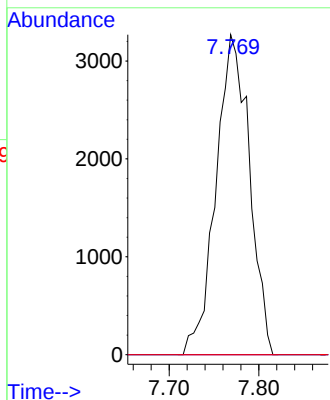
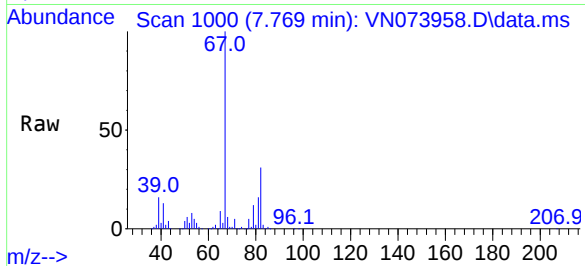




#28
Bromochloromethane
Concen: 2.251 ug/l
RT: 7.769 min Scan# 1000
Delta R.T. 0.183 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

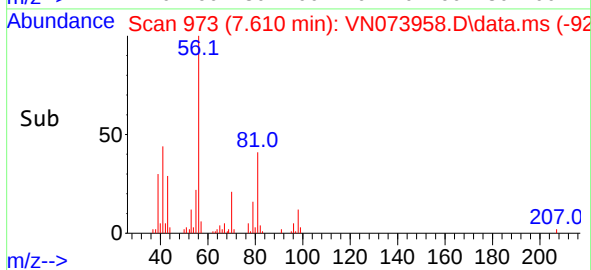
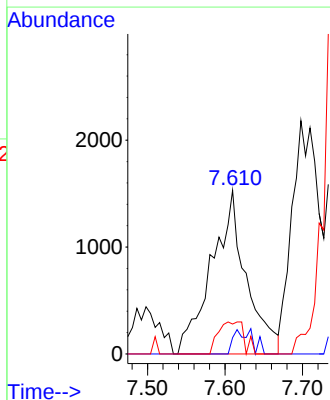
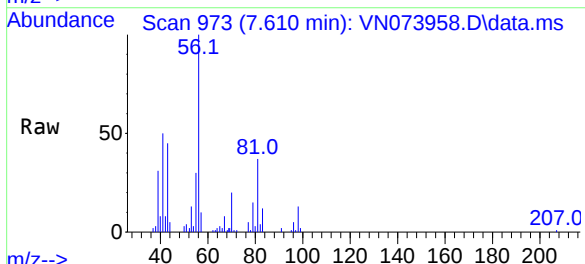
Instrument :
MSVOA_N
ClientSampleId :
MW-3

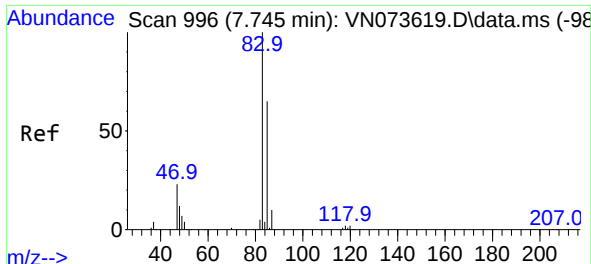
Tgt Ion: 49 Resp: 8467
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#



#29
Tetrahydrofuran
Concen: 1.537 ug/l
RT: 7.610 min Scan# 973
Delta R.T. -0.000 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 42 Resp: 4749
Ion Ratio Lower Upper
42 100
72 0.0 39.7 59.5#
71 0.0 36.6 55.0#

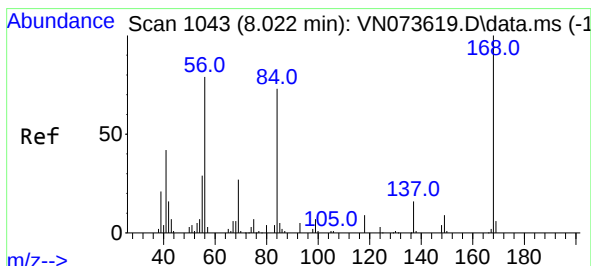
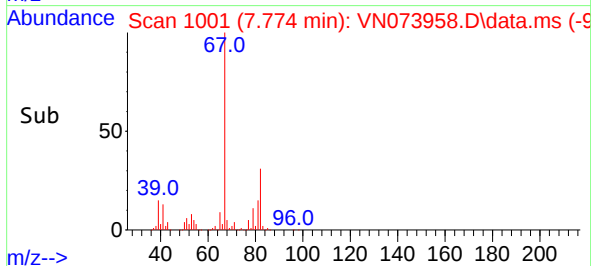
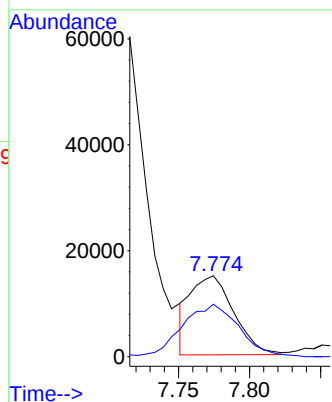
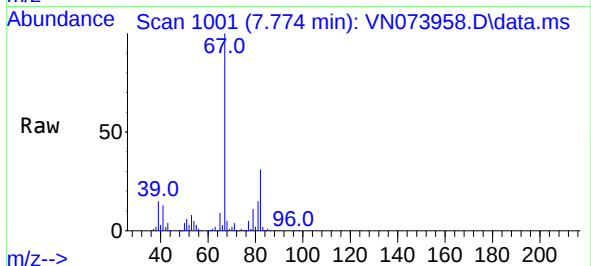




#30
Chloroform
Concen: 2.781 ug/l
RT: 7.774 min Scan# 1001
Delta R.T. 0.029 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

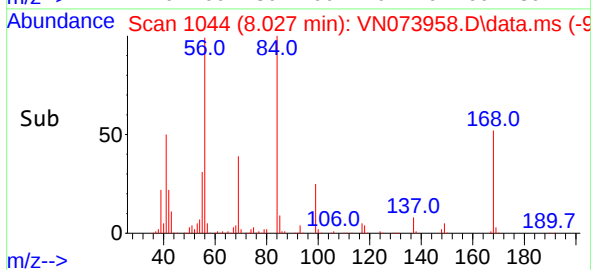
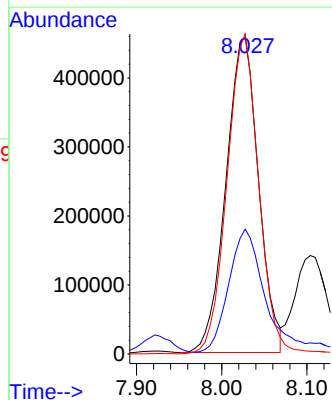
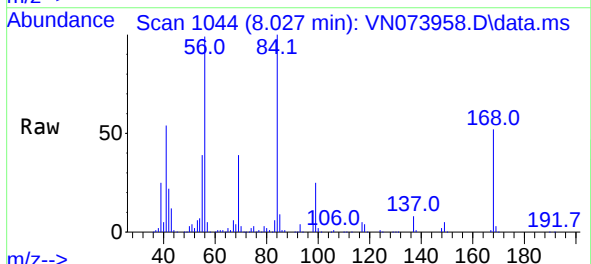
Instrument :
MSVOA_N
ClientSampleId :
MW-3

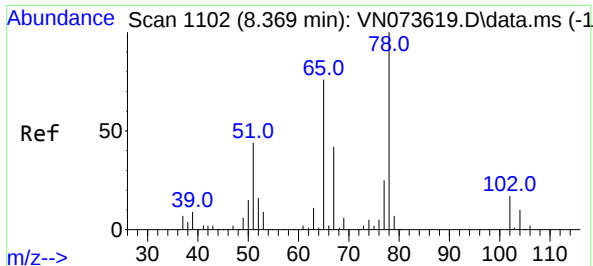
Tgt Ion: 83 Resp: 31706
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.8



#31
Cyclohexane
Concen: 135.623 ug/l
RT: 8.027 min Scan# 1044
Delta R.T. 0.005 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 56 Resp: 1217145
Ion Ratio Lower Upper
56 100
69 37.9 27.8 41.8
84 101.4 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 46.693 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073958.D

Acq: 16 Aug 2022 19:04

Instrument :

MSVOA_N

ClientSampleId :

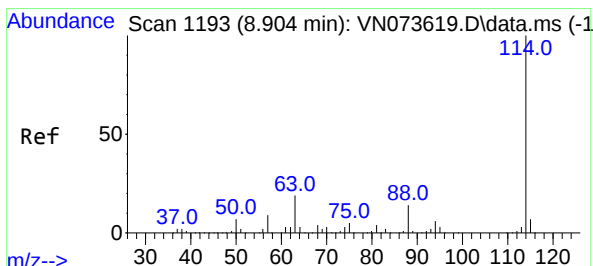
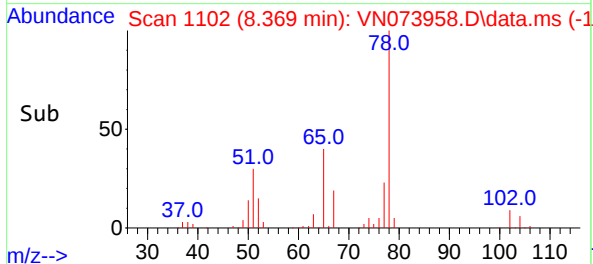
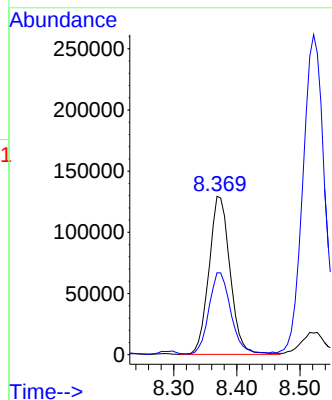
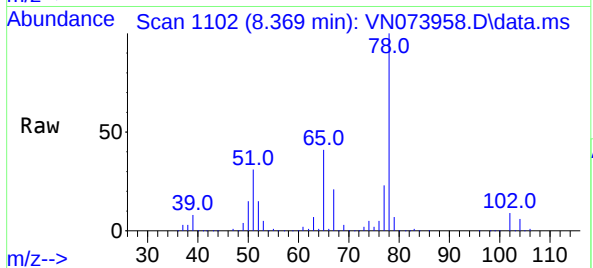
MW-3

Tgt Ion: 65 Resp: 300598

Ion Ratio Lower Upper

65 100

67 53.1 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: VN073958.D

Acq: 16 Aug 2022 19:04

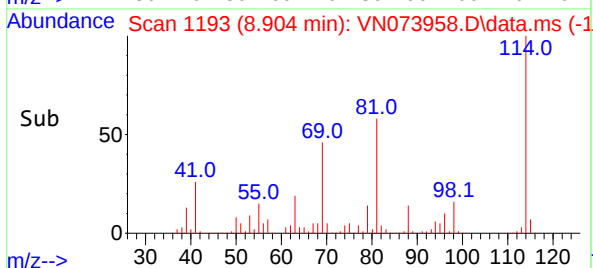
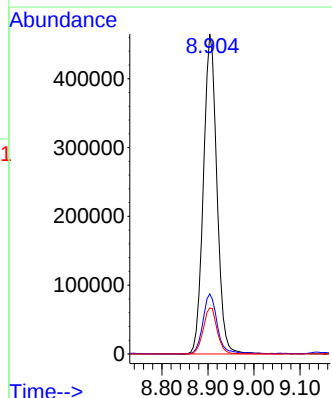
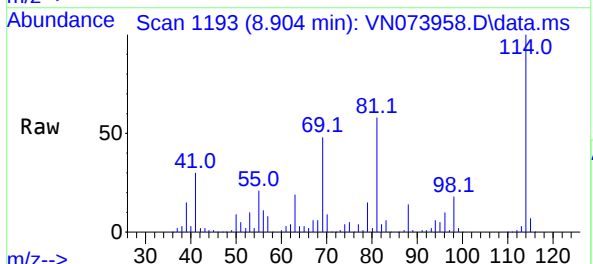
Tgt Ion: 114 Resp: 949673

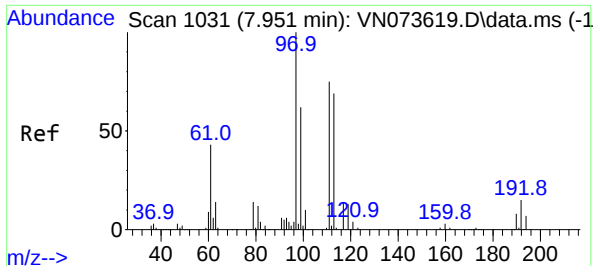
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 14.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.690 ug/l

RT: 7.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073958.D

Acq: 16 Aug 2022 19:04

Instrument :

MSVOA_N

ClientSampleId :

