

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070442.D
 Acq On : 3 Jan 2022 17:17
 Operator : JC/MD
 Sample : M5251-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-101R

Quant Time: Jan 04 01:35:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1081172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1836827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1705912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	775941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	769491	49.500	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.000%
35) Dibromofluoromethane	8.021	113	537164	48.333	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.660%
50) Toluene-d8	10.441	98	2266706	49.927	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.728	95	992919	60.552	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.100%

Target Compounds				Qvalue		
3) Chloromethane	2.261	50	154587	9.268	ug/l #	67
6) Chloroethane	3.057	64	1913	0.209	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	4.216	101	4649	0.416	ug/l #	20
11) Tert butyl alcohol	5.374	59	31989	12.359	ug/l #	71
12) 1,1-Dichloroethene	4.178	96	2620	0.238	ug/l	89
13) Acrolein	3.988	56	1566435	745.866	ug/l #	14
14) Allyl chloride	4.951	41	1359679	54.463	ug/l #	61
15) Acrylonitrile	5.616	53	210212	26.026	ug/l #	40
16) Acetone	4.256	43	691646	68.539	ug/l #	56
17) Carbon Disulfide	4.535	76	18308	0.609	ug/l #	94
18) Methyl Acetate	4.924	43	530077	18.159	ug/l #	51
20) Methylene Chloride	4.951	84	247426	17.721	ug/l #	12
23) Vinyl Acetate	6.399	43	370379	9.817	ug/l #	73
24) 1,1-Dichloroethane	6.391	63	20489	0.813	ug/l #	83
25) 2-Butanone	7.340	43	129280	10.175	ug/l #	83
26) 2,2-Dichloropropane	7.147	77	74903	3.766	ug/l #	52
28) Bromochloromethane	7.842	49	61839	5.015	ug/l #	9
29) Tetrahydrofuran	7.694	42	14189	1.872	ug/l #	62
30) Chloroform	7.842	83	178468	7.337	ug/l #	31
31) Cyclohexane	8.094	56	2156632	87.915	ug/l	86
36) 1,1-Dichloropropene	8.083	75	88382	4.807	ug/l #	67
37) Ethyl Acetate	7.340	43	129280	5.425	ug/l #	76
38) Carbon Tetrachloride	8.086	117	106065	6.042	ug/l #	16
39) Methylcyclohexane	9.456	83	1170971	52.609	ug/l	88
40) Benzene	8.459	78	538932	9.562	ug/l	98
41) Methacrylonitrile	7.675	41	72974	6.122	ug/l #	35
43) Isopropyl Acetate	8.536	43	436915	11.629	ug/l #	56
44) Trichloroethene	9.218	130	17383	1.298	ug/l	47
45) 1,2-Dichloropropane	9.456	63	9199	0.606	ug/l #	1
47) Bromodichloromethane	9.743	83	15972	0.852	ug/l #	25
48) Methyl methacrylate	9.590	41	14930	0.833	ug/l #	8
49) 1,4-Dioxane	9.566	88	55	0.210	ug/l #	1
51) 4-Methyl-2-Pentanone	10.331	43	222357	9.418	ug/l	97
53) t-1,3-Dichloropropene	10.505	75	444969	21.936	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	73520	5.446	ug/l #	20
56) Ethyl methacrylate	10.778	69	5026	0.225	ug/l #	24

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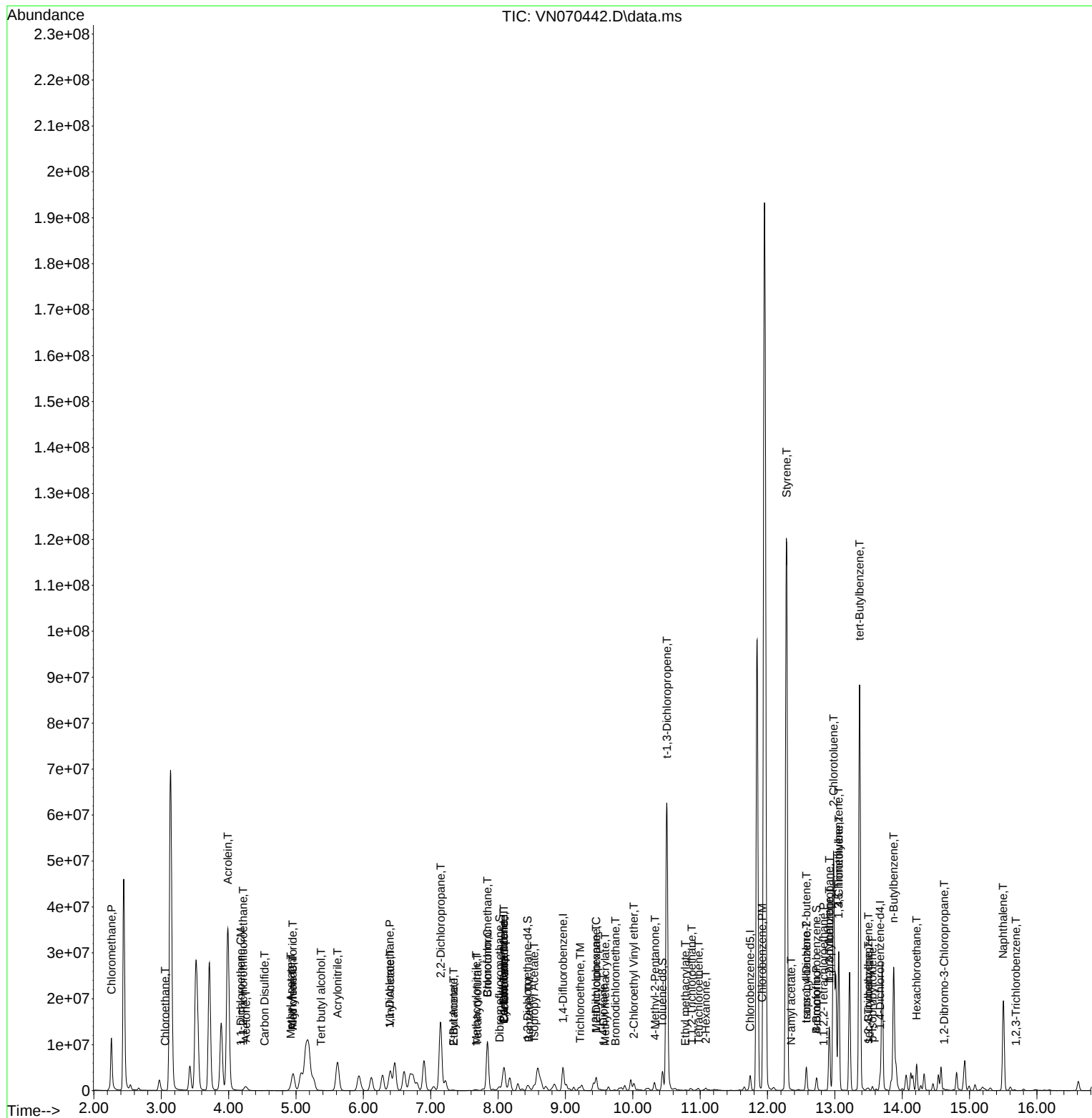
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
58) 2-Chloroethyl Vinyl ether	10.017	63	6806	19.619	ug/l	#	45
59) 2-Hexanone	11.084	43	440762	25.601	ug/l		72
64) Tetrachloroethene	10.980	164	2738	0.222	ug/l		91
65) Chlorobenzene	11.921	112	39018	1.078	ug/l	#	51
70) Styrene	12.283	104	2514640	66.169	ug/l	#	1
71) Bromoform	12.728	173	3871	0.404	ug/l	#	1
73) Isopropylbenzene	12.575	105	3353039	46.533	ug/l		99
74) N-amyl acetate	12.350	43	55918	1.846	ug/l	#	49
75) 1,1,2,2-Tetrachloroethane	12.833	83	1678	0.511	ug/l	#	25
76) 1,2,3-Trichloropropane	12.919	75	69117	5.578	ug/l	#	1
78) n-propylbenzene	12.919	91	11079026	138.768	ug/l		96
79) 2-Chlorotoluene	12.980	91	4514284	88.124	ug/l	#	38
80) 1,3,5-Trimethylbenzene	13.053	105	1044979	18.097	ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.575	75	41742	6.573	ug/l	#	74
82) 4-Chlorotoluene	13.058	91	1844923	38.448	ug/l	#	38
83) tert-Butylbenzene	13.367	119	7820574	153.811	ug/l	#	59
84) 1,2,4-Trimethylbenzene	13.498	105	308492	5.548	ug/l	#	31
85) sec-Butylbenzene	13.498	105	308492	4.469	ug/l	#	70
86) p-Isopropyltoluene	13.557	119	471260	8.691	ug/l	#	77
89) n-Butylbenzene	13.873	91	3272091	72.343	ug/l	#	52
90) Hexachloroethane	14.214	117	260148	27.615	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.622	75	1100	0.264	ug/l	#	1
95) Naphthalene	15.499	128	17476788	478.368	ug/l		99
96) 1,2,3-Trichlorobenzene	15.689	180	1671	0.960	ug/l	#	71

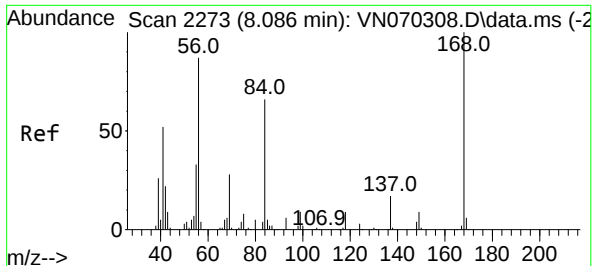
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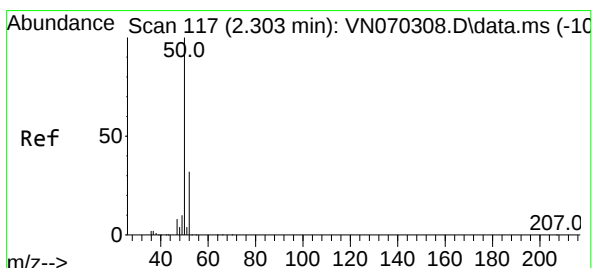
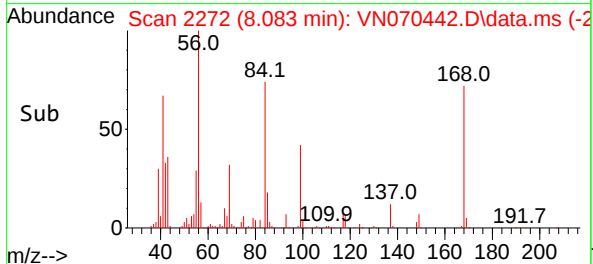
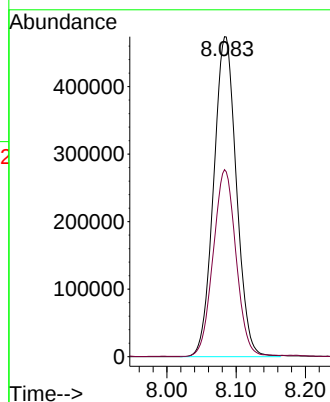
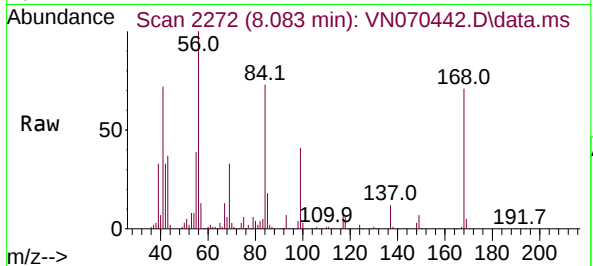




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

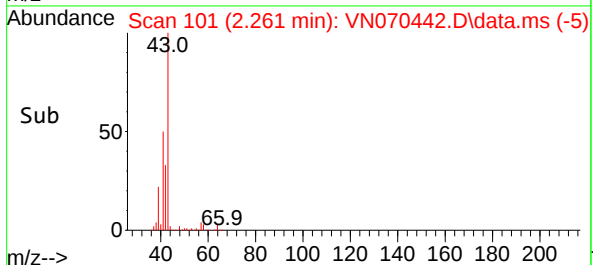
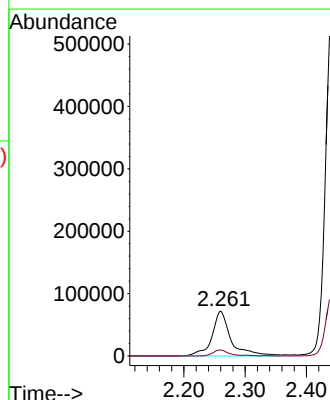
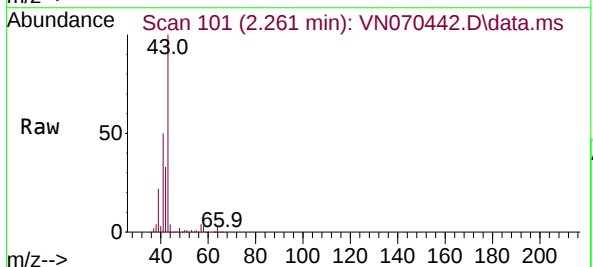
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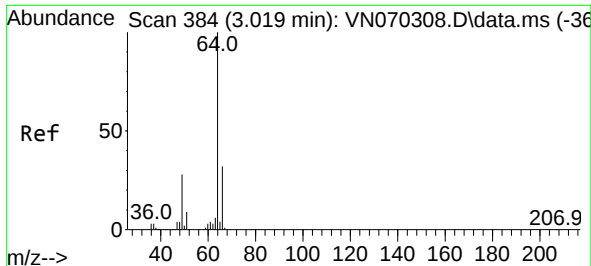
Tgt Ion:168 Resp: 1081172
Ion Ratio Lower Upper
168 100
99 58.3 41.3 61.9



#3
Chloromethane
Concen: 9.268 ug/l
RT: 2.261 min Scan# 101
Delta R.T. -0.042 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 50 Resp: 154587
Ion Ratio Lower Upper
50 100
52 13.3 25.4 38.0#

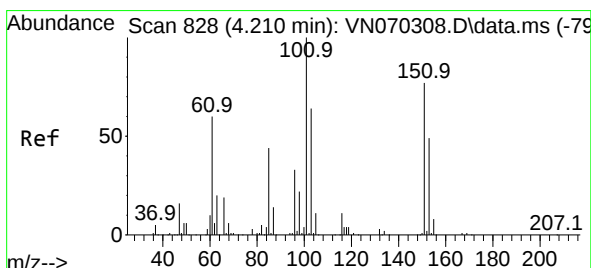
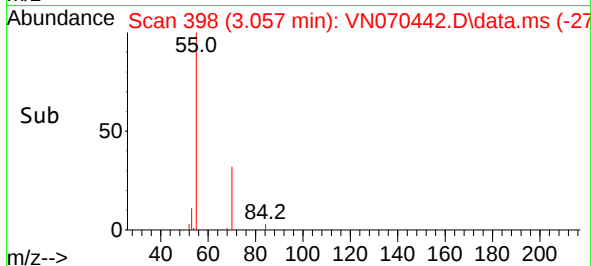
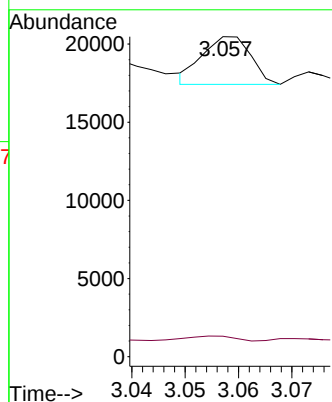
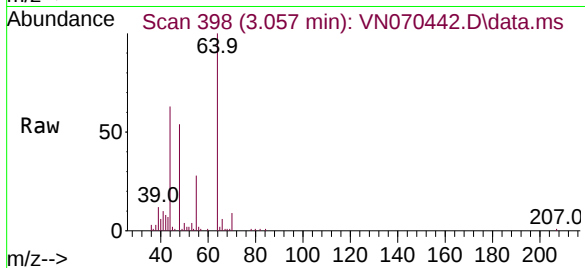




#6
Chloroethane
Concen: 0.209 ug/l
RT: 3.057 min Scan# 31
Delta R.T. 0.038 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

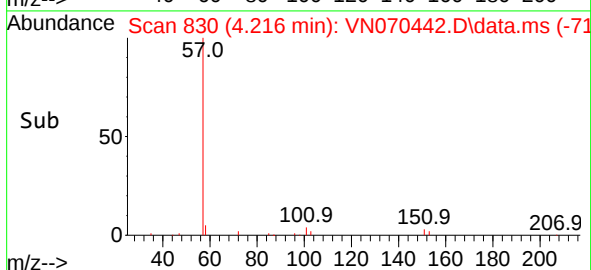
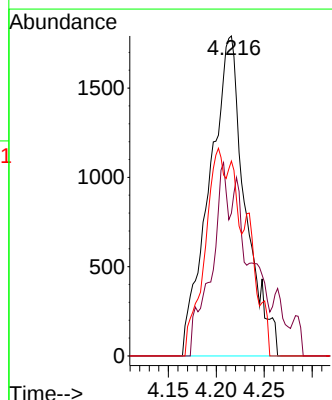
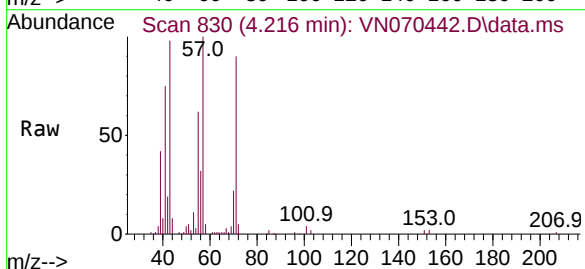
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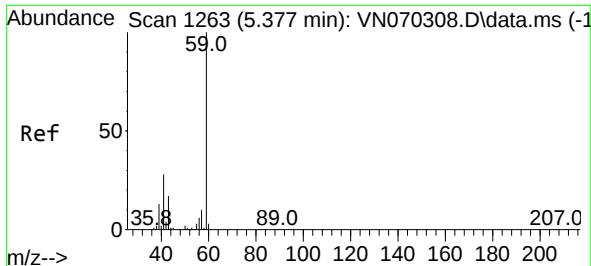
Tgt Ion: 64 Resp: 1913
Ion Ratio Lower Upper
64 100
66 5.1 26.3 39.5#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.416 ug/l
RT: 4.216 min Scan# 830
Delta R.T. 0.006 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion:101 Resp: 4649
Ion Ratio Lower Upper
101 100
85 6.5 37.2 55.8#
151 0.0 65.9 98.9#

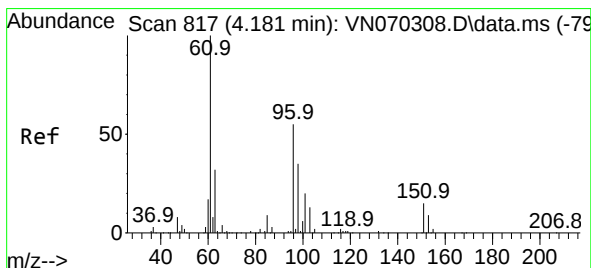
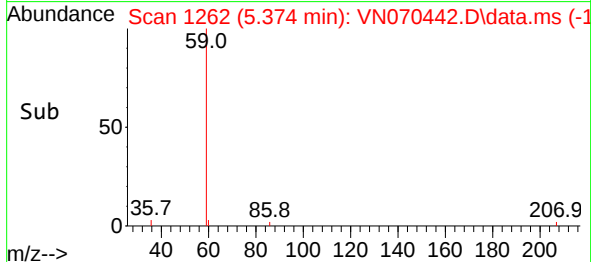
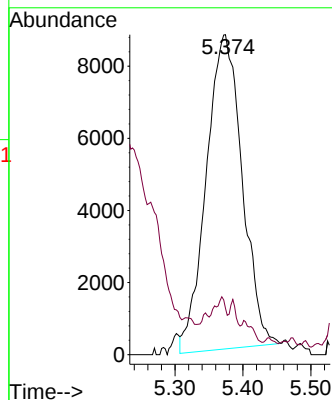
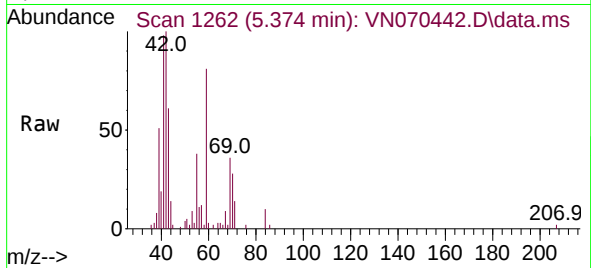




