

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070438.D
 Acq On : 3 Jan 2022 15:36
 Operator : JC/MD
 Sample : M5251-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Jan 04 01:33:46 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	1013370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1707886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1530372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	628311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	736146	50.524	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.040%
35) Dibromofluoromethane	8.021	113	510154	49.369	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.740%
50) Toluene-d8	10.440	98	2098730	49.717	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.728	95	820389	53.808	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.620%

Target Compounds			Qvalue			
3) Chloromethane	2.228	50	60335	3.859	ug/l #	45
11) Tert butyl alcohol	5.363	59	510	0.210	ug/l #	71
13) Acrolein	3.985	56	17309	8.793	ug/l #	1
14) Allyl chloride	4.950	41	41260	1.763	ug/l #	78
15) Acrylonitrile	5.616	53	28888	3.816	ug/l #	41
16) Acetone	4.275	43	86155	9.109	ug/l #	71
17) Carbon Disulfide	4.524	76	6829	0.242	ug/l	100
18) Methyl Acetate	4.929	43	18504	0.676	ug/l #	51
20) Methylene Chloride	5.082	84	4260	0.326	ug/l #	17
23) Vinyl Acetate	6.460	43	12471	0.353	ug/l #	72
25) 2-Butanone	7.345	43	26776	2.248	ug/l #	88
26) 2,2-Dichloropropane	7.147	77	10001	0.536	ug/l #	52
29) Tetrahydrofuran	7.691	42	5177	0.729	ug/l #	59
30) Chloroform	7.839	83	7431	0.326	ug/l #	83
31) Cyclohexane	8.091	56	331614	14.423	ug/l #	87
36) 1,1-Dichloropropene	8.083	75	83844	4.905	ug/l #	51
37) Ethyl Acetate	7.345	43	26776	1.208	ug/l #	69
38) Carbon Tetrachloride	8.086	117	99499	6.096	ug/l #	16
39) Methylcyclohexane	9.459	83	191363	9.247	ug/l #	83
41) Methacrylonitrile	7.670	41	3943	0.356	ug/l #	1
43) Isopropyl Acetate	8.555	43	38880	1.113	ug/l #	55
47) Bromodichloromethane	9.746	83	6626	0.380	ug/l #	25
48) Methyl methacrylate	9.593	41	11740	0.705	ug/l #	25
51) 4-Methyl-2-Pentanone	10.330	43	20974	0.955	ug/l	92
52) Toluene	10.505	92	42213	1.331	ug/l	97
55) 1,1,2-Trichloroethane	10.878	97	28165	2.244	ug/l #	23
58) 2-Chloroethyl Vinyl ether	10.025	63	288	18.563	ug/l #	45
59) 2-Hexanone	11.055	43	45626	2.850	ug/l #	25
67) Ethyl Benzene	11.843	91	4926493	82.806	ug/l	97
68) m/p-Xylenes	11.956	106	1446334	66.786	ug/l	93
69) o-Xylene	12.280	106	251732	11.686	ug/l	93
70) Styrene	12.278	104	14399	0.422	ug/l #	1
71) Bromoform	12.728	173	5337	0.620	ug/l #	1
73) Isopropylbenzene	12.578	105	282520	4.842	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.817	83	186	0.456	ug/l #	5
76) 1,2,3-Trichloropropane	12.728	75	429739	24.574	ug/l #	1

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 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)