MW-3

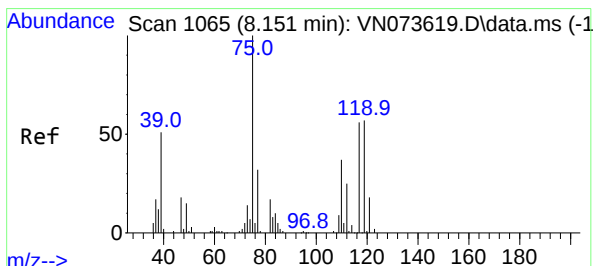
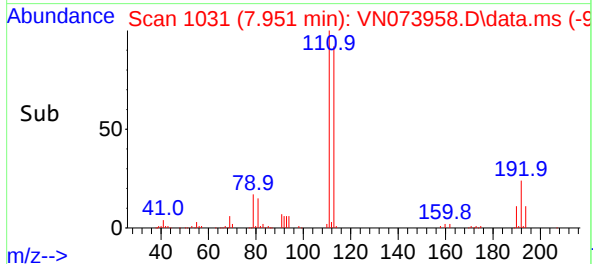
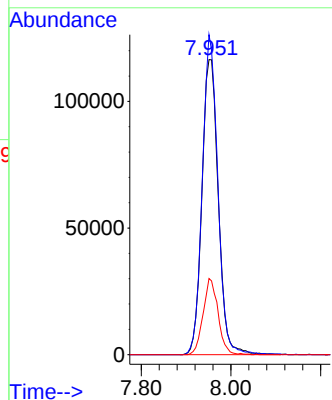
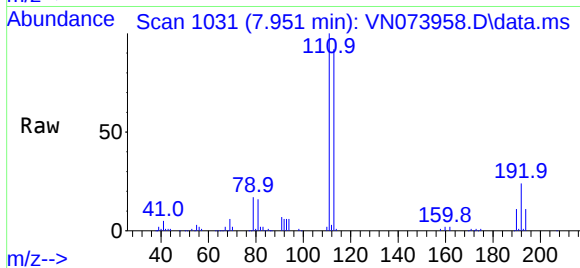
Tgt Ion:113 Resp: 295921

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 23.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.506 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073958.D

Acq: 16 Aug 2022 19:04

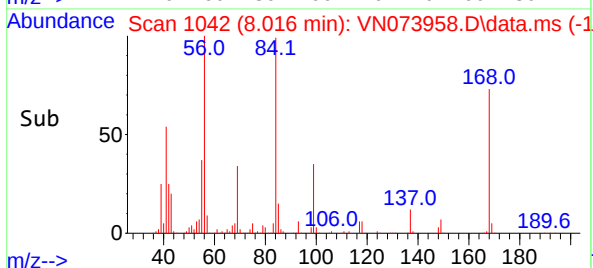
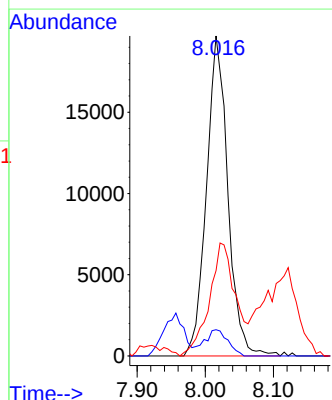
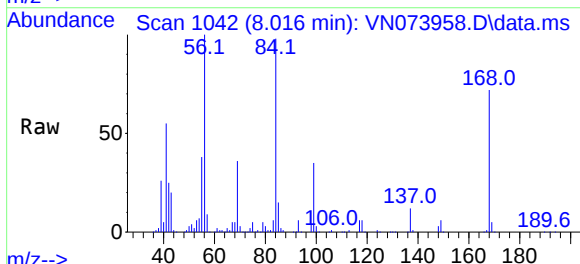
Tgt Ion: 75 Resp: 42950

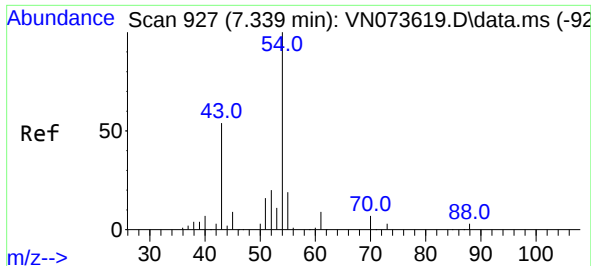
Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

77 43.7 25.1 37.7#

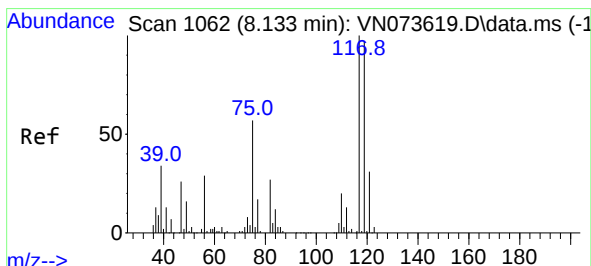
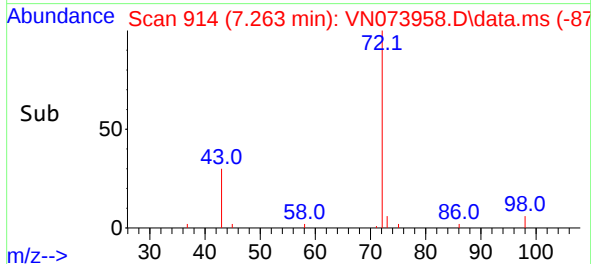
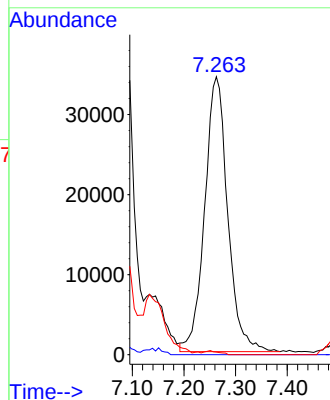
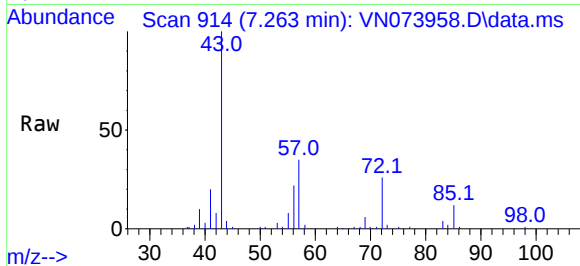




#37
Ethyl Acetate
Concen: 11.261 ug/l
RT: 7.263 min Scan# 914
Delta R.T. -0.076 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

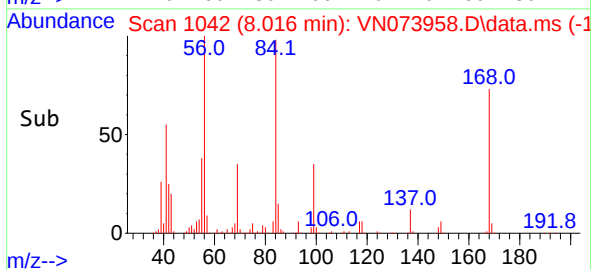
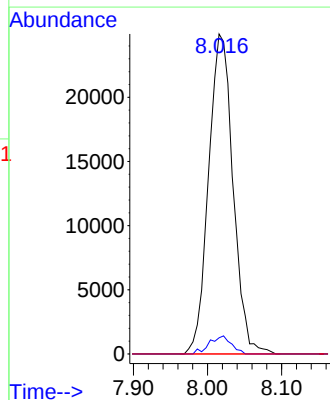
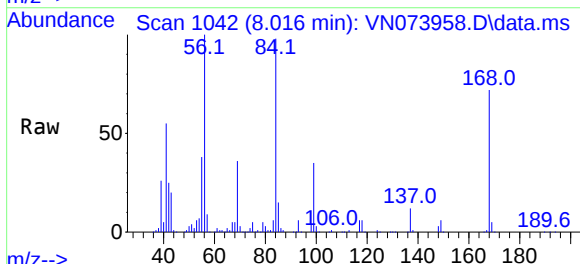
Instrument :
MSVOA_N
ClientSampleId :
MW-3

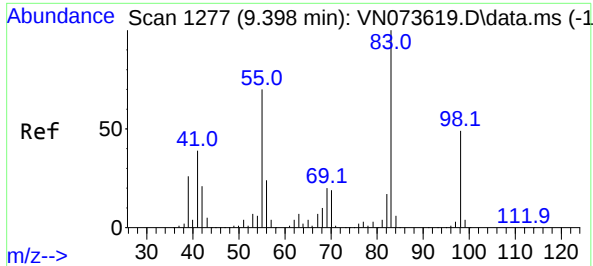
Tgt Ion: 43 Resp: 106423
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.411 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 117 Resp: 57167
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#

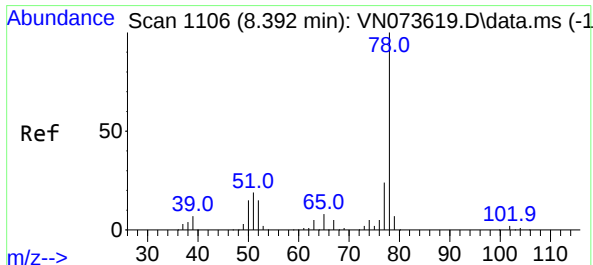
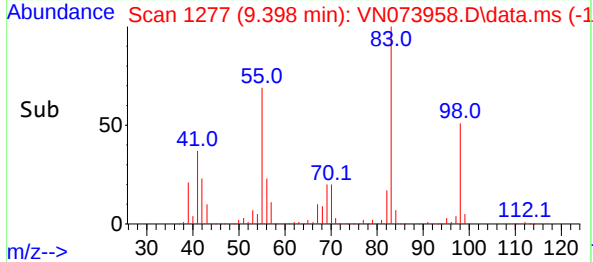
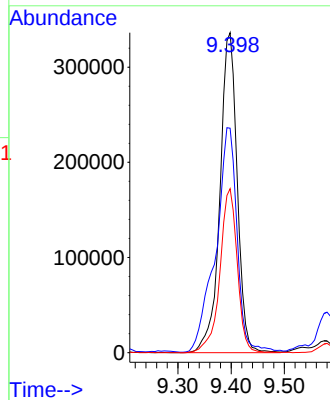
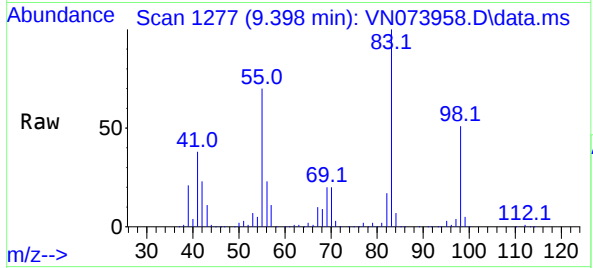




#39
Methylcyclohexane
Concen: 77.417 ug/l
RT: 9.398 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

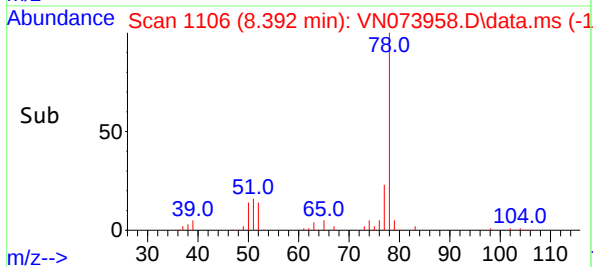
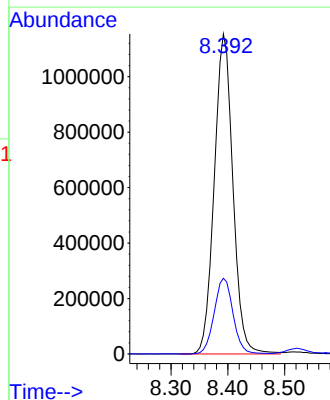
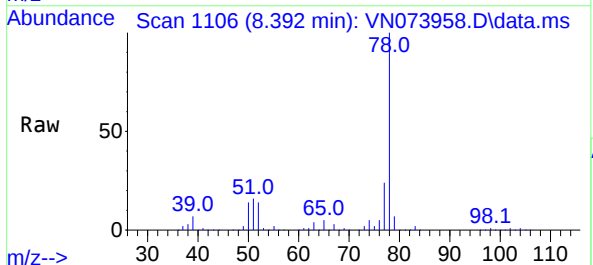
Instrument :
MSVOA_N
ClientSampleId :
MW-3

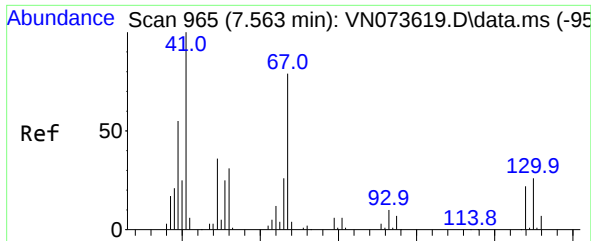
Tgt Ion: 83 Resp: 756714
Ion Ratio Lower Upper
83 100
55 70.0 57.8 86.8
98 51.2 39.4 59.2



#40
Benzene
Concen: 106.811 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 78 Resp: 2629748
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