#11
Tert butyl alcohol
Concen: 12.359 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

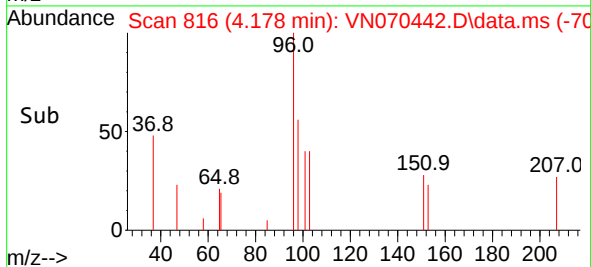
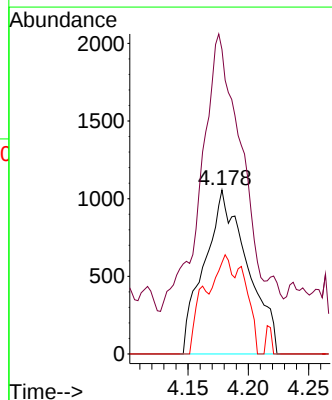
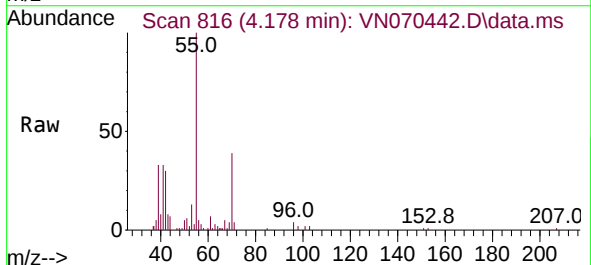
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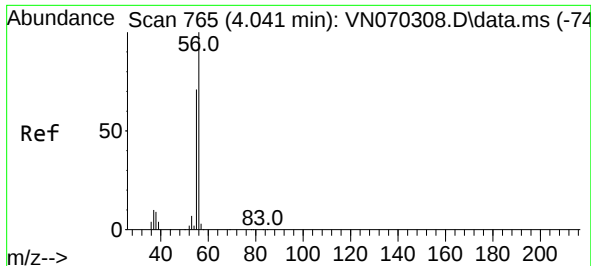
Tgt Ion: 59 Resp: 31989
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 0.238 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.003 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 96 Resp: 2620
Ion Ratio Lower Upper
96 100
61 149.1 131.0 196.6
98 55.7 52.4 78.6

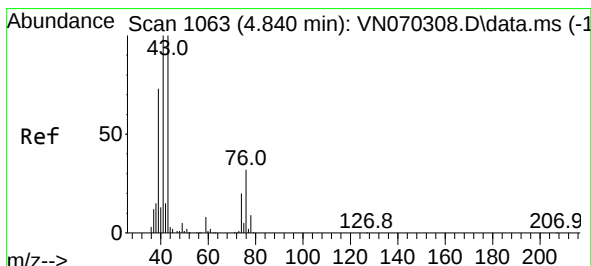
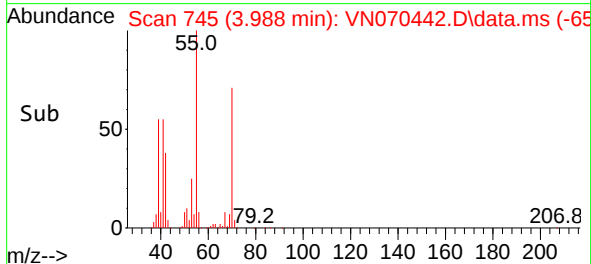
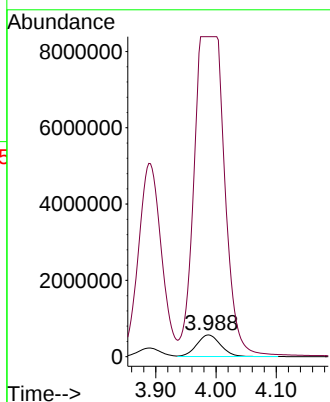
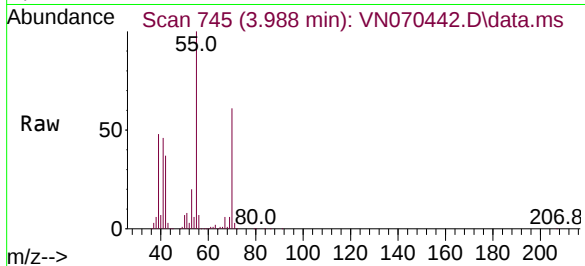




#13
Acrolein
Concen: 745.866 ug/l
RT: 3.988 min Scan# 74
Delta R.T. -0.053 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

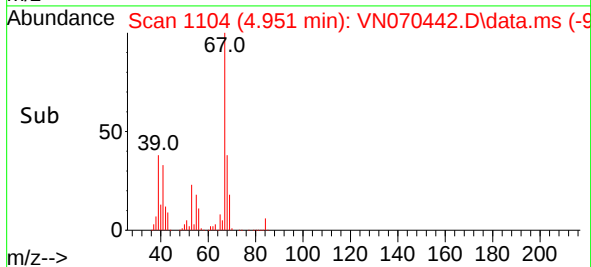
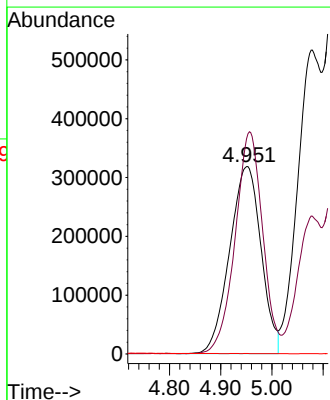
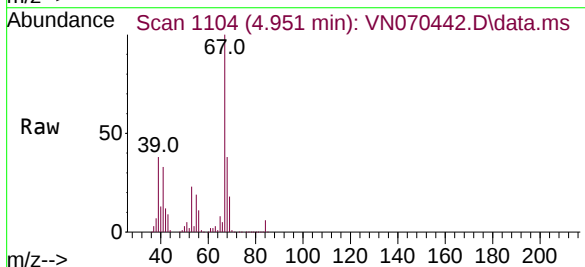
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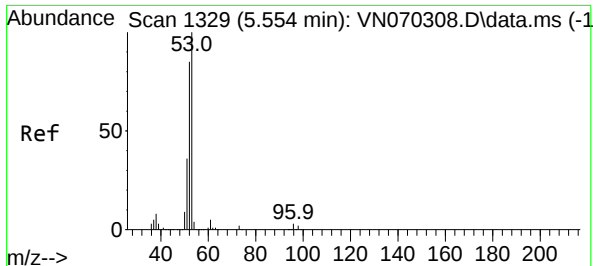
Tgt Ion: 56 Resp: 1566435
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#14
Allyl chloride
Concen: 54.463 ug/l
RT: 4.951 min Scan# 1104
Delta R.T. 0.111 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 41 Resp: 1359679
Ion Ratio Lower Upper
41 100
39 103.7 61.2 91.8#
76 0.0 26.0 39.0#

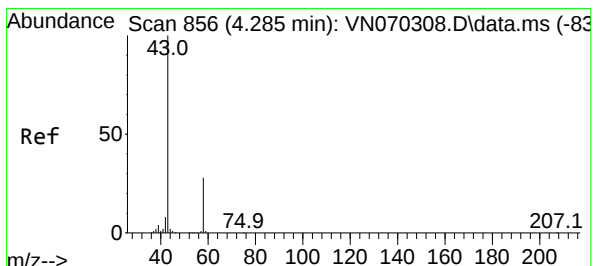
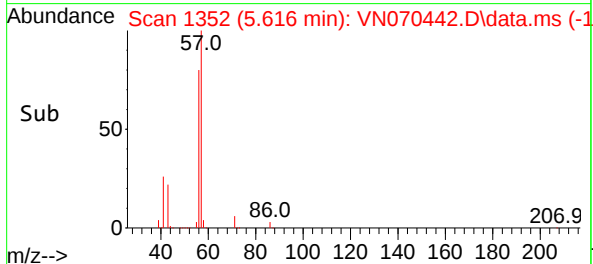
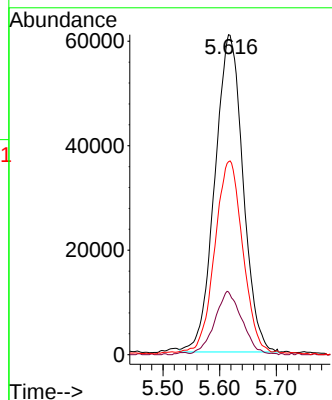
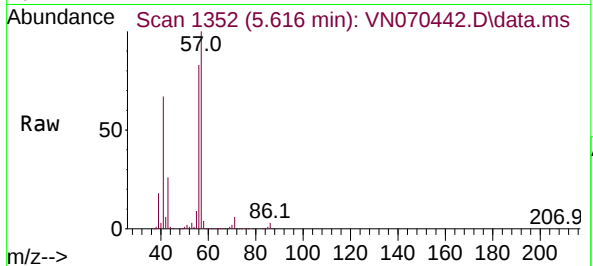




#15
Acrylonitrile
Concen: 26.026 ug/l
RT: 5.616 min Scan# 11
Delta R.T. 0.062 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

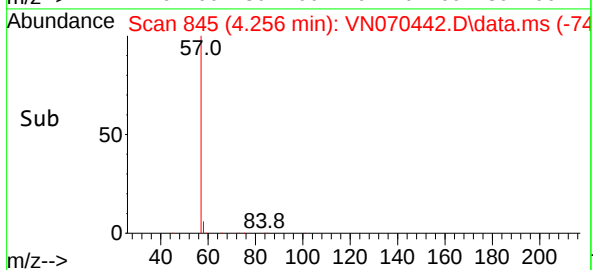
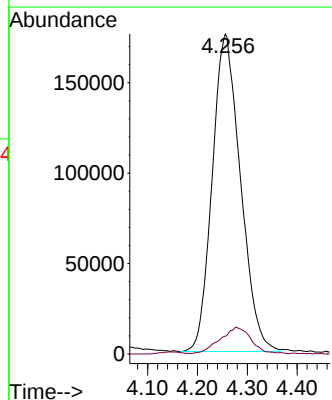
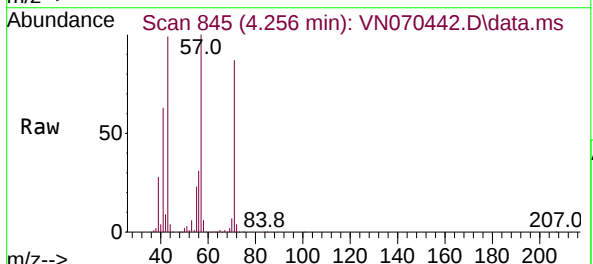
Instrument :
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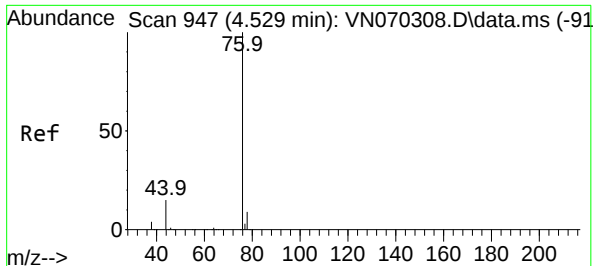
Tgt Ion: 53 Resp: 210212
Ion Ratio Lower Upper
53 100
52 19.4 66.2 99.2#
51 59.3 29.6 44.4#



#16
Acetone
Concen: 68.539 ug/l
RT: 4.256 min Scan# 845
Delta R.T. -0.029 min
Lab File: VN070442.D
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Tgt Ion: 43 Resp: 691646
Ion Ratio Lower Upper
43 100
58 5.2 23.1 34.7#

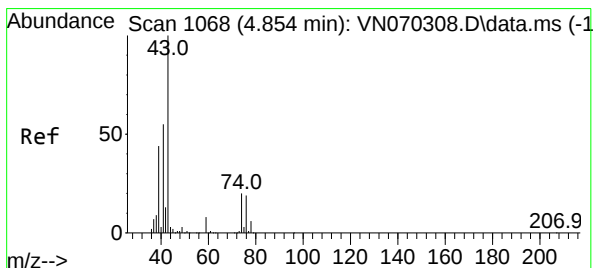
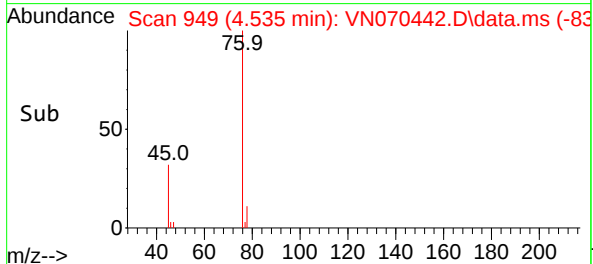
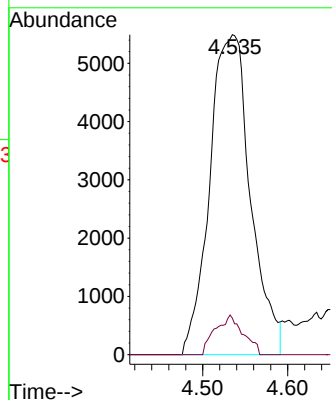
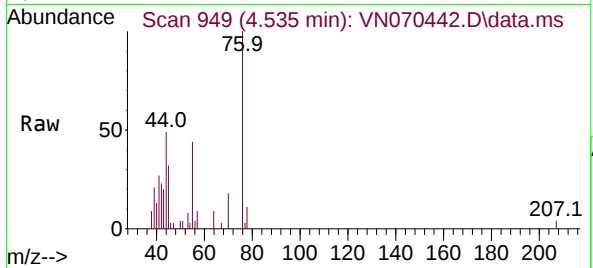




#17
Carbon Disulfide
Concen: 0.609 ug/l
RT: 4.535 min Scan# 947
Delta R.T. 0.006 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

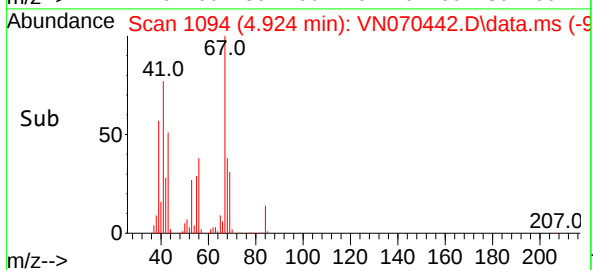
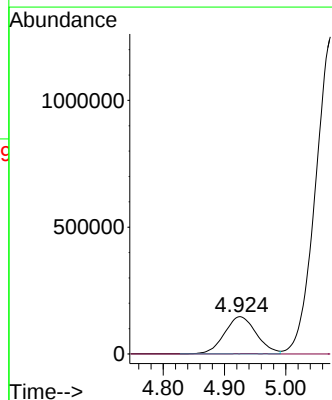
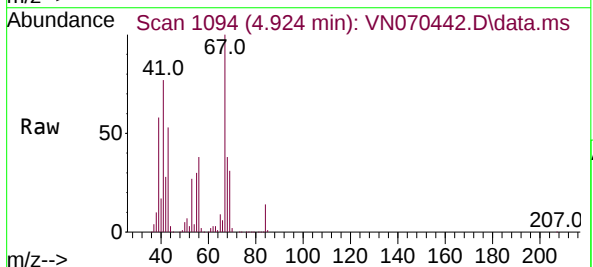
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

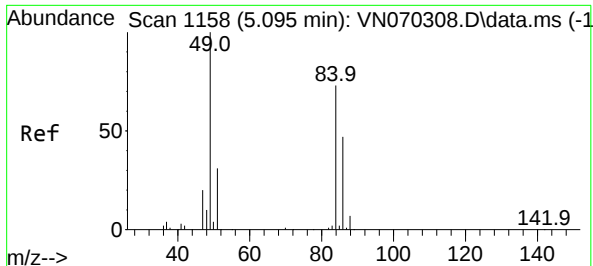
Tgt Ion: 76 Resp: 18308
Ion Ratio Lower Upper
76 100
78 11.4 7.5 11.3#



#18
Methyl Acetate
Concen: 18.159 ug/l
RT: 4.924 min Scan# 1094
Delta R.T. 0.070 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 43 Resp: 530077
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#

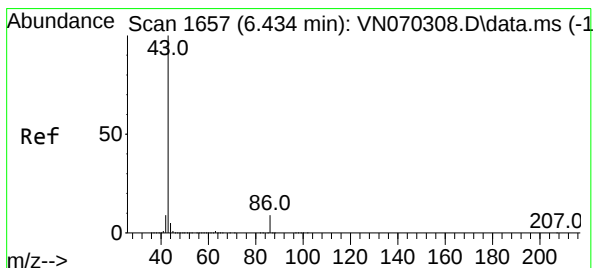
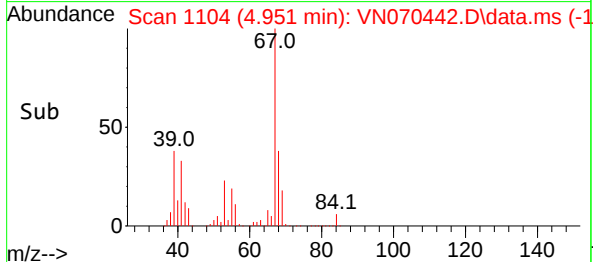
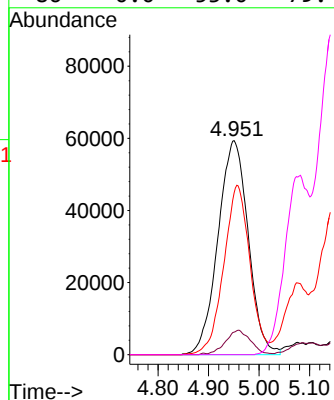
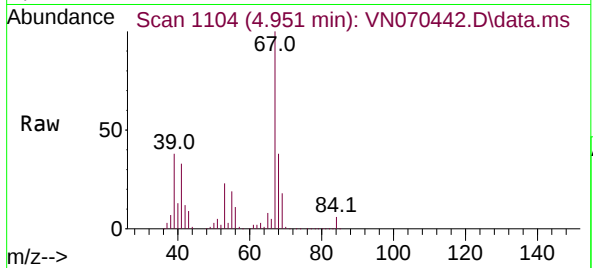




#20
Methylene Chloride
Concen: 17.721 ug/l
RT: 4.951 min Scan# 1158
Delta R.T. -0.144 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

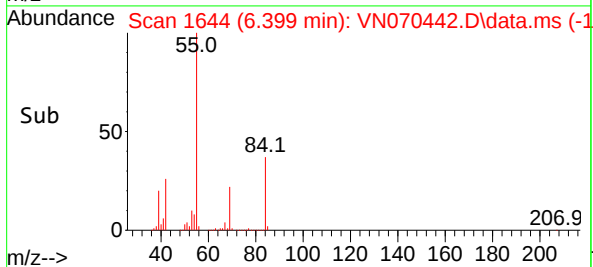
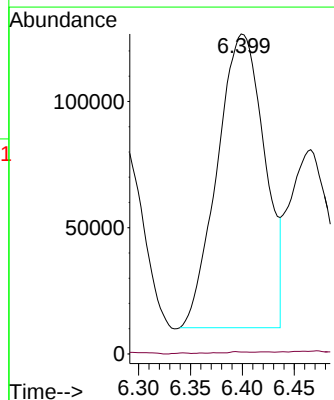
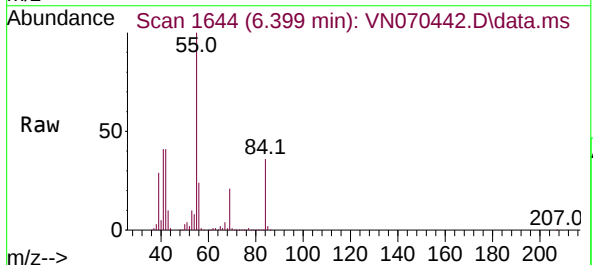
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

