

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069922.D
 Acq On : 9 Dec 2021 19:44
 Operator : JC/MD
 Sample : M4969-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28D

Quant Time: Dec 10 06:21:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1276879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2343115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2659812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	1206225	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	966608	49.029	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.060%
35) Dibromofluoromethane	8.021	113	703751	47.950	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.900%
50) Toluene-d8	10.440	98	3094886	52.516	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.040%
62) 4-Bromofluorobenzene	12.731	95	1372676	64.294	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	128.580%

Target Compounds			Qvalue			
3) Chloromethane	2.309	50	4711	0.252	ug/l #	87
11) Tert butyl alcohol	5.374	59	4676589	1254.915	ug/l	99
13) Acrolein	3.993	56	117765	37.108	ug/l #	1
14) Allyl chloride	4.964	41	143465	5.235	ug/l #	5
15) Acrylonitrile	5.616	53	57420	5.718	ug/l #	25
16) Acetone	4.288	43	228180	19.240	ug/l #	85
18) Methyl Acetate	5.082	43	831250	23.221	ug/l #	51
19) Methyl tert-butyl Ether	5.621	73	1847278	39.061	ug/l #	1
20) Methylene Chloride	4.950	84	8526	0.541	ug/l #	1
22) Diisopropyl ether	6.495	45	270879	5.057	ug/l	97
23) Vinyl Acetate	6.487	43	217004	4.979	ug/l #	74
24) 1,1-Dichloroethane	6.466	63	28027	1.010	ug/l #	83
25) 2-Butanone	7.343	43	67755	4.205	ug/l #	86
28) Bromochloromethane	7.847	49	15615	1.082	ug/l #	9
29) Tetrahydrofuran	7.699	42	16144	1.650	ug/l #	71
30) Chloroform	7.844	83	40121	1.432	ug/l #	35
31) Cyclohexane	8.096	56	1645615	59.979	ug/l	90
36) 1,1-Dichloropropene	8.088	75	112685	5.052	ug/l #	49
37) Ethyl Acetate	7.343	43	67755	2.041	ug/l #	68
38) Carbon Tetrachloride	8.086	117	131143	5.996	ug/l #	16
39) Methylcyclohexane	9.461	83	670923	25.287	ug/l	90
41) Methacrylonitrile	7.678	41	42640	2.736	ug/l #	40
42) 1,2-Dichloroethane	8.461	62	337162	12.250	ug/l	95
43) Isopropyl Acetate	8.536	43	266816	5.431	ug/l #	55
45) 1,2-Dichloropropane	9.453	63	9279	0.507	ug/l #	1
47) Bromodichloromethane	9.748	83	14163	0.623	ug/l #	25
48) Methyl methacrylate	9.641	41	88506	3.860	ug/l #	73
51) 4-Methyl-2-Pentanone	10.443	43	28696	0.900	ug/l #	1
52) Toluene	10.505	92	654257	15.718	ug/l	100
53) t-1,3-Dichloropropene	10.875	75	2981	2.897	ug/l #	1
54) cis-1,3-Dichloropropene	10.167	75	189	2.005	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	33809	2.013	ug/l #	20
56) Ethyl methacrylate	10.784	69	3881	2.396	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.030	63	5686	19.004	ug/l #	45
59) 2-Hexanone	11.127	43	106415	4.414	ug/l	81
60) Dibromochloromethane	11.508	129	97	2.381	ug/l	74

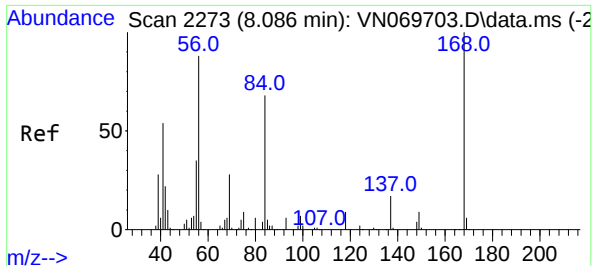
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
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 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	11.843	91	549552	5.607	ug/l	97
68) m/p-Xylenes	11.948	106	4373070	122.534	ug/l	93
69) o-Xylene	12.280	106	221313	6.156	ug/l	92
70) Styrene	12.278	104	12250	0.215	ug/l #	1
71) Bromoform	12.707	173	140	2.739	ug/l #	29
73) Isopropylbenzene	12.578	105	3604548	33.587	ug/l	98
74) N-amyl acetate	12.355	43	25387	0.535	ug/l #	26
75) 1,1,2,2-Tetrachloroethane	12.846	83	26426	0.712	ug/l #	26
76) 1,2,3-Trichloropropane	12.919	75	68004	1.966	ug/l #	1
78) n-propylbenzene	12.919	91	10158963	85.067	ug/l	96
79) 2-Chlorotoluene	12.919	91	10158963	134.626	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	372237	4.309	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.578	75	47256	8.169	ug/l #	72
82) 4-Chlorotoluene	12.919	91	10158963	143.154	ug/l #	38
84) 1,2,4-Trimethylbenzene	13.366	105	164250	1.997	ug/l	97
85) sec-Butylbenzene	13.501	105	261514	2.521	ug/l #	70
86) p-Isopropyltoluene	13.560	119	38491	0.475	ug/l #	50
89) n-Butylbenzene	13.940	91	259015	3.937	ug/l #	79
90) Hexachloroethane	14.217	117	238689	16.764	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.541	75	10208	1.522	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.268	180	821	2.917	ug/l #	86
95) Naphthalene	15.504	128	4778560	78.588	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	448	2.458	ug/l #	40

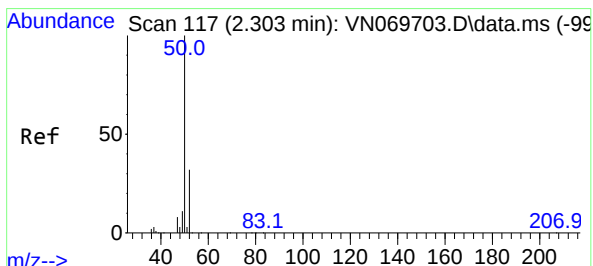
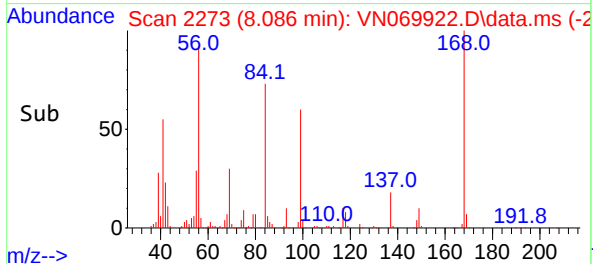
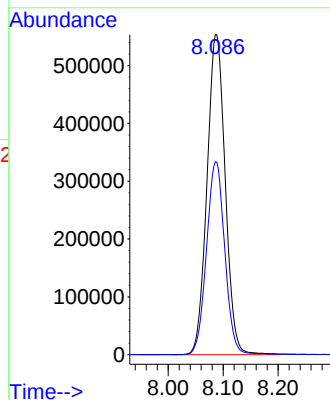
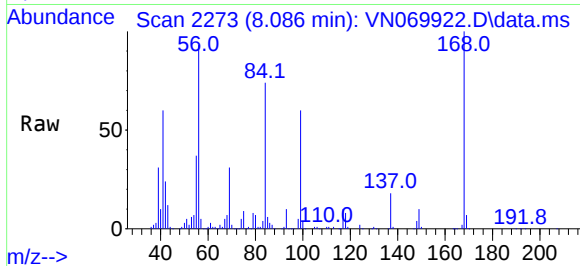
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

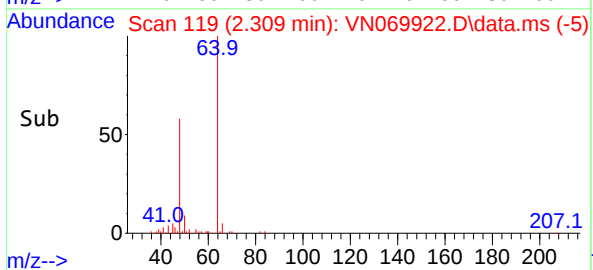
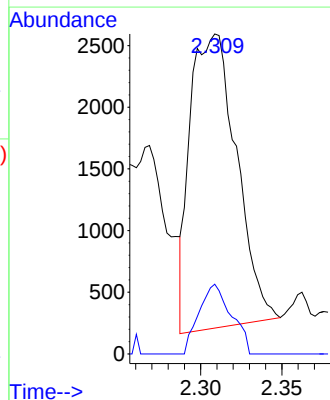
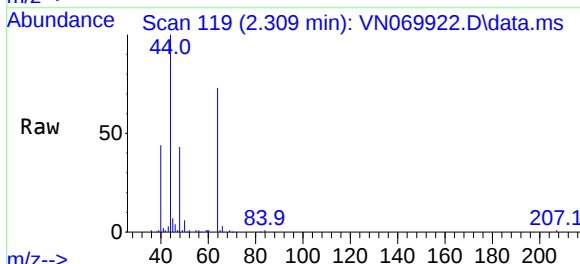
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

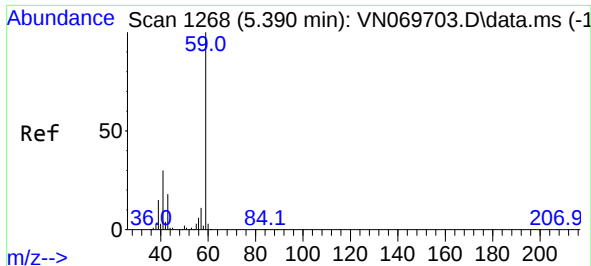
Tgt Ion:168 Resp: 1276879
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#3
Chloromethane
Concen: 0.252 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.005 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 50 Resp: 4711
Ion Ratio Lower Upper
50 100
52 24.6 25.4 38.0#

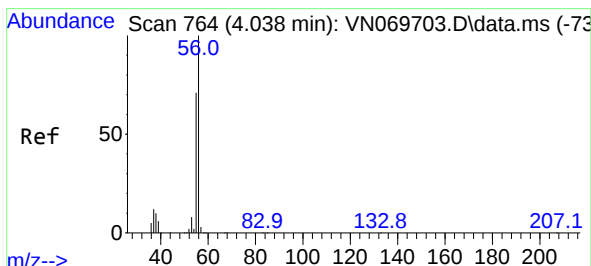
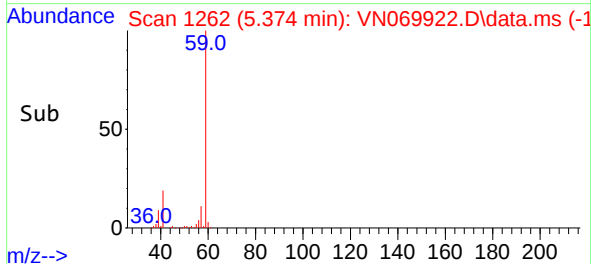
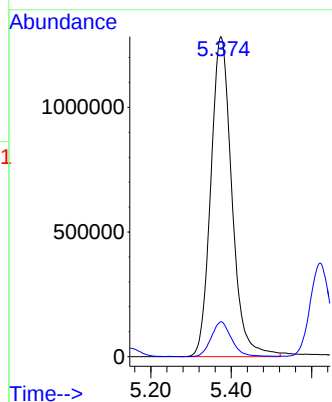
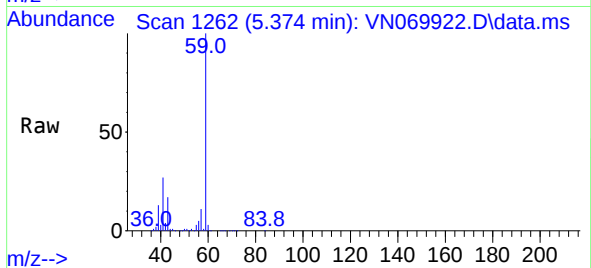




#11
Tert butyl alcohol
Concen: 1254.915 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

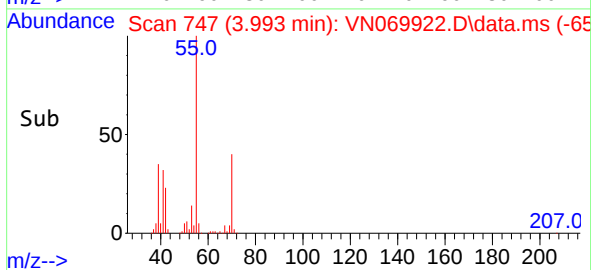
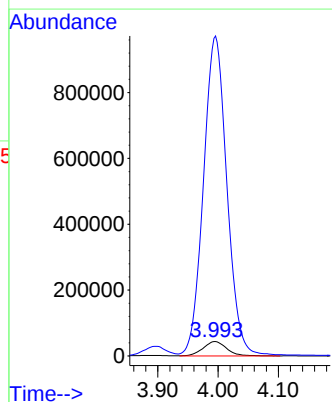
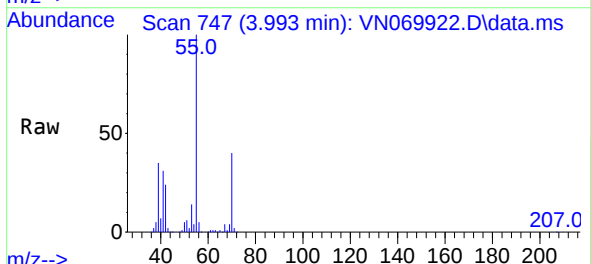
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MSVOA_N
ClientSampleId :
MW-28D

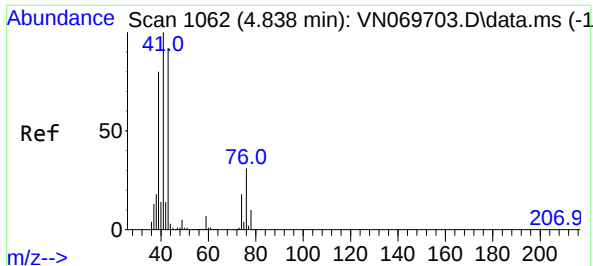
Tgt Ion: 59 Resp: 4676589
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1



#13
Acrolein
Concen: 37.108 ug/l
RT: 3.993 min Scan# 747
Delta R.T. -0.045 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 56 Resp: 117765
Ion Ratio Lower Upper
56 100
55 2213.1 56.6 85.0#





#14

Allyl chloride

Concen: 5.235 ug/l

RT: 4.964 min Scan# 1109

Delta R.T. 0.126 min

Lab File: VN069922.D

Acq: 9 Dec 2021 19:44

Instrument :

MSVOA_N

ClientSampleId :

MW-28D

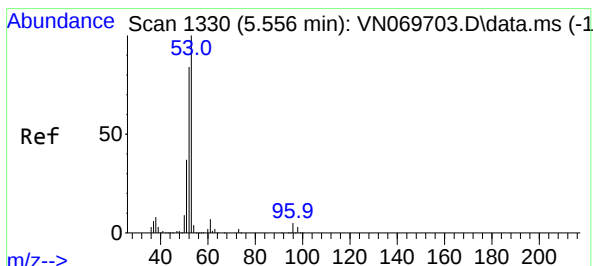
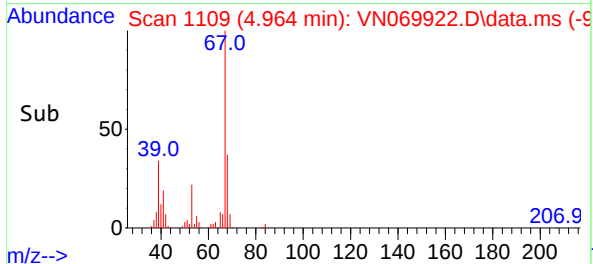
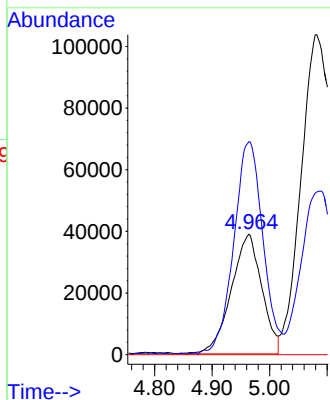
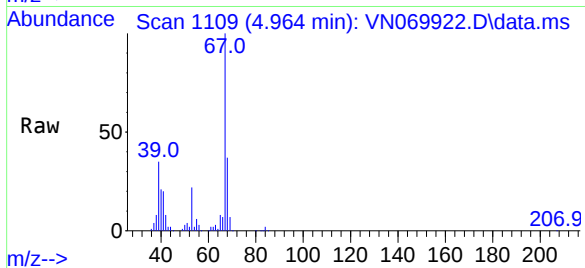
Tgt Ion: 41 Resp: 143465

Ion Ratio Lower Upper

41 100

39 171.5 61.2 91.8#

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 5.718 ug/l

RT: 5.616 min Scan# 1352

Delta R.T. 0.059 min

Lab File: VN069922.D

Acq: 9 Dec 2021 19:44

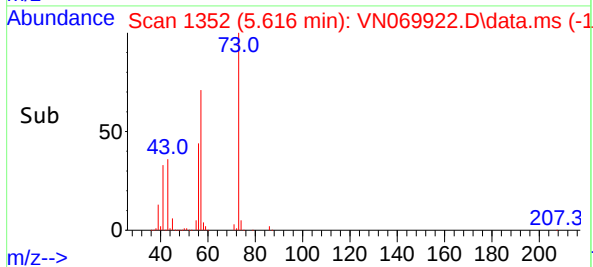
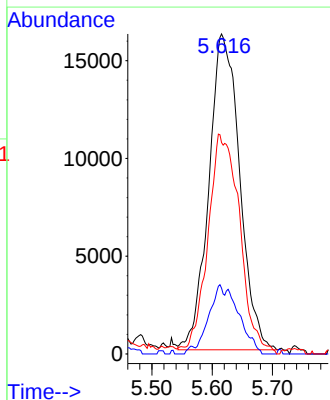
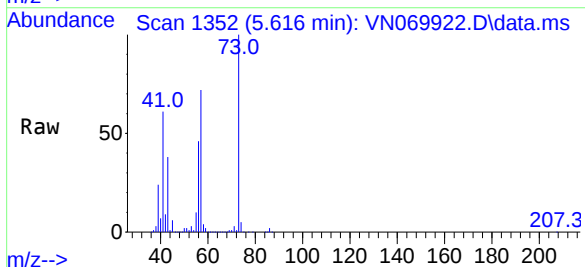
Tgt Ion: 53 Resp: 57420