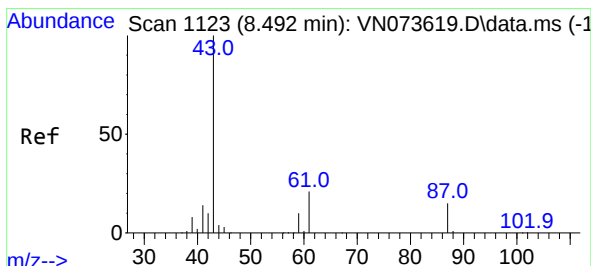
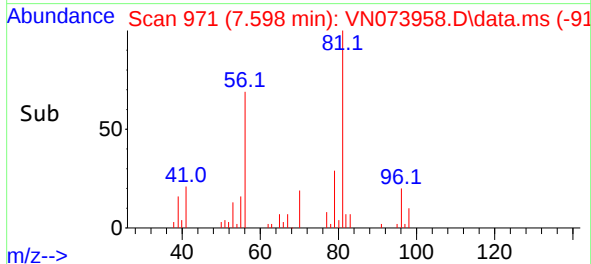
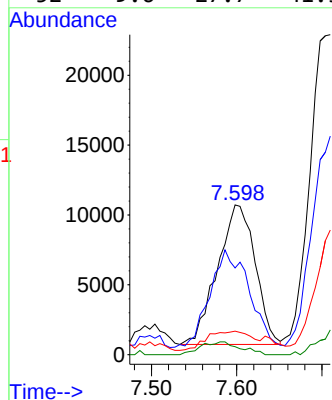
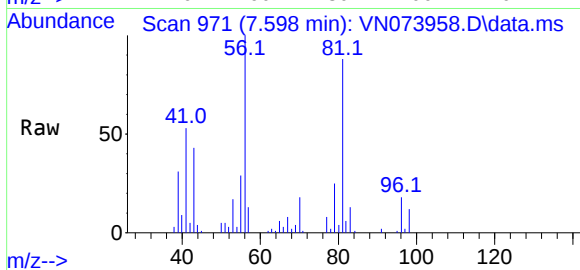




#41
Methacrylonitrile
Concen: 7.199 ug/l
RT: 7.598 min Scan# 91
Delta R.T. 0.035 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

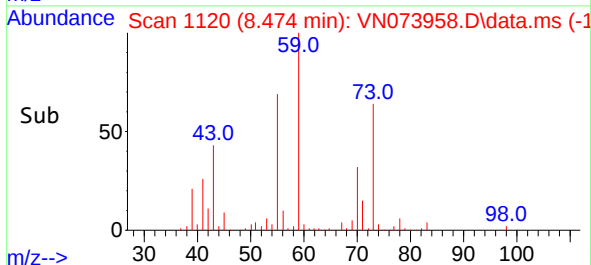
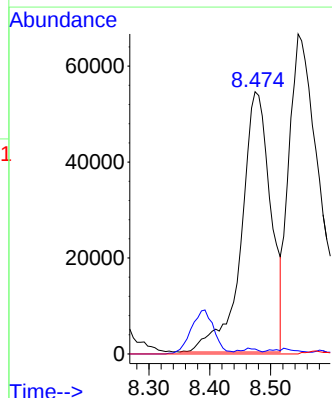
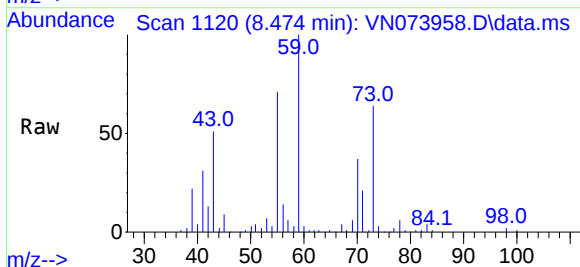
Instrument :
MSVOA_N
ClientSampleId :
MW-3

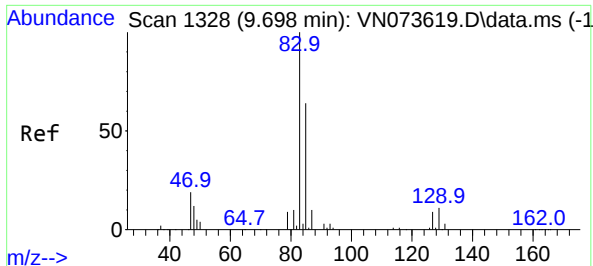
Tgt Ion: 41 Resp: 30748
Ion Ratio Lower Upper
41 100
39 73.0 48.6 73.0#
67 0.0 73.4 110.2#
52 9.6 27.7 41.5#



#43
Isopropyl Acetate
Concen: 13.525 ug/l
RT: 8.474 min Scan# 1120
Delta R.T. -0.018 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 43 Resp: 182088
Ion Ratio Lower Upper
43 100
61 1.0 21.9 32.9#
87 0.0 12.0 18.0#

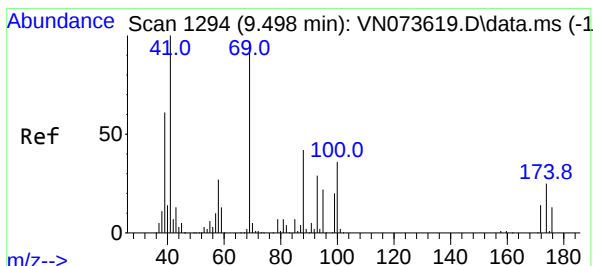
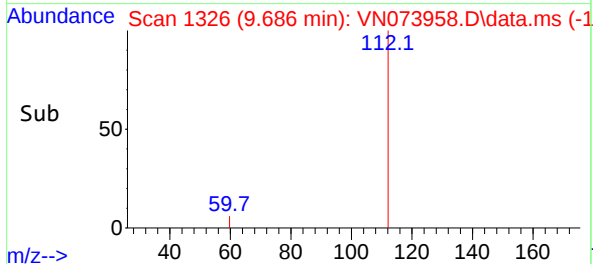
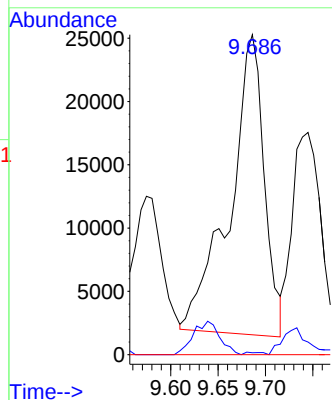
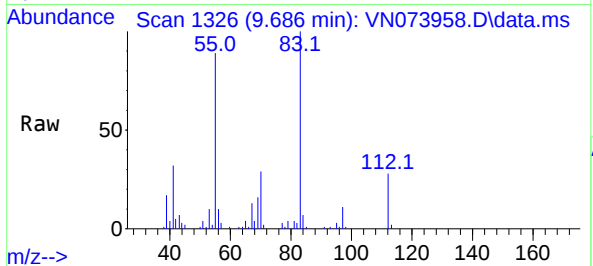




#47
Bromodichloromethane
Concen: 6.993 ug/l
RT: 9.686 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

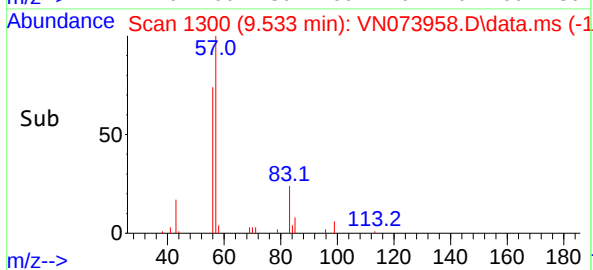
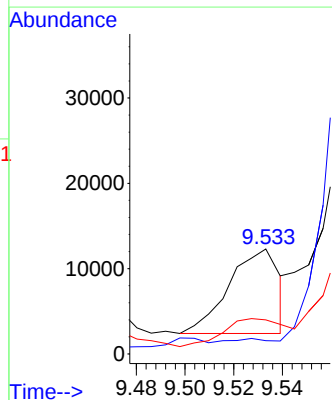
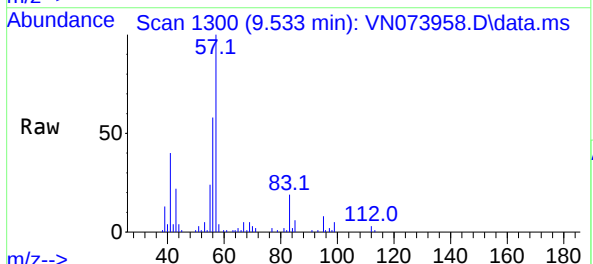
Instrument :
MSVOA_N
ClientSampleId :
MW-3

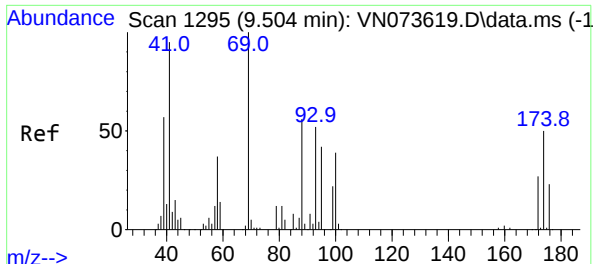
Tgt Ion: 83 Resp: 59965
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 2.490 ug/l
RT: 9.533 min Scan# 1300
Delta R.T. 0.035 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 41 Resp: 14343
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#

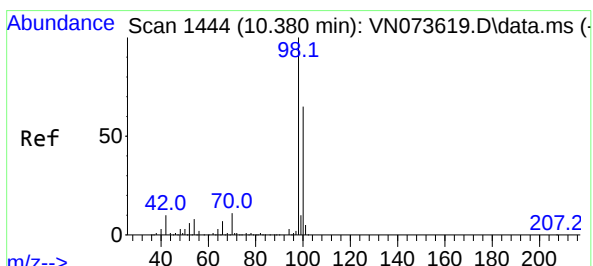
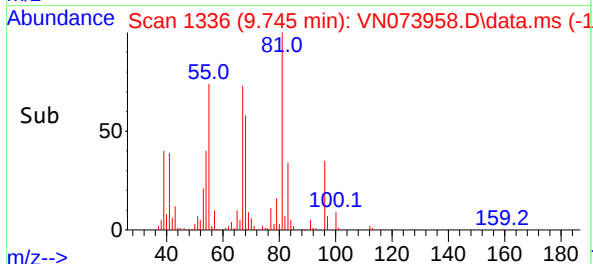
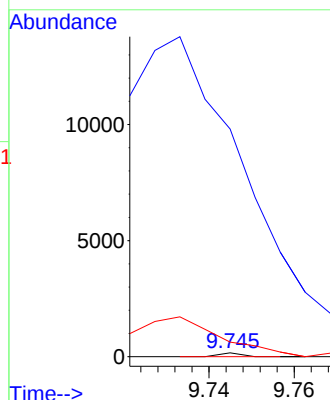
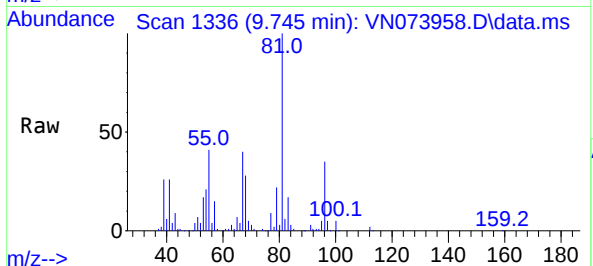




#49
1,4-Dioxane
Concen: 0.344 ug/l
RT: 9.745 min Scan# 11
Delta R.T. 0.241 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

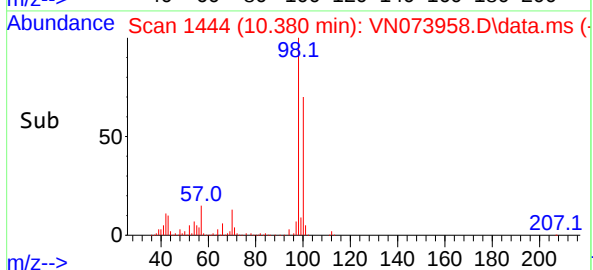
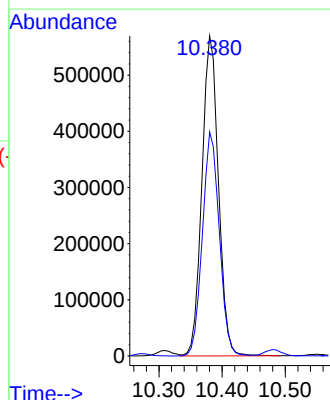
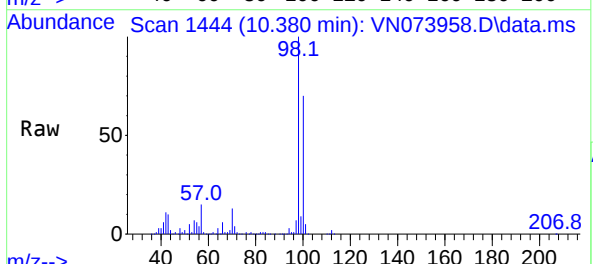
Instrument :
MSVOA_N
ClientSampleId :
MW-3

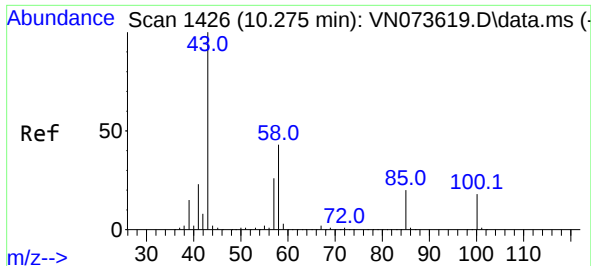
Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 42974.6 20.2 30.4#
58 5162.7 54.2 81.4#



#50
Toluene-d8
Concen: 47.484 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 98 Resp: 1032840
Ion Ratio Lower Upper
98 100
100 71.7 52.6 78.8