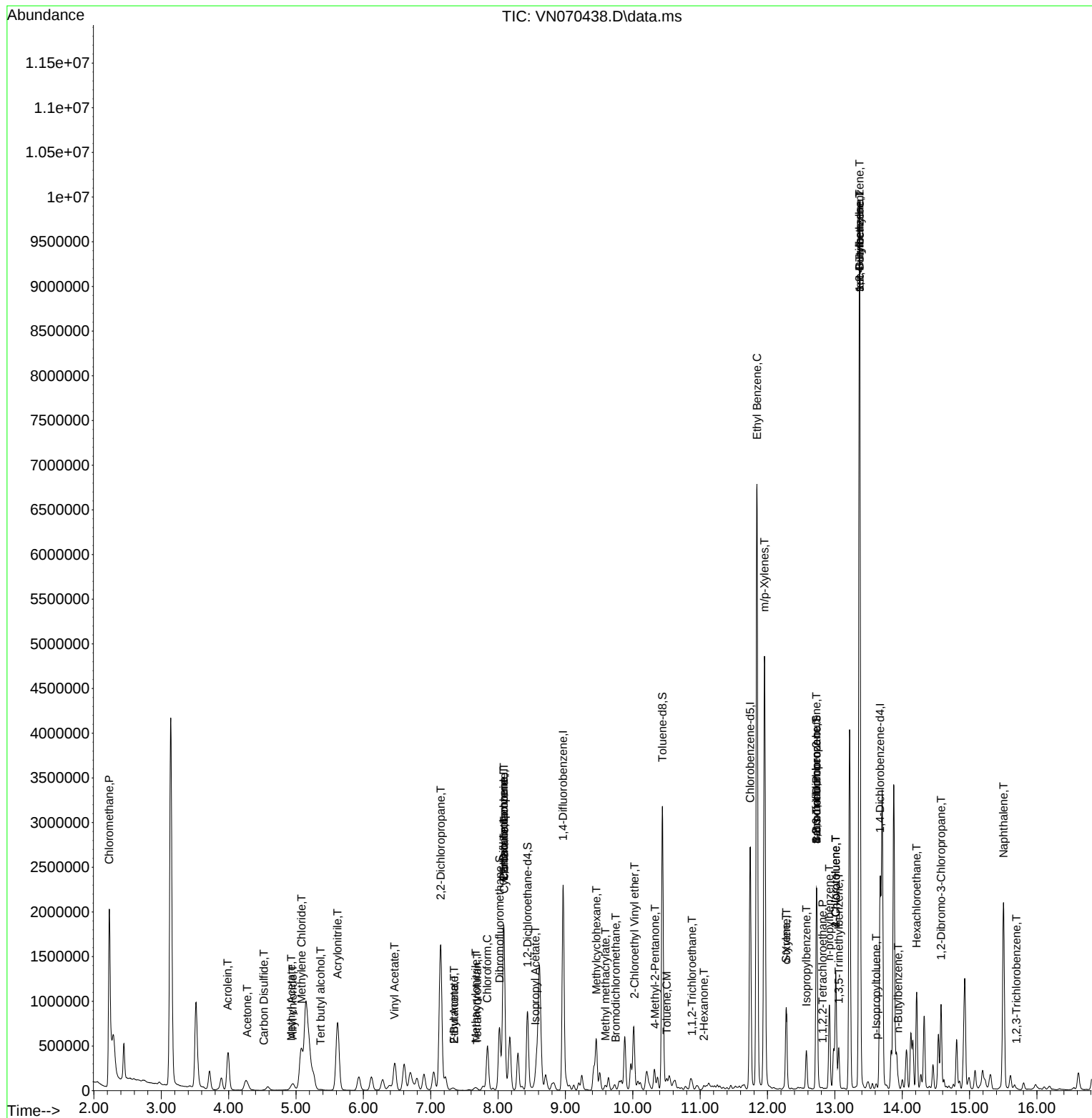
78) n-propylbenzene	12.919	91	760097	11.757	ug/l	95
79) 2-Chlorotoluene	13.012	91	100064	2.412	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.058	105	226385	4.842	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.728	75	429739	83.564	ug/l #	5
82) 4-Chlorotoluene	13.012	91	100064	2.575	ug/l #	39
83) tert-Butylbenzene	13.366	119	687839	16.707	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.366	105	5701429	126.631	ug/l	98
85) sec-Butylbenzene	13.366	105	5697681	101.932	ug/l #	56
86) p-Isopropyltoluene	13.613	119	26703	0.608	ug/l #	77
89) n-Butylbenzene	13.940	91	43153	1.178	ug/l #	66
90) Hexachloroethane	14.214	117	52568	6.891	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.576	75	4399	1.301	ug/l #	1
95) Naphthalene	15.504	128	1934056	66.928	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	1527	0.978	ug/l #	78