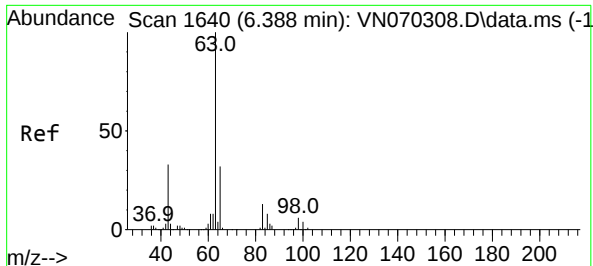
Tgt Ion: 84 Resp: 247426
Ion Ratio Lower Upper
84 100
49 10.5 93.5 140.3#
51 75.5 29.4 44.2#
86 0.0 53.0 79.4#



#23
Vinyl Acetate
Concen: 9.817 ug/l
RT: 6.399 min Scan# 1644
Delta R.T. -0.035 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 43 Resp: 370379
Ion Ratio Lower Upper
43 100
86 0.4 8.5 12.7#





#24

1,1-Dichloroethane

Concen: 0.813 ug/l

RT: 6.391 min Scan# 1

Delta R.T. 0.003 min

Lab File: VN070442.D

Acq: 3 Jan 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

MW-101R

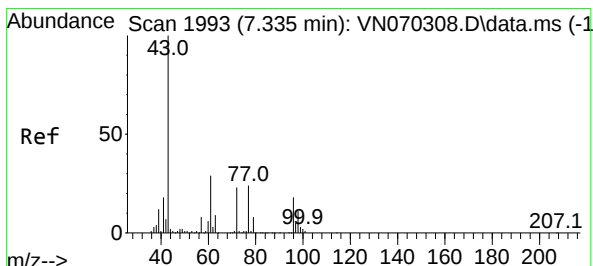
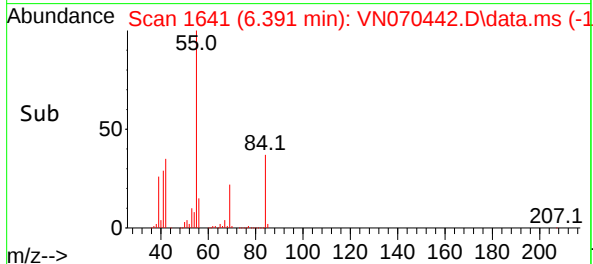
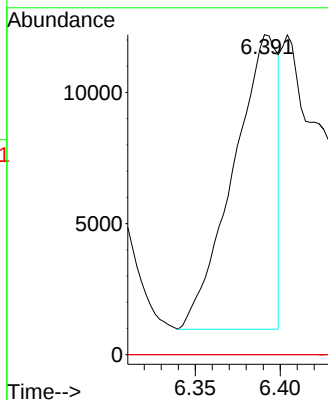
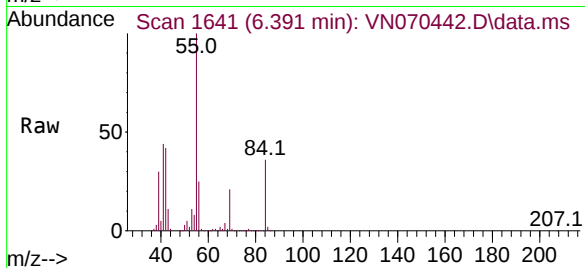
Tgt Ion: 63 Resp: 20489

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

100 0.0 2.1 6.5#



#25

2-Butanone

Concen: 10.175 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.005 min

Lab File: VN070442.D

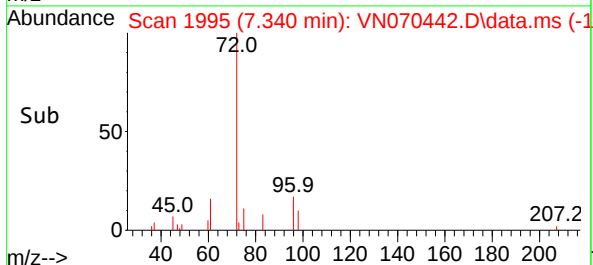
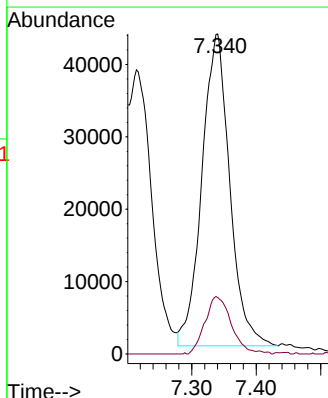
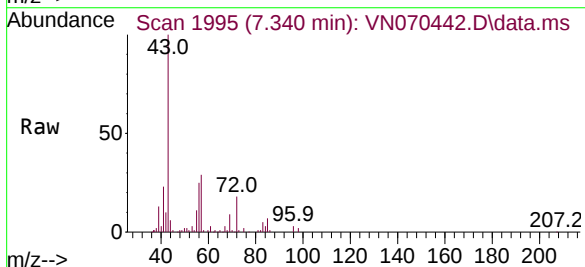
Acq: 3 Jan 2022 17:17

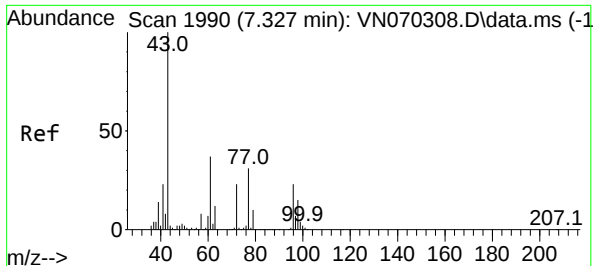
Tgt Ion: 43 Resp: 129280

Ion Ratio Lower Upper

43 100

72 18.1 21.7 32.5#





#26

2,2-Dichloropropane

Concen: 3.766 ug/l

RT: 7.147 min Scan# 1990

Delta R.T. -0.180 min

Lab File: VN070442.D

Acq: 3 Jan 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

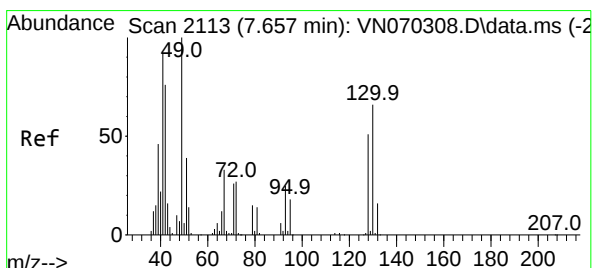
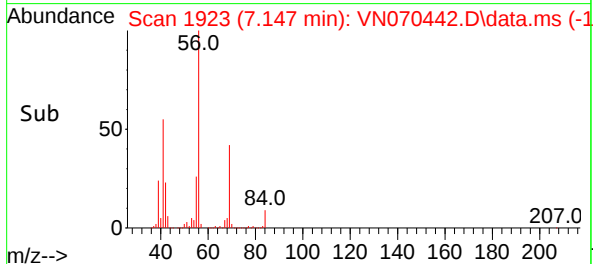
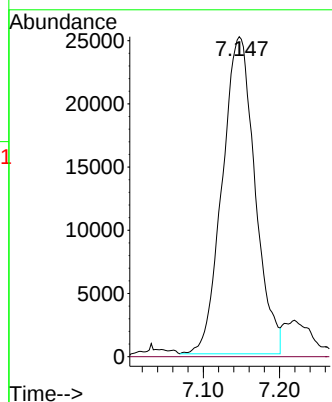
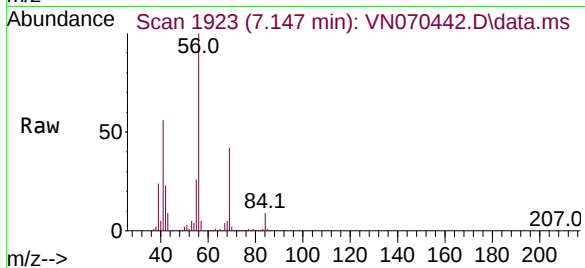
MW-101R

Tgt Ion: 77 Resp: 74903

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#28

Bromochloromethane

Concen: 5.015 ug/l

RT: 7.842 min Scan# 2182

Delta R.T. 0.185 min

Lab File: VN070442.D

Acq: 3 Jan 2022 17:17

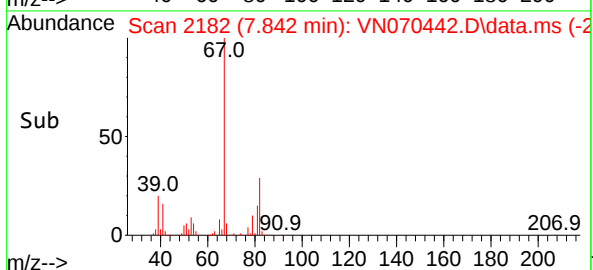
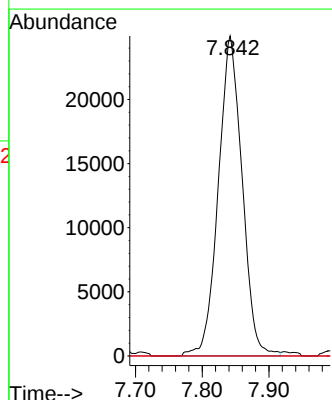
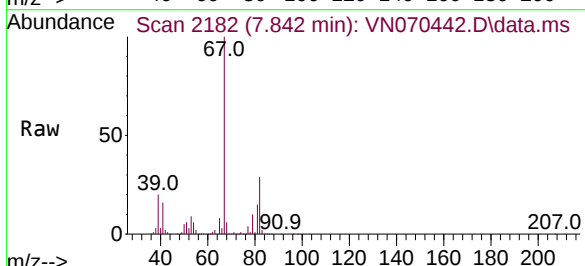
Tgt Ion: 49 Resp: 61839

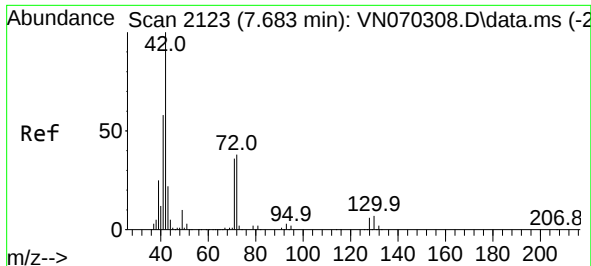
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 1.872 ug/l

RT: 7.694 min Scan# 2123

Delta R.T. 0.011 min

Lab File: VN070442.D

Acq: 3 Jan 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

MW-101R

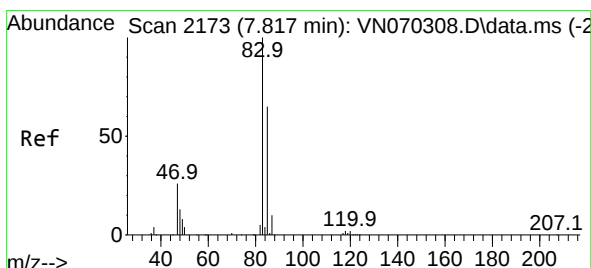
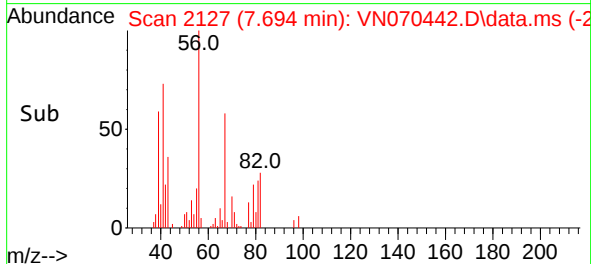
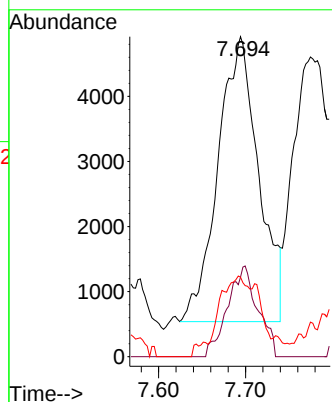
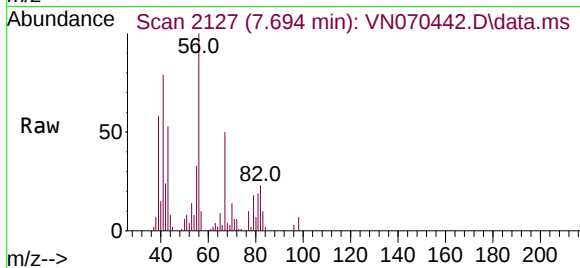
Tgt Ion: 42 Resp: 14189

Ion Ratio Lower Upper

42 100

72 23.7 36.3 54.5#

71 15.8 34.7 52.1#



#30

Chloroform

Concen: 7.337 ug/l

RT: 7.842 min Scan# 2182

Delta R.T. 0.025 min

Lab File: VN070442.D

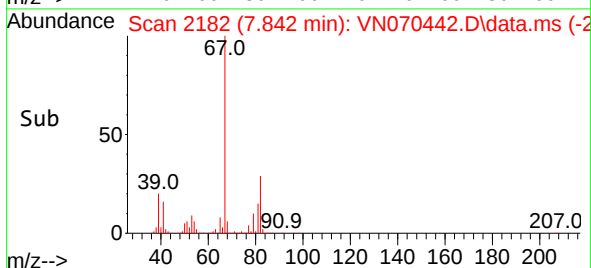
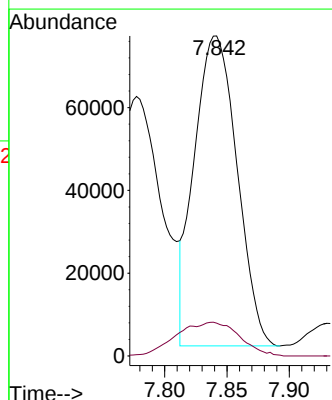
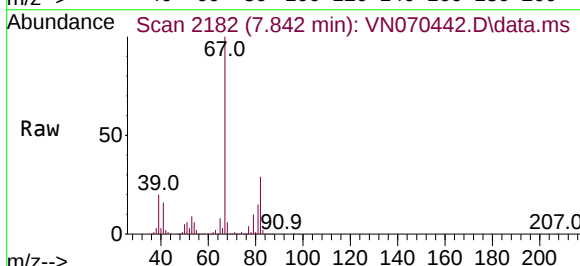
Acq: 3 Jan 2022 17:17

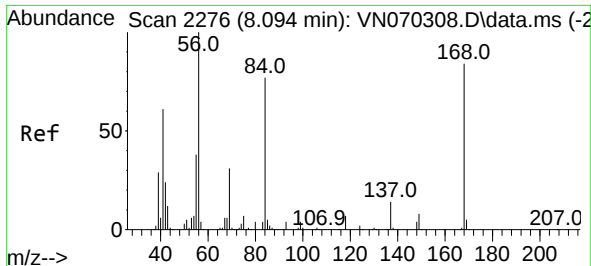
Tgt Ion: 83 Resp: 178468

Ion Ratio Lower Upper

83 100

85 10.3 51.9 77.9#

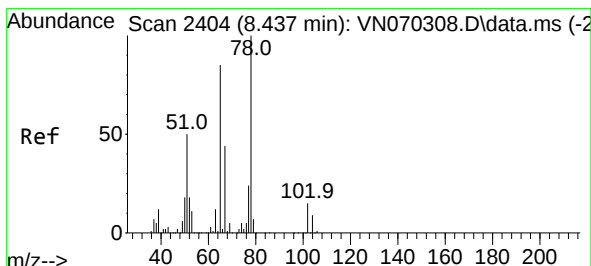
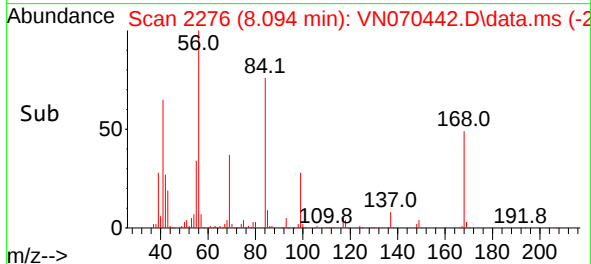
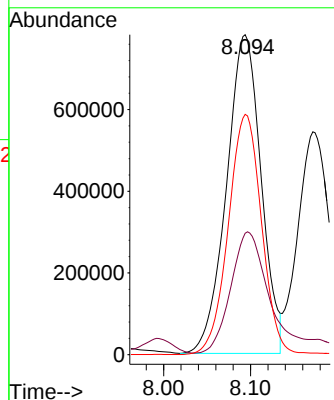
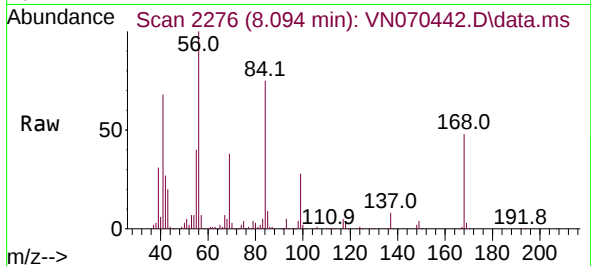




#31
Cyclohexane
Concen: 87.915 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

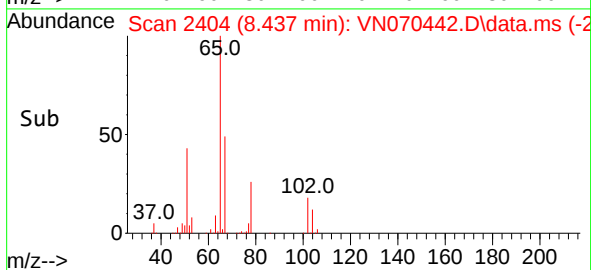
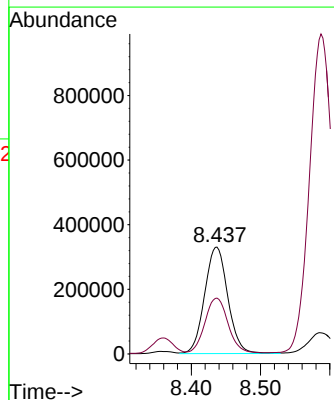
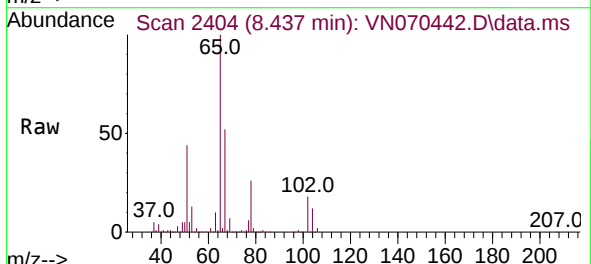
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

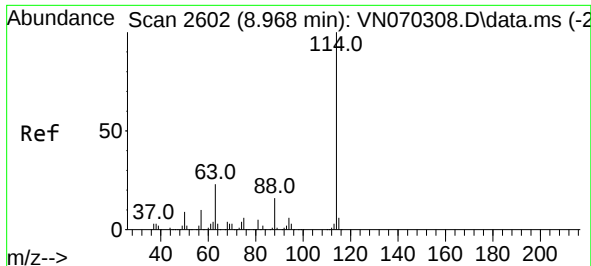
Tgt Ion: 56 Resp: 2156632
Ion Ratio Lower Upper
56 100
69 36.5 27.1 40.7
84 75.4 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 49.500 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 65 Resp: 769491
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0