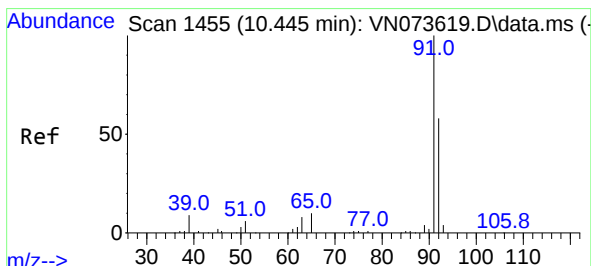
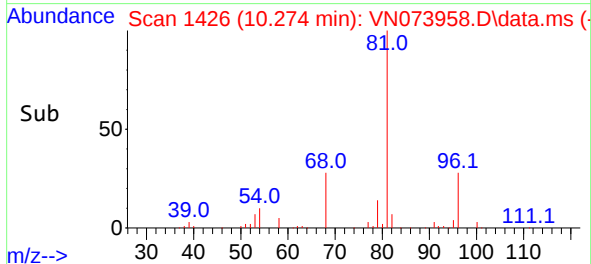
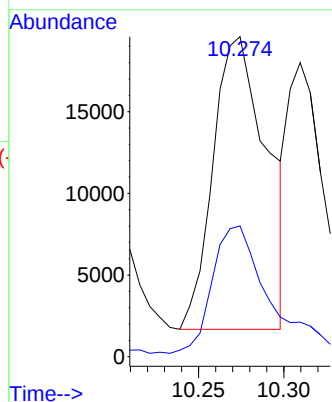
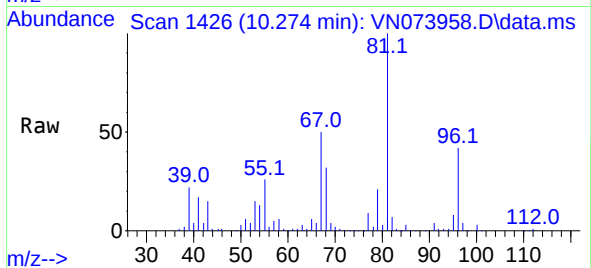




#51
4-Methyl-2-Pentanone
Concen: 4.290 ug/l
RT: 10.274 min Scan# 1426
Delta R.T. -0.001 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

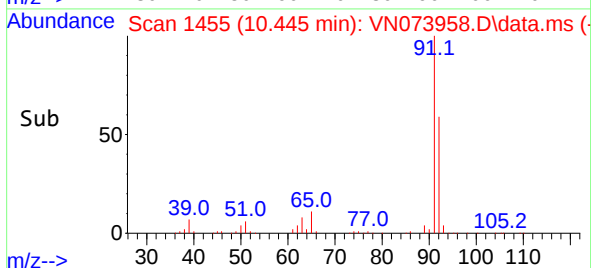
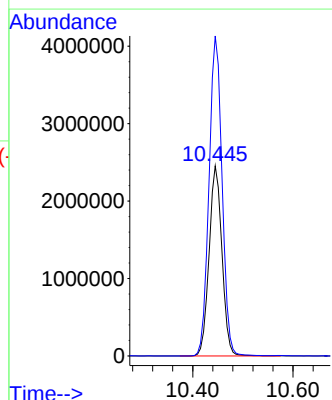
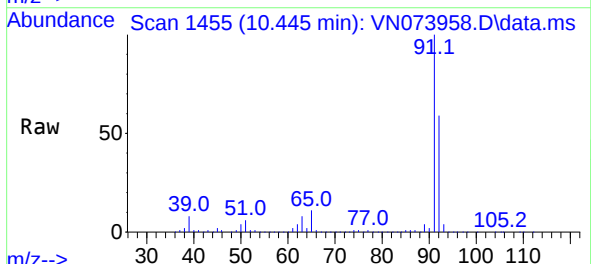
Instrument :
MSVOA_N
ClientSampleId :
MW-3

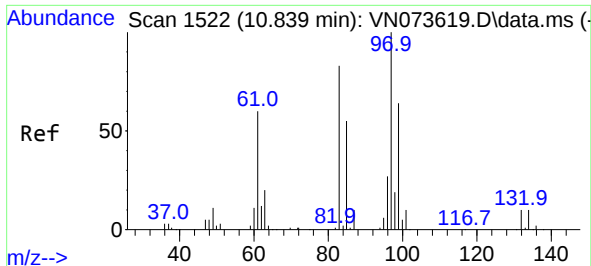
Tgt Ion: 43 Resp: 39045
Ion Ratio Lower Upper
43 100
58 46.5 34.1 51.1



#52
Toluene
Concen: 258.788 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 92 Resp: 4369027
Ion Ratio Lower Upper
92 100
91 171.1 138.6 207.8

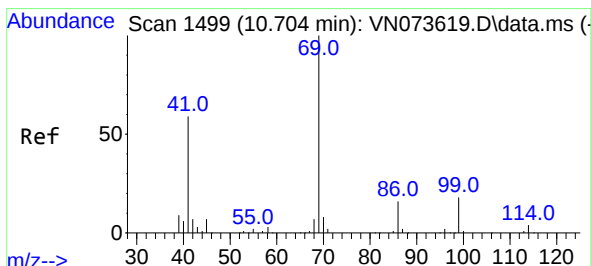
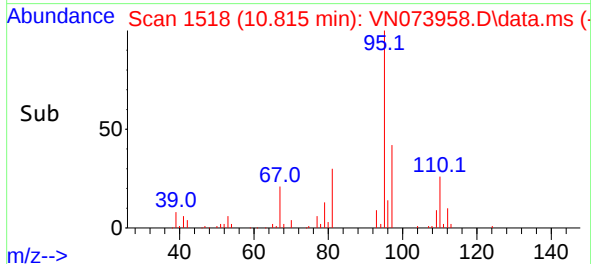
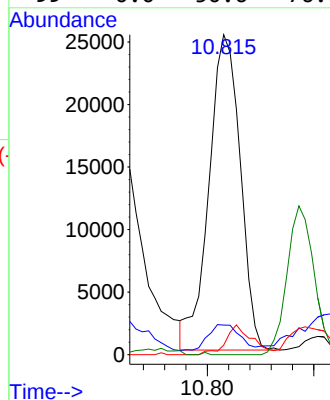
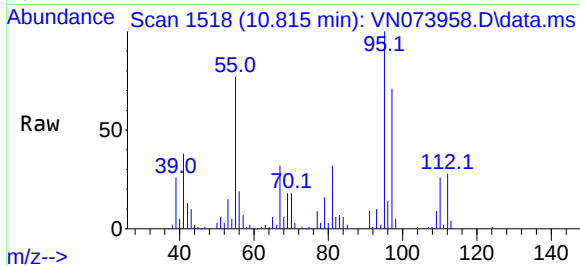




#55
1,1,2-Trichloroethane
Concen: 7.849 ug/l
RT: 10.815 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

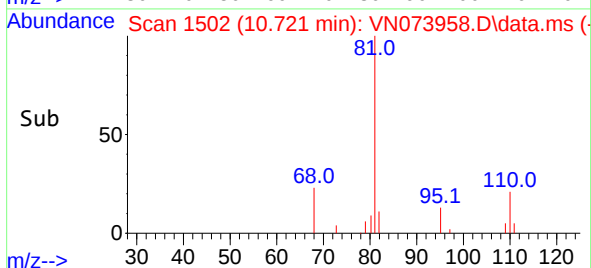
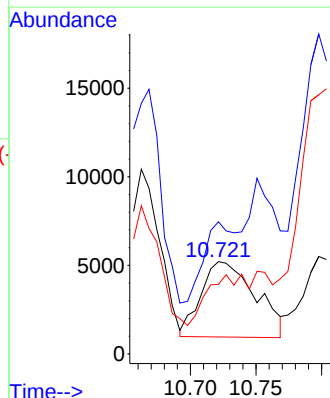
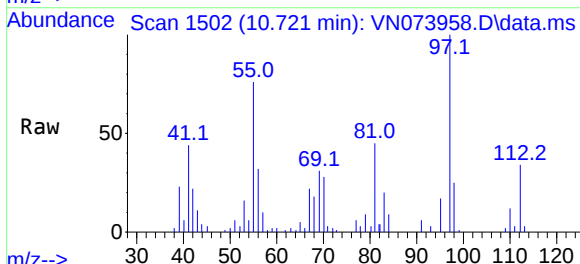
Instrument :
MSVOA_N
ClientSampleId :
MW-3

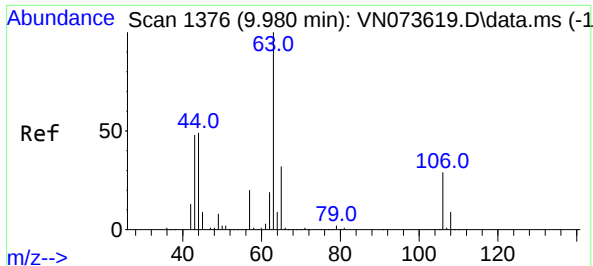
Tgt Ion:	97	Resp:	51547
Ion	Ratio	Lower	Upper
97	100		
83	8.1	66.2	99.4#
85	3.0	43.9	65.9#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 1.311 ug/l
RT: 10.721 min Scan# 1502
Delta R.T. 0.017 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion:	69	Resp:	12280
Ion	Ratio	Lower	Upper
69	100		
41	56.6	47.8	71.6
39	0.0	27.3	40.9#





#58

2-Chloroethyl Vinyl ether

Concen: 1.355 ug/l

RT: 9.963 min Scan# 11

Delta R.T. -0.017 min

Lab File: VN073958.D

Acq: 16 Aug 2022 19:04

Instrument :

MSVOA_N

ClientSampleId :

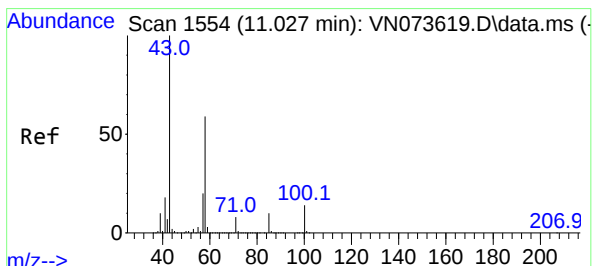
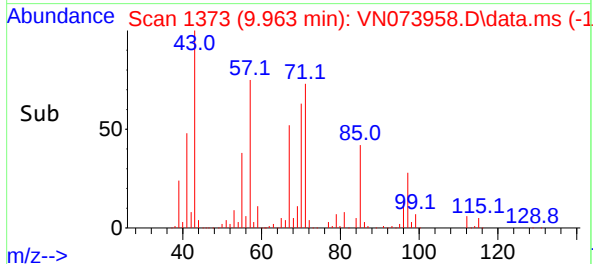
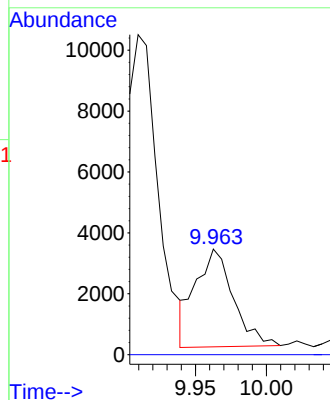
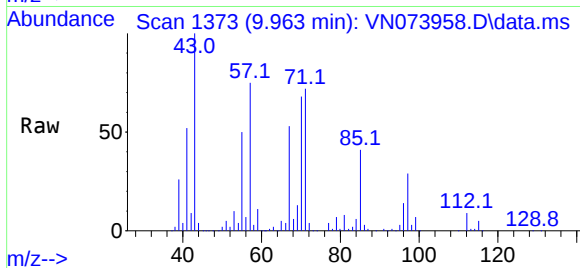
MW-3

Tgt Ion: 63 Resp: 5922

Ion Ratio Lower Upper

63 100

106 0.0 24.6 36.8#



#59

2-Hexanone

Concen: 5.542 ug/l

RT: 11.151 min Scan# 1575

Delta R.T. 0.124 min

Lab File: VN073958.D

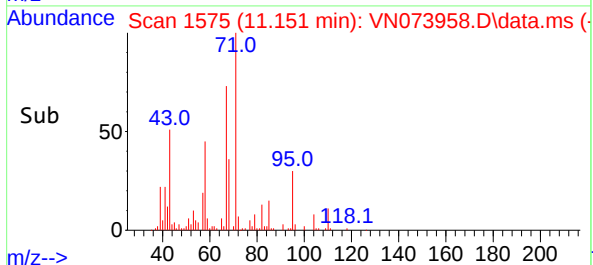
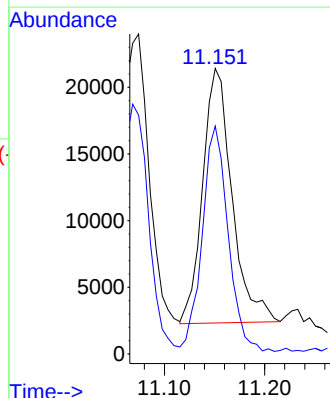
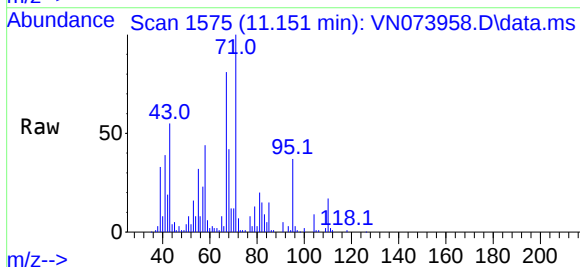
Acq: 16 Aug 2022 19:04