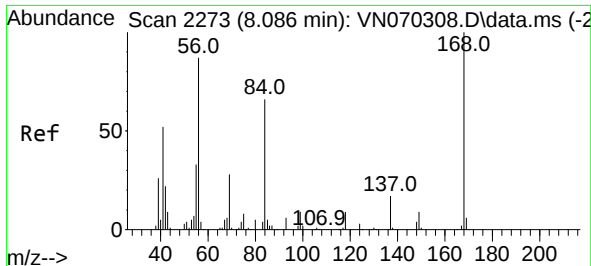
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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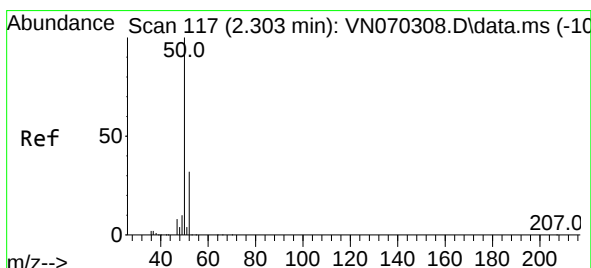
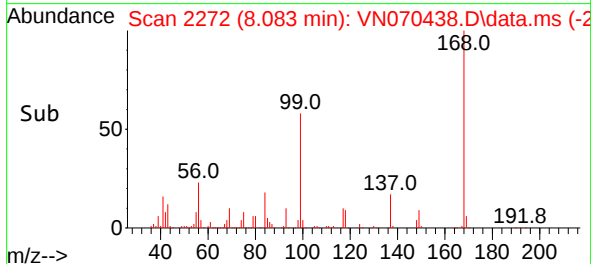
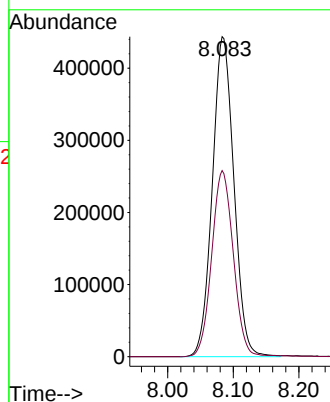
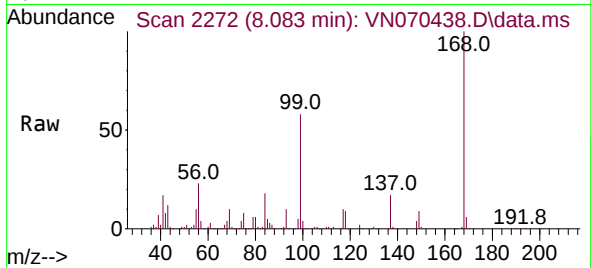




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

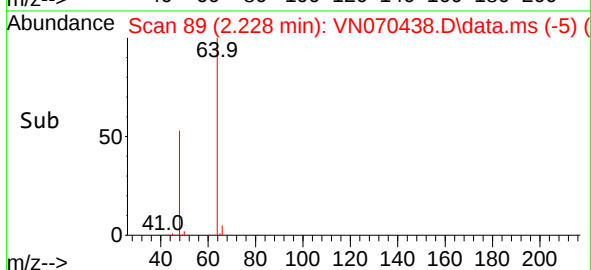
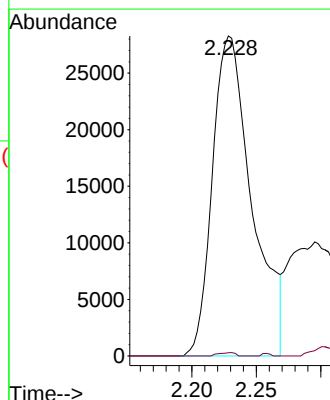
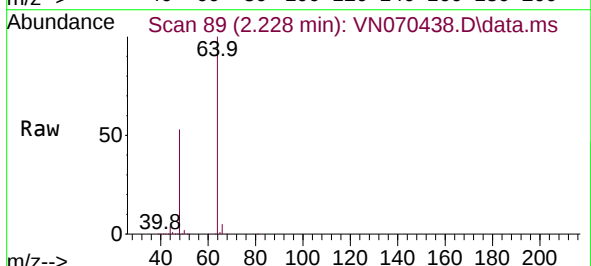
Instrument :
MSVOA_N
ClientSampleId :
MW-2