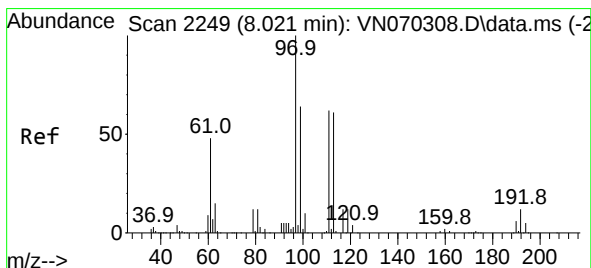
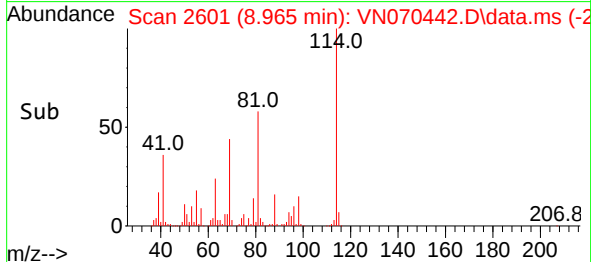
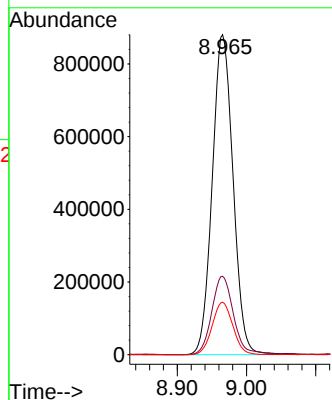
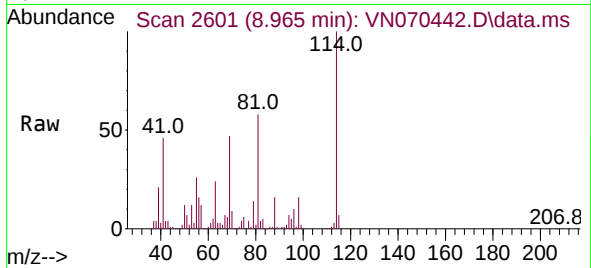




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

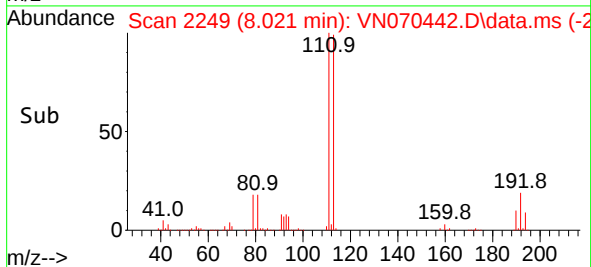
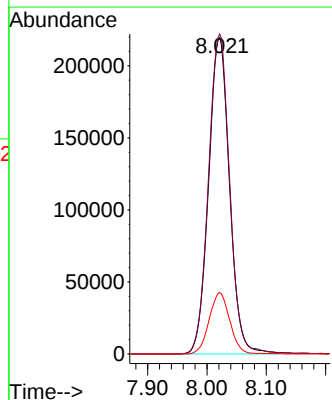
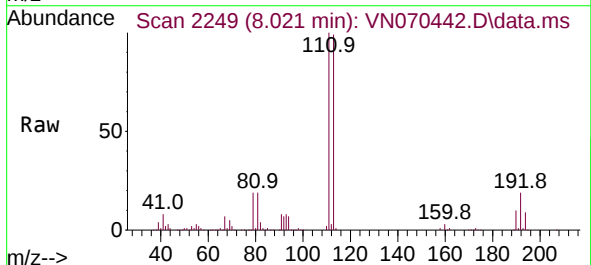
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

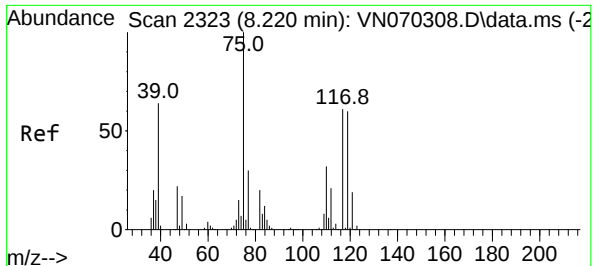
Tgt Ion:114 Resp: 1836827
Ion Ratio Lower Upper
114 100
63 24.5 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.333 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion:113 Resp: 537164
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 19.0 16.9 25.3

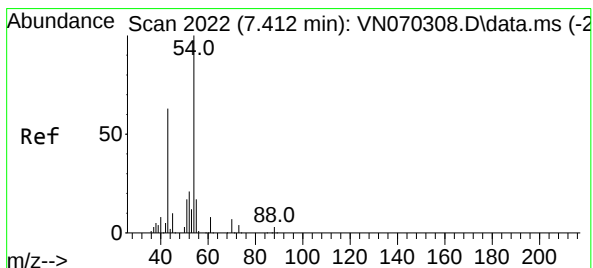
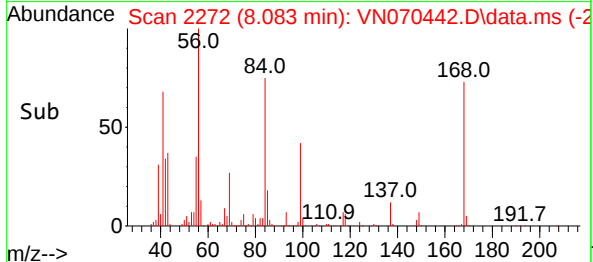
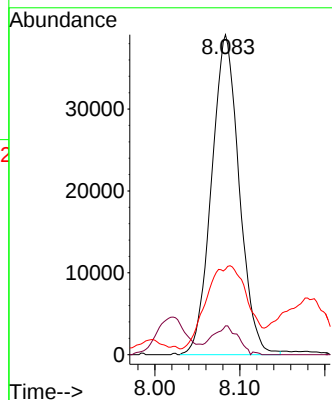
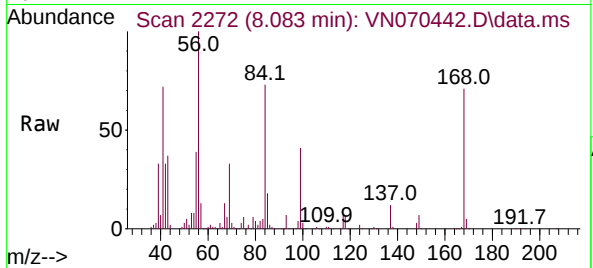




#36
1,1-Dichloropropene
Concen: 4.807 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

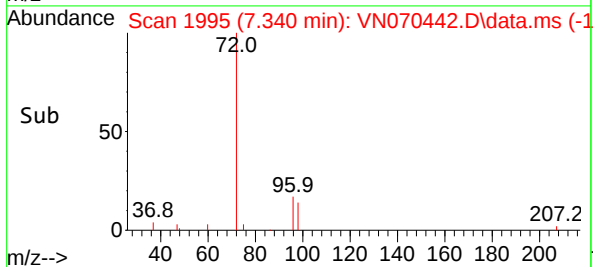
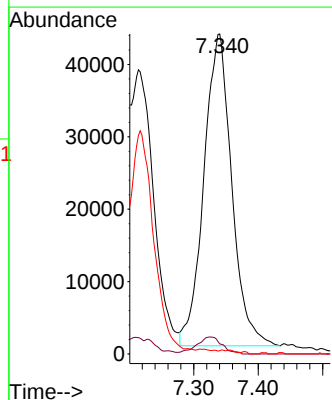
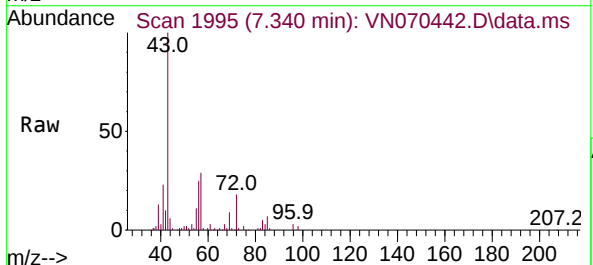
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

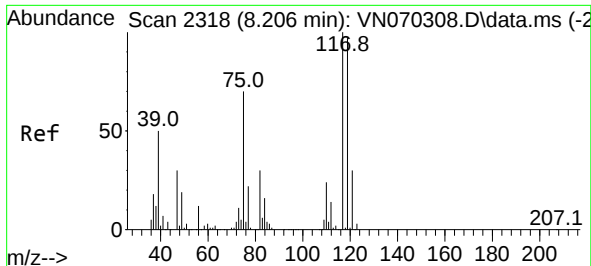
Tgt Ion: 75 Resp: 88382
Ion Ratio Lower Upper
75 100
110 8.3 18.4 55.2#
77 39.2 24.4 36.6#



#37
Ethyl Acetate
Concen: 5.425 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.072 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 43 Resp: 129280
Ion Ratio Lower Upper
43 100
61 5.0 11.5 17.3#
70 0.0 7.9 11.9#

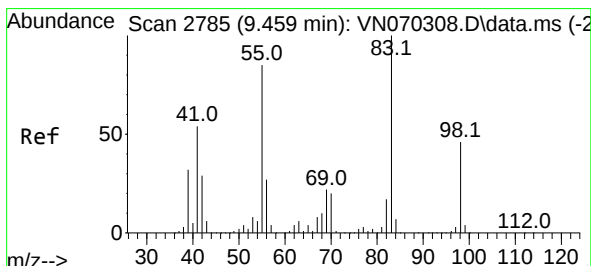
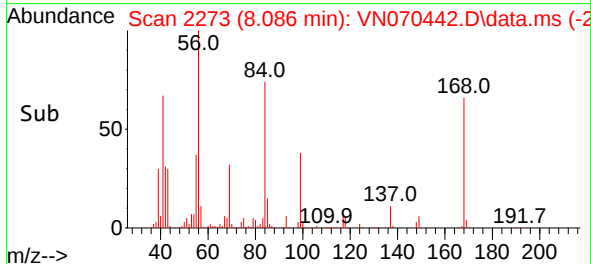
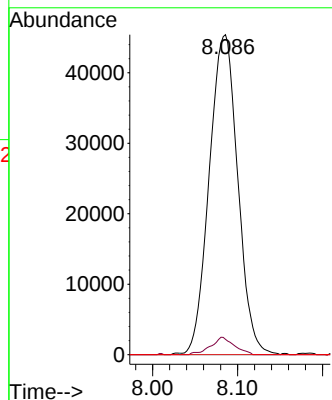
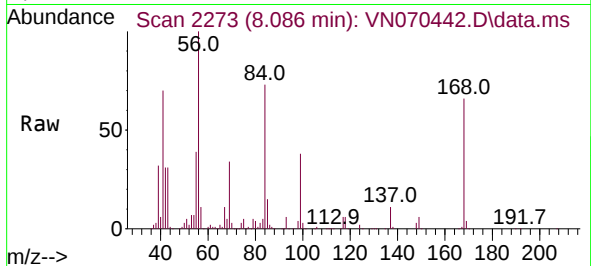




#38
Carbon Tetrachloride
Concen: 6.042 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

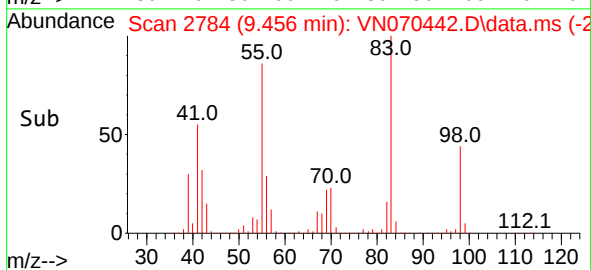
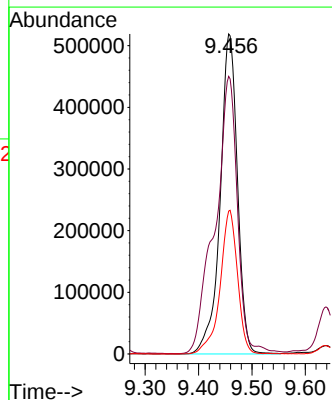
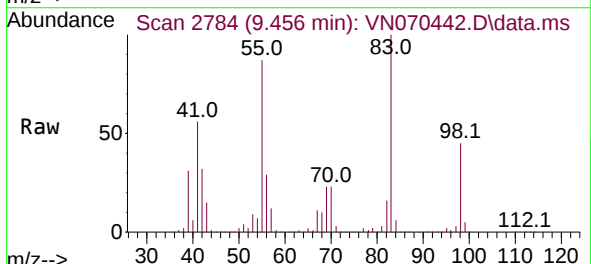
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

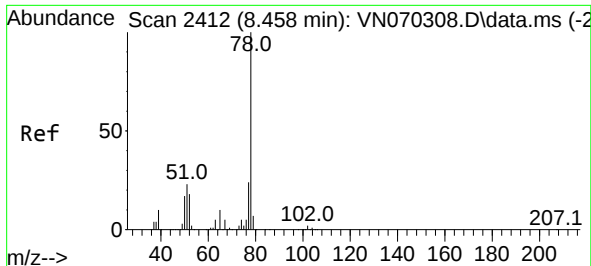
Tgt Ion:117 Resp: 106065
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 52.609 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 83 Resp: 1170971
Ion Ratio Lower Upper
83 100
55 86.6 58.1 87.1
98 44.6 38.4 57.6

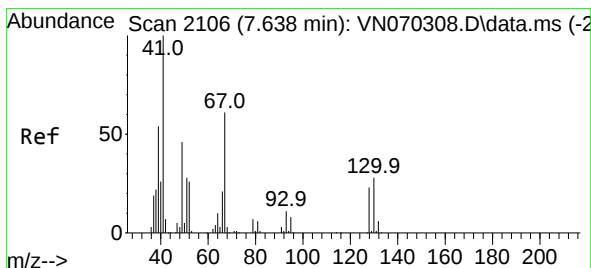
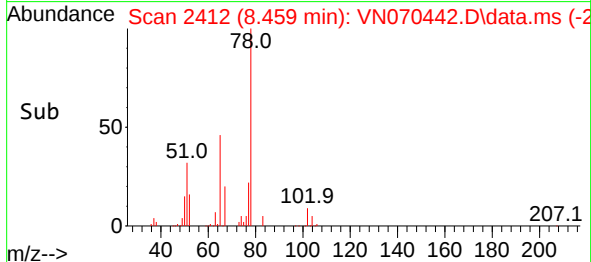
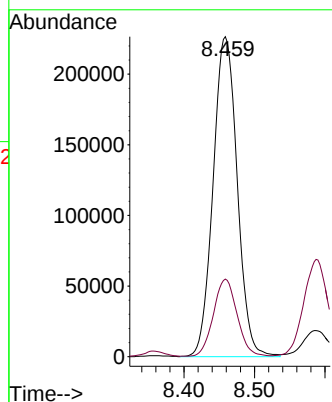
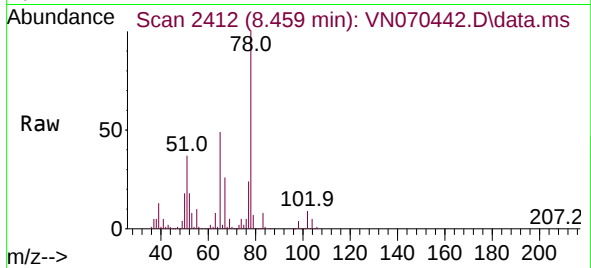




#40
Benzene
Concen: 9.562 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. 0.001 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

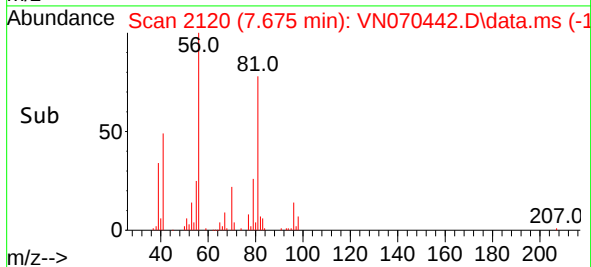
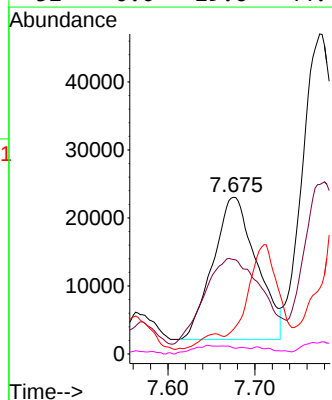
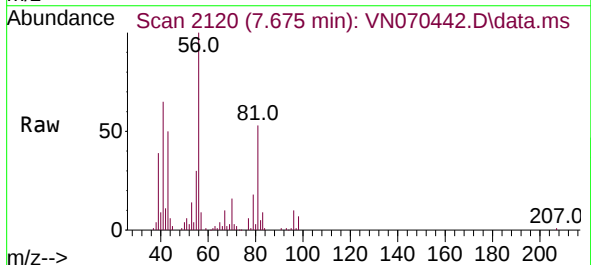
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

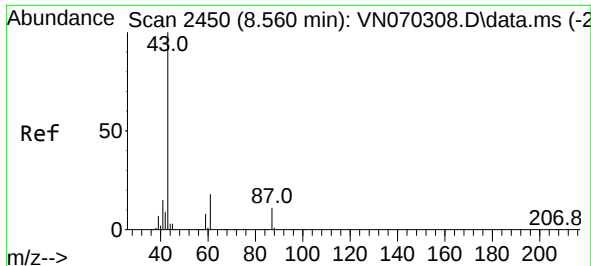
Tgt Ion: 78 Resp: 538932
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8



#41
Methacrylonitrile
Concen: 6.122 ug/l
RT: 7.675 min Scan# 2120
Delta R.T. 0.037 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 41 Resp: 72974
Ion Ratio Lower Upper
41 100
39 80.4 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#

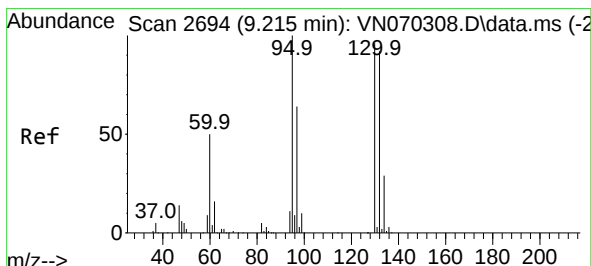
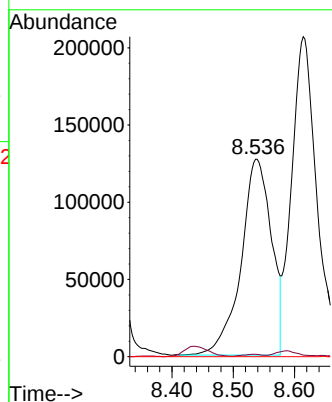
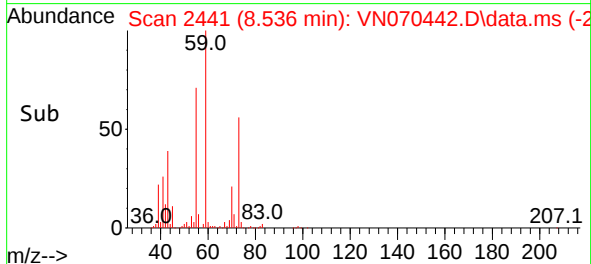
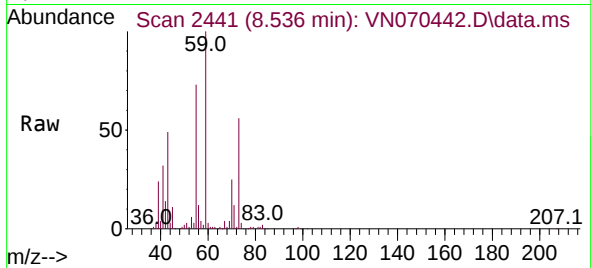




#43
Isopropyl Acetate
Concen: 11.629 ug/l
RT: 8.536 min Scan# 2441
Delta R.T. -0.024 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

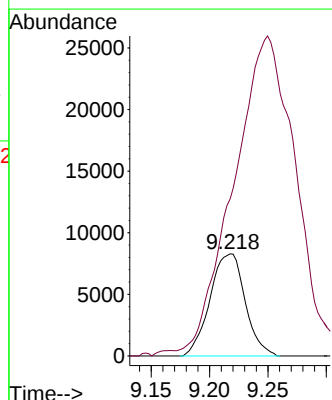
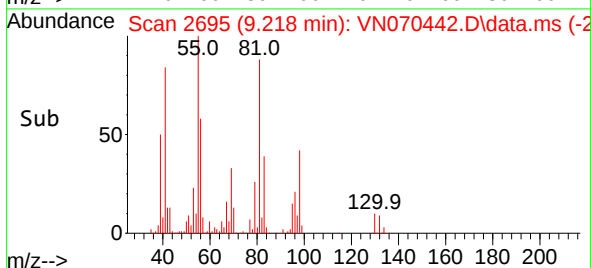
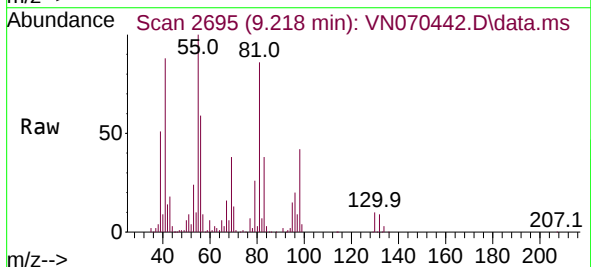
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