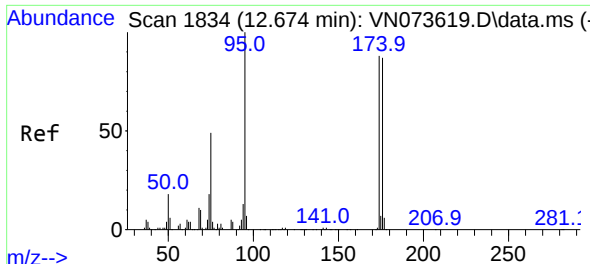
Tgt Ion: 43 Resp: 38823

Ion Ratio Lower Upper

43 100

58 78.2 29.7 89.1

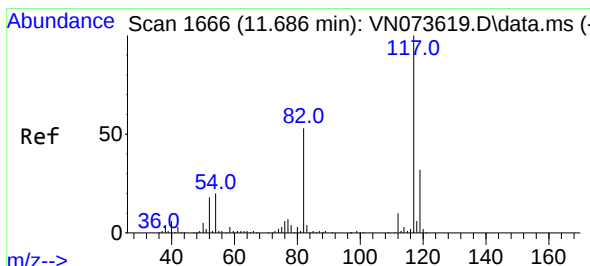
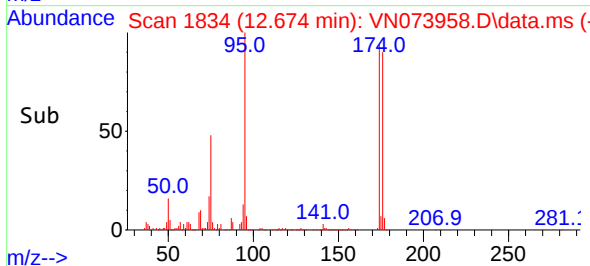
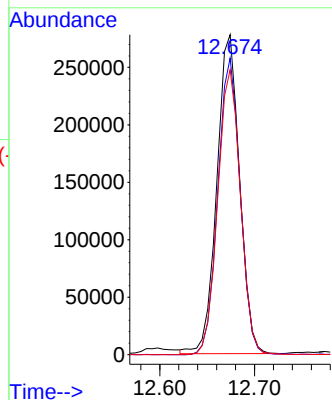
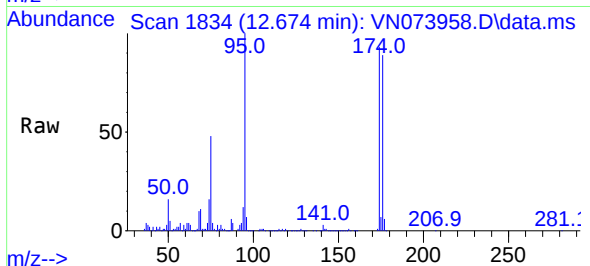




#62
4-Bromofluorobenzene
Concen: 64.087 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

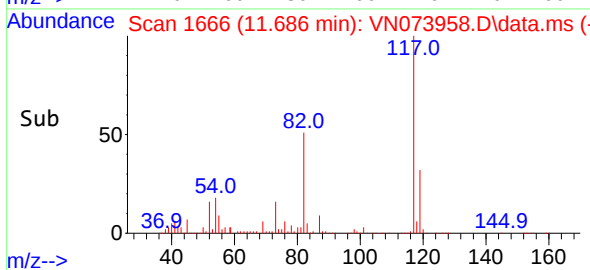
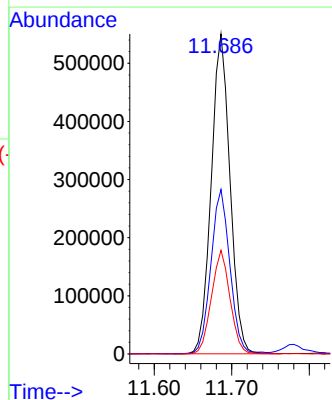
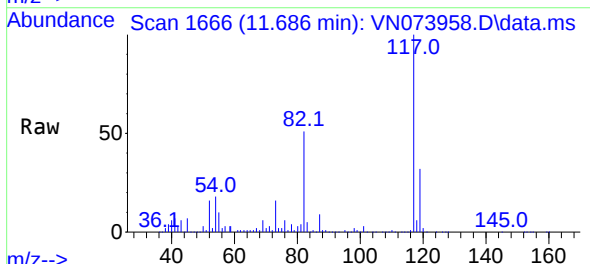
Instrument :
MSVOA_N
ClientSampleId :
MW-3

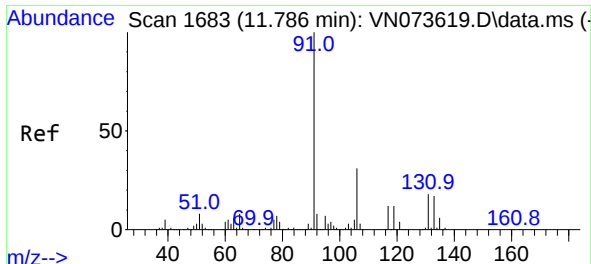
Tgt Ion: 95 Resp: 462637
Ion Ratio Lower Upper
95 100
174 91.6 0.0 167.6
176 89.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 117 Resp: 927632
Ion Ratio Lower Upper
117 100
82 51.3 44.2 66.2
119 32.4 25.4 38.0

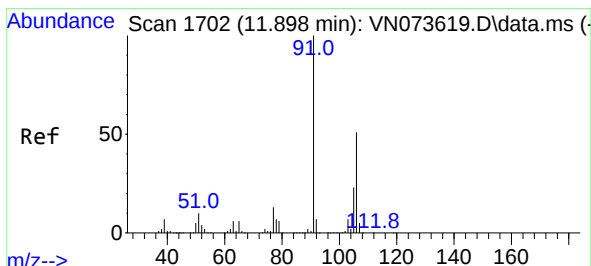
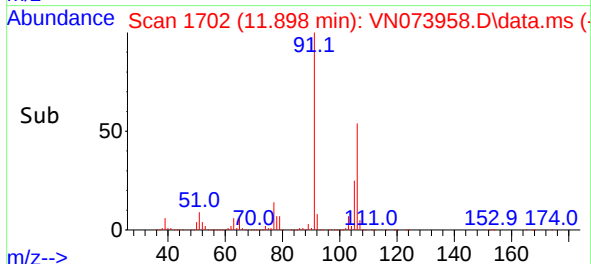
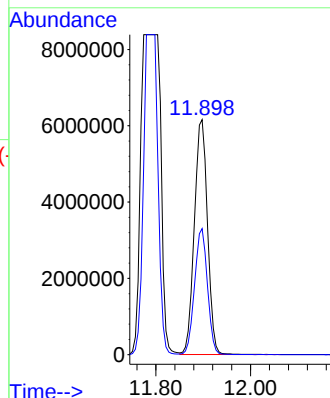
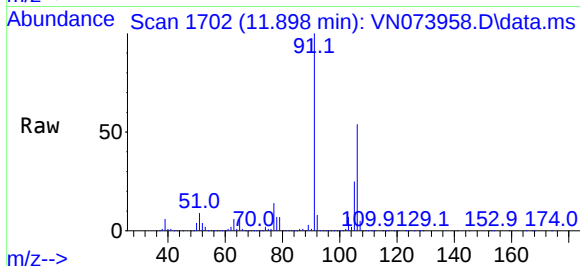




#67
Ethyl Benzene
Concen: 363.008 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.112 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

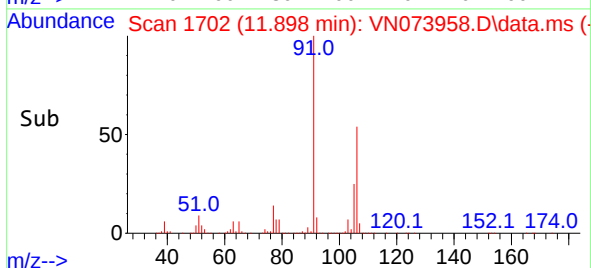
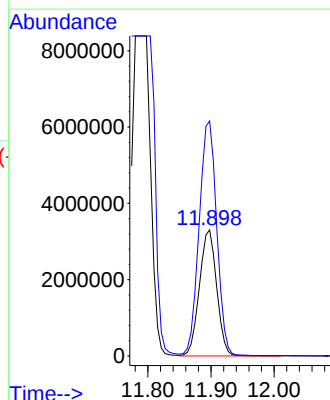
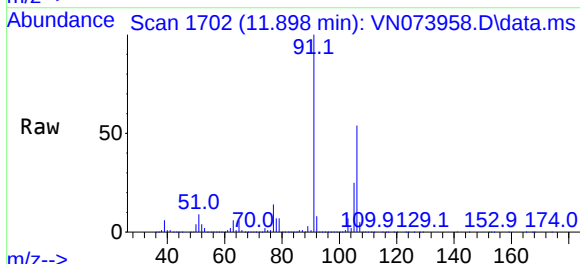
Instrument :
MSVOA_N
ClientSampleId :
MW-3

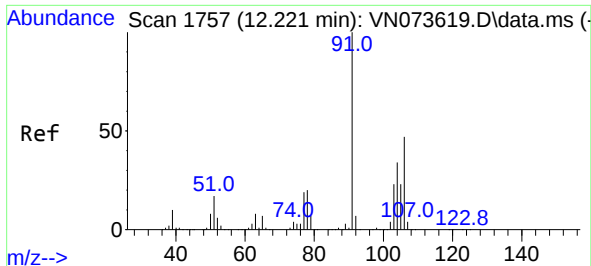
Tgt Ion: 91 Resp:11901573
Ion Ratio Lower Upper
91 100
106 53.7 24.9 37.3#



#68
m/p-Xylenes
Concen: 468.478 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion:106 Resp: 6240725
Ion Ratio Lower Upper
106 100
91 191.2 158.9 238.3

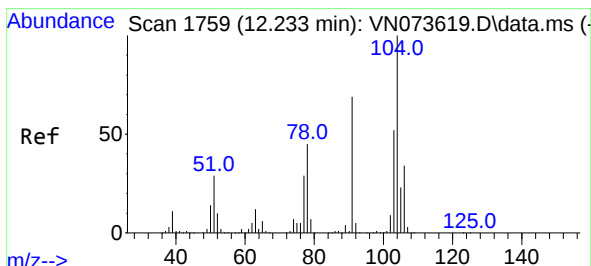
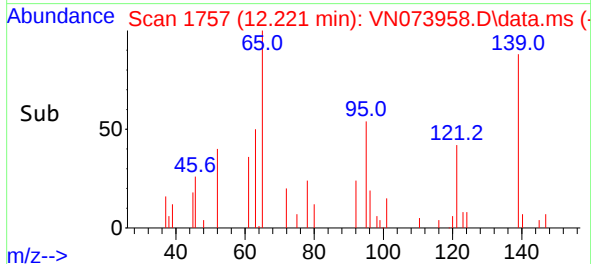
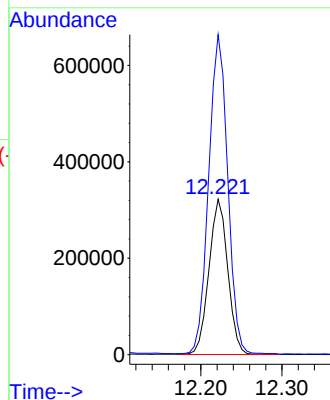
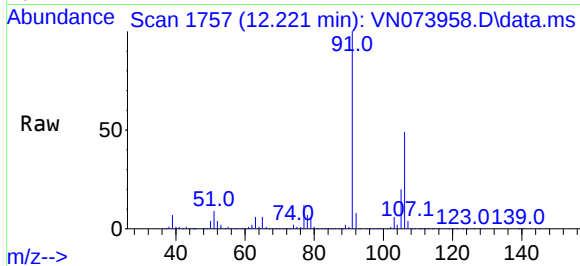




#69
o-Xylene
Concen: 38.753 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

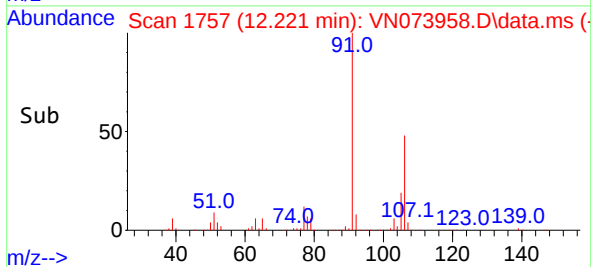
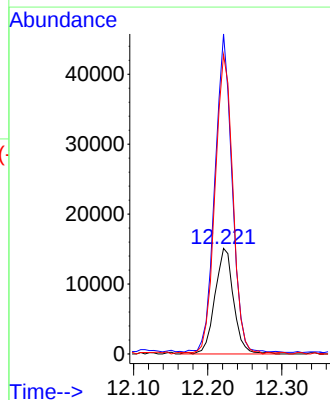
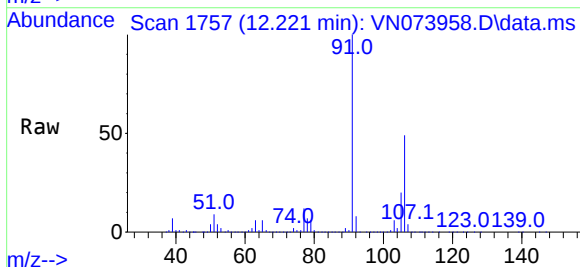
Instrument :
MSVOA_N
ClientSampleId :
MW-3