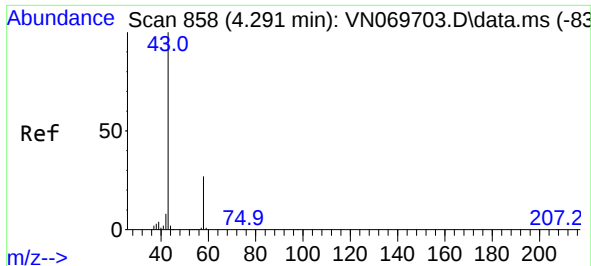
Ion Ratio Lower Upper

53 100

52 9.3 66.2 99.2#

51 71.8 29.6 44.4#

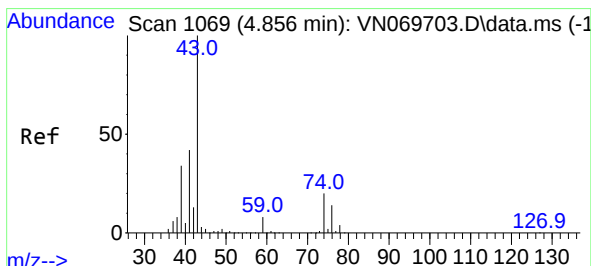
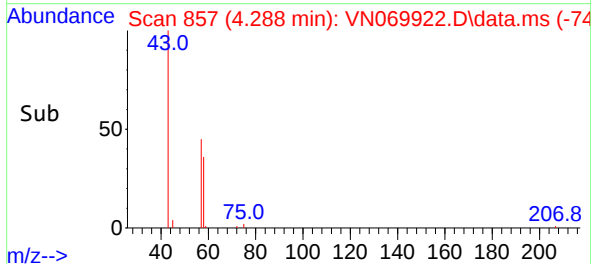
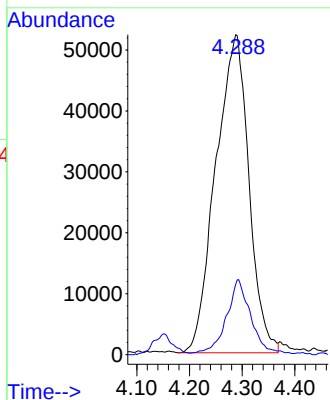
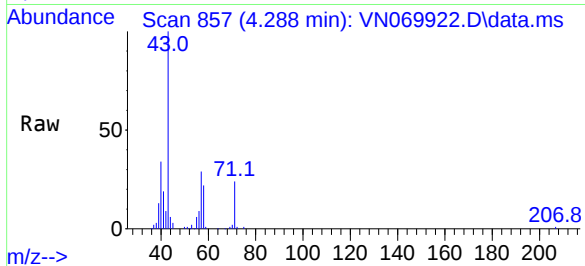




#16
Acetone
Concen: 19.240 ug/l
RT: 4.288 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

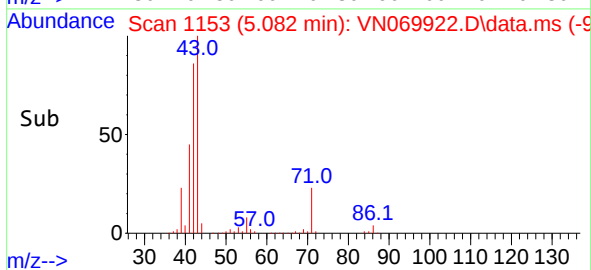
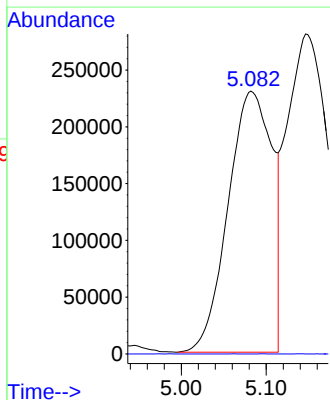
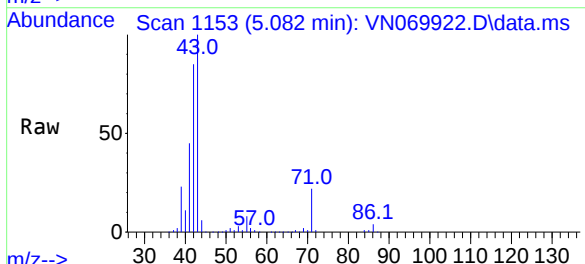
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

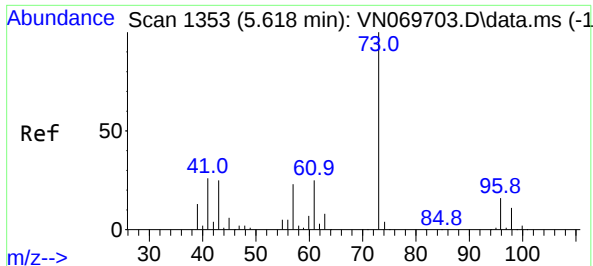
Tgt Ion: 43 Resp: 228180
Ion Ratio Lower Upper
43 100
58 21.1 23.1 34.7#



#18
Methyl Acetate
Concen: 23.221 ug/l
RT: 5.082 min Scan# 1153
Delta R.T. 0.225 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 43 Resp: 831250
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 39.061 ug/l

RT: 5.621 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VN069922.D

Acq: 9 Dec 2021 19:44

Instrument :

MSVOA_N

ClientSampleId :

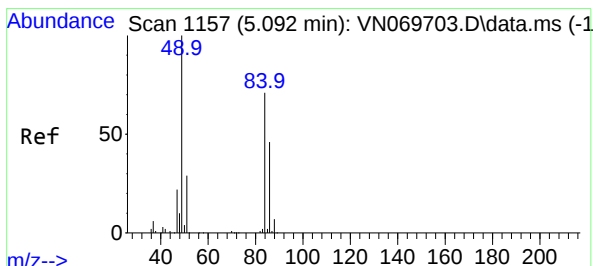
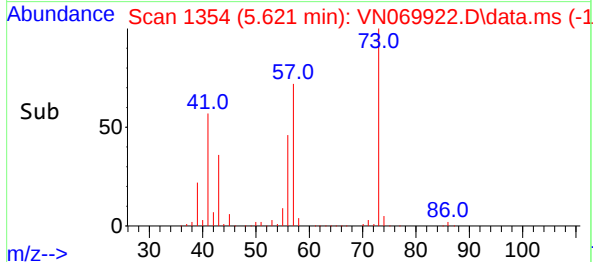
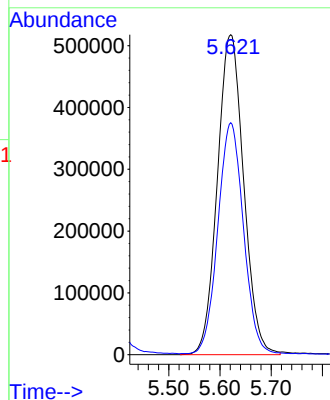
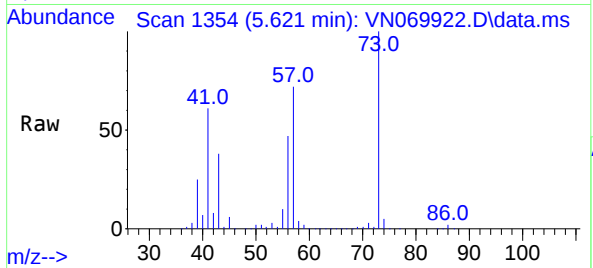
MW-28D

Tgt Ion: 73 Resp: 1847278

Ion Ratio Lower Upper

73 100

57 72.2 16.8 25.2#



#20

Methylene Chloride

Concen: 0.541 ug/l

RT: 4.950 min Scan# 1104

Delta R.T. -0.142 min

Lab File: VN069922.D

Acq: 9 Dec 2021 19:44

Tgt Ion: 84 Resp: 8526

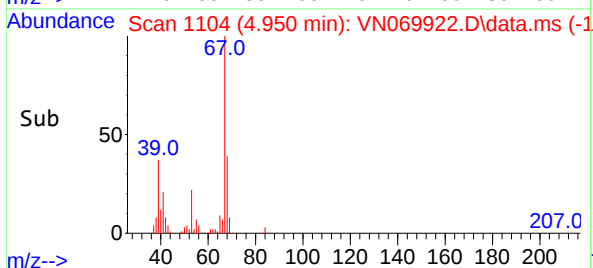
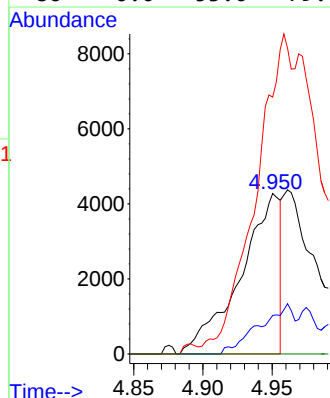
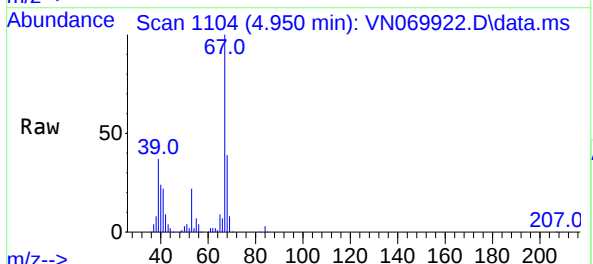
Ion Ratio Lower Upper

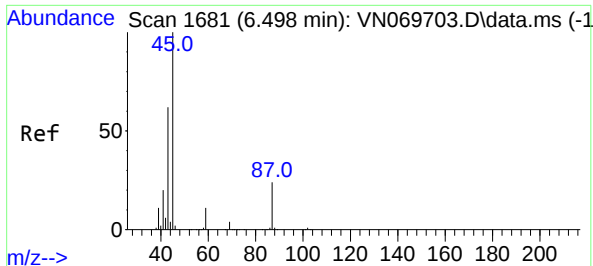
84 100

49 24.1 93.5 140.3#

51 160.0 29.4 44.2#

86 0.0 53.0 79.4#



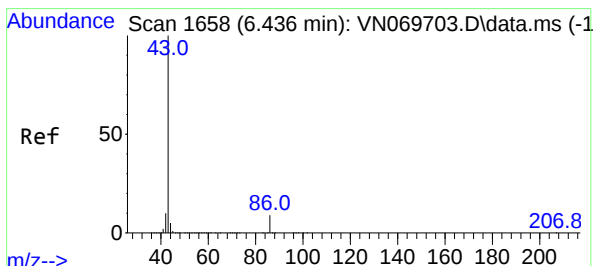
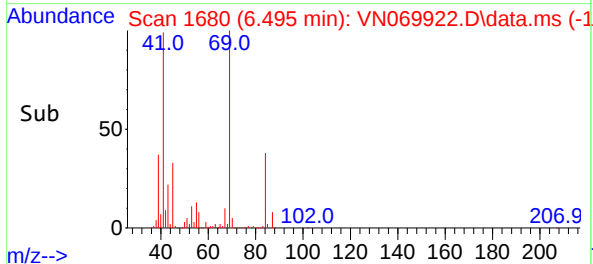
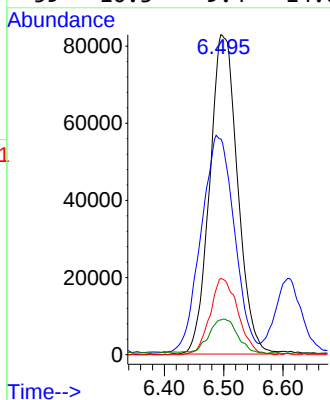
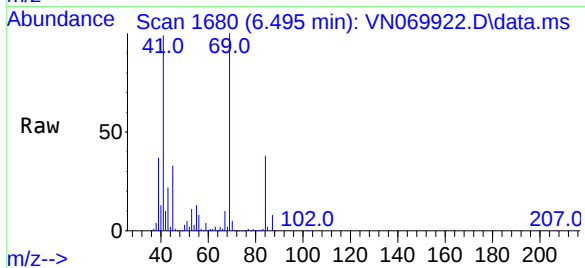


#22
Diisopropyl ether
Concen: 5.057 ug/l
RT: 6.495 min Scan# 1677
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Instrument :
MSVOA_N
ClientSampleId :
MW-28D

Tgt Ion: 45 Resp: 270879

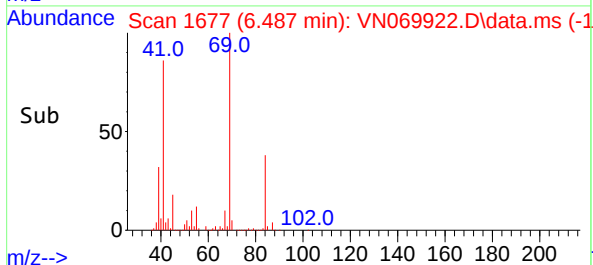
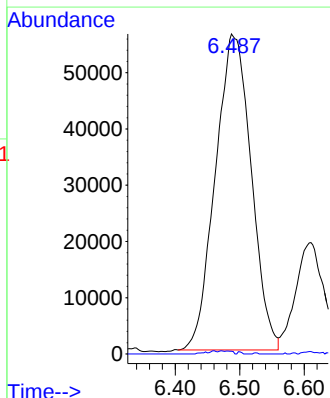
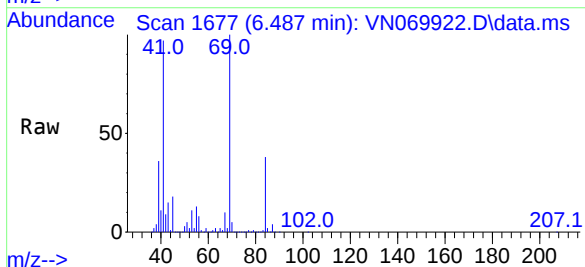
Ion	Ratio	Lower	Upper
45	100		
43	64.9	51.7	77.5
87	23.9	23.2	34.8
59	10.3	9.4	14.0

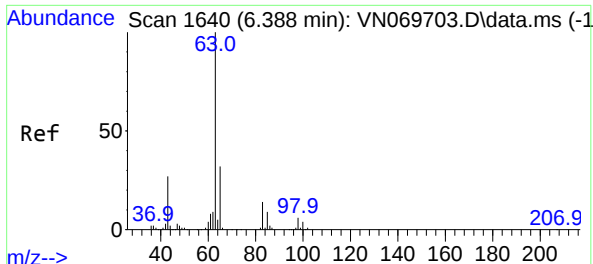


#23
Vinyl Acetate
Concen: 4.979 ug/l
RT: 6.487 min Scan# 1677
Delta R.T. 0.051 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 43 Resp: 217004

Ion	Ratio	Lower	Upper
43	100		
86	0.9	8.5	12.7#

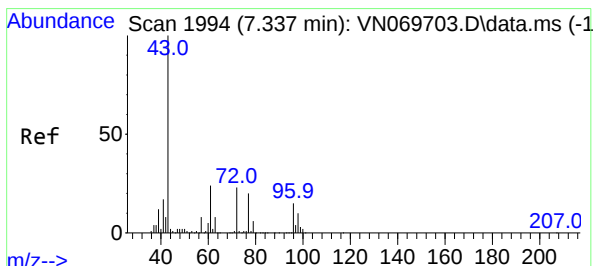
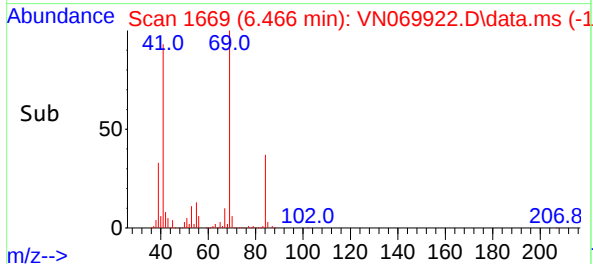
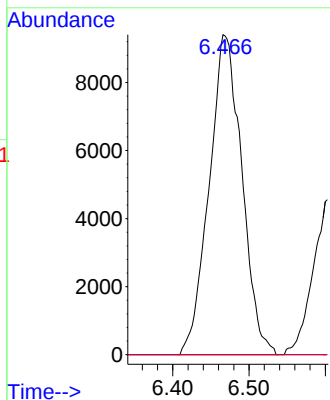
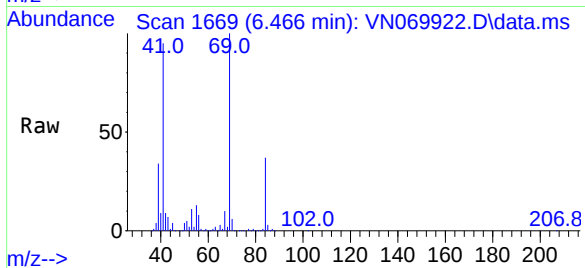




#24
1,1-Dichloroethane
Concen: 1.010 ug/l
RT: 6.466 min Scan# 1
Delta R.T. 0.078 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

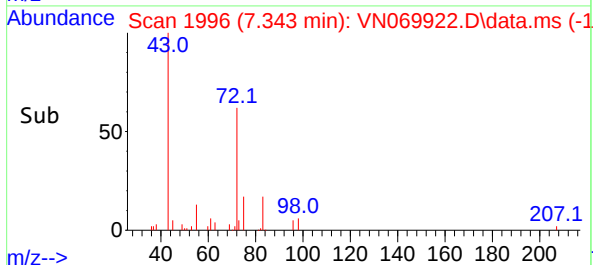
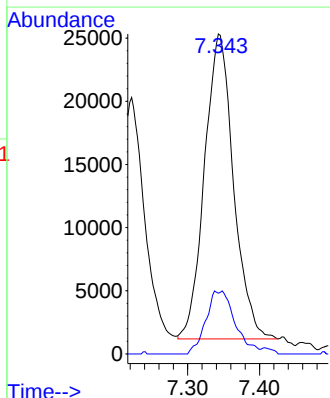
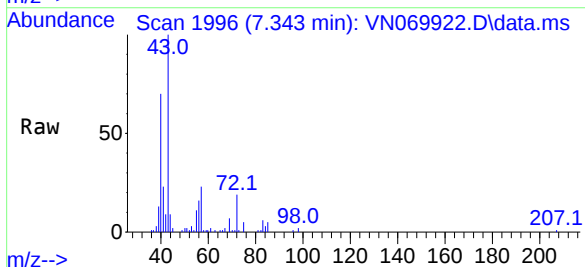
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

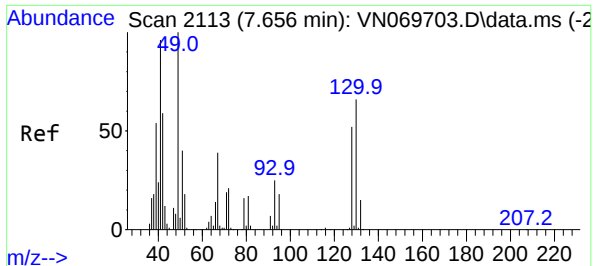
Tgt Ion: 63 Resp: 28027
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.5#



#25
2-Butanone
Concen: 4.205 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.005 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 43 Resp: 67755
Ion Ratio Lower Upper
43 100
72 19.9 21.7 32.5#

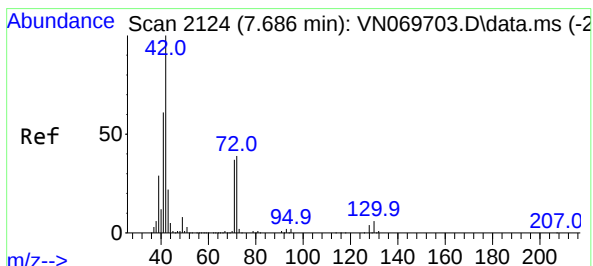
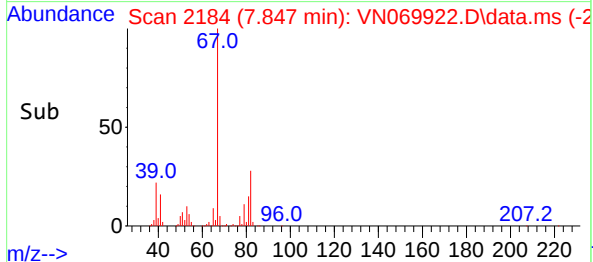
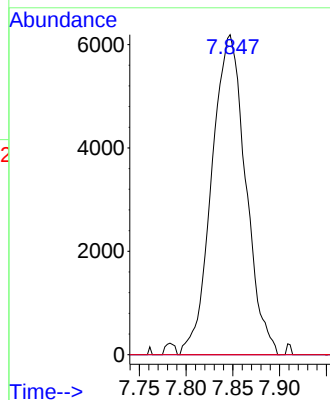
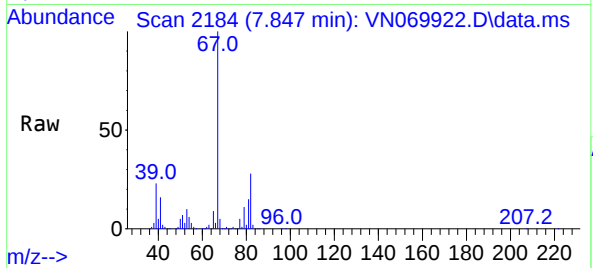