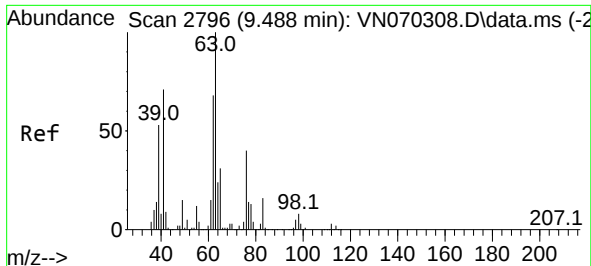
Tgt Ion: 43 Resp: 436915
Ion Ratio Lower Upper
43 100
61 0.7 20.4 30.6#
87 0.0 11.2 16.8#



#44
Trichloroethene
Concen: 1.298 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.003 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion:130 Resp: 17383
Ion Ratio Lower Upper
130 100
95 147.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.606 ug/l

RT: 9.456 min Scan# 21

Delta R.T. -0.032 min

Lab File: VN070442.D

Acq: 3 Jan 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

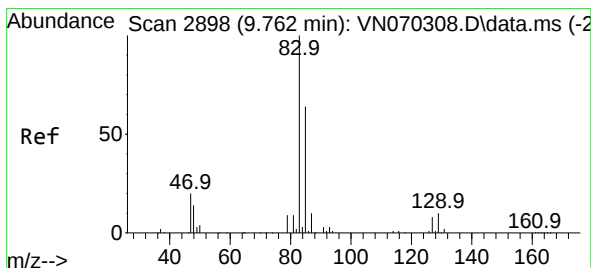
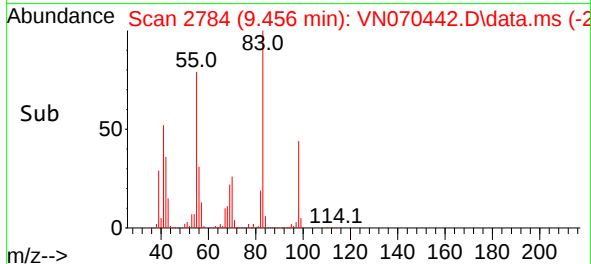
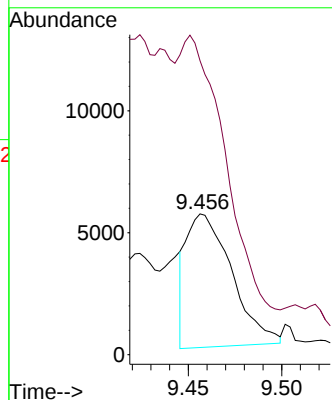
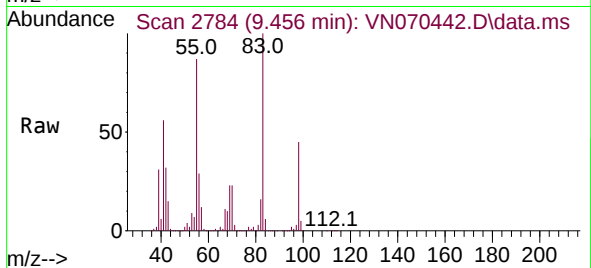
MW-101R

Tgt Ion: 63 Resp: 9199

Ion Ratio Lower Upper

63 100

65 202.3 24.7 37.1#



#47

Bromodichloromethane

Concen: 0.852 ug/l

RT: 9.743 min Scan# 2891

Delta R.T. -0.019 min

Lab File: VN070442.D

Acq: 3 Jan 2022 17:17

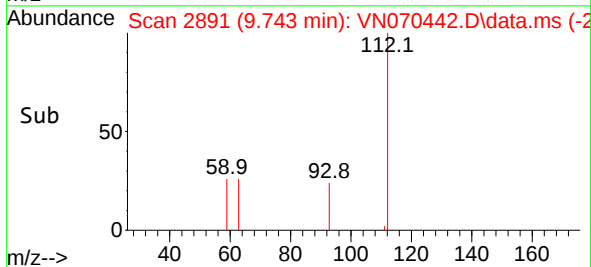
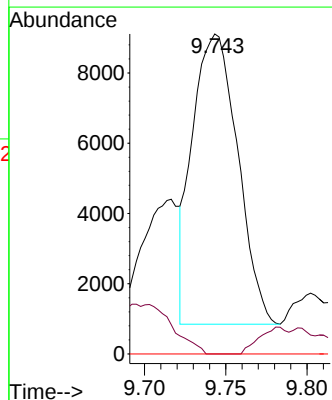
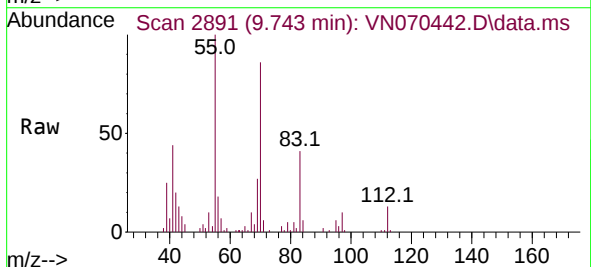
Tgt Ion: 83 Resp: 15972

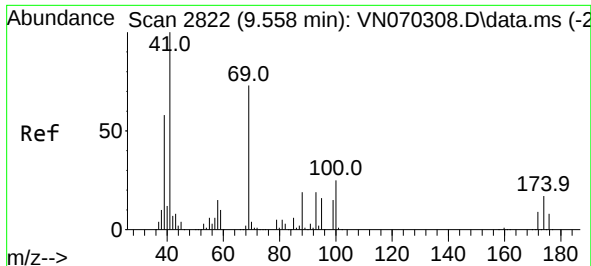
Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

127 0.0 7.1 10.7#

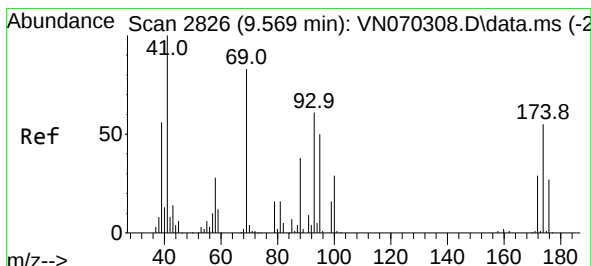
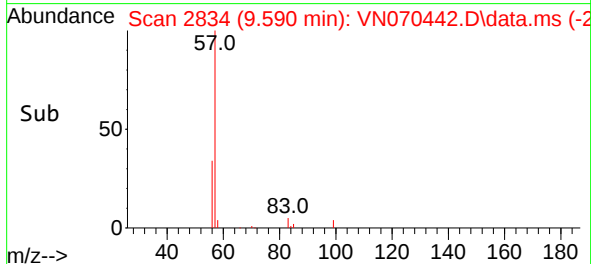
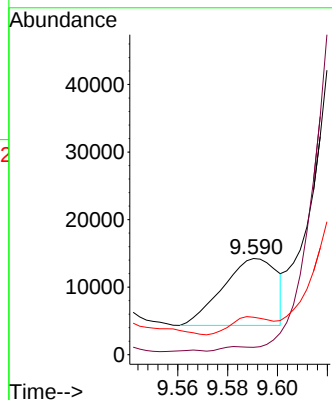
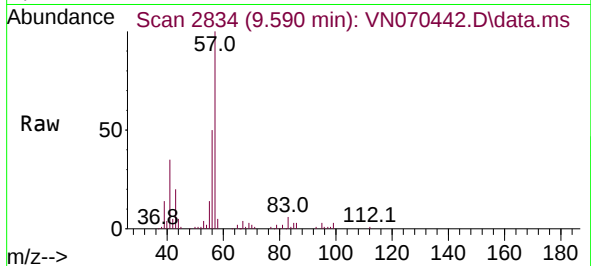




#48
Methyl methacrylate
Concen: 0.833 ug/l
RT: 9.590 min Scan# 21
Delta R.T. 0.032 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

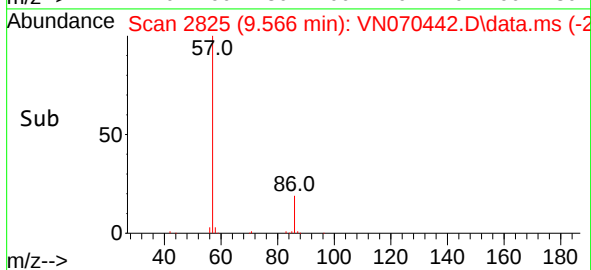
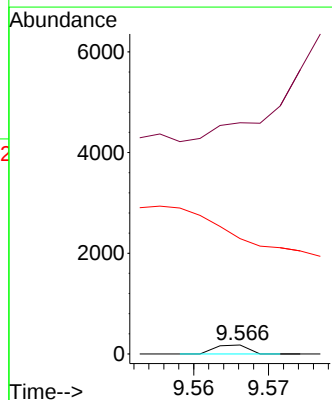
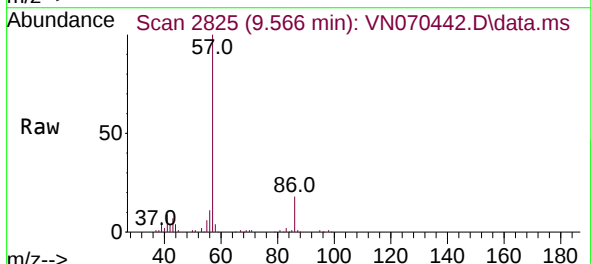
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

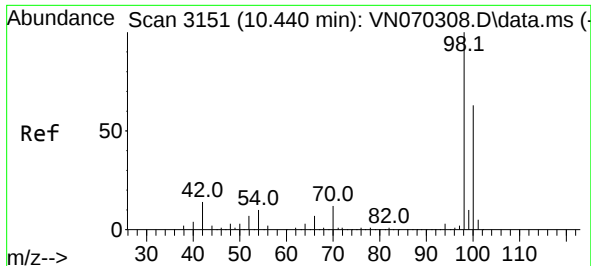
Tgt Ion: 41 Resp: 14930
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 0.0 58.4 87.6#



#49
1,4-Dioxane
Concen: 0.210 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. -0.003 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 4349.1 50.6 75.8#

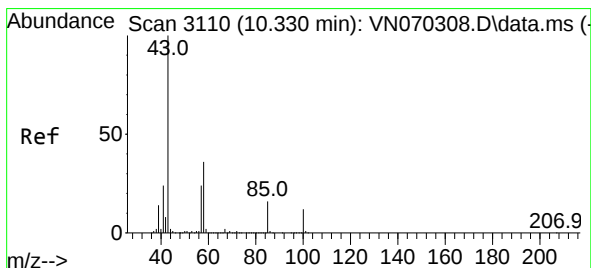
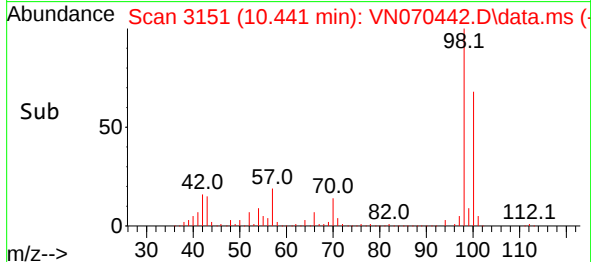
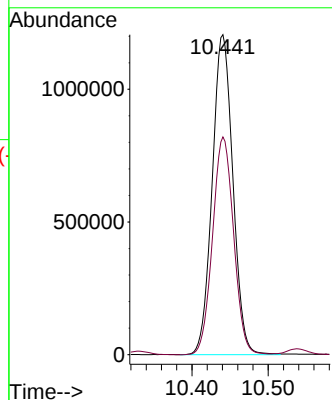
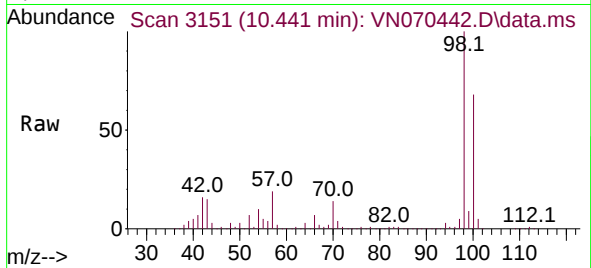




#50
Toluene-d8
Concen: 49.927 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

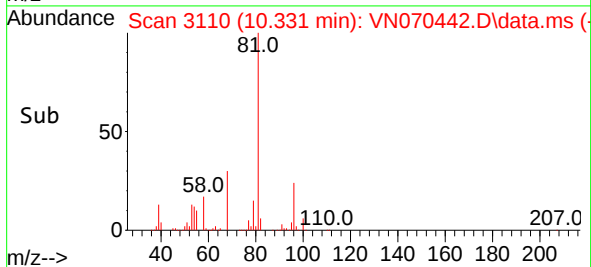
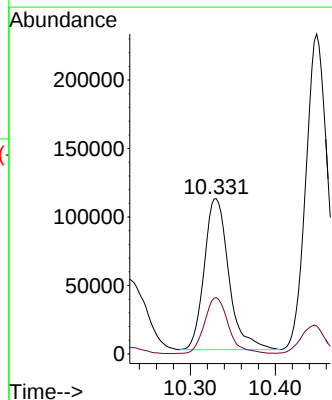
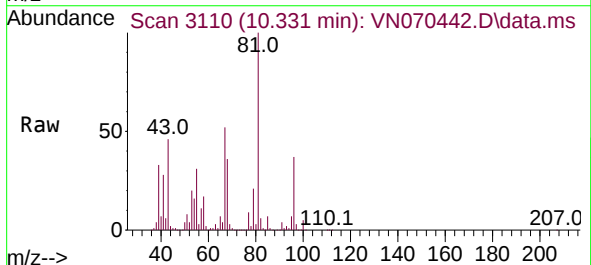
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

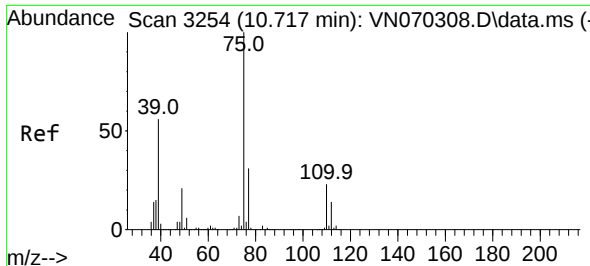
Tgt Ion: 98 Resp: 2266706
Ion Ratio Lower Upper
98 100
100 69.4 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 9.418 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.001 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 43 Resp: 222357
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6

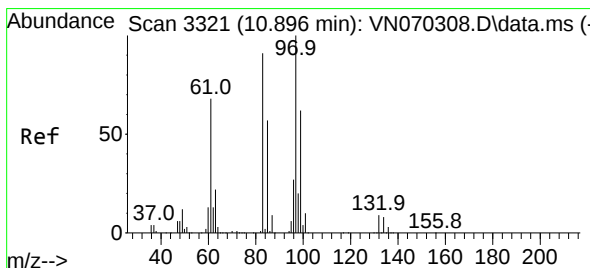
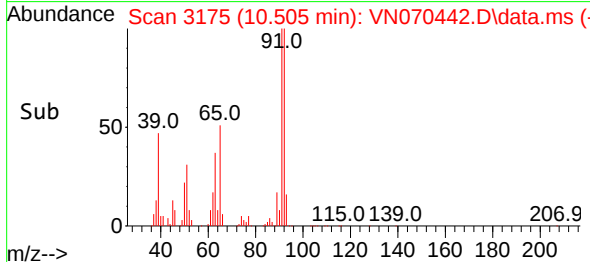
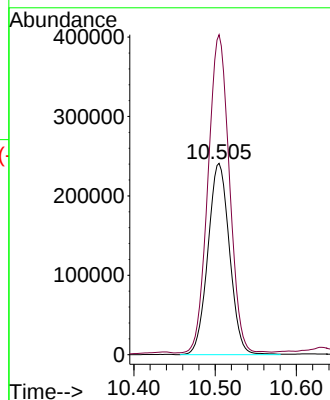
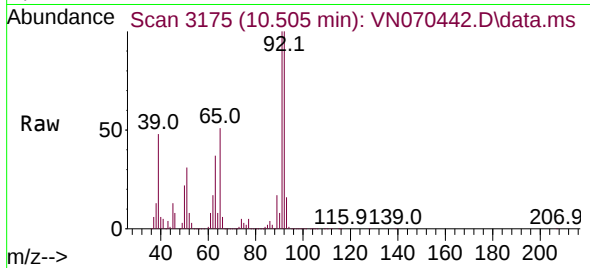




#53
t-1,3-Dichloropropene
Concen: 21.936 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.212 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

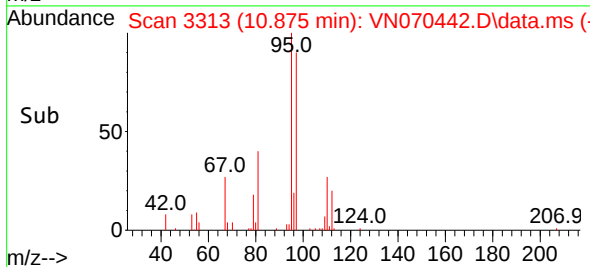
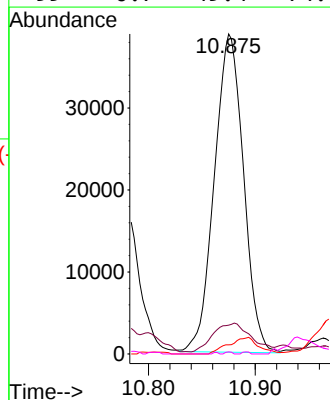
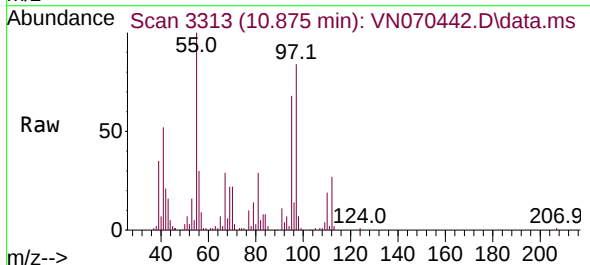
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

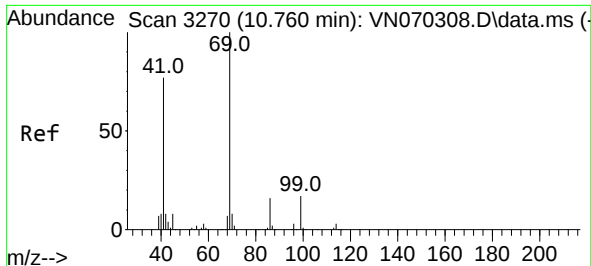
Tgt Ion: 75 Resp: 444969
Ion Ratio Lower Upper
75 100
77 166.3 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 5.446 ug/l
RT: 10.875 min Scan# 3313
Delta R.T. -0.021 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 97 Resp: 73520
Ion Ratio Lower Upper
97 100
83 8.4 67.8 101.6#
85 2.9 45.4 68.2#
99 0.7 49.4 74.0#