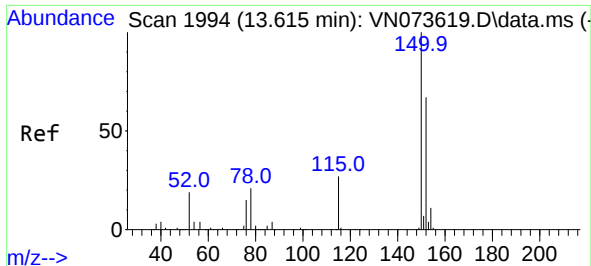
Tgt Ion:106 Resp: 517684
Ion Ratio Lower Upper
106 100
91 207.9 106.0 318.0



#70
Styrene
Concen: 1.266 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.012 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion:104 Resp: 26476
Ion Ratio Lower Upper
104 100
78 276.2 39.5 59.3#
103 271.1 44.0 66.0#

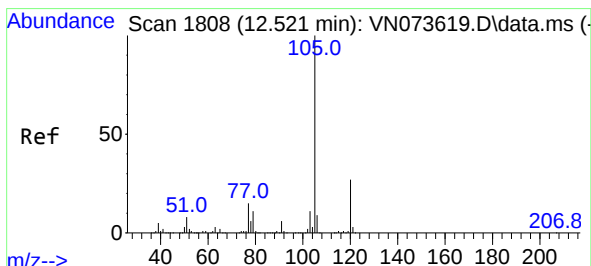
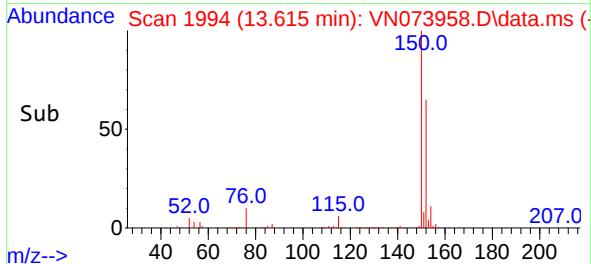
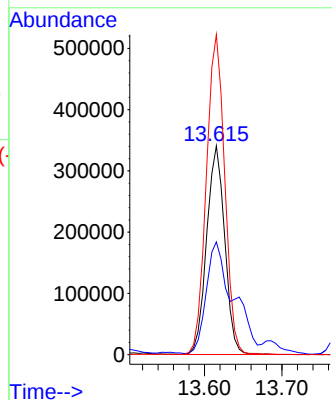
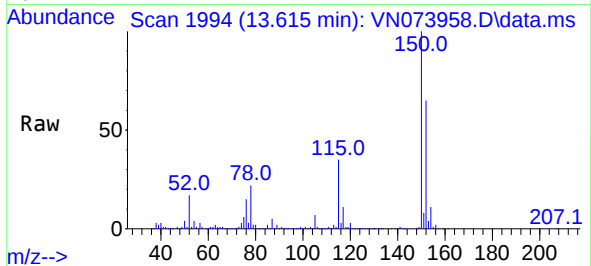




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

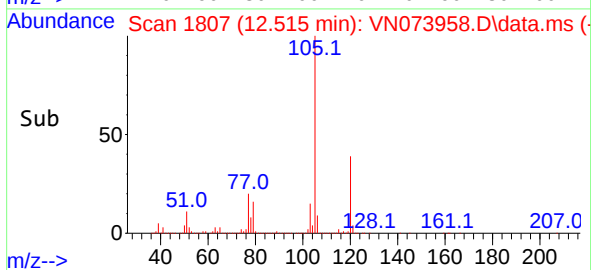
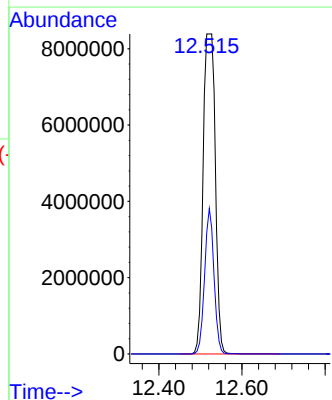
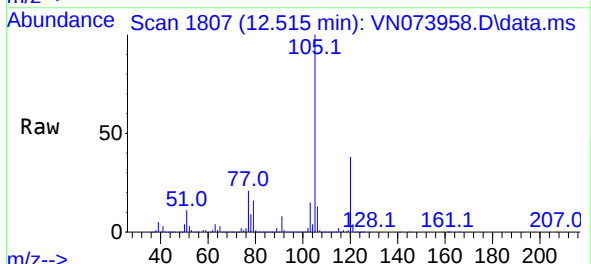
Instrument :
MSVOA_N
ClientSampleId :
MW-3

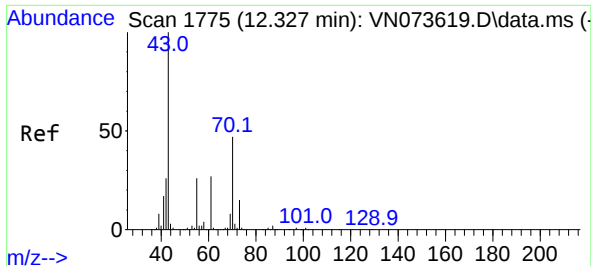
Tgt Ion:152 Resp: 552090
Ion Ratio Lower Upper
152 100
115 80.5 28.9 86.7
150 156.1 0.0 356.2



#73
Isopropylbenzene
Concen: 425.435 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion:105 Resp:17103120
Ion Ratio Lower Upper
105 100
120 34.9 13.5 40.4

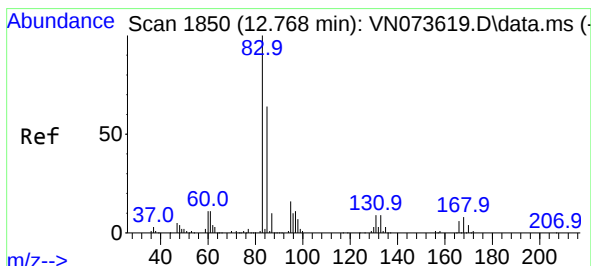
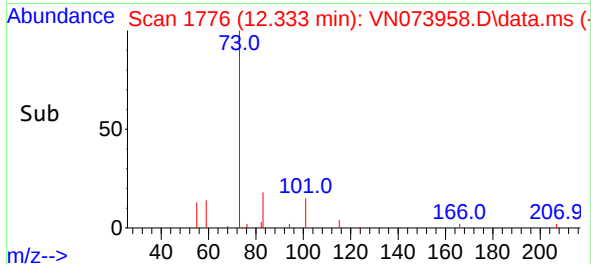
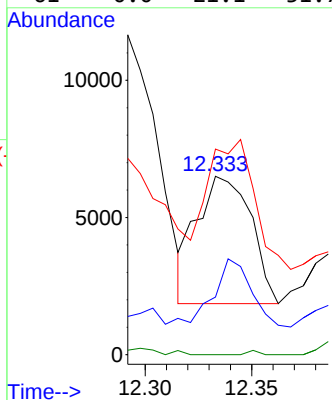
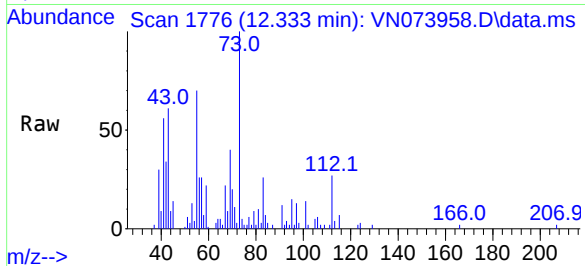




#74
N-amy1 acetate
Concen: 0.540 ug/l
RT: 12.333 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

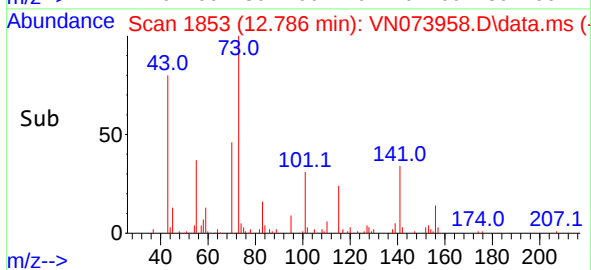
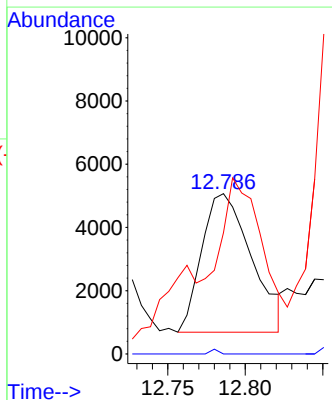
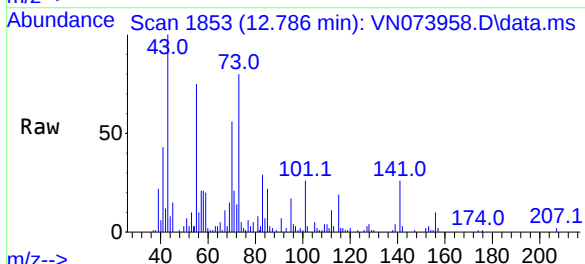
Instrument :
MSVOA_N
ClientSampleId :
MW-3

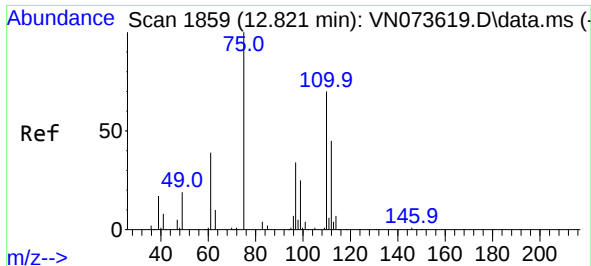
Tgt Ion: 43	Resp: 8214
Ion Ratio	Lower Upper
43 100	
70 35.8	39.0 58.4#
55 86.2	21.1 31.7#
61 0.0	21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.726 ug/l
RT: 12.786 min Scan# 1853
Delta R.T. 0.018 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 83	Resp:	9789	
Ion Ratio	Lower	Upper	
83 100			
131 0.6	5.3	15.9#	
85 101.4	32.3	96.9#	

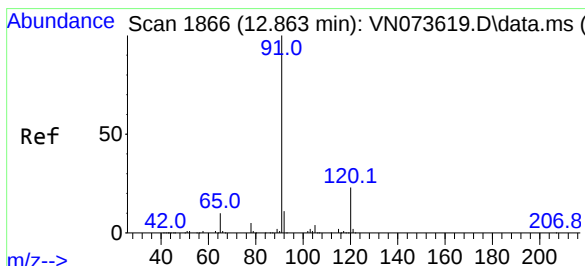
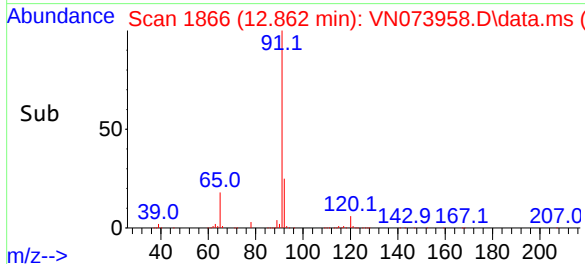
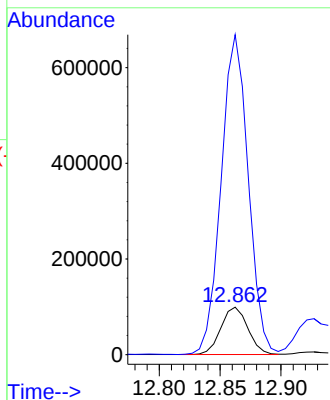
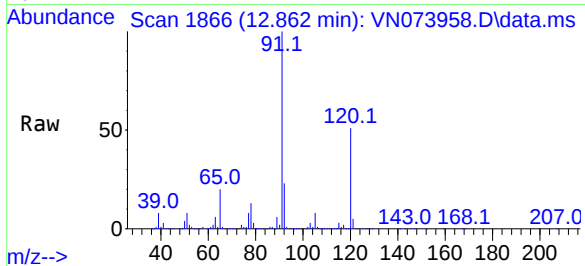




#76
1,2,3-Trichloropropane
Concen: 13.368 ug/l
RT: 12.862 min Scan# 1866
Delta R.T. 0.041 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