#28
Bromochloromethane
Concen: 1.082 ug/l
RT: 7.847 min Scan# 2113
Delta R.T. 0.191 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

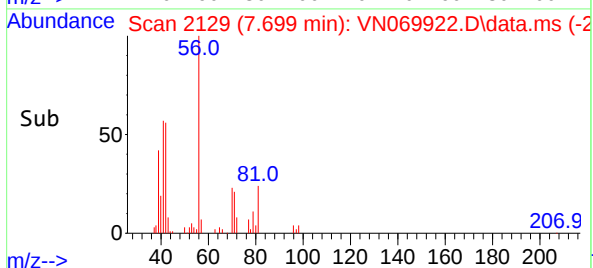
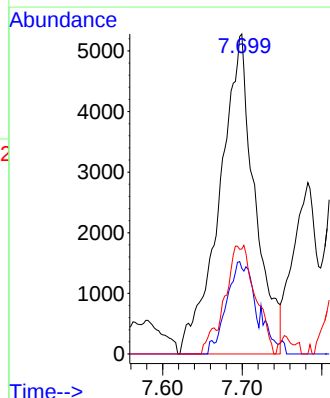
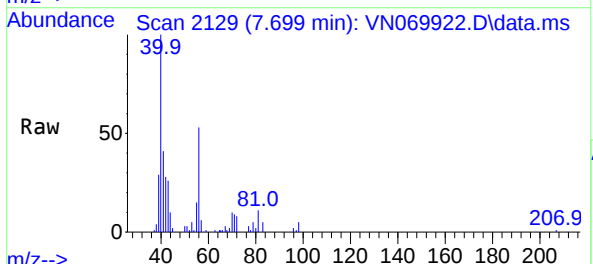
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

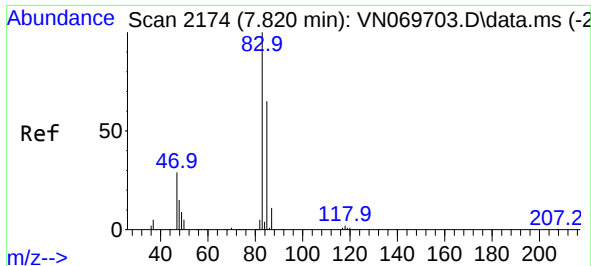
Tgt Ion: 49 Resp: 15615
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 67.8 101.8#



#29
Tetrahydrofuran
Concen: 1.650 ug/l
RT: 7.699 min Scan# 2129
Delta R.T. 0.014 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 42 Resp: 16144
Ion Ratio Lower Upper
42 100
72 21.4 36.3 54.5#
71 29.8 34.7 52.1#





#30

Chloroform

Concen: 1.432 ug/l

RT: 7.844 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN069922.D

Acq: 9 Dec 2021 19:44

Instrument :

MSVOA_N

ClientSampleId :

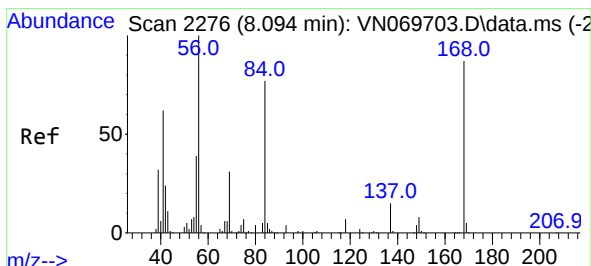
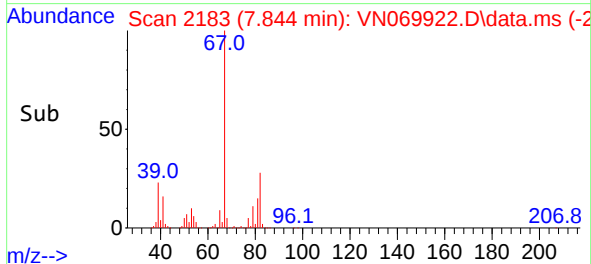
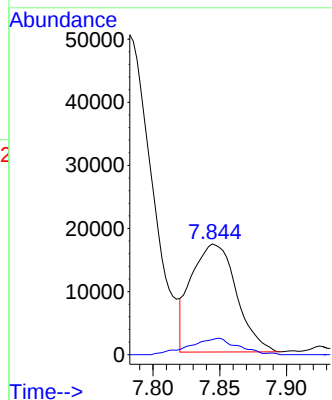
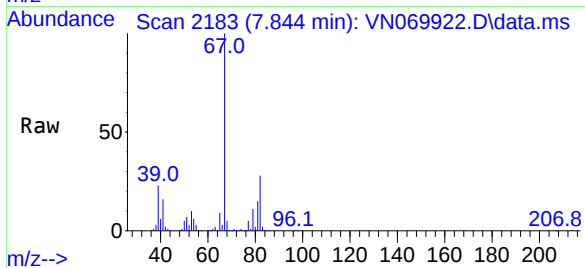
MW-28D

Tgt Ion: 83 Resp: 40121

Ion Ratio Lower Upper

83 100

85 13.9 51.9 77.9#



#31

Cyclohexane

Concen: 59.979 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. 0.003 min

Lab File: VN069922.D

Acq: 9 Dec 2021 19:44

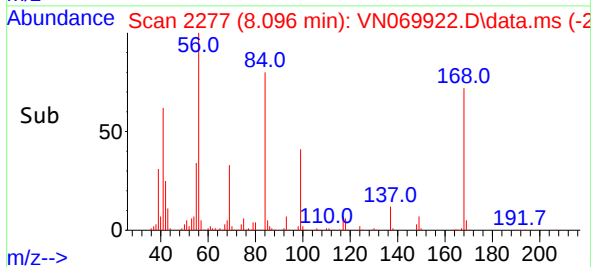
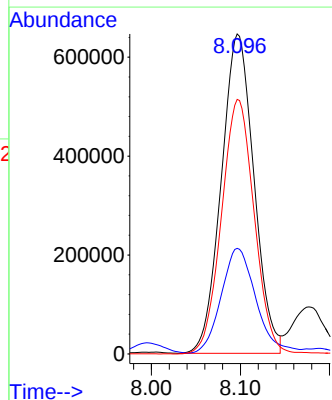
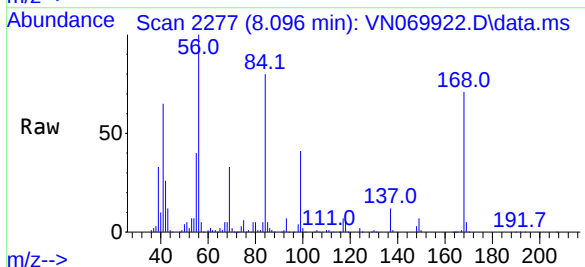
Tgt Ion: 56 Resp: 1645615

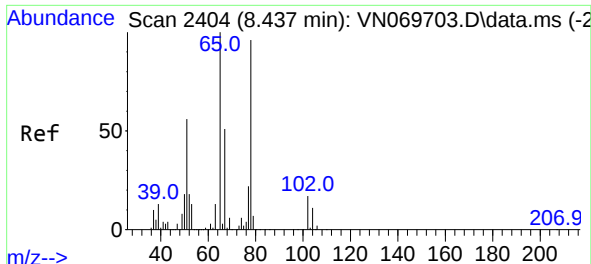
Ion Ratio Lower Upper

56 100

69 32.5 27.1 40.7

84 79.7 73.4 110.0

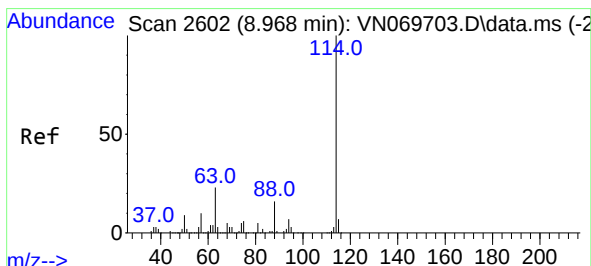
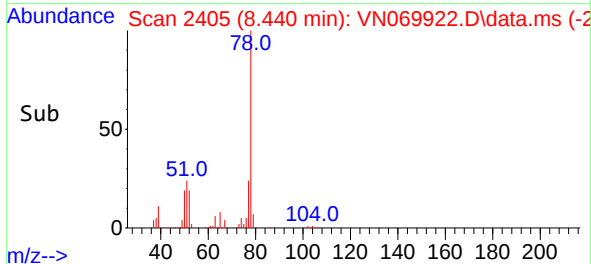
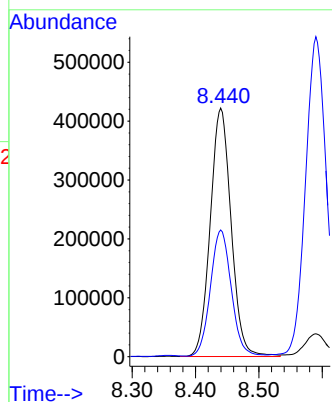
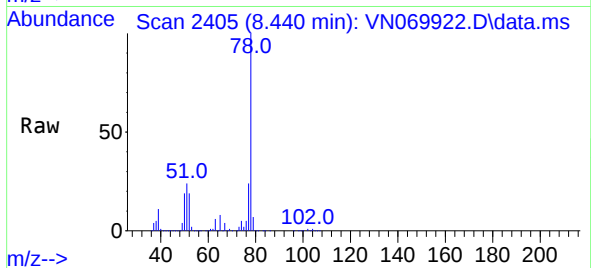




#33
1,2-Dichloroethane-d4
Concen: 49.029 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

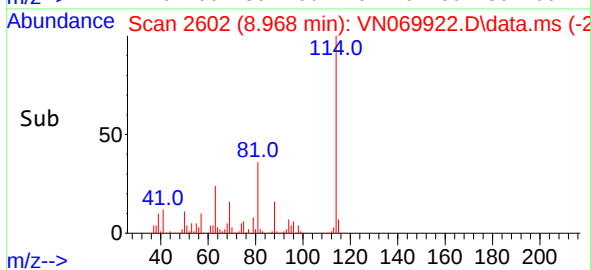
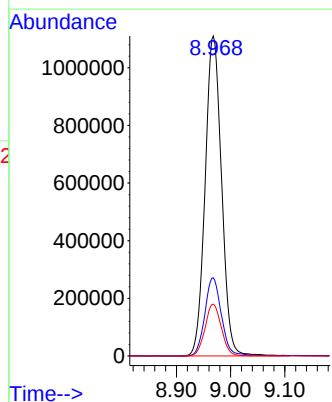
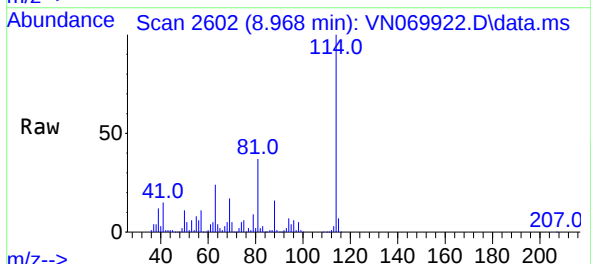
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

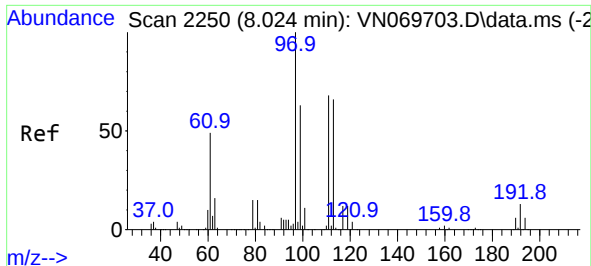
Tgt Ion: 65 Resp: 966608
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion:114 Resp: 2343115
Ion Ratio Lower Upper
114 100
63 24.4 0.0 37.8
88 16.2 0.0 27.4

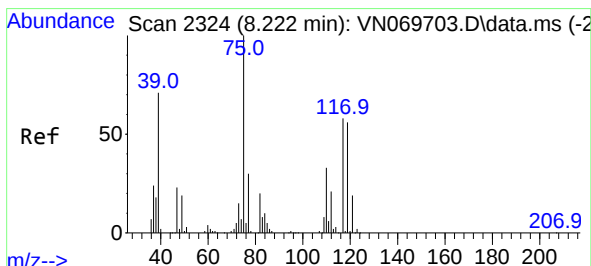
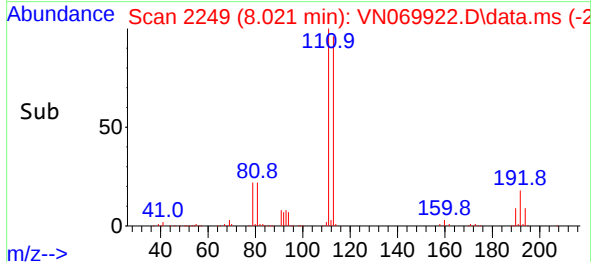
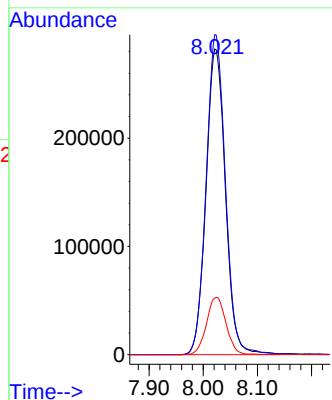
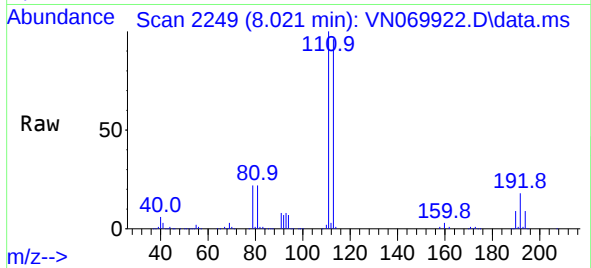




#35
Dibromofluoromethane
Concen: 47.950 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

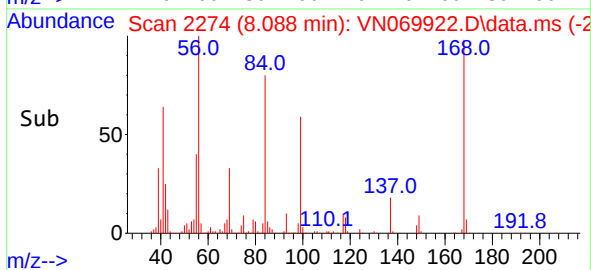
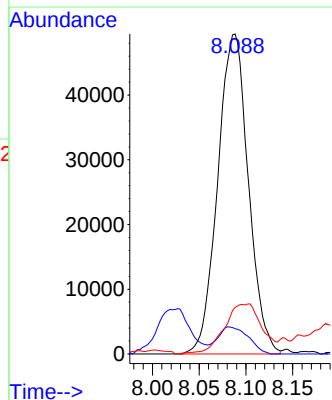
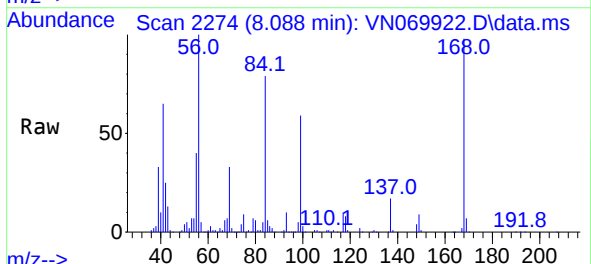
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

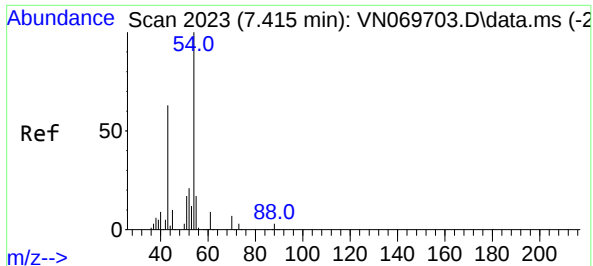
Tgt Ion:113 Resp: 703751
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.052 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 75 Resp: 112685
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#

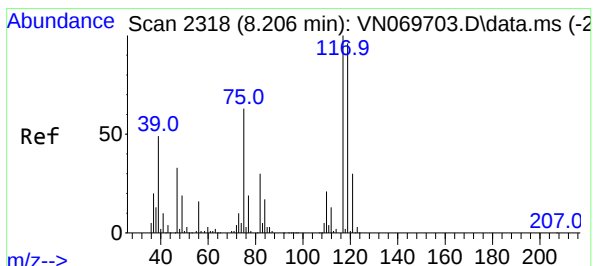
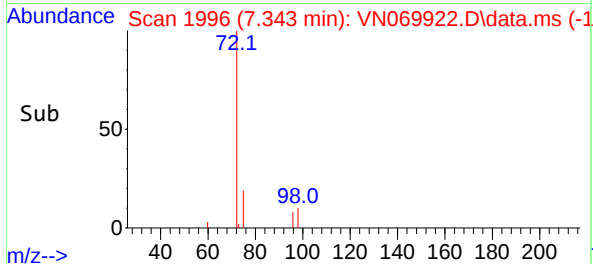
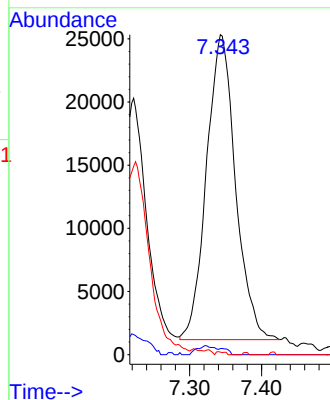
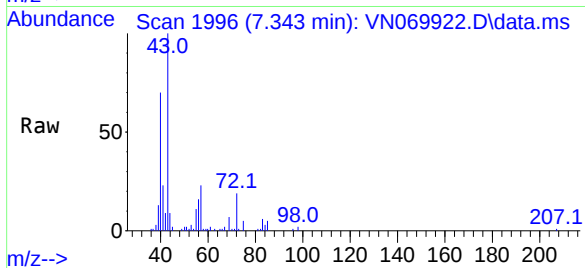




#37
Ethyl Acetate
Concen: 2.041 ug/l
RT: 7.343 min Scan# 19
Delta R.T. -0.072 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