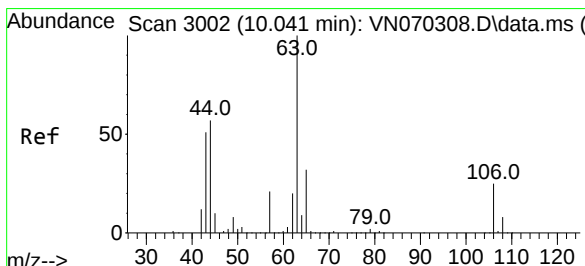
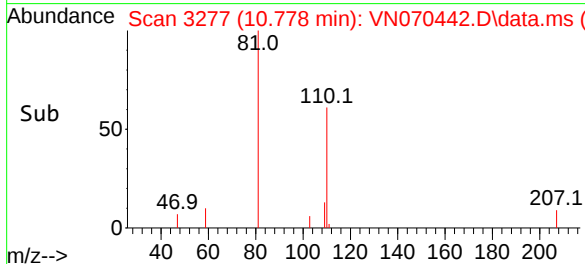
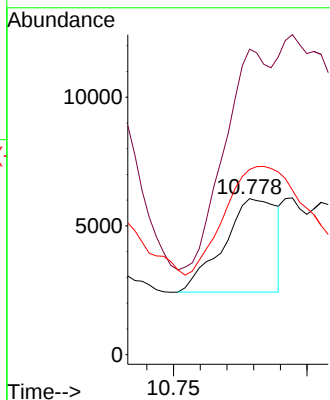
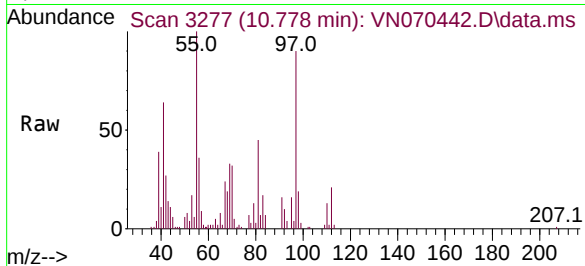




#56
Ethyl methacrylate
Concen: 0.225 ug/l
RT: 10.778 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

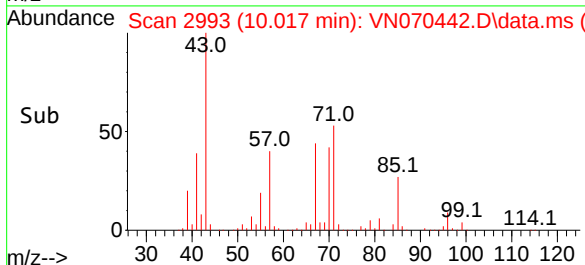
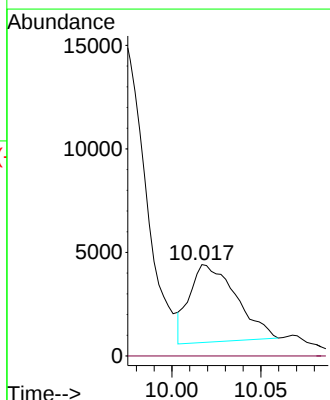
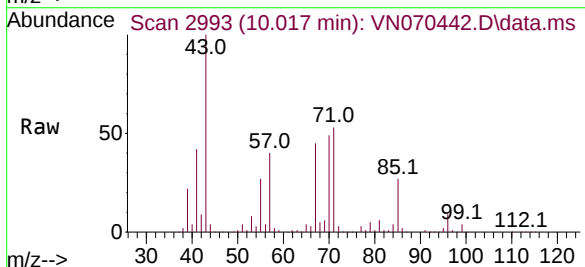
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

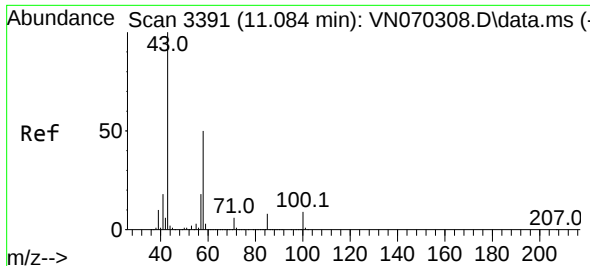
Tgt Ion: 69 Resp: 5026
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 19.619 ug/l
RT: 10.017 min Scan# 2993
Delta R.T. -0.024 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 63 Resp: 6806
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

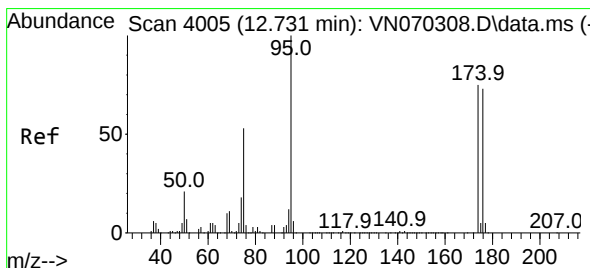
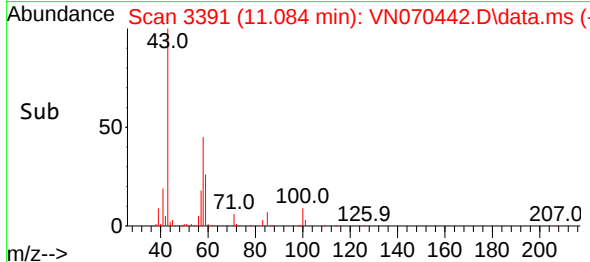
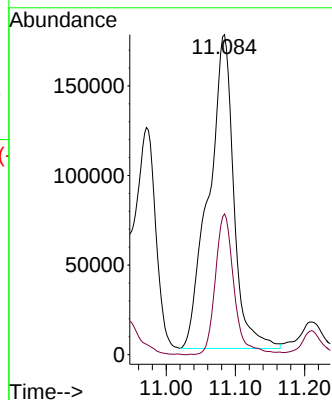
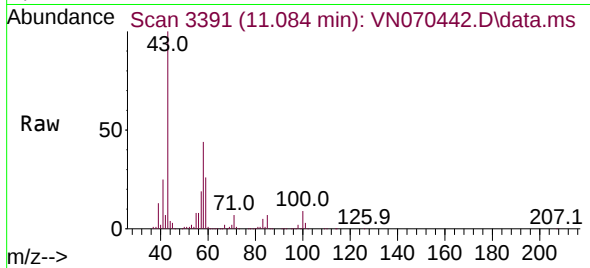




#59
2-Hexanone
Concen: 25.601 ug/l
RT: 11.084 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

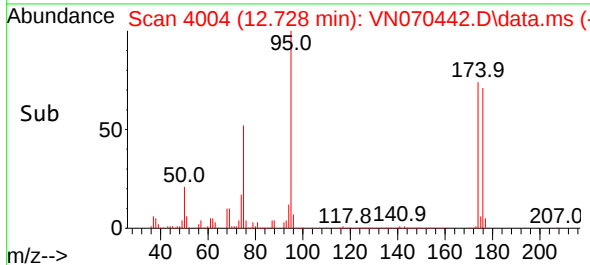
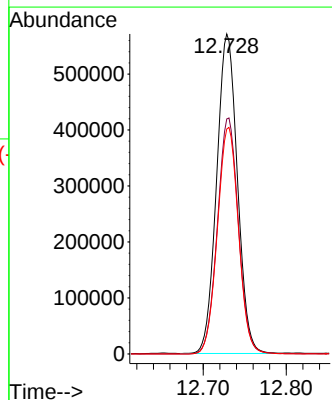
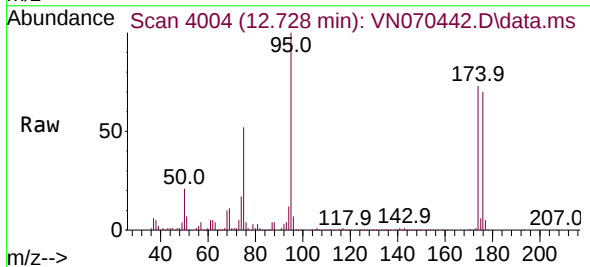
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

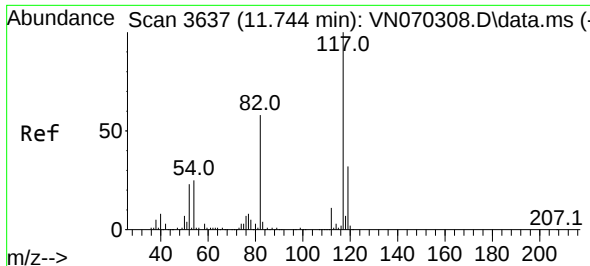
Tgt Ion: 43 Resp: 440762
Ion Ratio Lower Upper
43 100
58 33.4 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 60.552 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 95 Resp: 992919
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 71.9 0.0 181.4

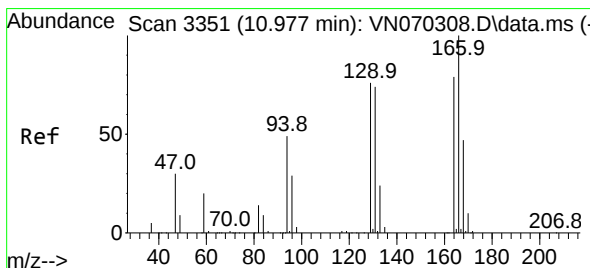
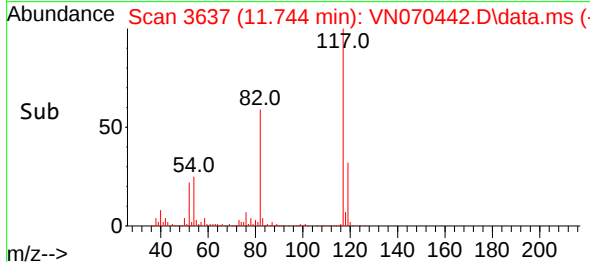
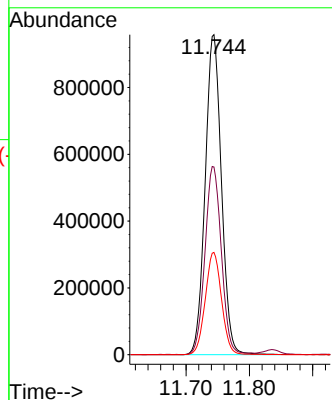
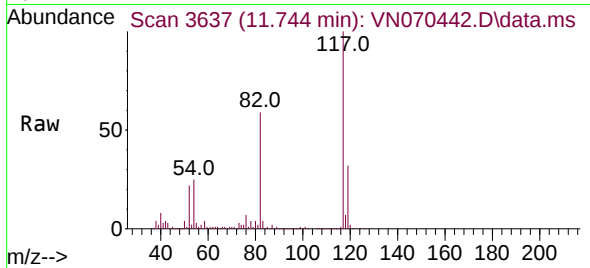




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

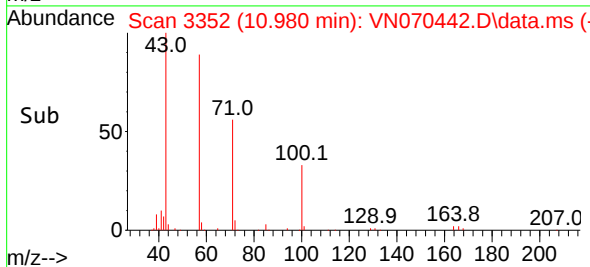
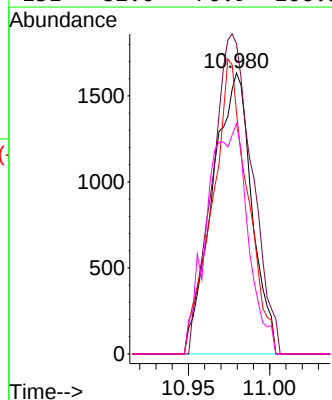
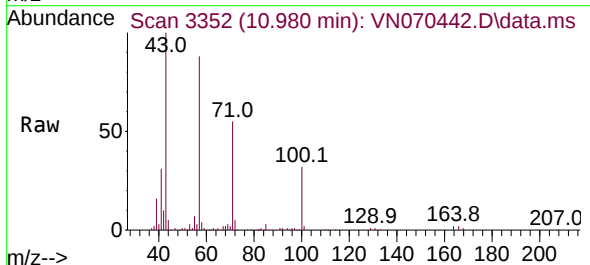
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

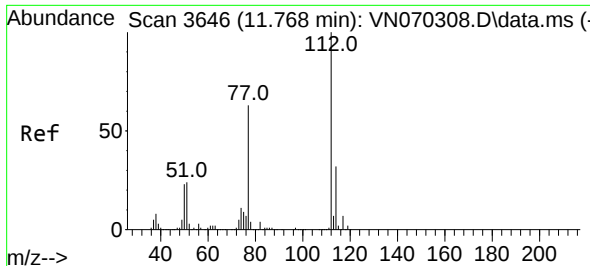
Tgt Ion:117 Resp: 1705912
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 0.222 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.003 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion:164 Resp: 2738
Ion Ratio Lower Upper
164 100
166 110.4 101.9 152.9
129 85.9 72.0 108.0
131 82.0 70.9 106.3

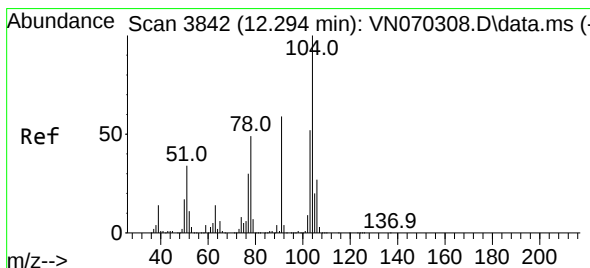
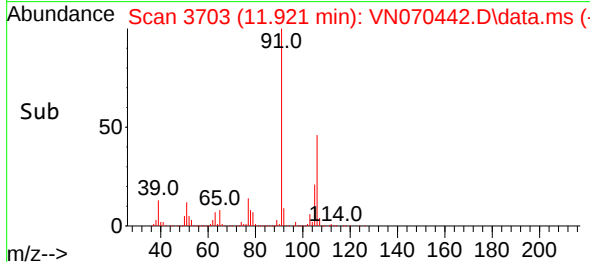
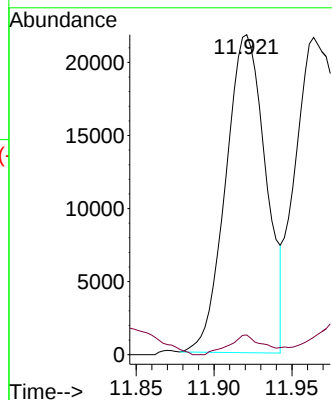
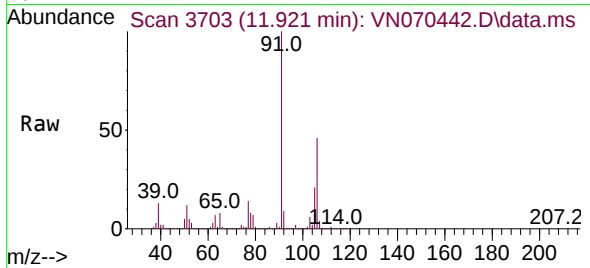




#65
Chlorobenzene
Concen: 1.078 ug/l
RT: 11.921 min Scan# 31
Delta R.T. 0.153 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

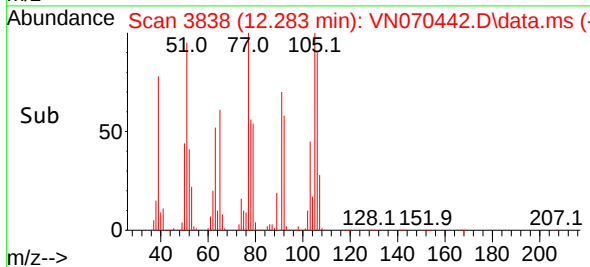
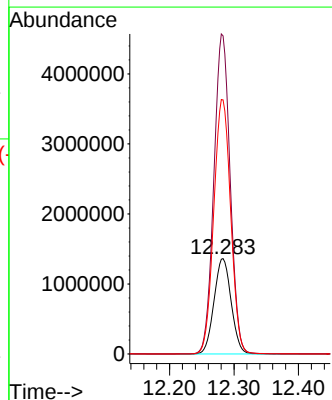
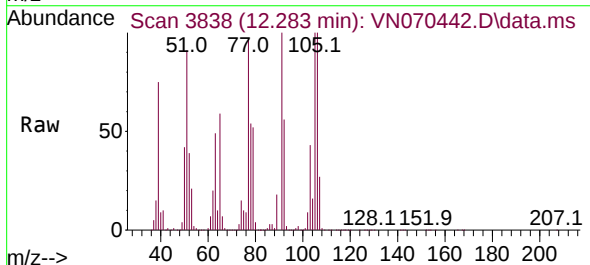
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

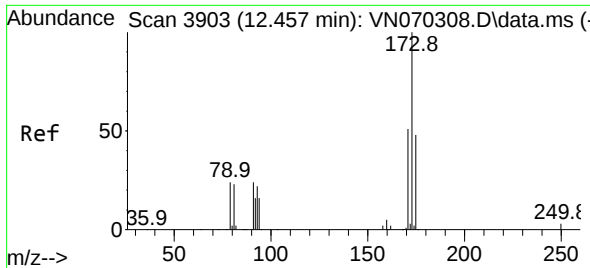
Tgt Ion:112 Resp: 39018
Ion Ratio Lower Upper
112 100
114 4.6 25.4 38.0#



#70
Styrene
Concen: 66.169 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.011 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion:104 Resp: 2514640
Ion Ratio Lower Upper
104 100
78 319.0 38.7 58.1#
103 263.7 45.0 67.6#

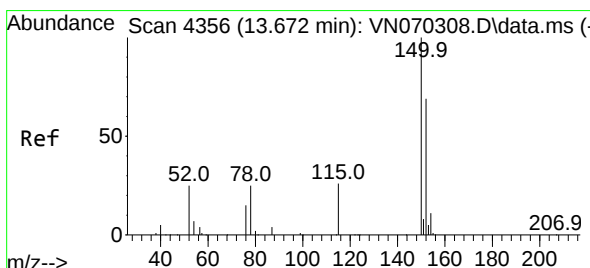
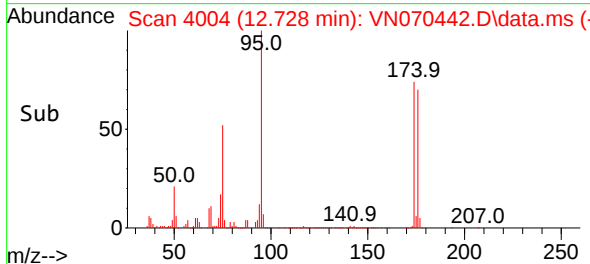
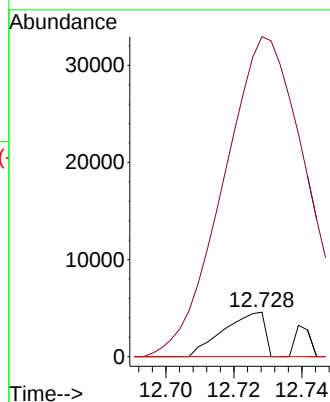
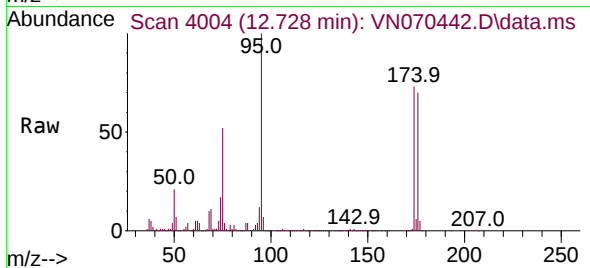




#71
Bromoform
Concen: 0.404 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.271 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

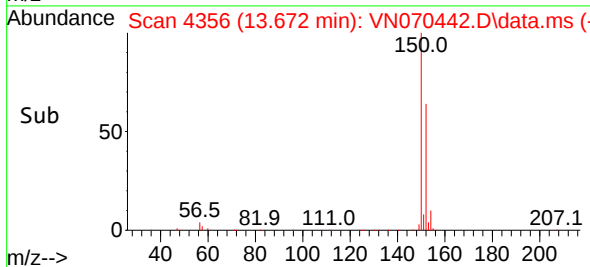
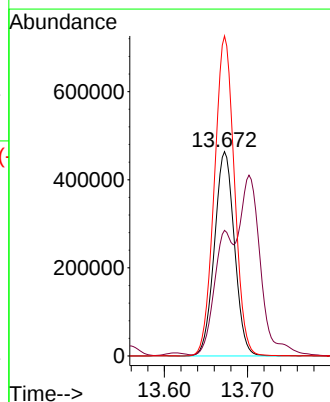
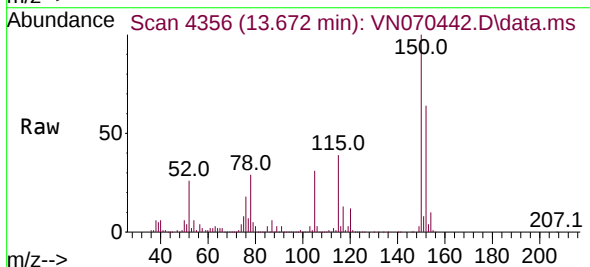
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