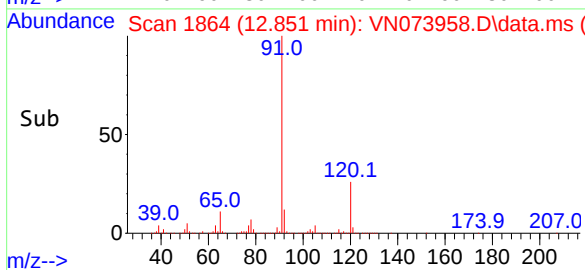
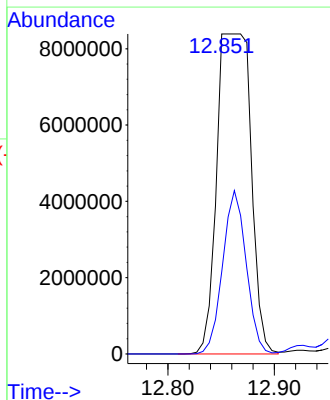
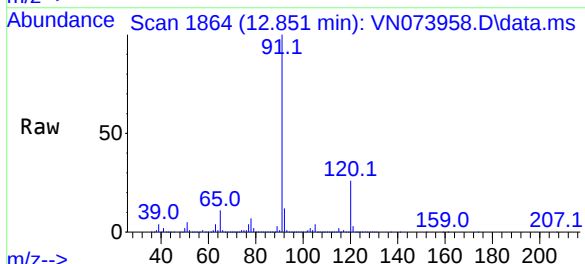
Instrument :
MSVOA_N
ClientSampleId :
MW-3

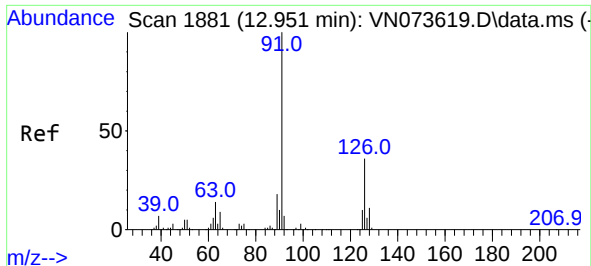
Tgt Ion: 75 Resp: 153403
Ion Ratio Lower Upper
75 100
77 675.0 98.5 295.5#



#78
n-propylbenzene
Concen: 435.147 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.012 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 91 Resp:18647284
Ion Ratio Lower Upper
91 100
120 35.3 11.9 35.5

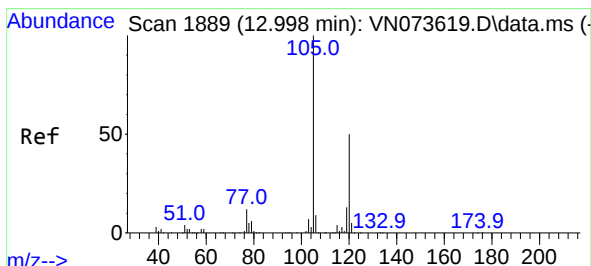
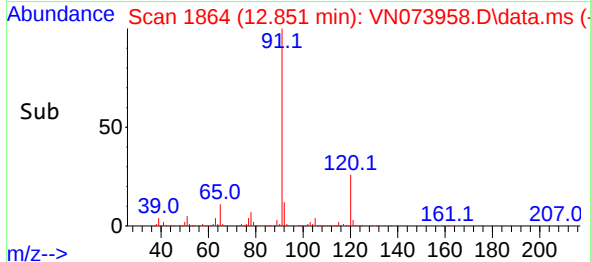
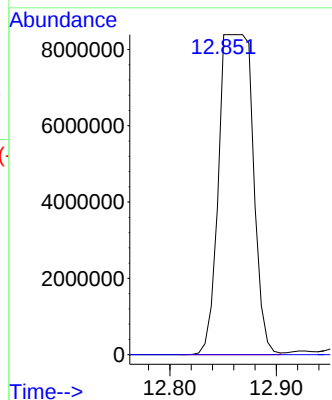
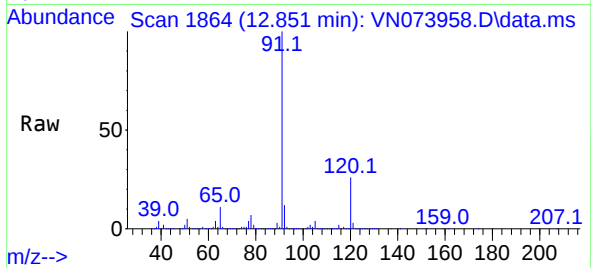




#79
2-Chlorotoluene
Concen: 698.272 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.100 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

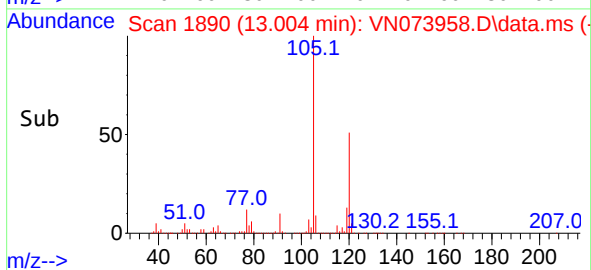
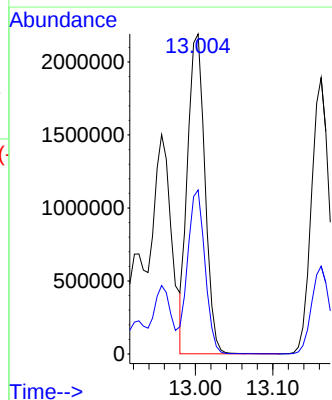
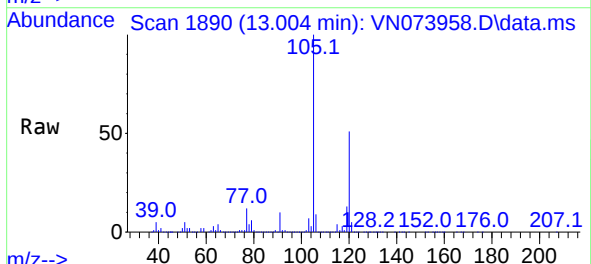
Instrument :
MSVOA_N
ClientSampleId :
MW-3

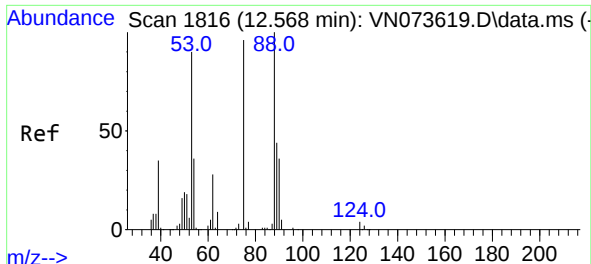
Tgt Ion: 91 Resp:18647284
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 103.676 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion:105 Resp: 3390142
Ion Ratio Lower Upper
105 100
120 52.6 24.9 74.7

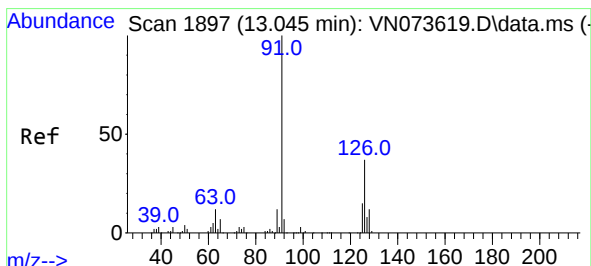
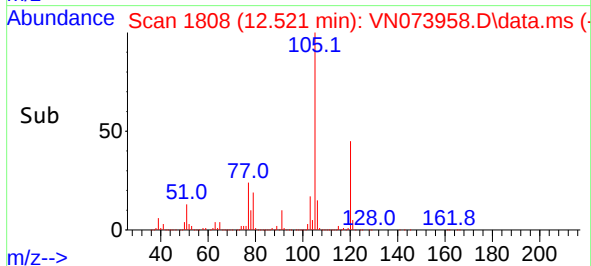
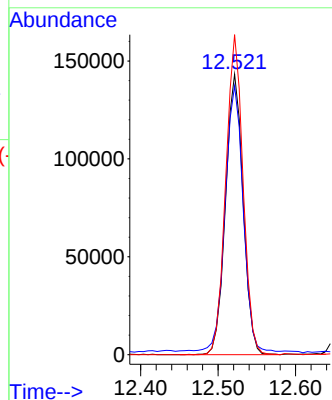
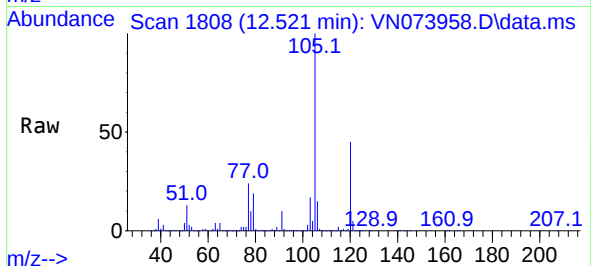




#81
trans-1,4-Dichloro-2-butene
Concen: 55.980 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.047 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

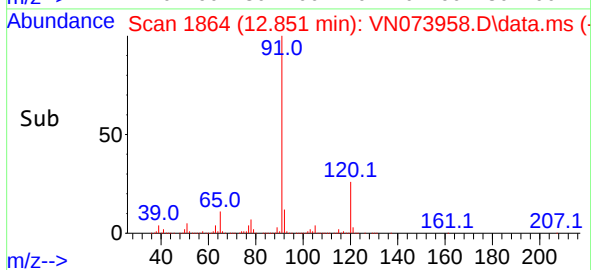
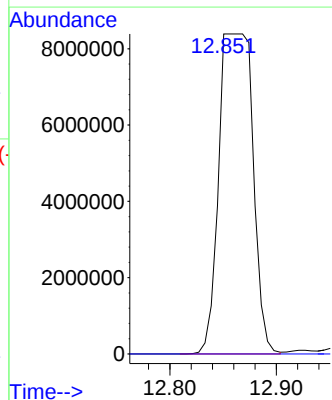
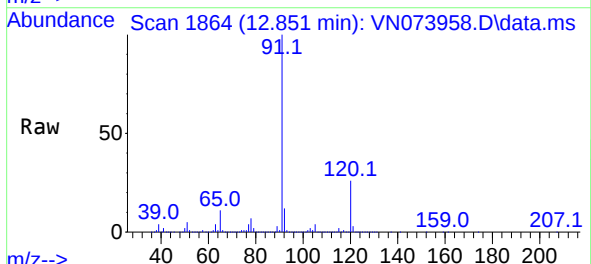
Instrument :
MSVOA_N
ClientSampleId :
MW-3

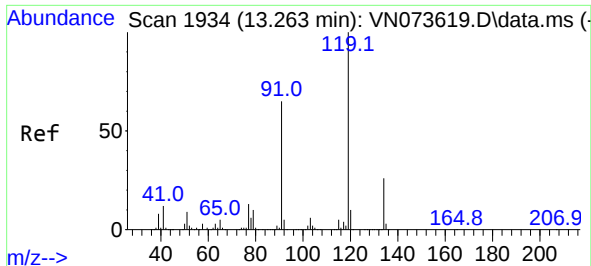
Tgt Ion: 75 Resp: 225855
Ion Ratio Lower Upper
75 100
53 96.7 78.0 117.0
89 112.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 735.191 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.194 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 91 Resp:18647284
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

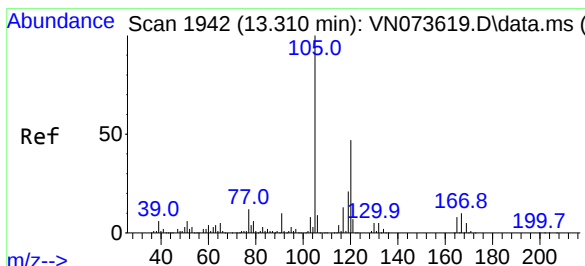
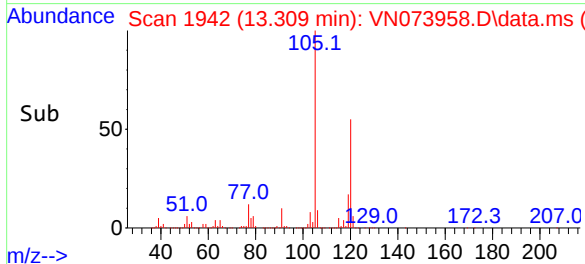
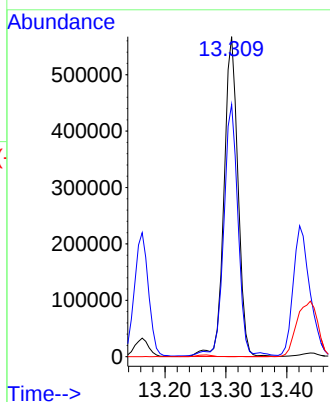
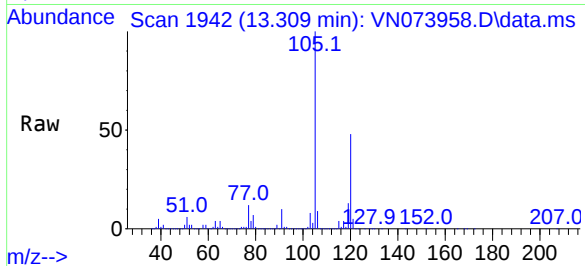




#83
tert-Butylbenzene
Concen: 29.977 ug/l
RT: 13.309 min Scan# 1934
Delta R.T. 0.046 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