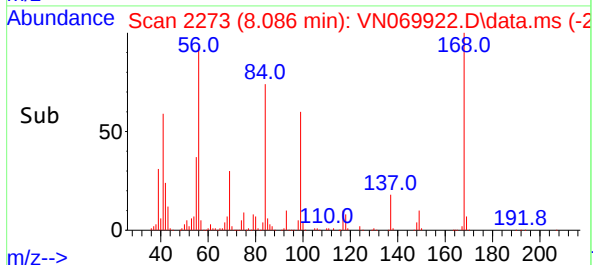
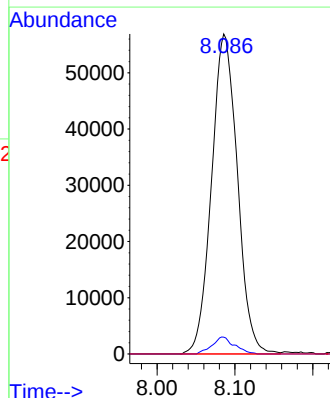
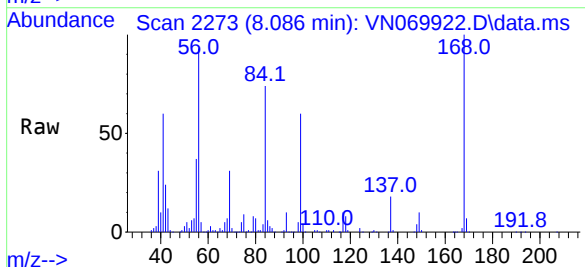
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

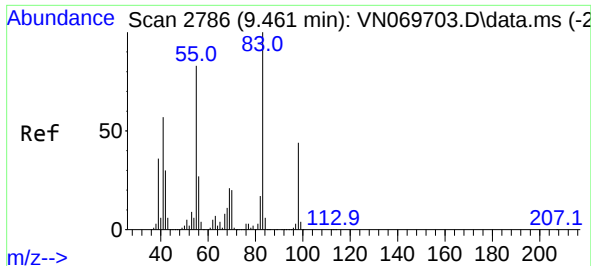
Tgt Ion: 43 Resp: 67755
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 117 Resp: 131143
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#

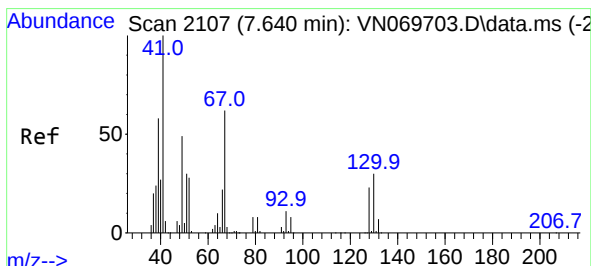
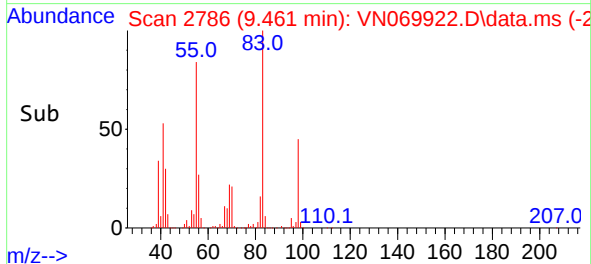
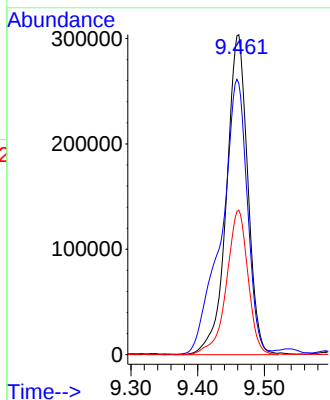
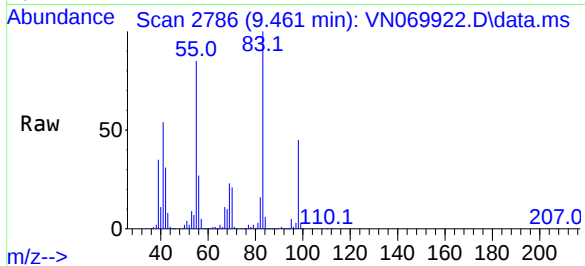




#39
Methylcyclohexane
Concen: 25.287 ug/l
RT: 9.461 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

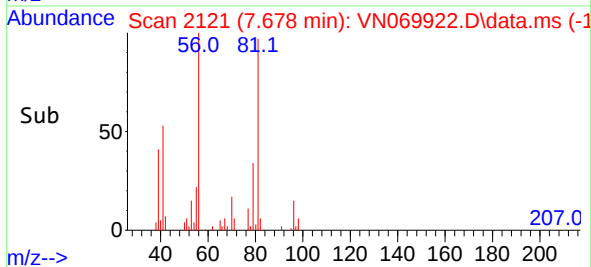
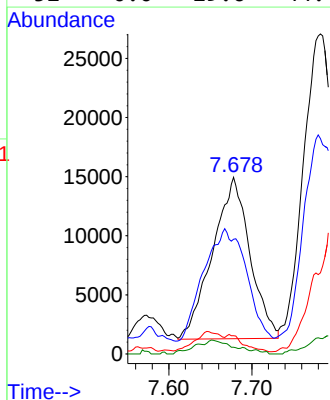
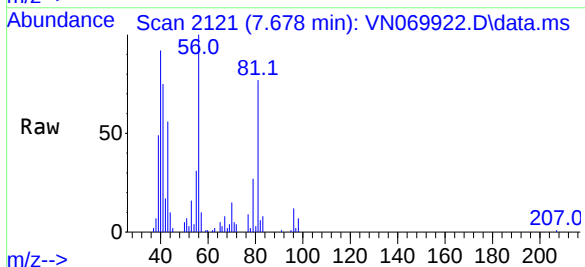
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

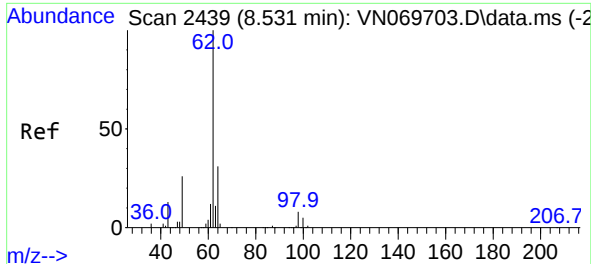
Tgt Ion: 83 Resp: 670923
Ion Ratio Lower Upper
83 100
55 84.6 58.1 87.1
98 45.2 38.4 57.6



#41
Methacrylonitrile
Concen: 2.736 ug/l
RT: 7.678 min Scan# 2121
Delta R.T. 0.038 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 41 Resp: 42640
Ion Ratio Lower Upper
41 100
39 50.7 48.1 72.1
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#

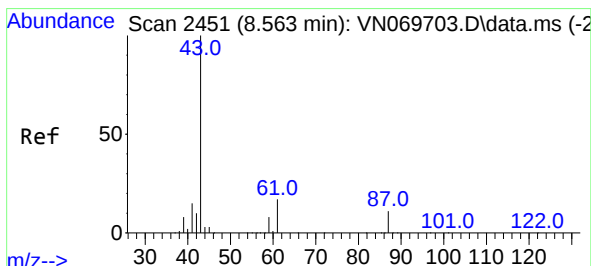
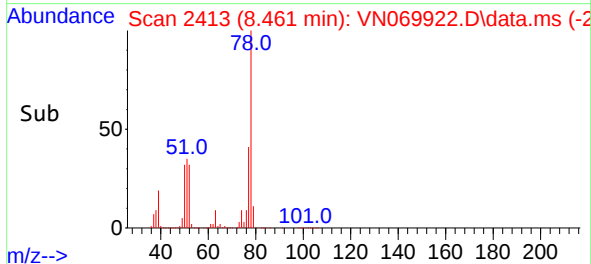
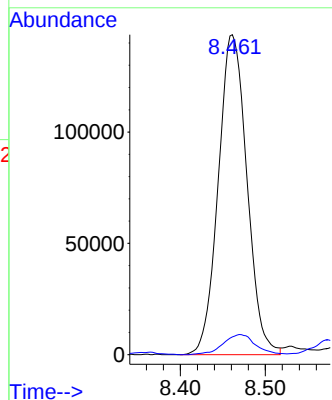
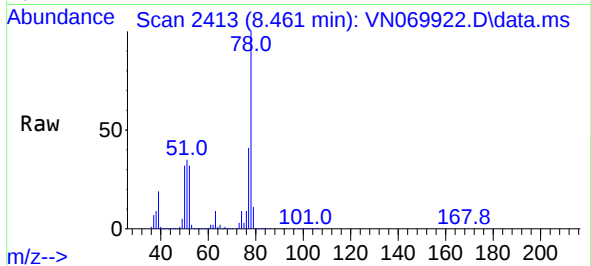




#42
1,2-Dichloroethane
Concen: 12.250 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.070 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

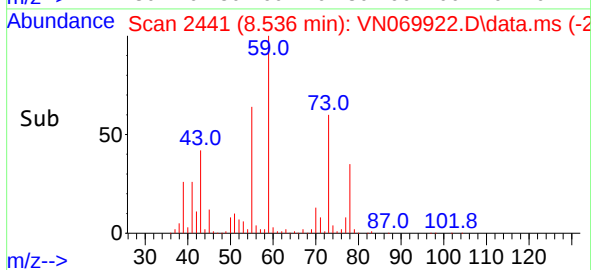
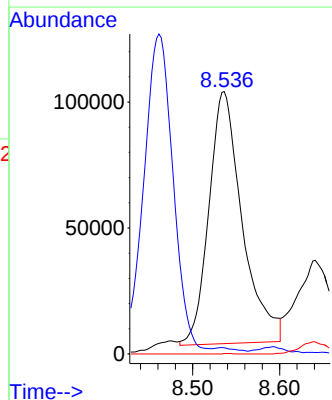
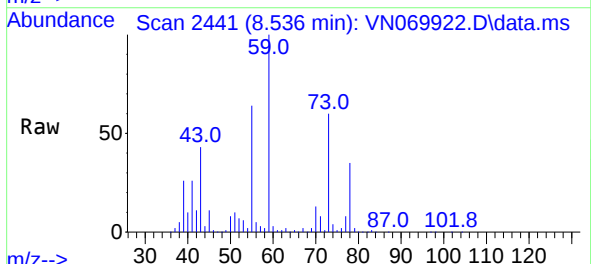
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

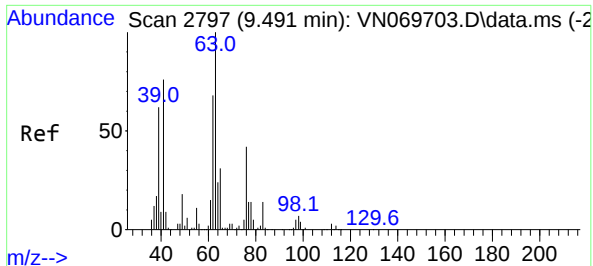
Tgt Ion: 62 Resp: 337162
Ion Ratio Lower Upper
62 100
98 7.1 0.0 17.6



#43
Isopropyl Acetate
Concen: 5.431 ug/l
RT: 8.536 min Scan# 2441
Delta R.T. -0.027 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 43 Resp: 266816
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

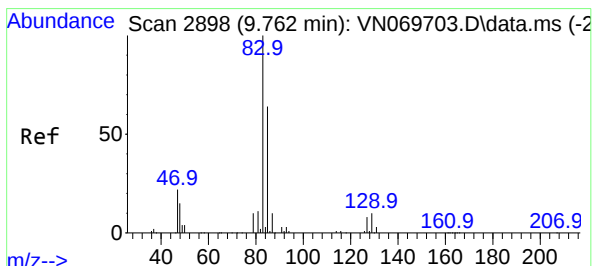
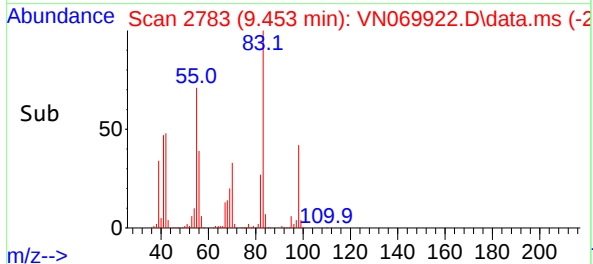
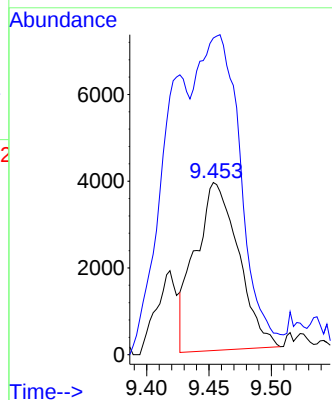
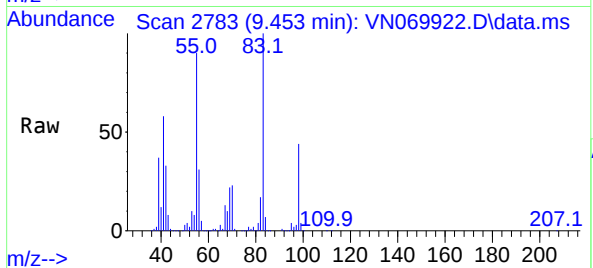




#45
1,2-Dichloropropane
Concen: 0.507 ug/l
RT: 9.453 min Scan# 21
Delta R.T. -0.037 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

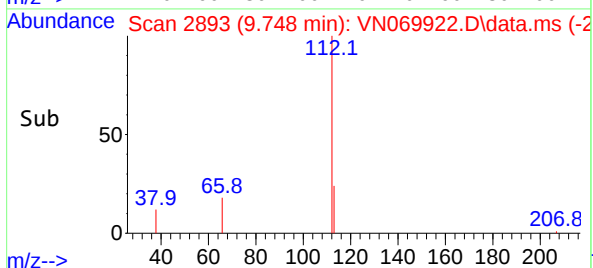
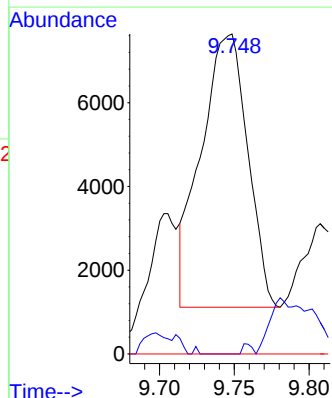
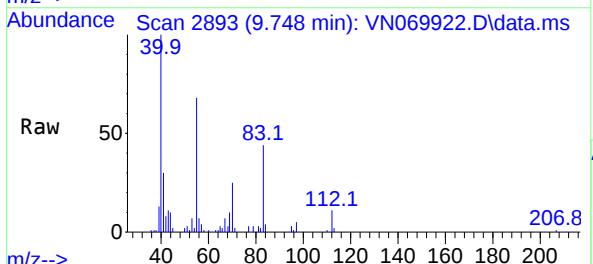
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

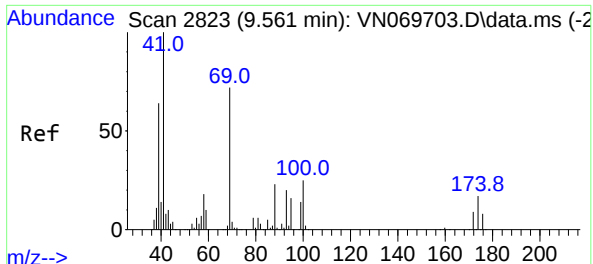
Tgt Ion: 63 Resp: 9279
Ion Ratio Lower Upper
63 100
65 180.6 24.7 37.1#



#47
Bromodichloromethane
Concen: 0.623 ug/l
RT: 9.748 min Scan# 2893
Delta R.T. -0.013 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 83 Resp: 14163
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#

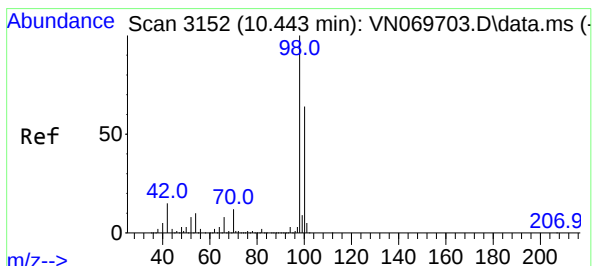
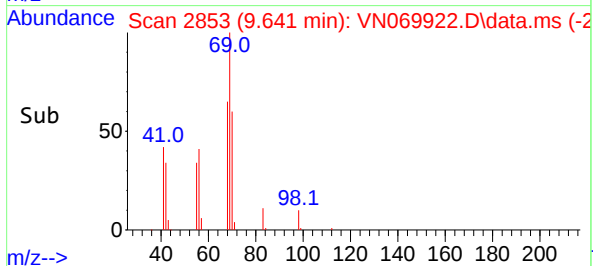
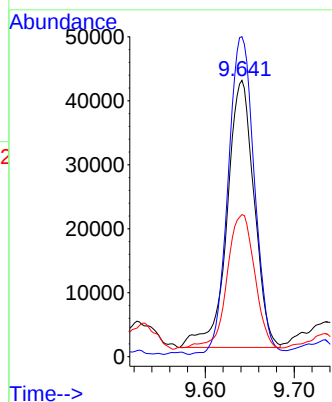
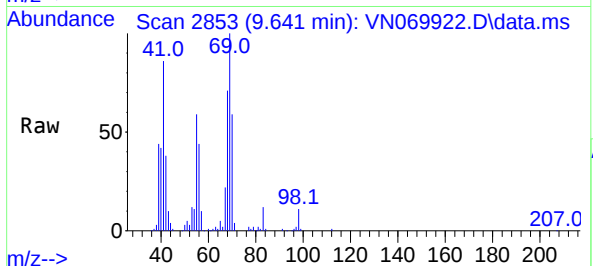




#48
Methyl methacrylate
Concen: 3.860 ug/l
RT: 9.641 min Scan# 21
Delta R.T. 0.080 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

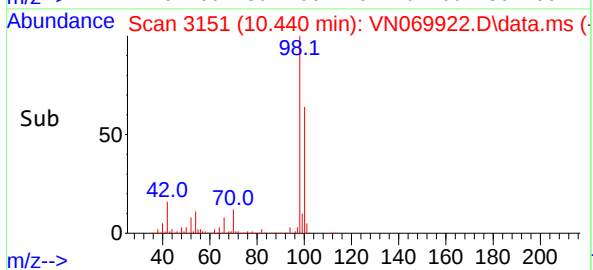
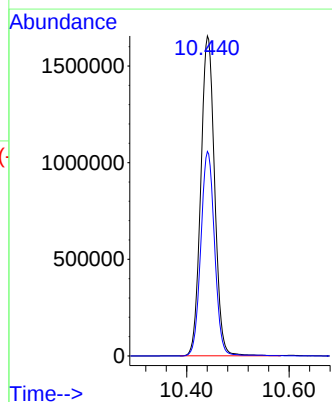
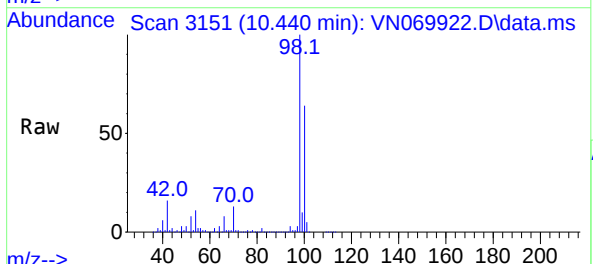
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

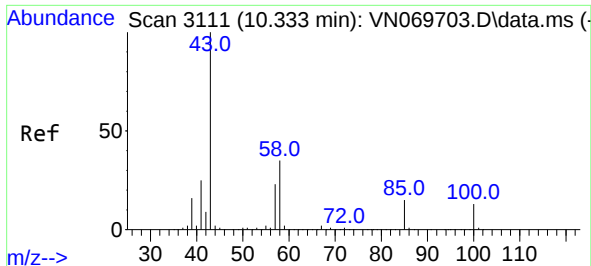
Tgt Ion: 41 Resp: 88506
Ion Ratio Lower Upper
41 100
69 115.6 72.4 108.6#
39 50.4 58.4 87.6#