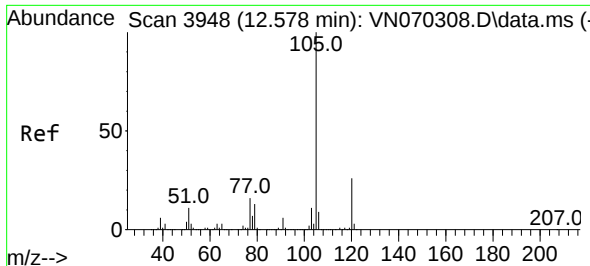
Tgt Ion:173 Resp: 3871
Ion Ratio Lower Upper
173 100
175 1382.7 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion:152 Resp: 775941
Ion Ratio Lower Upper
152 100
115 55.3 27.5 82.5
150 157.1 0.0 344.4

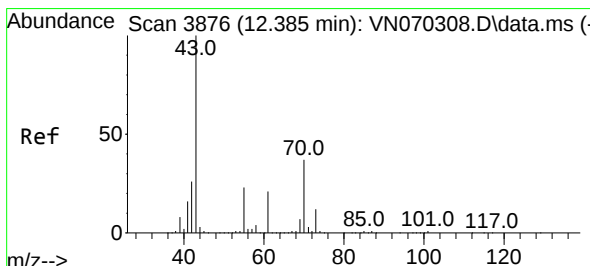
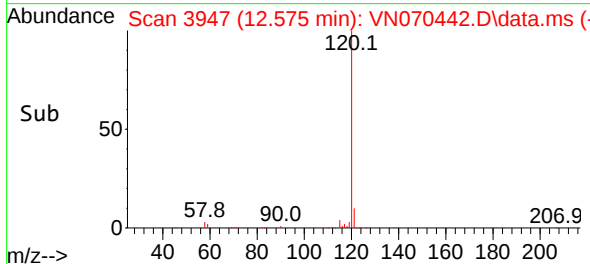
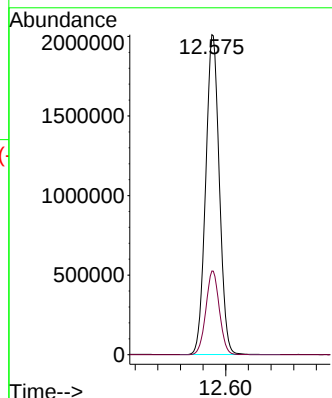
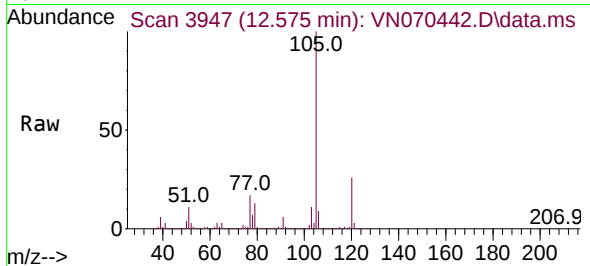




#73
Isopropylbenzene
Concen: 46.533 ug/l
RT: 12.575 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

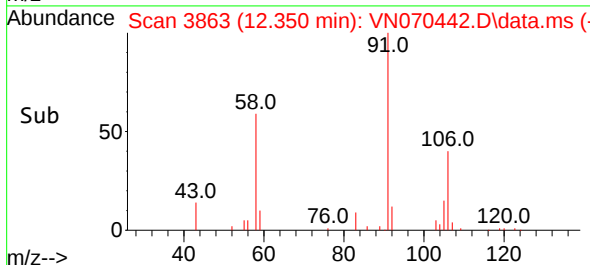
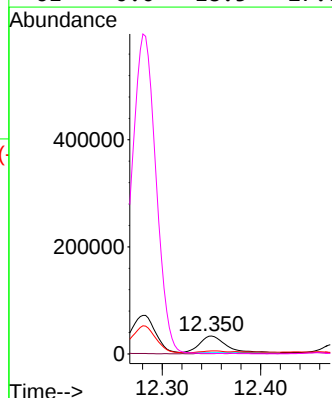
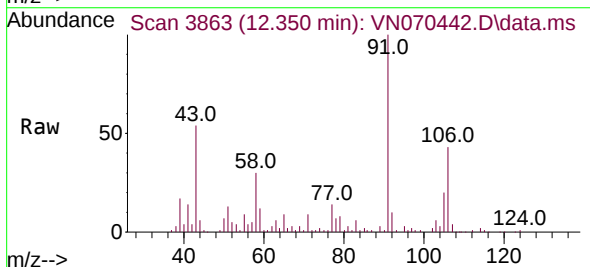
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

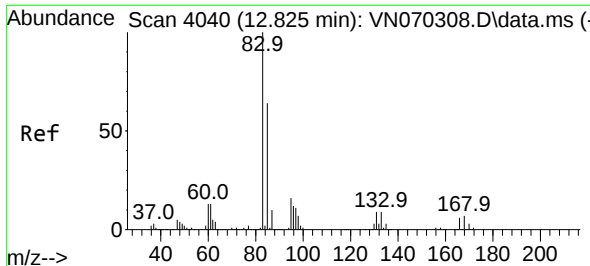
Tgt Ion:105 Resp: 3353039
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1



#74
N-ethyl acetate
Concen: 1.846 ug/l
RT: 12.350 min Scan# 3863
Delta R.T. -0.035 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 43 Resp: 55918
Ion Ratio Lower Upper
43 100
70 0.5 33.4 50.0#
55 8.9 19.3 28.9#
61 0.0 18.5 27.7#

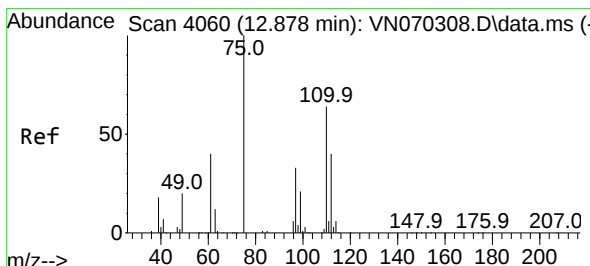
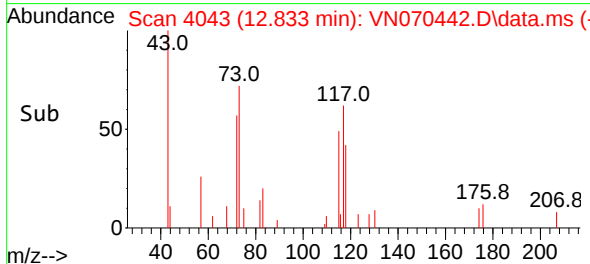
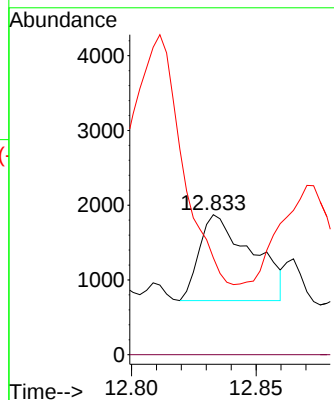
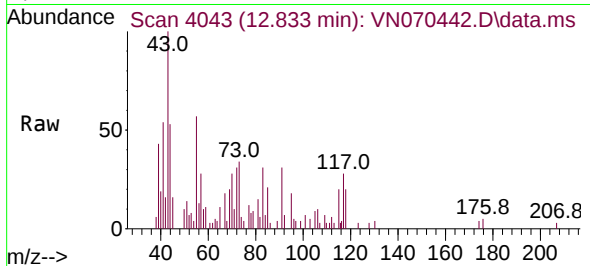




#75
1,1,2,2-Tetrachloroethane
Concen: 0.511 ug/l
RT: 12.833 min Scan# 4040
Delta R.T. 0.008 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

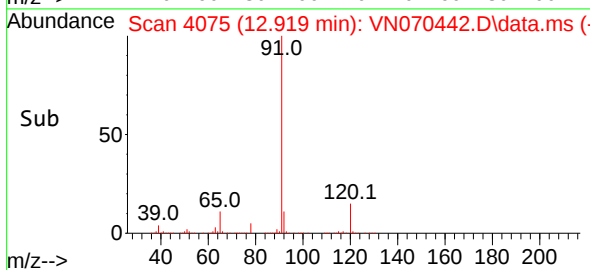
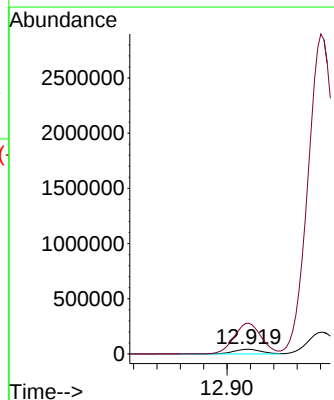
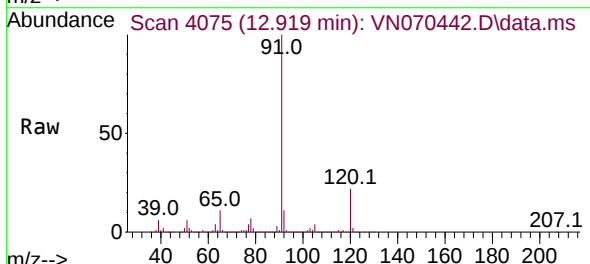
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

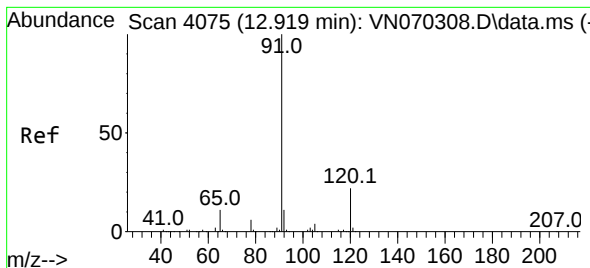
Tgt Ion: 83 Resp: 1678
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 5.578 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. 0.041 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 75 Resp: 69117
Ion Ratio Lower Upper
75 100
77 653.9 82.6 247.8#





#78

n-propylbenzene

Concen: 138.768 ug/l

RT: 12.919 min Scan# 4075

Delta R.T. -0.000 min

Lab File: VN070442.D

Acq: 3 Jan 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

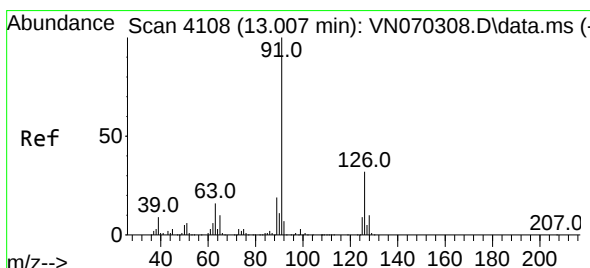
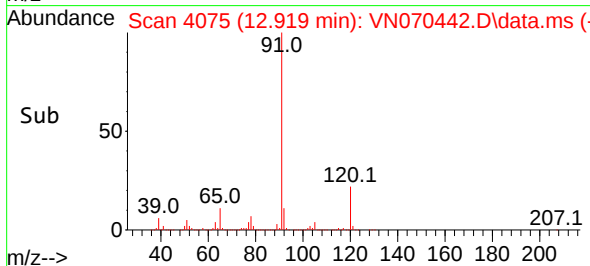
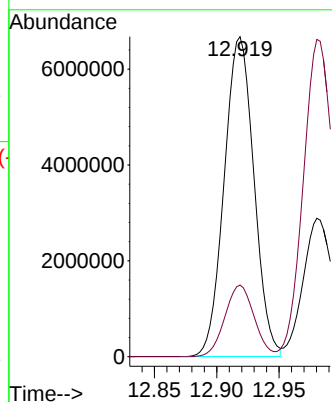
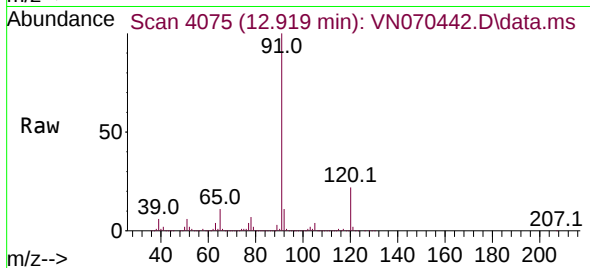
MW-101R

Tgt Ion: 91 Resp:11079026

Ion Ratio Lower Upper

91 100

120 22.0 11.9 35.9



#79

2-Chlorotoluene

Concen: 88.124 ug/l

RT: 12.980 min Scan# 4098

Delta R.T. -0.027 min

Lab File: VN070442.D

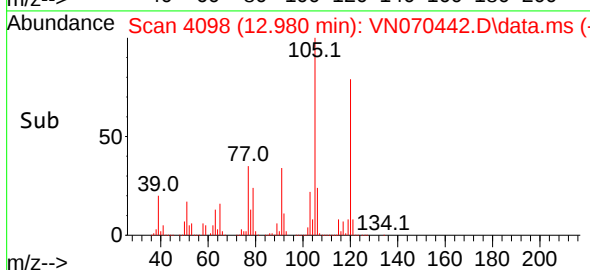
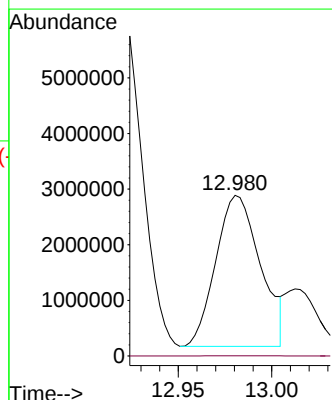
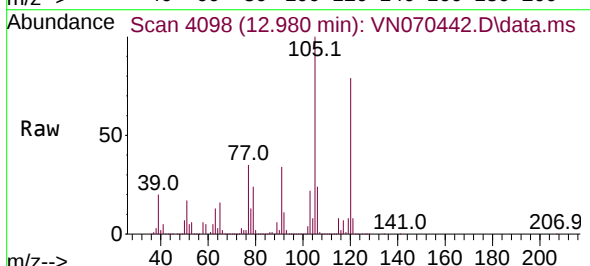
Acq: 3 Jan 2022 17:17

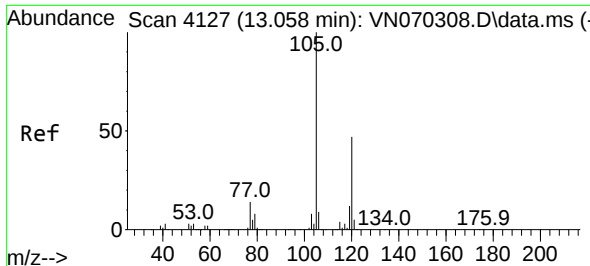
Tgt Ion: 91 Resp: 4514284

Ion Ratio Lower Upper

91 100

126 0.1 18.3 54.8#

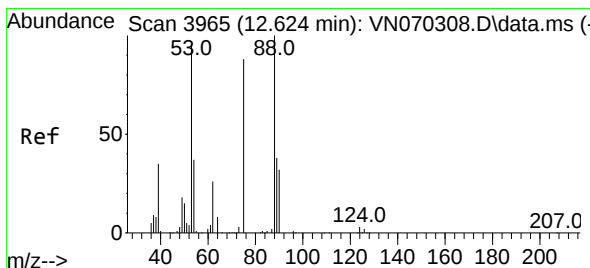
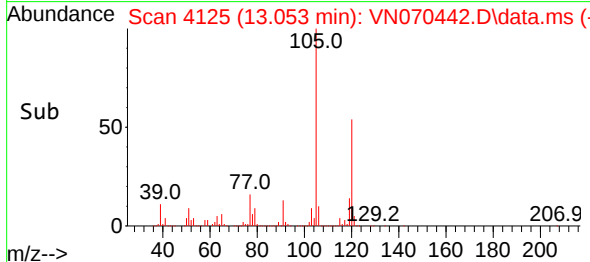
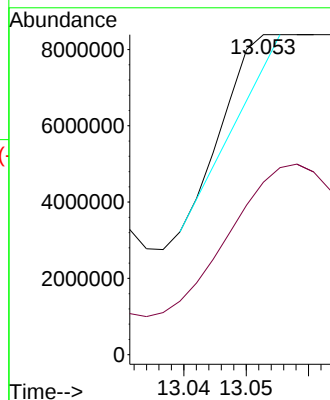
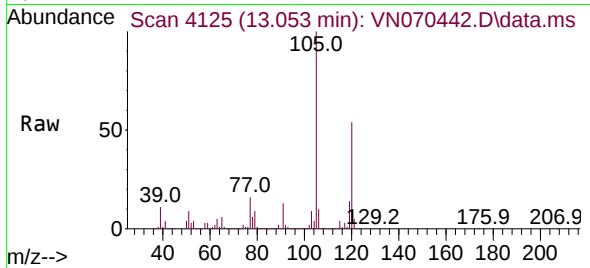




#80
1,3,5-Trimethylbenzene
Concen: 18.097 ug/l
RT: 13.053 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

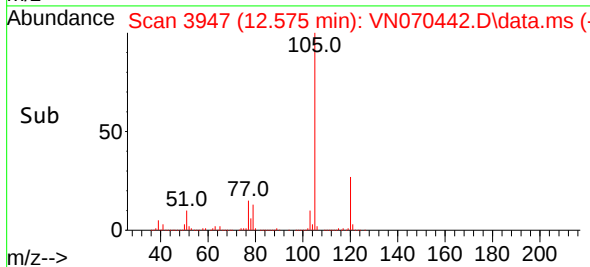
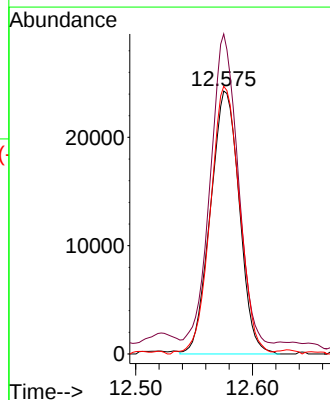
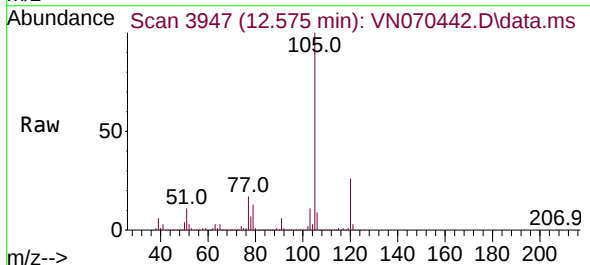
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

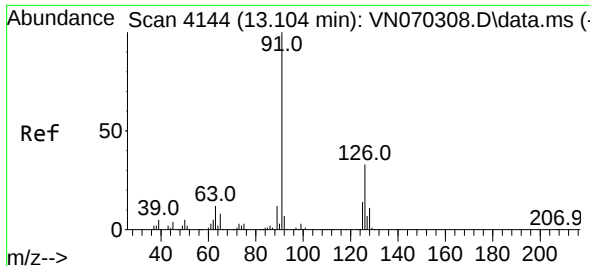
Tgt Ion:105 Resp: 1044979
Ion Ratio Lower Upper
105 100
120 782.4 24.6 73.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 6.573 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.049 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 75 Resp: 41742
Ion Ratio Lower Upper
75 100
53 111.3 90.5 135.7
89 103.1 38.2 57.4#