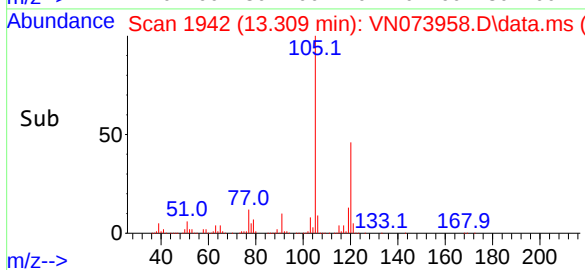
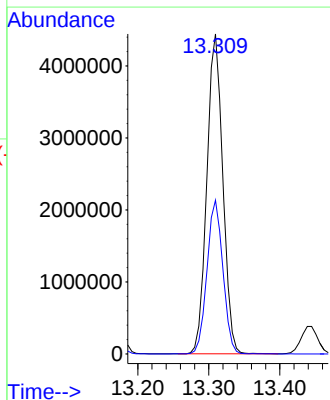
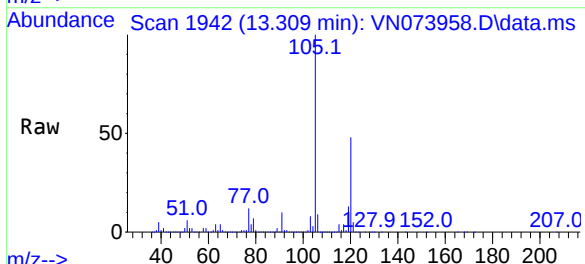
Instrument :
MSVOA_N
ClientSampleId :
MW-3

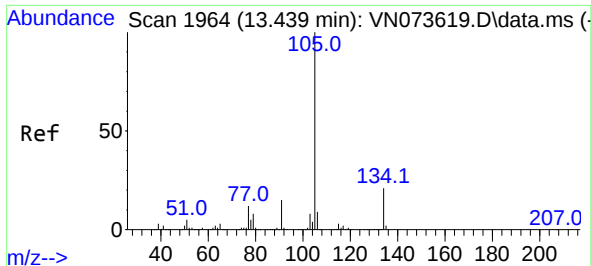
Tgt Ion:119 Resp: 902007
Ion Ratio Lower Upper
119 100
91 80.1 31.6 94.8
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 212.504 ug/l
RT: 13.309 min Scan# 1942
Delta R.T. -0.001 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion:105 Resp: 6939087
Ion Ratio Lower Upper
105 100
120 47.8 23.3 69.8

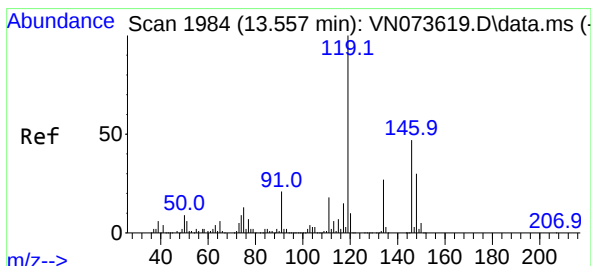
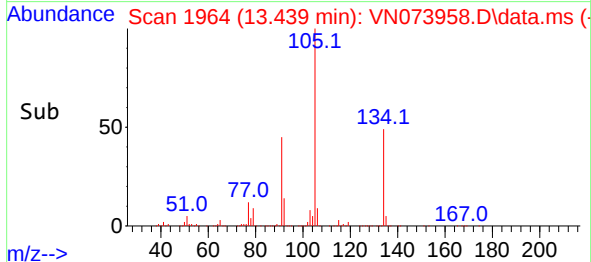
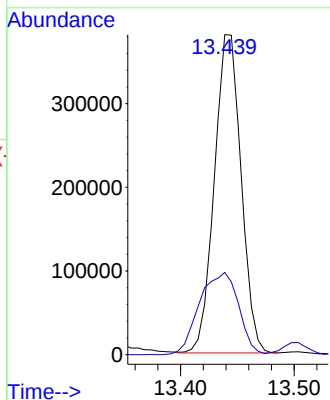
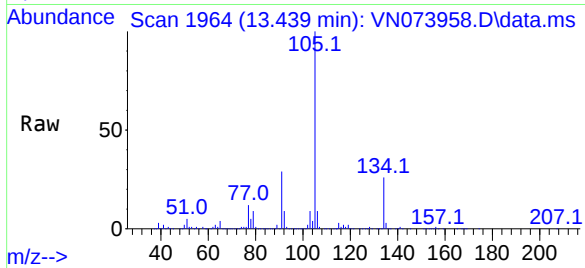




#85
 sec-Butylbenzene
 Concen: 15.959 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073958.D
 Acq: 16 Aug 2022 19:04

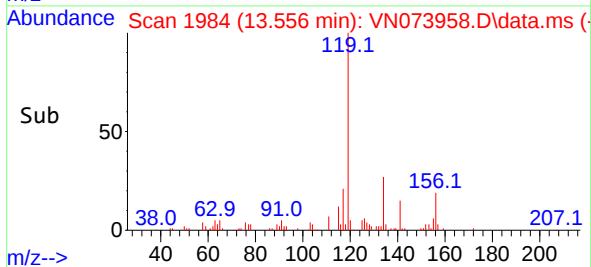
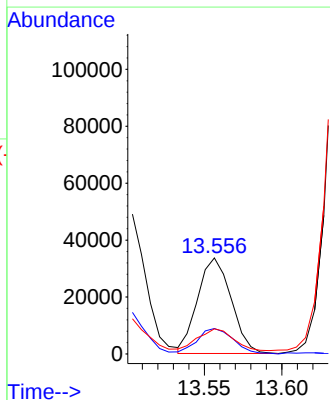
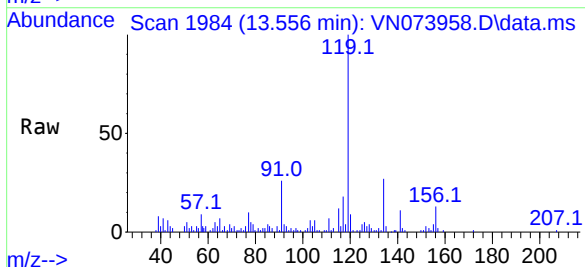
Instrument :
 MSVOA_N
 ClientSampleId :
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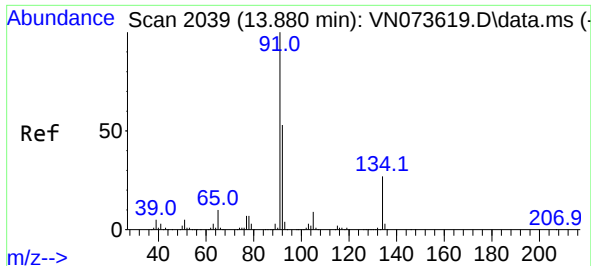
Tgt Ion:105 Resp: 622475
 Ion Ratio Lower Upper
 105 100
 134 37.8 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.521 ug/l
 RT: 13.556 min Scan# 1984
 Delta R.T. -0.001 min
 Lab File: VN073958.D
 Acq: 16 Aug 2022 19:04

Tgt Ion:119 Resp: 50532
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.3 39.8#
 91 0.0 11.3 33.9#

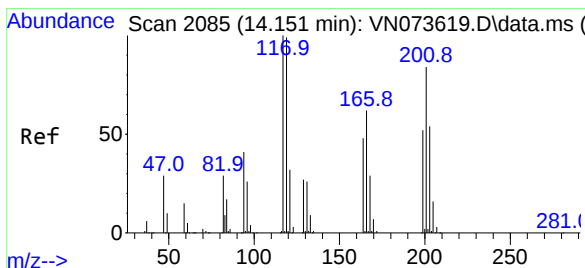
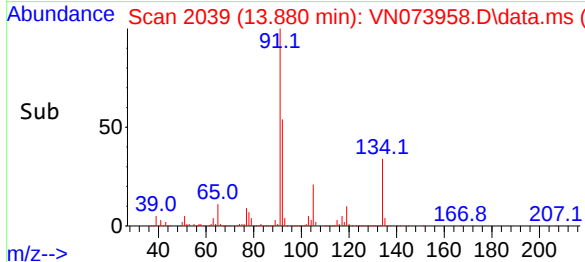
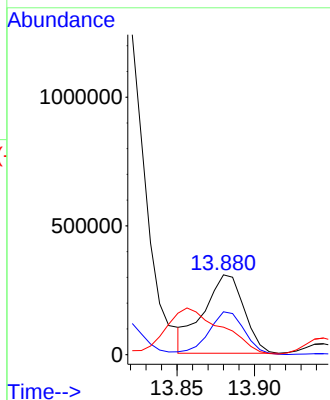
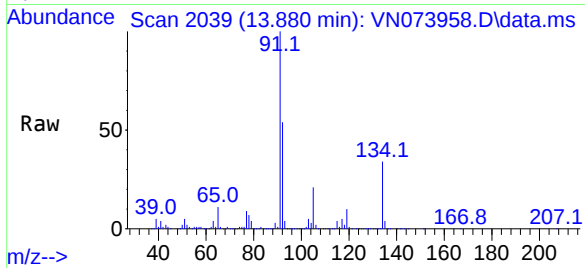




#89
n-Butylbenzene
Concen: 21.030 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

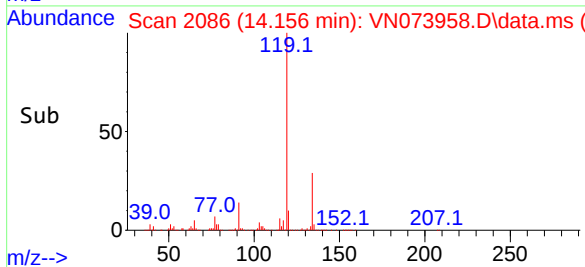
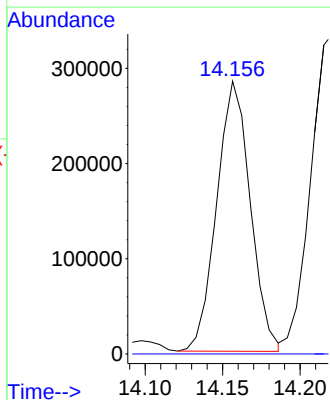
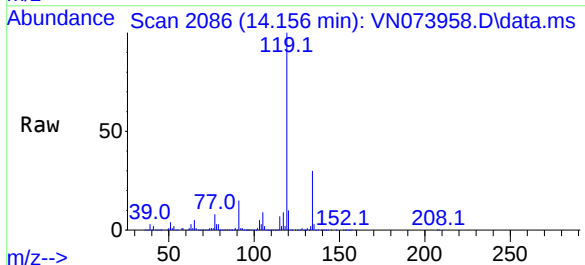
Instrument :
MSVOA_N
ClientSampleId :
MW-3

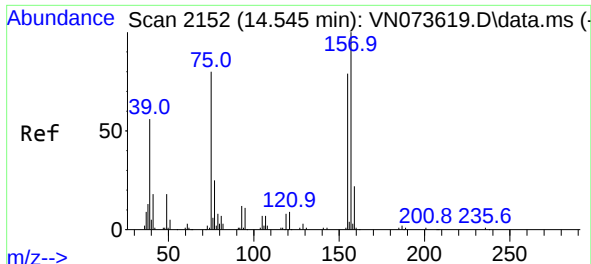
Tgt Ion: 91 Resp: 553500
Ion Ratio Lower Upper
91 100
92 48.8 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 70.425 ug/l
RT: 14.156 min Scan# 2086
Delta R.T. 0.005 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion: 117 Resp: 427751
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

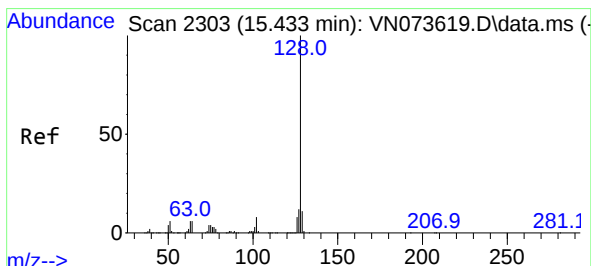
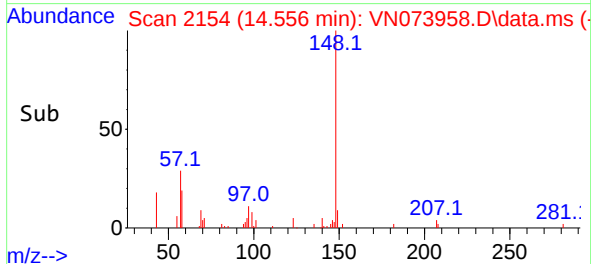
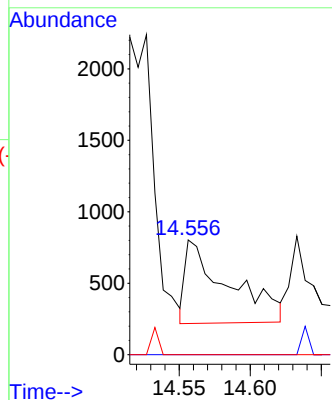
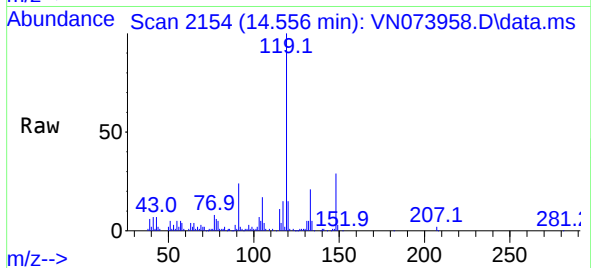




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.385 ug/l
RT: 14.556 min Scan# 2154
Delta R.T. 0.011 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion: 75 Resp: 1225
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#



#95
Naphthalene
Concen: 424.583 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073958.D
Acq: 16 Aug 2022 19:04

Tgt Ion:128 Resp:16417128
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.7 8.6 13.0