#50
Toluene-d8
Concen: 52.516 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 98 Resp: 3094886
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6

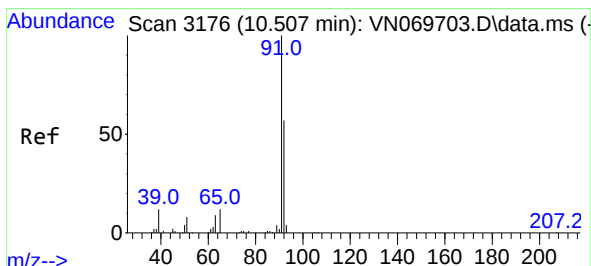
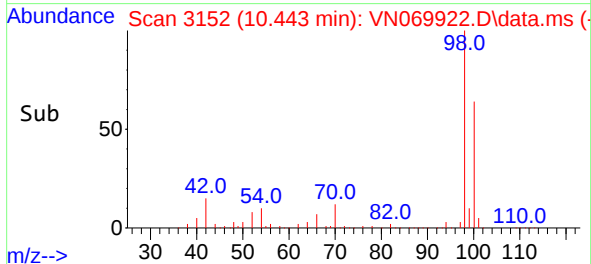
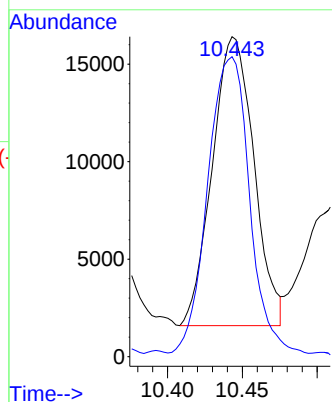
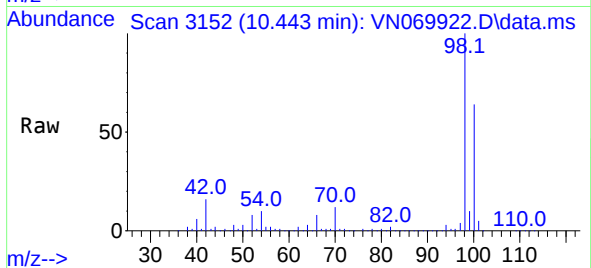




#51
4-Methyl-2-Pentanone
Concen: 0.900 ug/l
RT: 10.443 min Scan# 3111
Delta R.T. 0.110 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

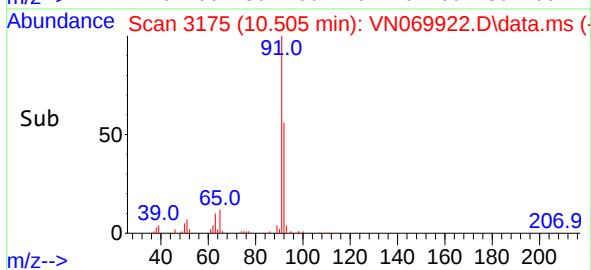
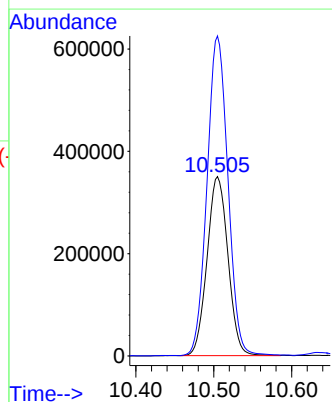
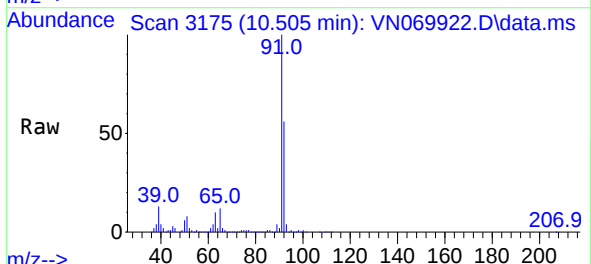
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

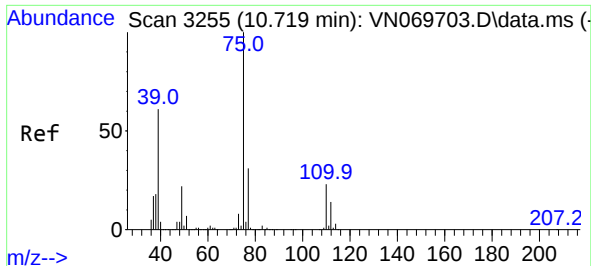
Tgt Ion: 43 Resp: 28696
Ion Ratio Lower Upper
43 100
58 102.8 30.4 45.6#



#52
Toluene
Concen: 15.718 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 92 Resp: 654257
Ion Ratio Lower Upper
92 100
91 178.2 142.0 213.0

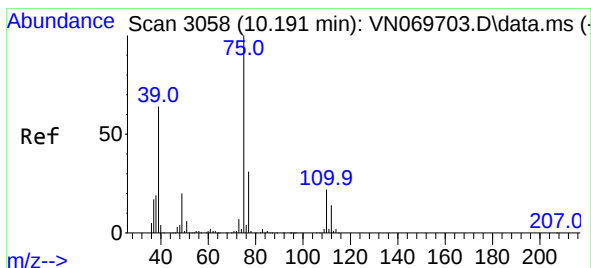
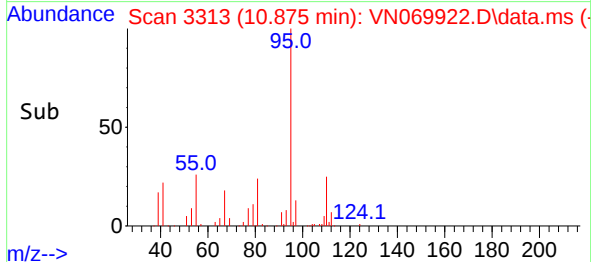
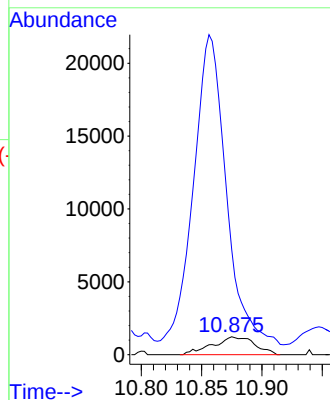
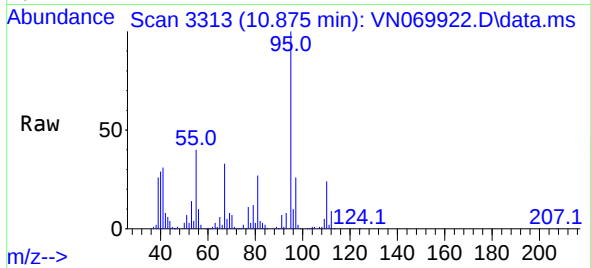




#53
t-1,3-Dichloropropene
Concen: 2.897 ug/l
RT: 10.875 min Scan# 31
Delta R.T. 0.156 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

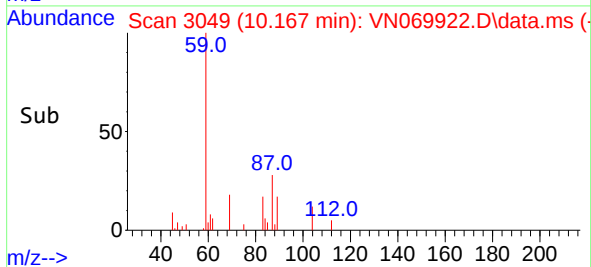
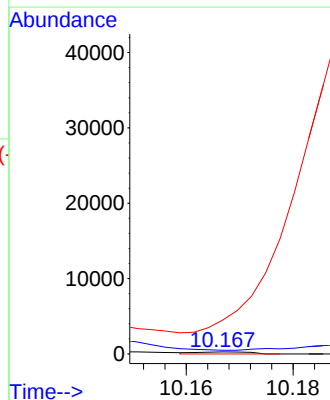
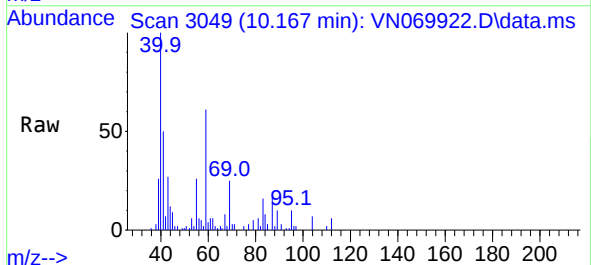
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

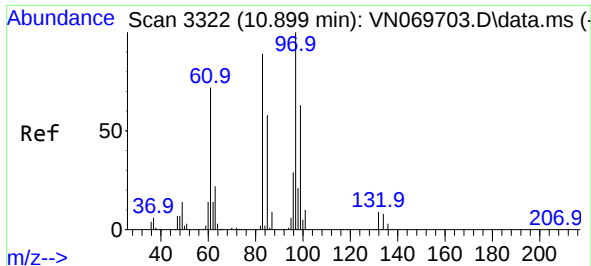
Tgt Ion: 75 Resp: 2981
Ion Ratio Lower Upper
75 100
77 531.2 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.005 ug/l
RT: 10.167 min Scan# 3049
Delta R.T. -0.024 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 75 Resp: 189
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 621.7 42.5 63.7#



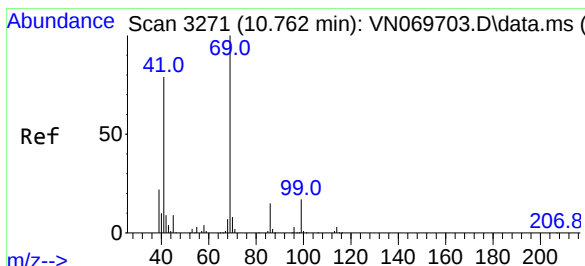
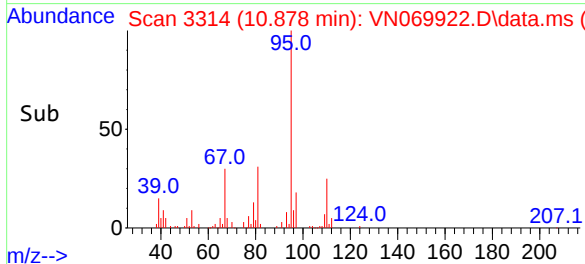
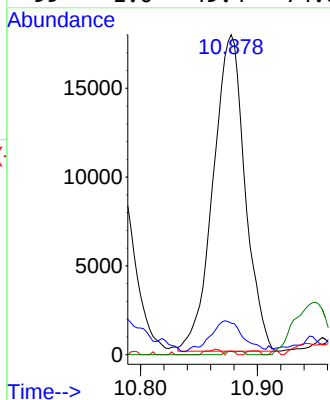
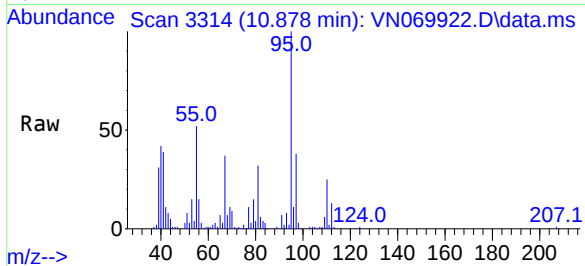


#55
1,1,2-Trichloroethane
Concen: 2.013 ug/l
RT: 10.878 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Instrument :
MSVOA_N
ClientSampleId :
MW-28D

Tgt Ion: 97 Resp: 33809

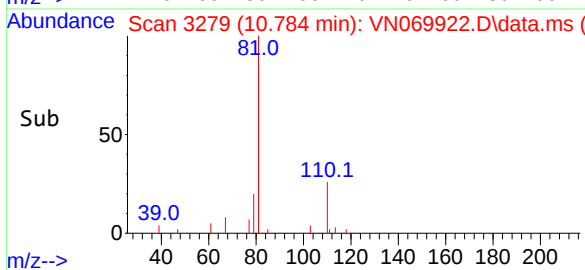
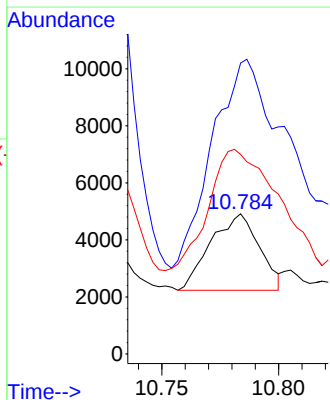
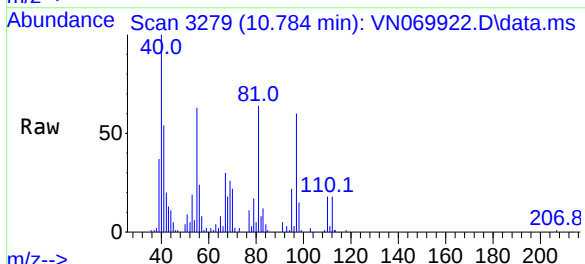
Ion	Ratio	Lower	Upper
97	100		
83	7.9	67.8	101.6#
85	1.2	45.4	68.2#
99	1.0	49.4	74.0#

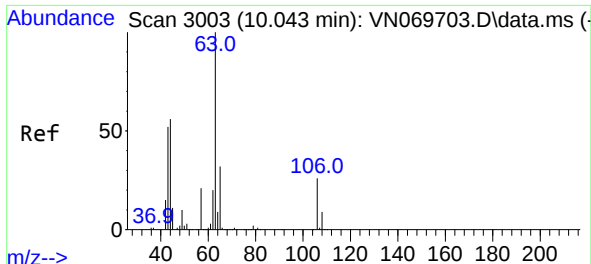


#56
Ethyl methacrylate
Concen: 2.396 ug/l
RT: 10.784 min Scan# 3279
Delta R.T. 0.022 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 69 Resp: 3881

Ion	Ratio	Lower	Upper
69	100		
41	489.7	51.4	77.0#
39	235.1	34.6	52.0#





#58

2-Chloroethyl Vinyl ether

Concen: 19.004 ug/l

RT: 10.030 min Scan# 24

Delta R.T. -0.013 min

Lab File: VN069922.D

Acq: 9 Dec 2021 19:44

Instrument :

MSVOA_N

ClientSampleId :

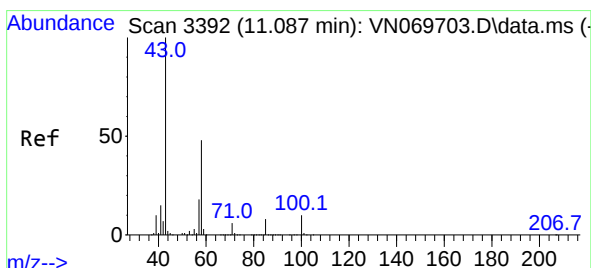
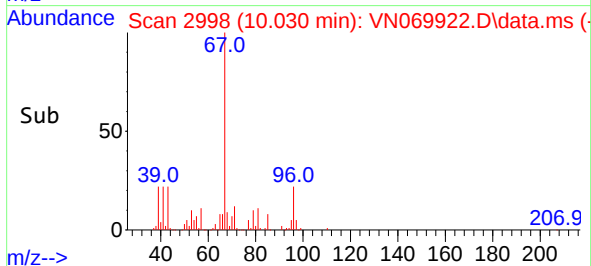
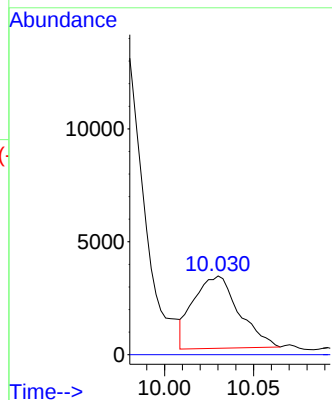
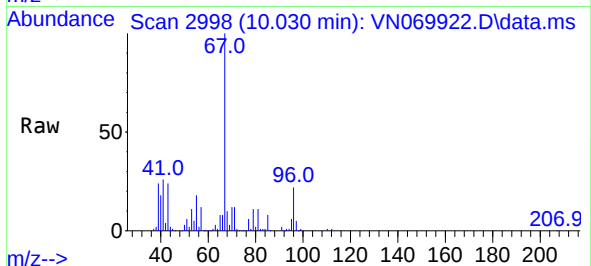
MW-28D

Tgt Ion: 63 Resp: 5686

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#



#59

2-Hexanone

Concen: 4.414 ug/l

RT: 11.127 min Scan# 3407

Delta R.T. 0.040 min

Lab File: VN069922.D

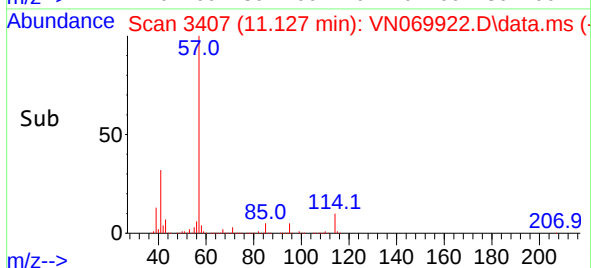
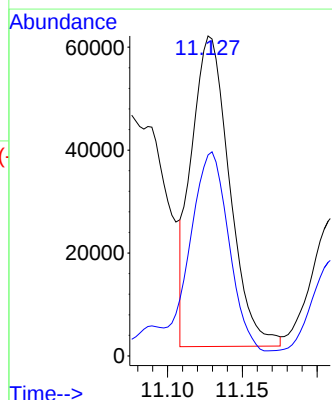
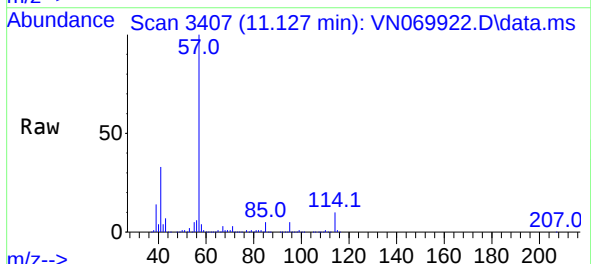
Acq: 9 Dec 2021 19:44

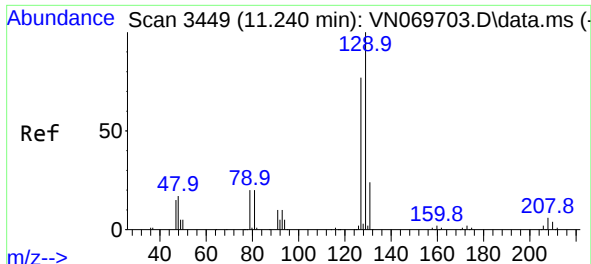
Tgt Ion: 43 Resp: 106415

Ion Ratio Lower Upper

43 100

58 67.5 26.9 80.7

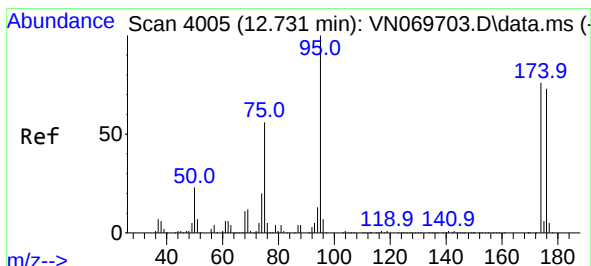
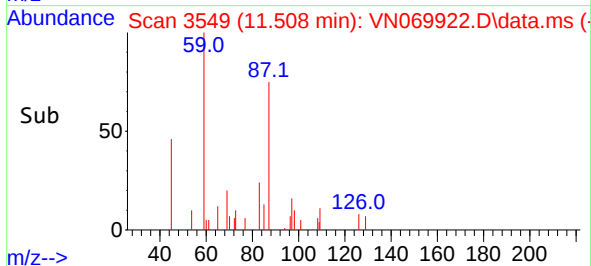
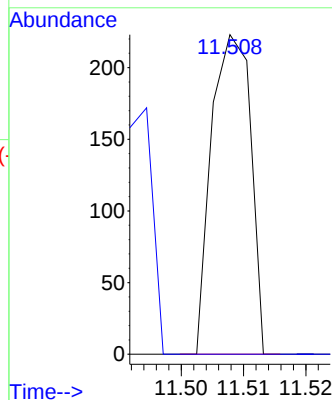
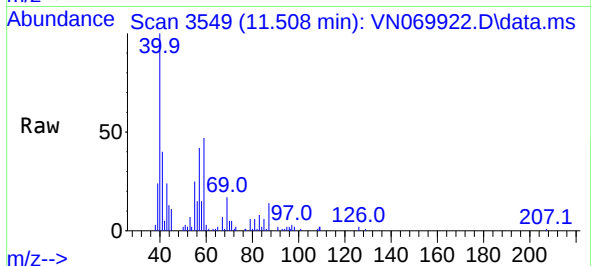