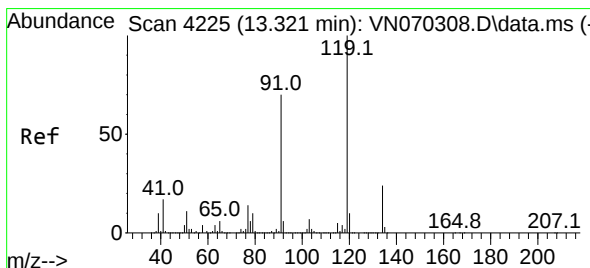
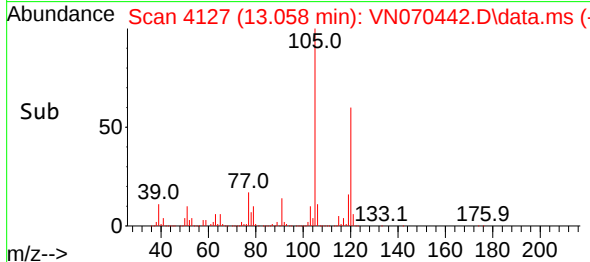
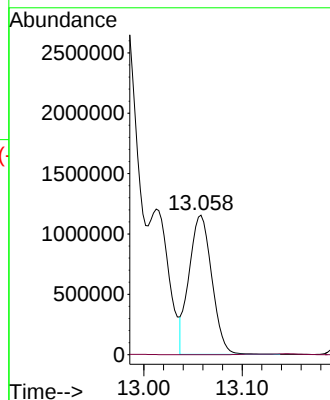
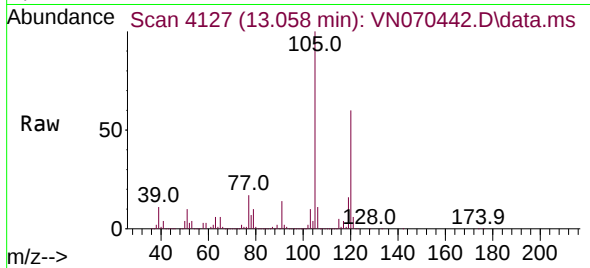




#82
4-Chlorotoluene
Concen: 38.448 ug/l
RT: 13.058 min Scan# 41
Delta R.T. -0.046 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

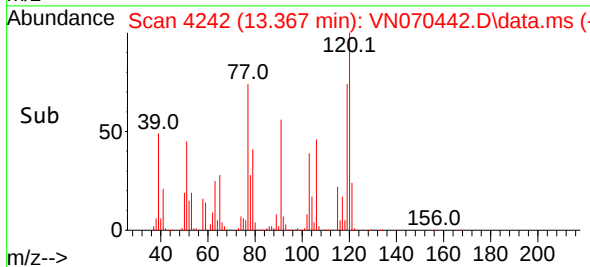
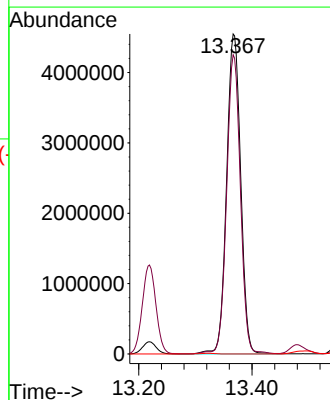
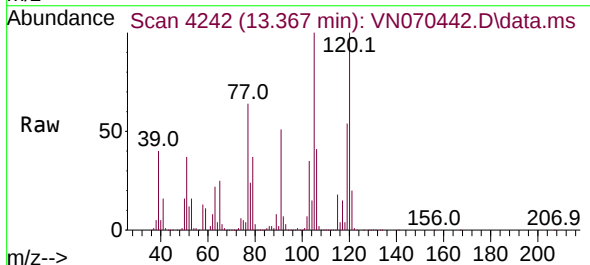
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

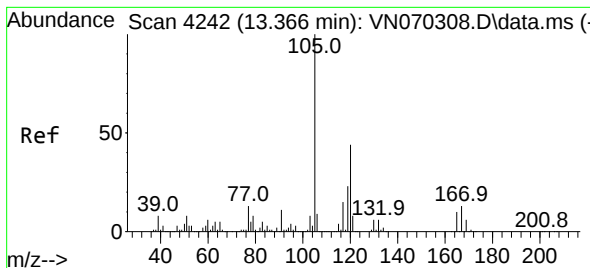
Tgt Ion: 91 Resp: 1844923
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 153.811 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.046 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 119 Resp: 7820574
Ion Ratio Lower Upper
119 100
91 91.6 31.5 94.5
134 0.0 12.4 37.4#





#84

1,2,4-Trimethylbenzene

Concen: 5.548 ug/l

RT: 13.498 min Scan# 4291

Delta R.T. 0.132 min

Lab File: VN070442.D

Acq: 3 Jan 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

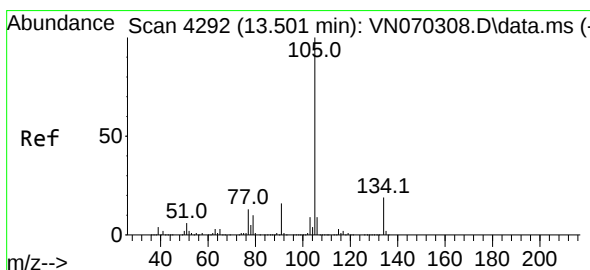
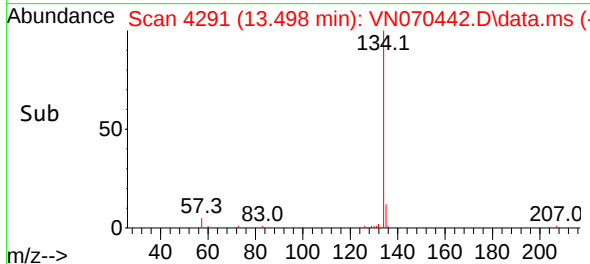
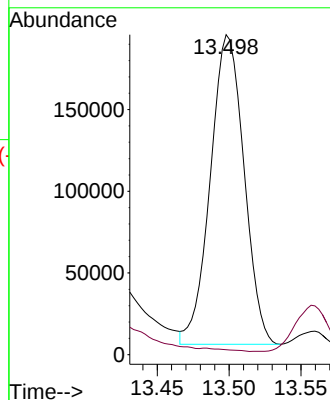
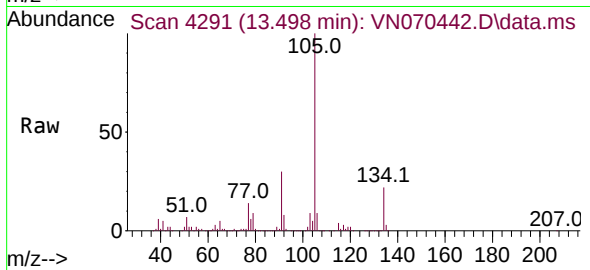
MW-101R

Tgt Ion:105 Resp: 308492

Ion Ratio Lower Upper

105 100

120 0.0 22.8 68.4#



#85

sec-Butylbenzene

Concen: 4.469 ug/l

RT: 13.498 min Scan# 4291

Delta R.T. -0.003 min

Lab File: VN070442.D

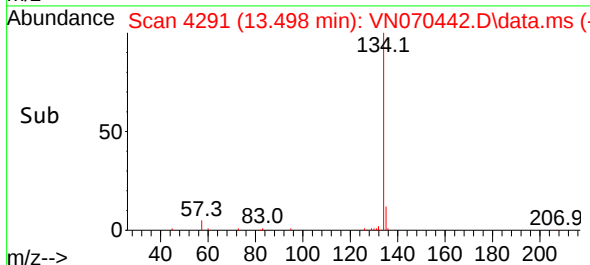
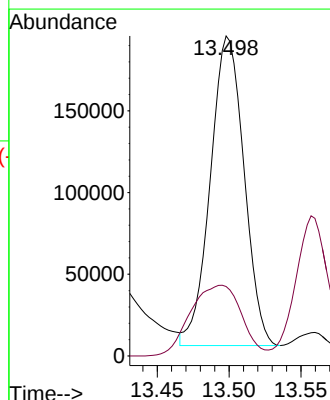
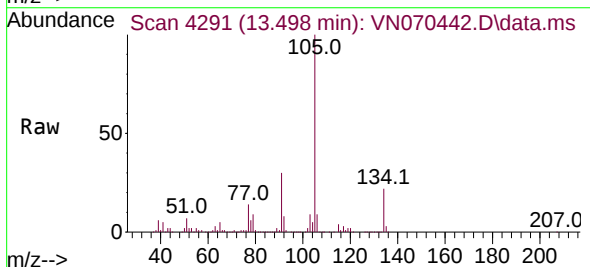
Acq: 3 Jan 2022 17:17

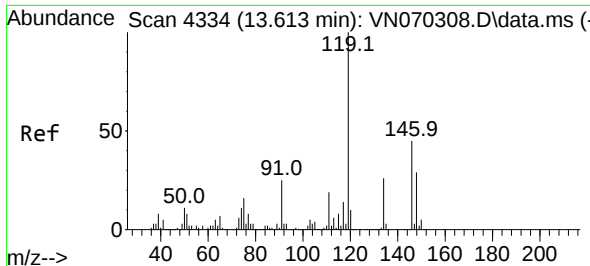
Tgt Ion:105 Resp: 308492

Ion Ratio Lower Upper

105 100

134 34.7 10.4 31.1#

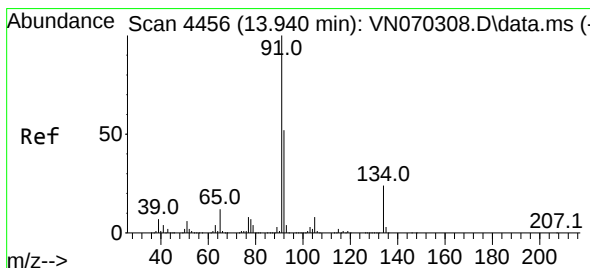
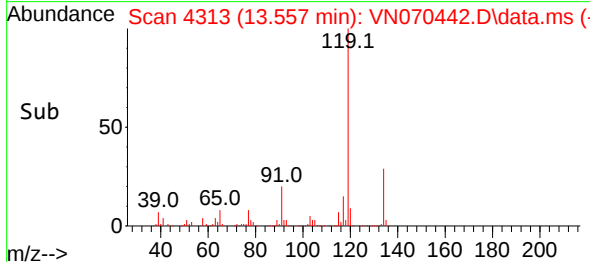
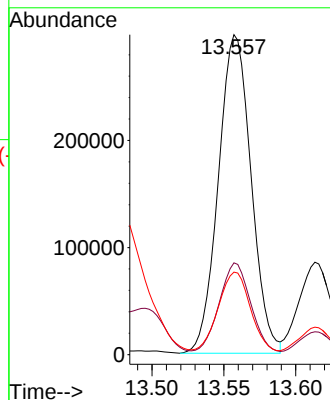
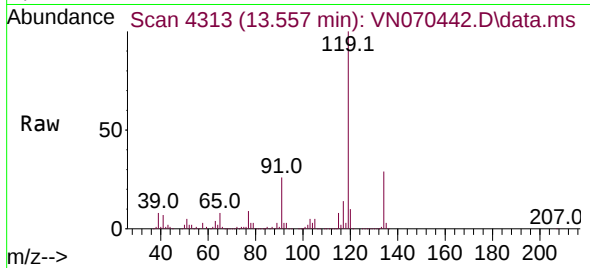




#86
p-Isopropyltoluene
Concen: 8.691 ug/l
RT: 13.557 min Scan# 41
Delta R.T. -0.056 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

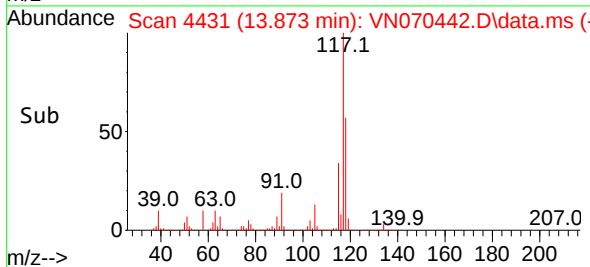
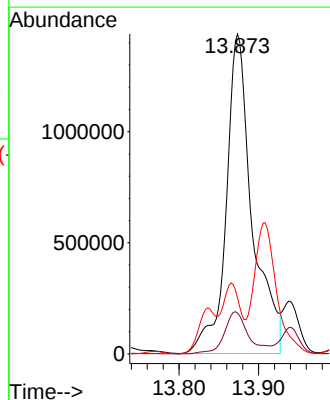
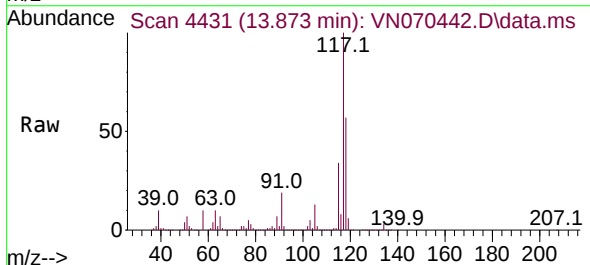
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

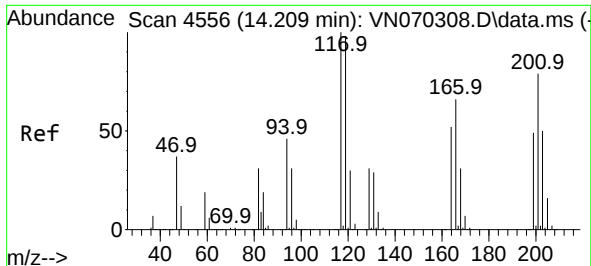
Tgt Ion:119 Resp: 471260
Ion Ratio Lower Upper
119 100
134 28.4 13.6 40.7
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 72.343 ug/l
RT: 13.873 min Scan# 4431
Delta R.T. -0.067 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 91 Resp: 3272091
Ion Ratio Lower Upper
91 100
92 12.3 25.4 76.0#
134 9.2 13.6 40.8#

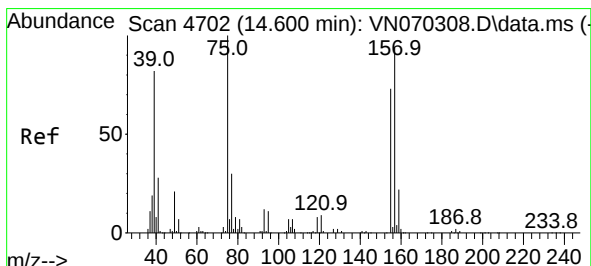
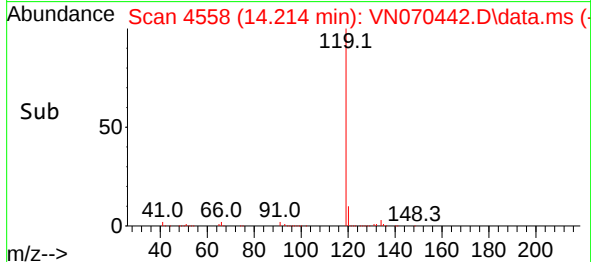
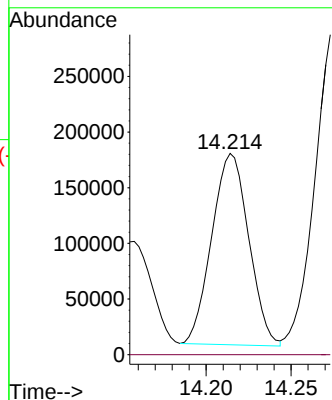
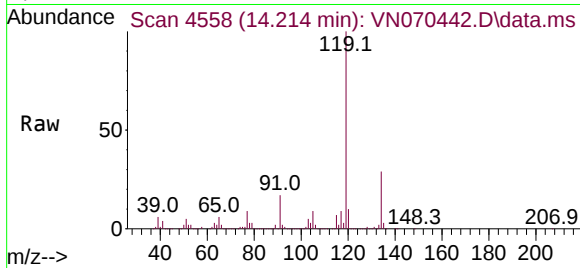




#90
Hexachloroethane
Concen: 27.615 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.005 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

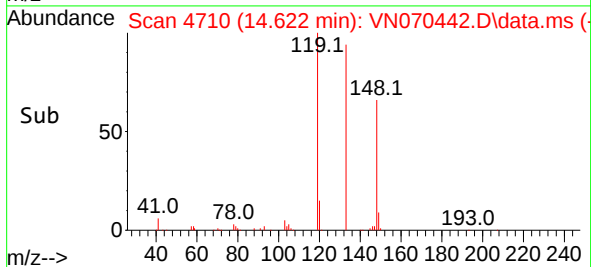
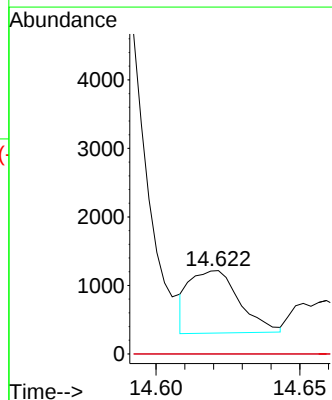
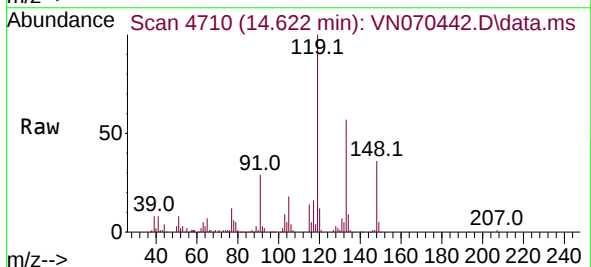
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

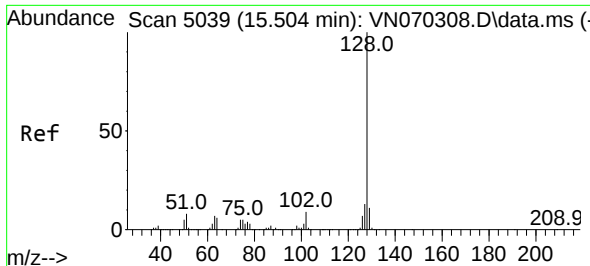
Tgt Ion:117 Resp: 260148
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.264 ug/l
RT: 14.622 min Scan# 4710
Delta R.T. 0.022 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion: 75 Resp: 1100
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#

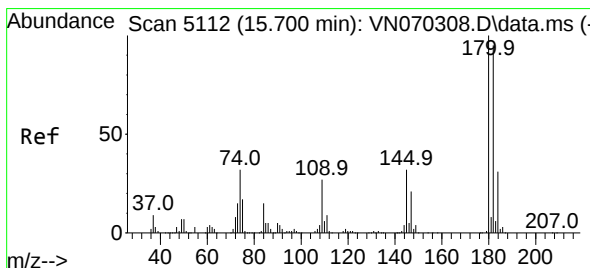
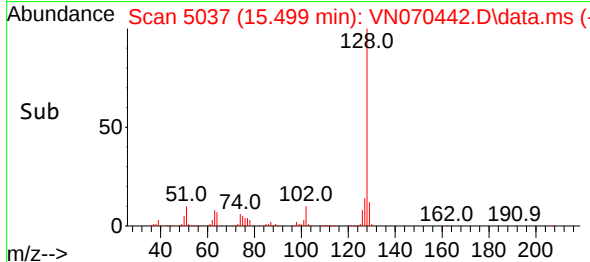
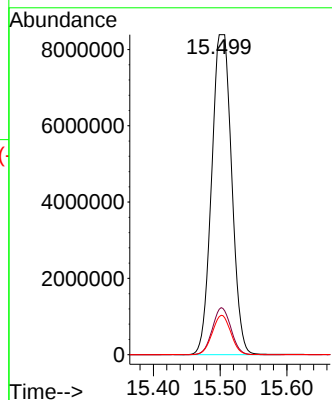
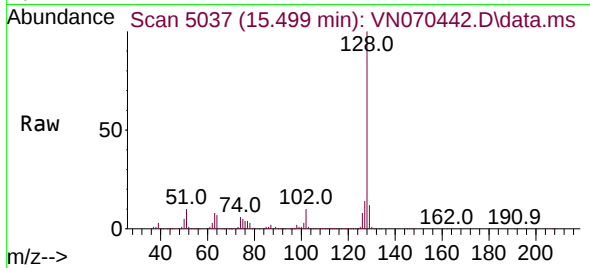




#95
Naphthalene
Concen: 478.368 ug/l
RT: 15.499 min Scan# 5039
Delta R.T. -0.005 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Instrument :
MSVOA_N
ClientSampleId :
MW-101R

Tgt Ion:128 Resp:17476788
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.960 ug/l
RT: 15.689 min Scan# 5108
Delta R.T. -0.011 min
Lab File: VN070442.D
Acq: 3 Jan 2022 17:17

Tgt Ion:180 Resp: 1671
Ion Ratio Lower Upper
180 100
182 74.9 47.4 142.2
145 0.0 15.0 45.1#