#60
Dibromochloromethane
Concen: 2.381 ug/l
RT: 11.508 min Scan# 31
Delta R.T. 0.268 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

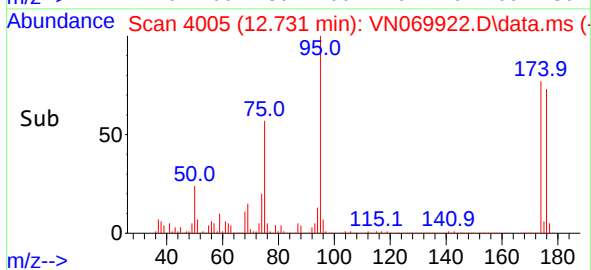
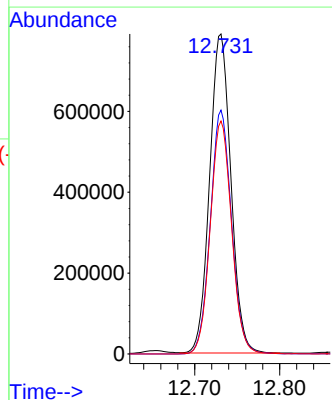
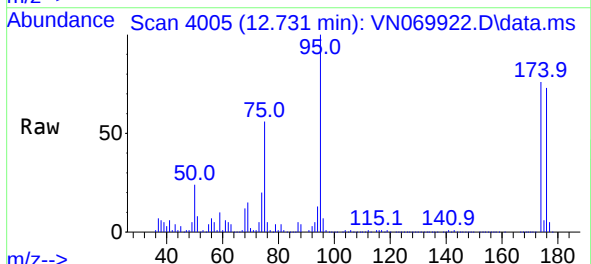
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

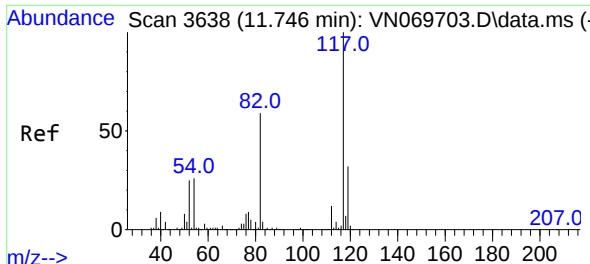
Tgt Ion:129 Resp: 97
Ion Ratio Lower Upper
129 100
127 54.6 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 64.294 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 95 Resp: 1372676
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.3 0.0 181.4



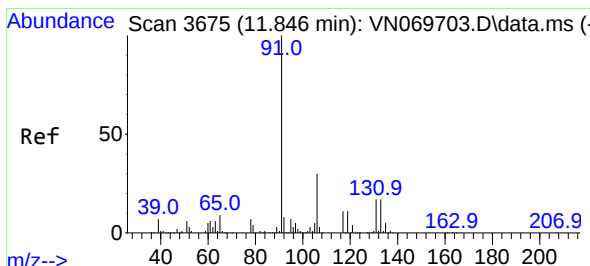
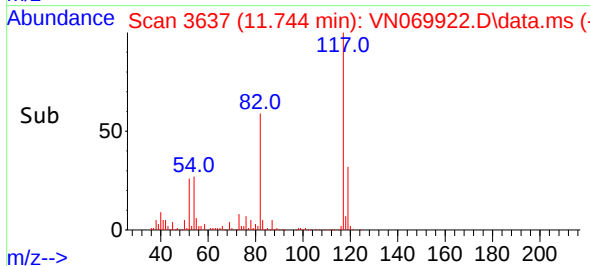
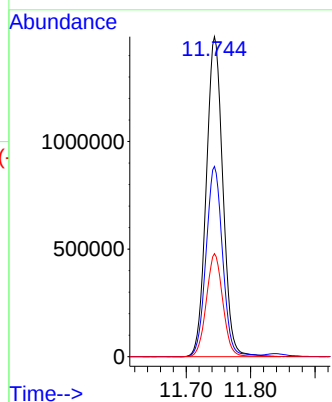
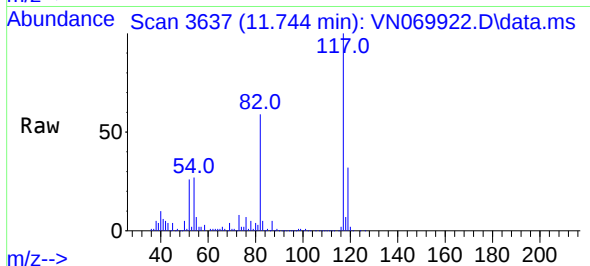


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Instrument :
MSVOA_N
ClientSampleId :
MW-28D

Tgt Ion:117 Resp: 2659812

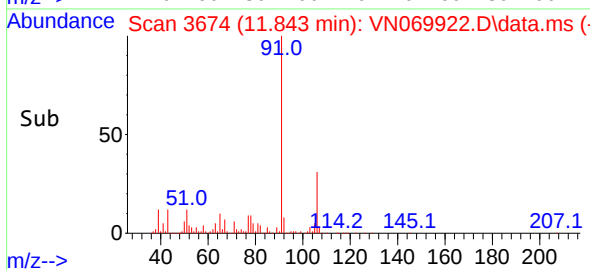
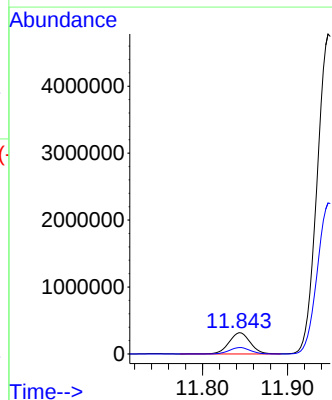
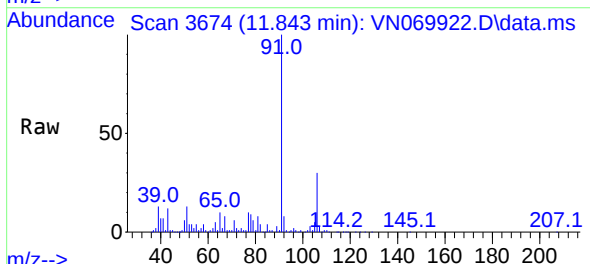
Ion	Ratio	Lower	Upper
117	100		
82	59.5	42.4	63.6
119	32.2	25.4	38.2

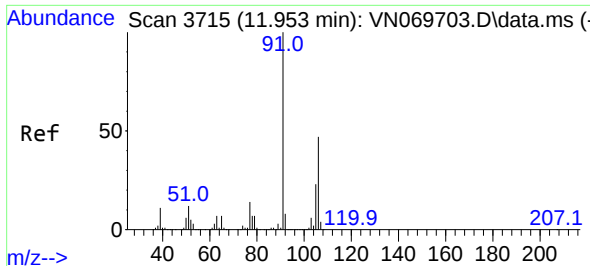


#67
Ethyl Benzene
Concen: 5.607 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 91 Resp: 549552

Ion	Ratio	Lower	Upper
91	100		
106	30.5	25.7	38.5

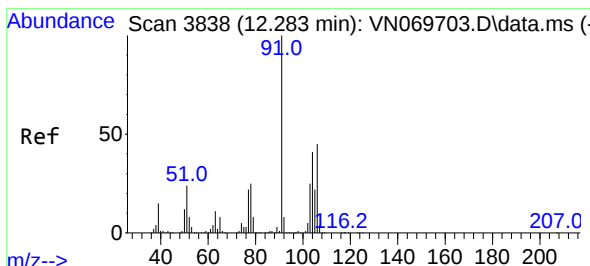
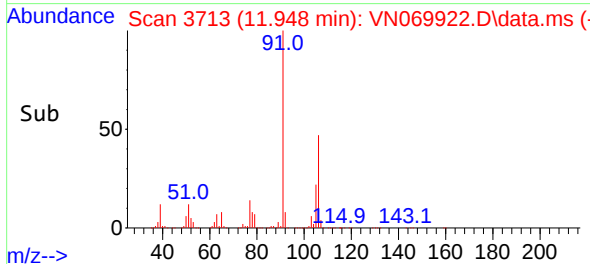
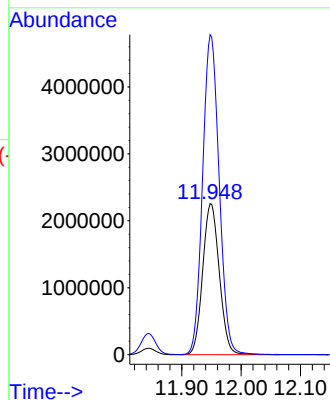
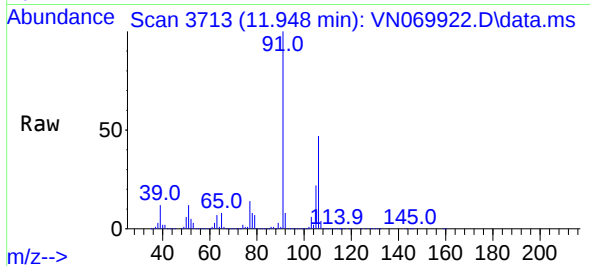




#68
m/p-Xylenes
Concen: 122.534 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

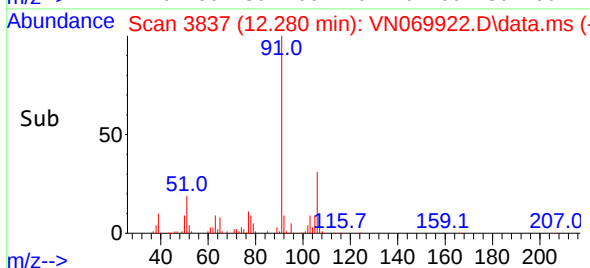
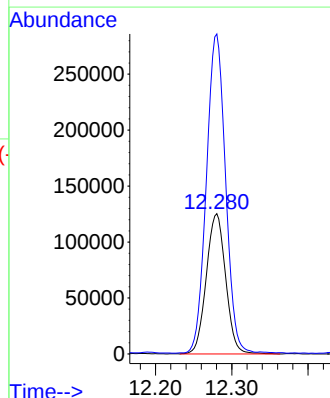
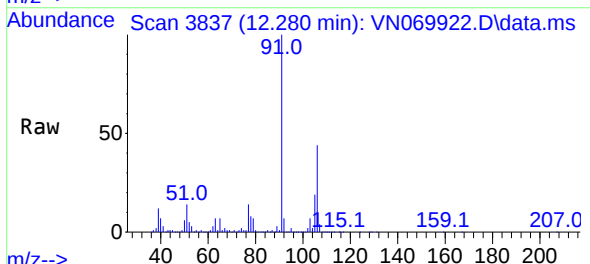
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

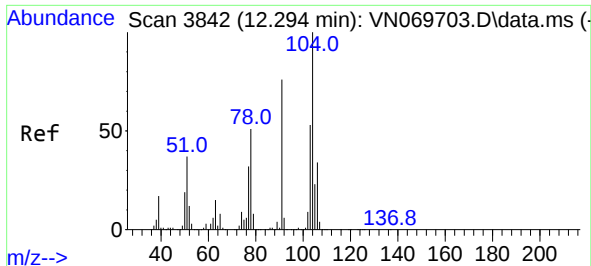
Tgt Ion:106 Resp: 4373070
Ion Ratio Lower Upper
106 100
91 211.4 160.6 240.8



#69
o-Xylene
Concen: 6.156 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion:106 Resp: 221313
Ion Ratio Lower Upper
106 100
91 224.5 105.8 317.3

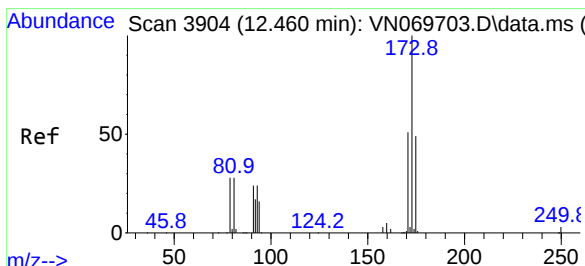
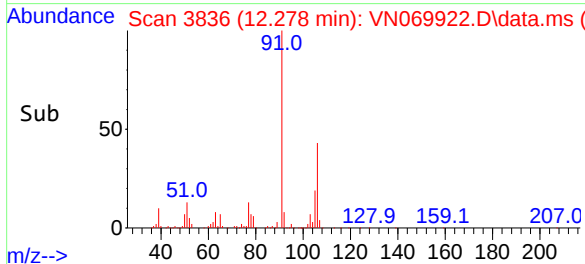
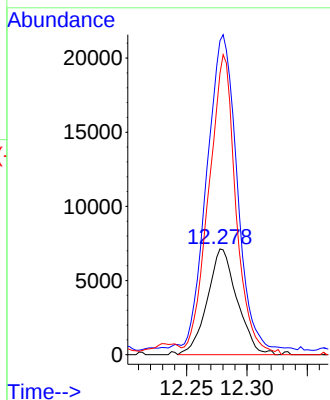
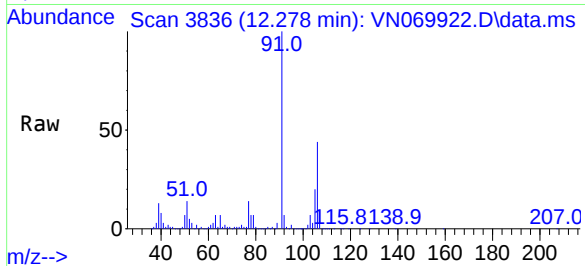




#70
Styrene
Concen: 0.215 ug/l
RT: 12.278 min Scan# 31
Delta R.T. -0.016 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

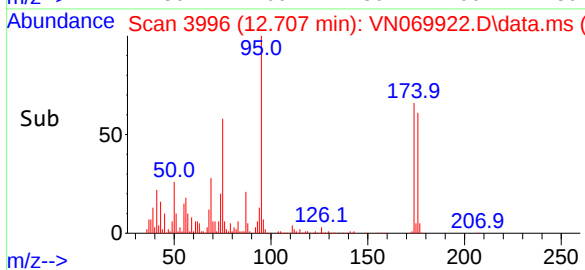
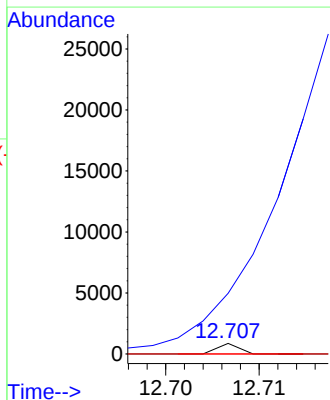
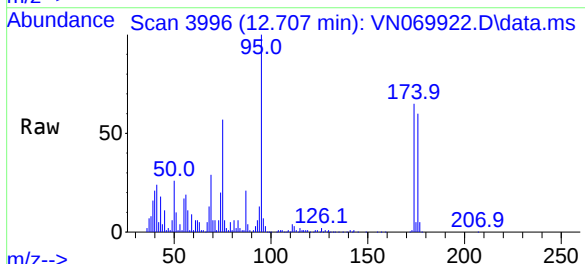
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

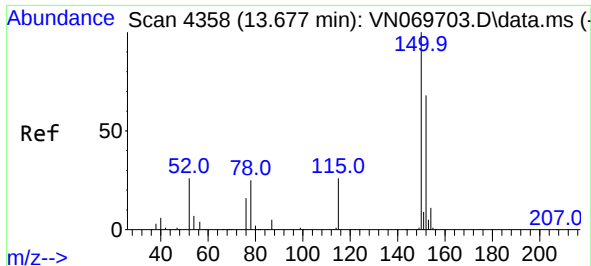
Tgt Ion:104 Resp: 12250
Ion Ratio Lower Upper
104 100
78 302.2 38.7 58.1#
103 260.3 45.0 67.6#



#71
Bromoform
Concen: 2.739 ug/l
RT: 12.707 min Scan# 3996
Delta R.T. 0.247 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion:173 Resp: 140
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0

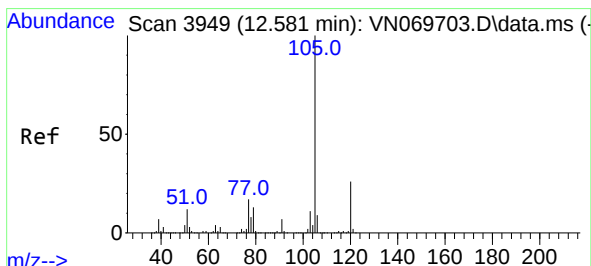
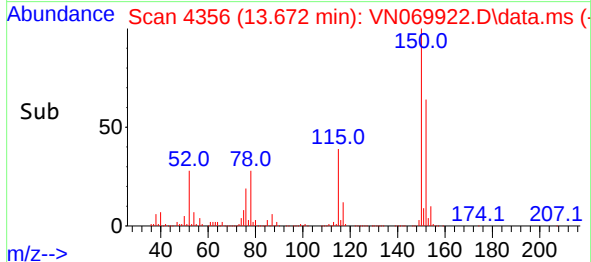
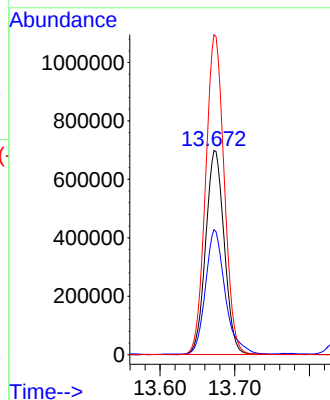
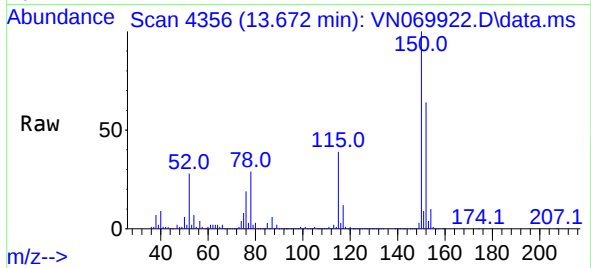




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

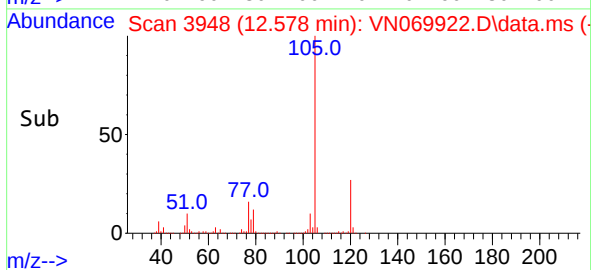
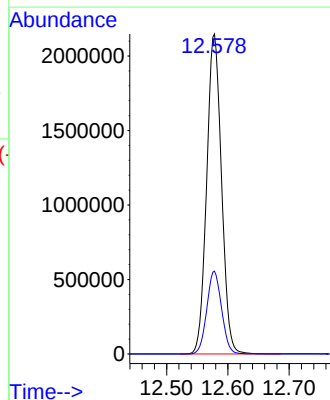
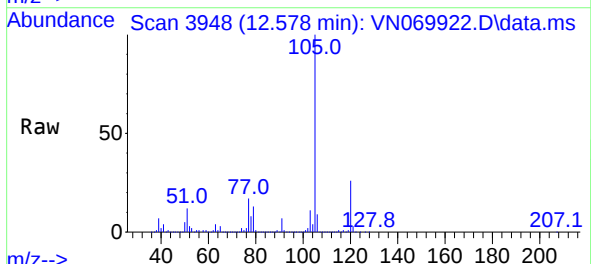
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

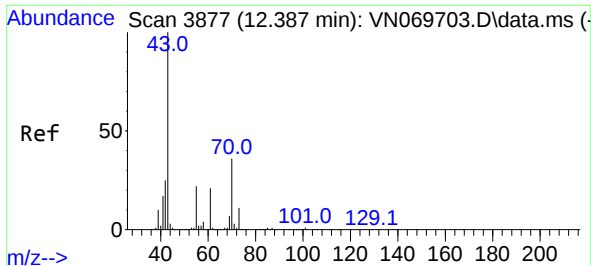
Tgt Ion:152 Resp: 1206225
Ion Ratio Lower Upper
152 100
115 64.3 27.5 82.5
150 157.0 0.0 344.4



#73
Isopropylbenzene
Concen: 33.587 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion:105 Resp: 3604548
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



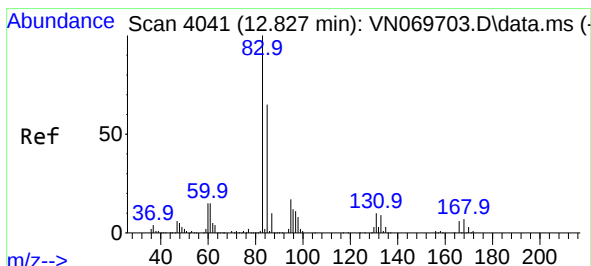
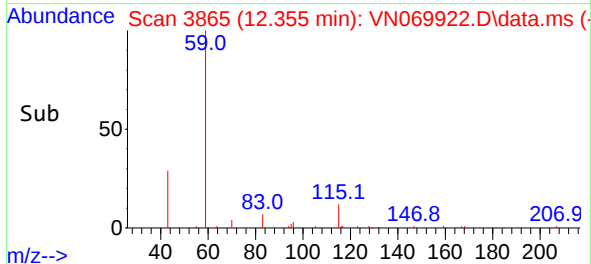
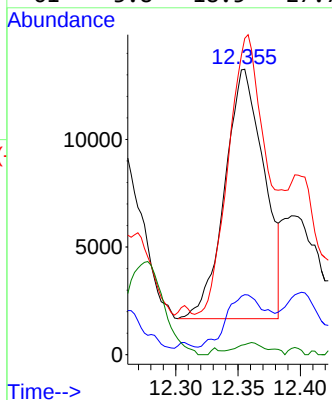
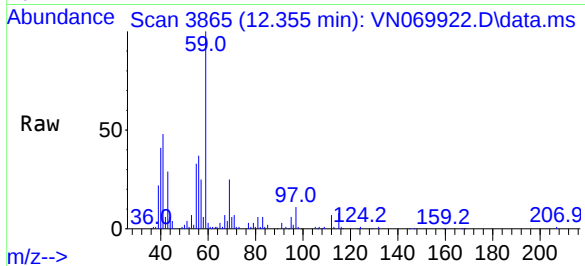


#74
N-amy1 acetate
Concen: 0.535 ug/l
RT: 12.355 min Scan# 31
Delta R.T. -0.032 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Instrument :
MSVOA_N
ClientSampleId :
MW-28D

Tgt Ion: 43 Resp: 25387

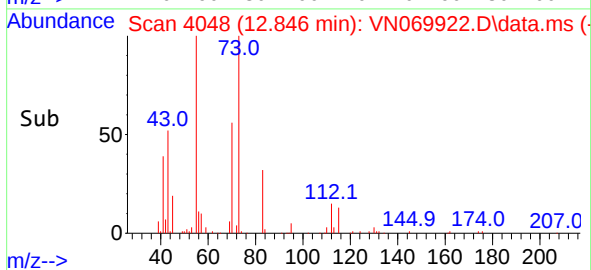
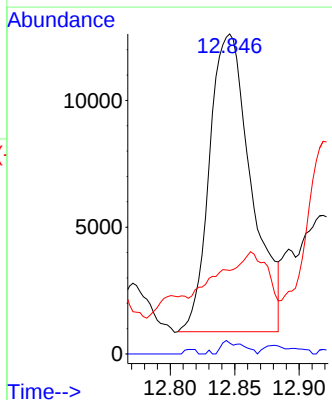
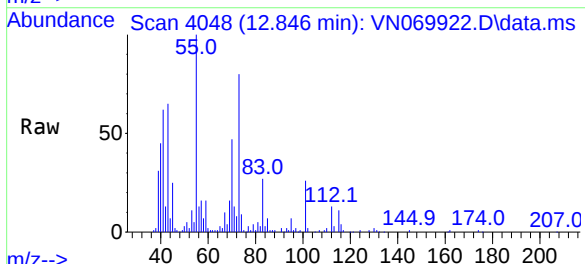
Ion	Ratio	Lower	Upper
43	100		
70	21.4	33.4	50.0#
55	112.7	19.3	28.9#
61	3.8	18.5	27.7#

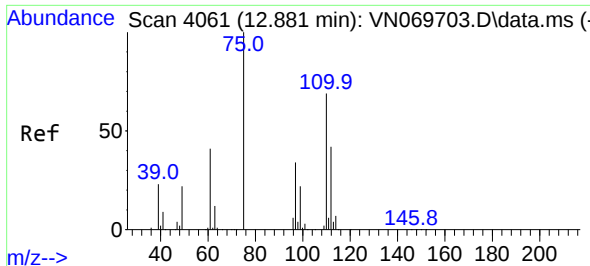


#75
1,1,2,2-Tetrachloroethane
Concen: 0.712 ug/l
RT: 12.846 min Scan# 4048
Delta R.T. 0.019 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 83 Resp: 26426

Ion	Ratio	Lower	Upper
83	100		
131	2.2	5.5	16.5#
85	0.0	32.4	97.2#

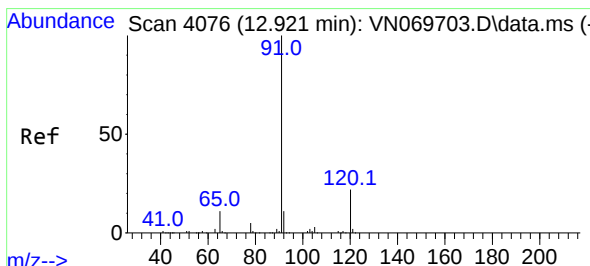
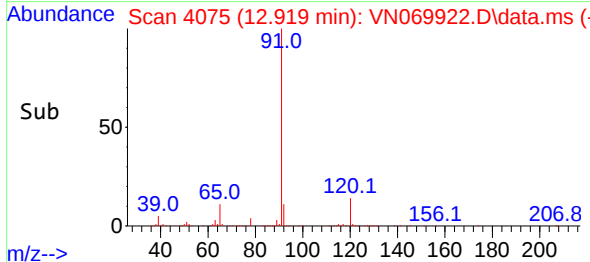
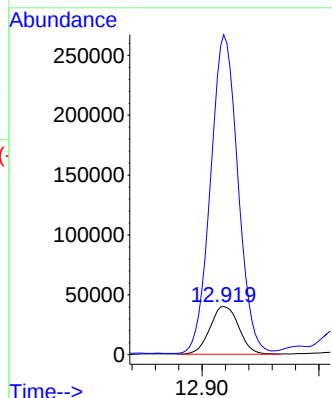
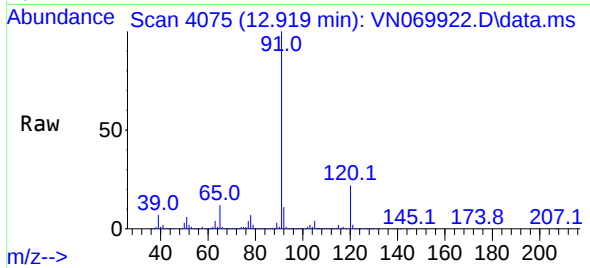




#76
1,2,3-Trichloropropane
Concen: 1.966 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. 0.038 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

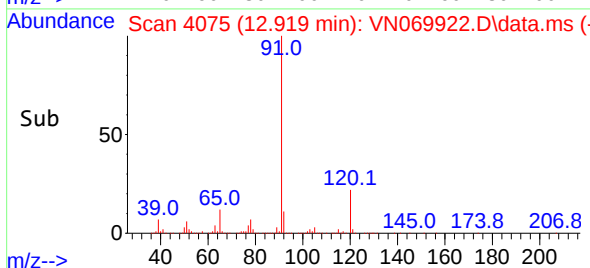
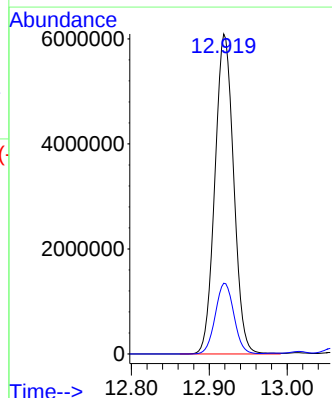
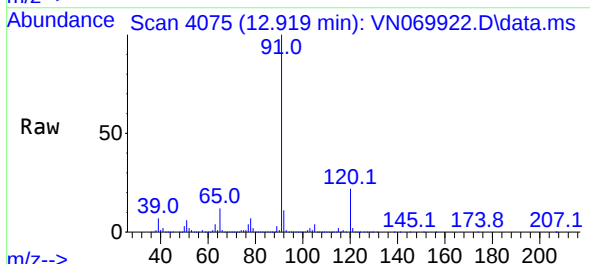
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

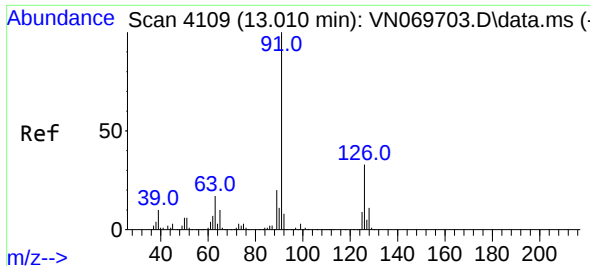
Tgt Ion: 75 Resp: 68004
Ion Ratio Lower Upper
75 100
77 637.8 82.6 247.8#



#78
n-propylbenzene
Concen: 85.067 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 91 Resp:10158963
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9

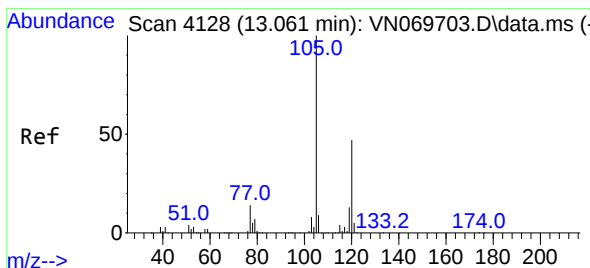
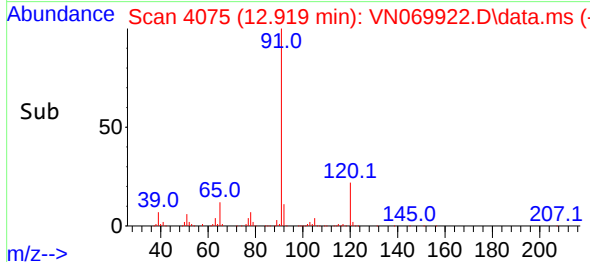
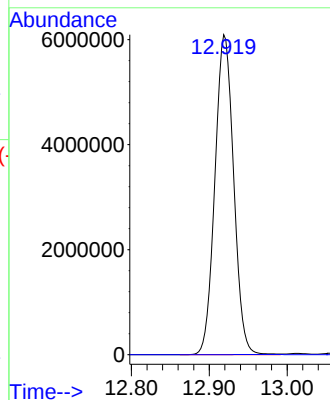
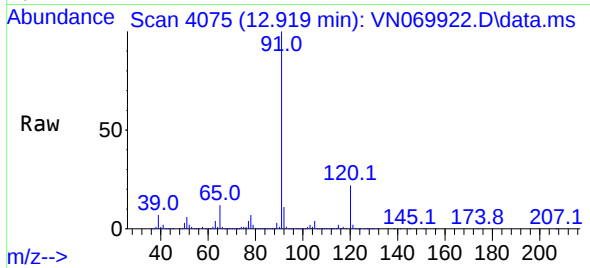




#79
2-Chlorotoluene
Concen: 134.626 ug/l
RT: 12.919 min Scan# 40
Delta R.T. -0.091 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

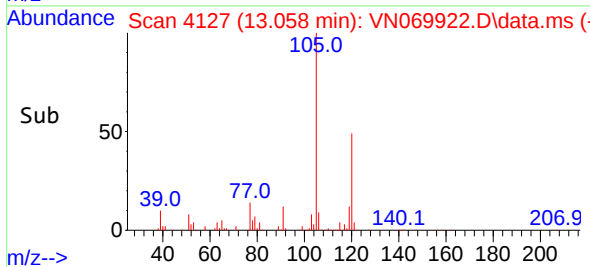
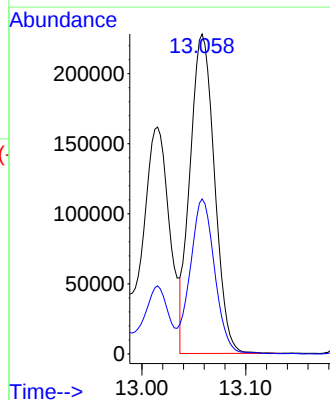
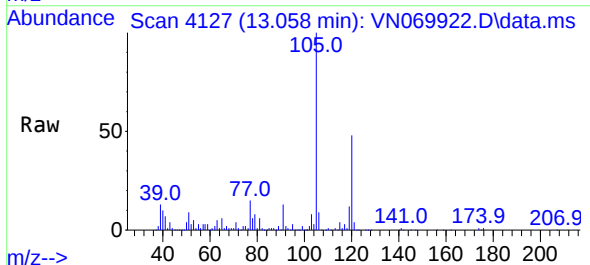
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

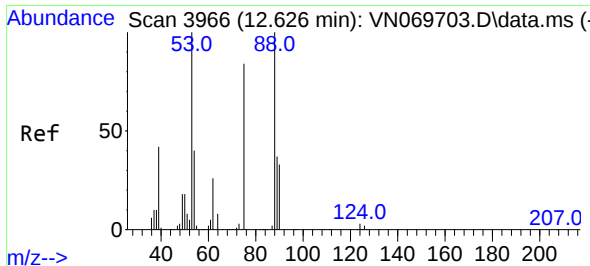
Tgt Ion: 91 Resp:10158963
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 4.309 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion:105 Resp: 372237
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.6

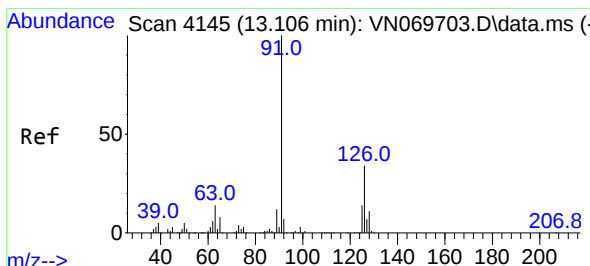
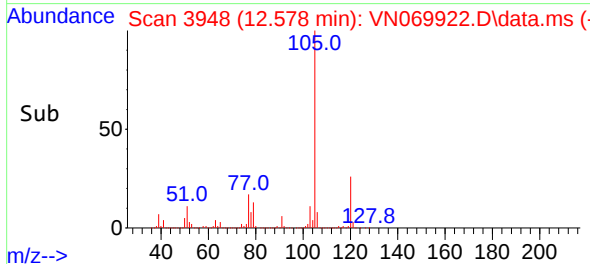
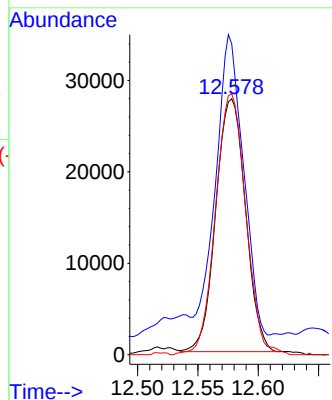
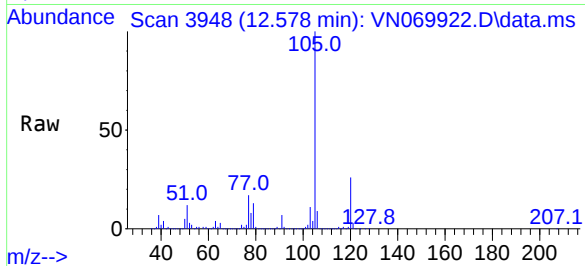




#81
trans-1,4-Dichloro-2-butene
Concen: 8.169 ug/l
RT: 12.578 min Scan# 3966
Delta R.T. -0.048 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

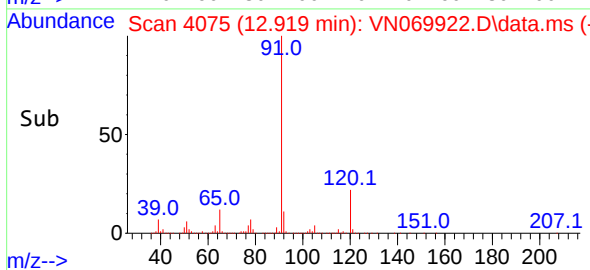
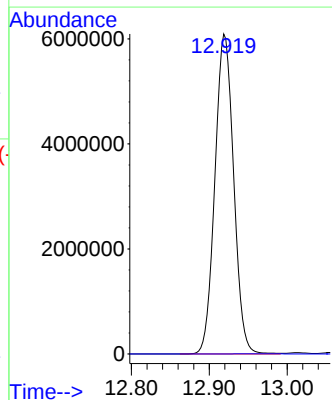
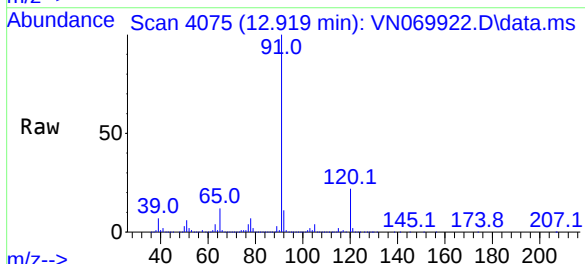
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

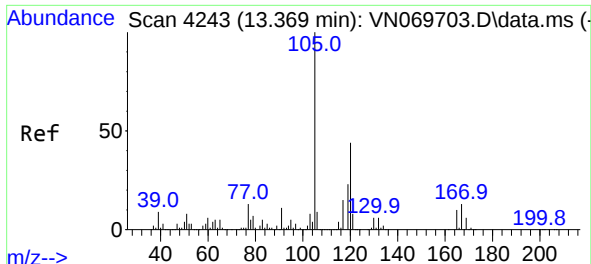
Tgt Ion: 75 Resp: 47256
Ion Ratio Lower Upper
75 100
53 109.8 90.5 135.7
89 105.3 38.2 57.4#



#82
4-Chlorotoluene
Concen: 143.154 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.188 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 91 Resp:10158963
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

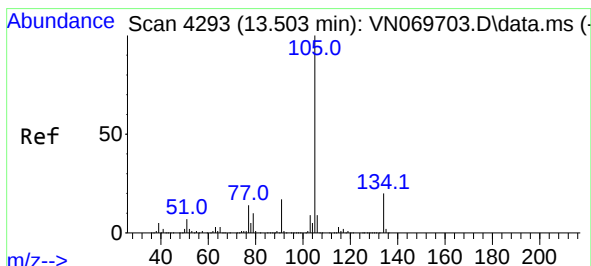
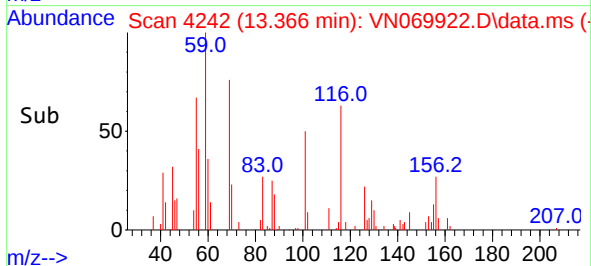
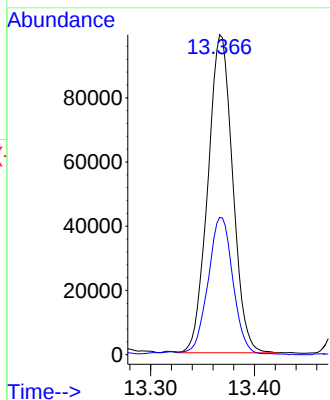
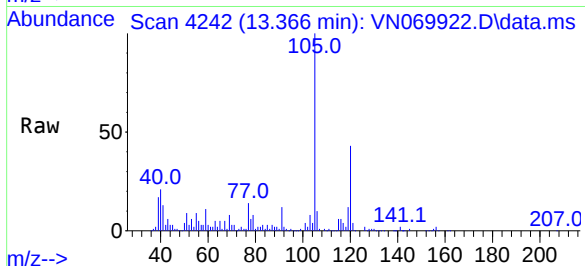




#84
1,2,4-Trimethylbenzene
Concen: 1.997 ug/l
RT: 13.366 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

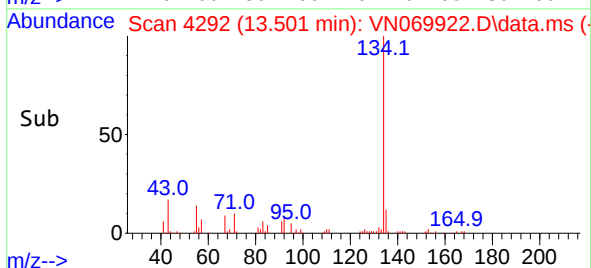
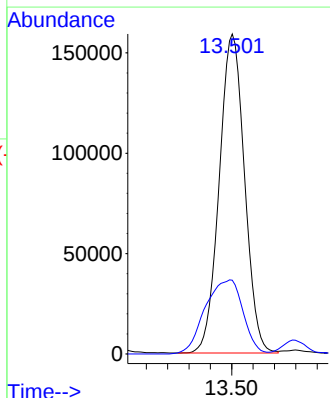
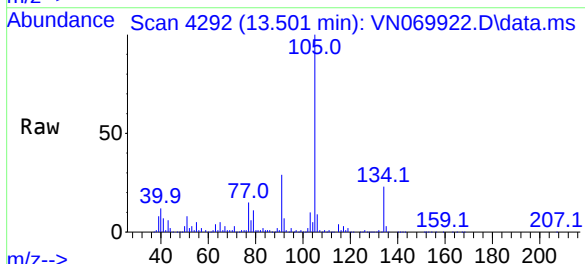
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

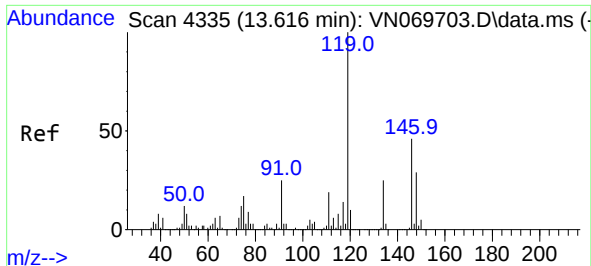
Tgt Ion:105 Resp: 164250
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4



#85
sec-Butylbenzene
Concen: 2.521 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion:105 Resp: 261514
Ion Ratio Lower Upper
105 100
134 34.7 10.4 31.1#



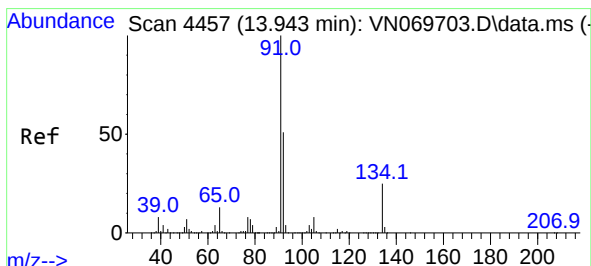
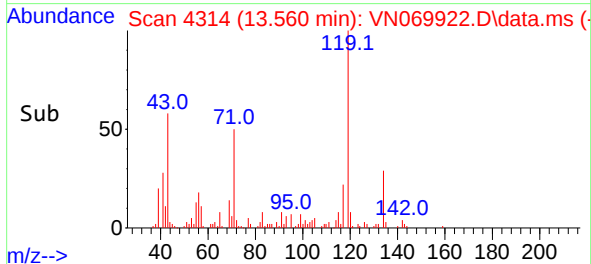
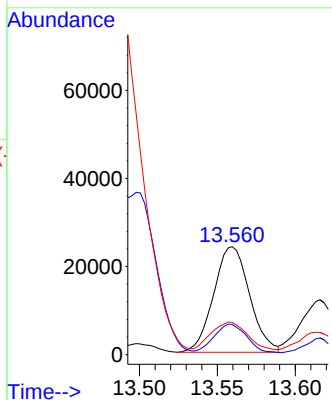
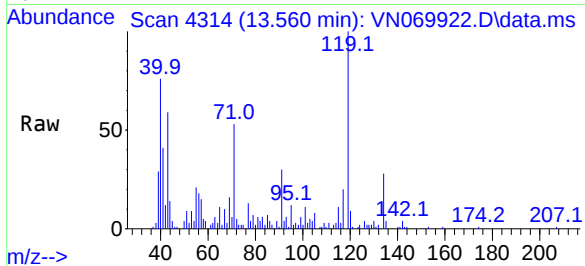


#86
p-Isopropyltoluene
Concen: 0.475 ug/l
RT: 13.560 min Scan# 4314
Delta R.T. -0.056 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Instrument :
MSVOA_N
ClientSampleId :
MW-28D

Tgt Ion: 119 Resp: 38491

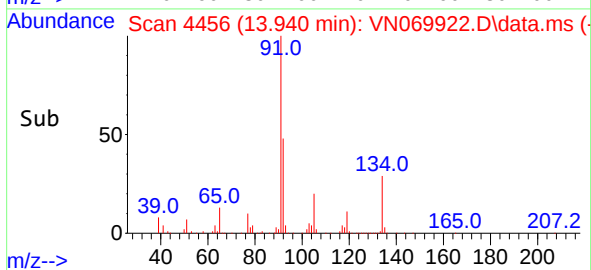
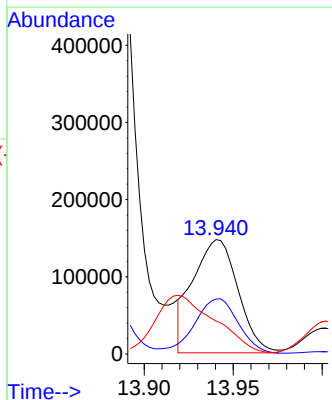
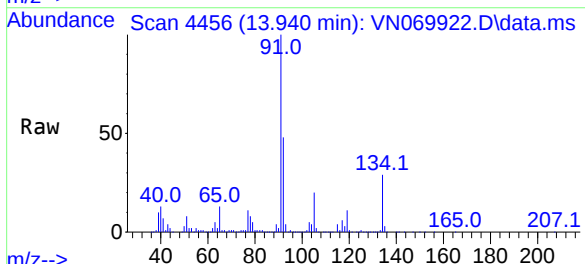
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.6	40.7#
91	0.0	11.4	34.1#

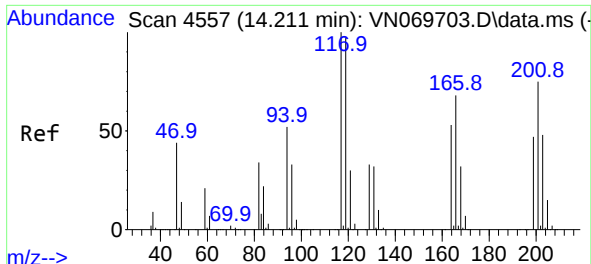


#89
n-Butylbenzene
Concen: 3.937 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 91 Resp: 259015

Ion	Ratio	Lower	Upper
91	100		
92	47.7	25.4	76.0
134	0.0	13.6	40.8#

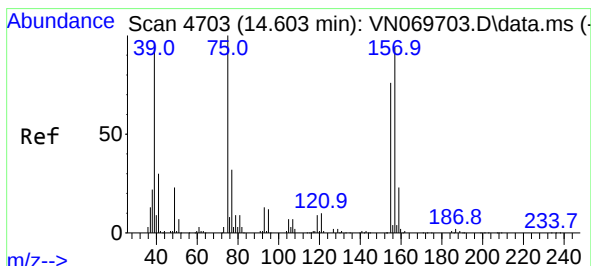
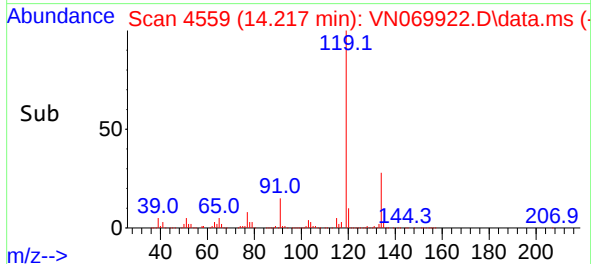
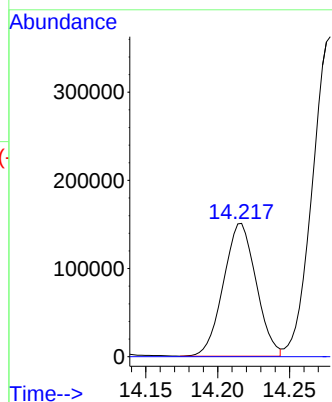
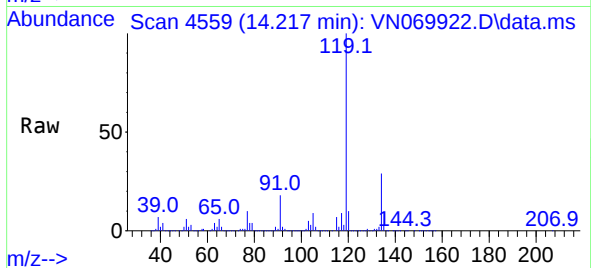




#90
Hexachloroethane
Concen: 16.764 ug/l
RT: 14.217 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

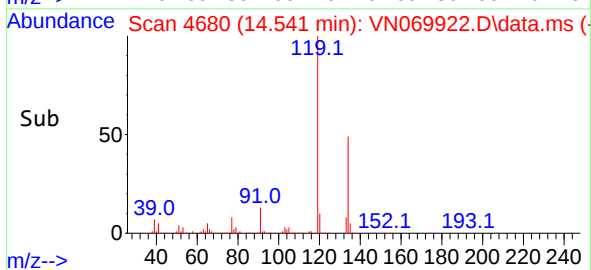
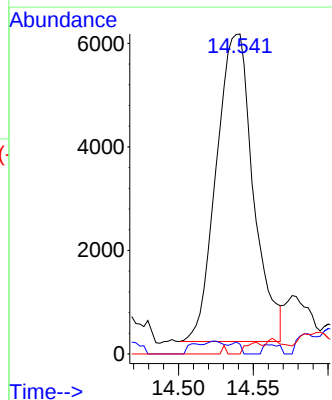
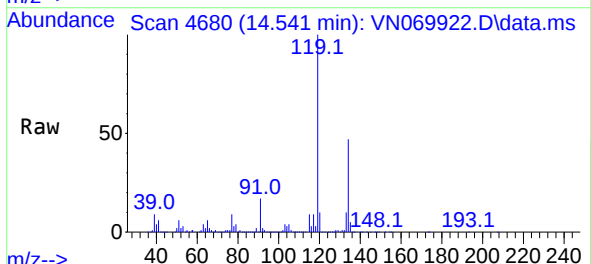
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

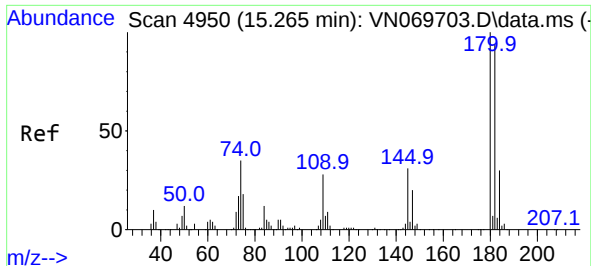
Tgt Ion:117 Resp: 238689
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.522 ug/l
RT: 14.541 min Scan# 4680
Delta R.T. -0.062 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

Tgt Ion: 75 Resp: 10208
Ion Ratio Lower Upper
75 100
155 1.4 46.9 140.7#
157 1.7 60.6 181.7#

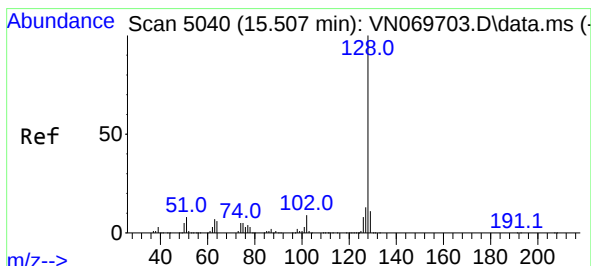
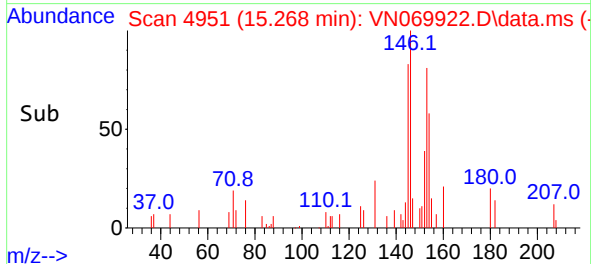
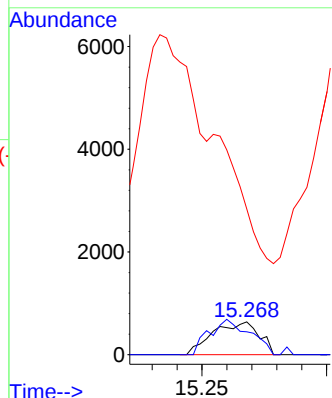
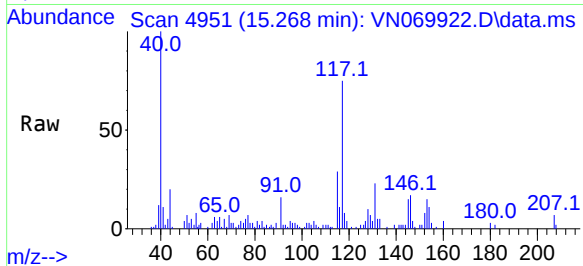




#93
1,2,4-Trichlorobenzene
Concen: 2.917 ug/l
RT: 15.268 min Scan# 4950
Delta R.T. 0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

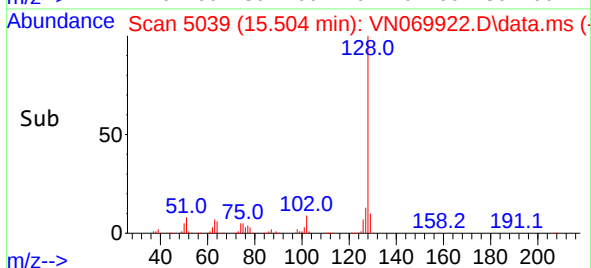
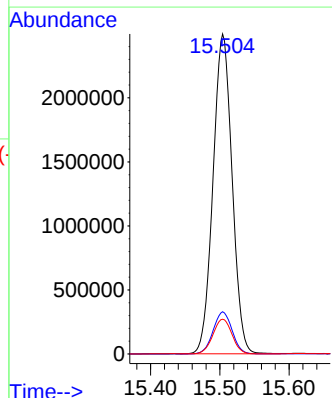
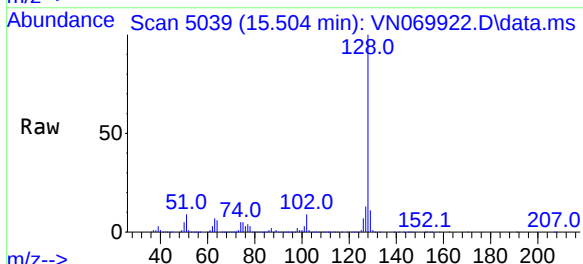
Instrument :
MSVOA_N
ClientSampleId :
MW-28D

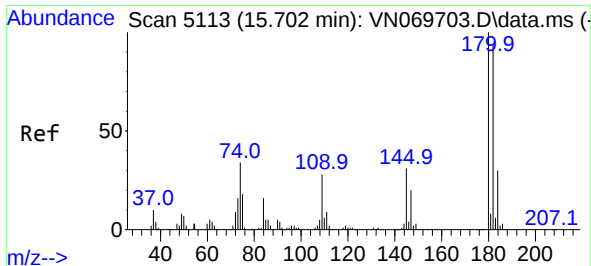
Tgt Ion:180 Resp: 821
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 78.588 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN069922.D
Acq: 9 Dec 2021 19:44

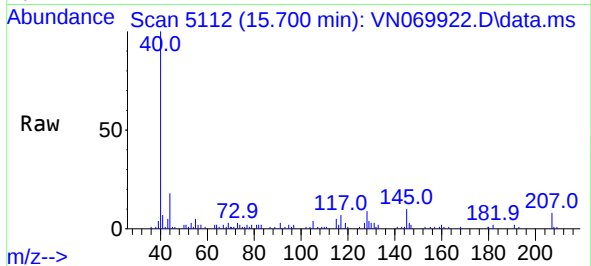
Tgt Ion:128 Resp: 4778560
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.458 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: VN069922.D
 Acq: 9 Dec 2021 19:44

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28D



Tgt Ion:180 Resp: 448
 Ion Ratio Lower Upper
 180 100
 182 154.7 47.4 142.2#
 145 0.0 15.0 45.1#