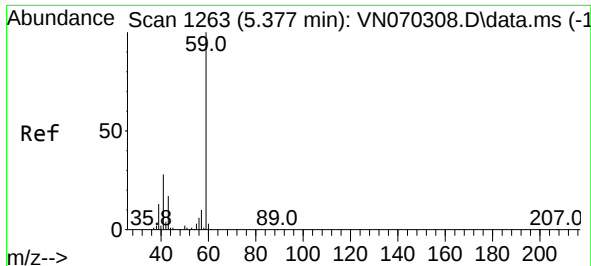
Tgt Ion:168 Resp: 1013370
Ion Ratio Lower Upper
168 100
99 58.1 41.3 61.9



#3
Chloromethane
Concen: 3.859 ug/l
RT: 2.228 min Scan# 89
Delta R.T. -0.075 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 50 Resp: 60335
Ion Ratio Lower Upper
50 100
52 1.0 25.4 38.0#

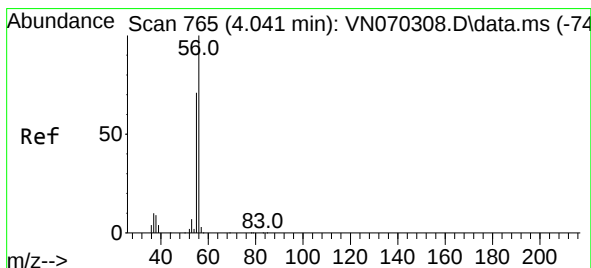
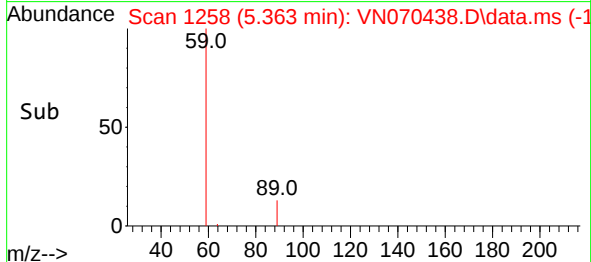
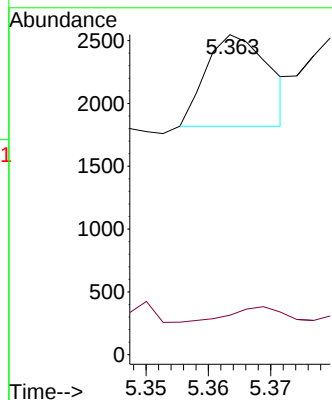
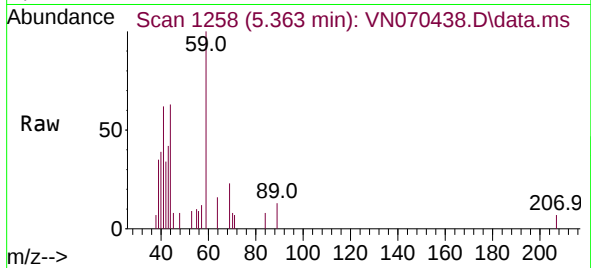




#11
Tert butyl alcohol
Concen: 0.210 ug/l
RT: 5.363 min Scan# 11
Delta R.T. -0.014 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

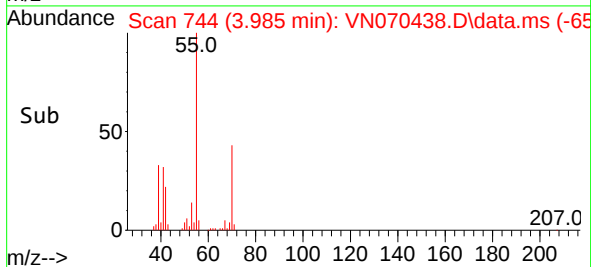
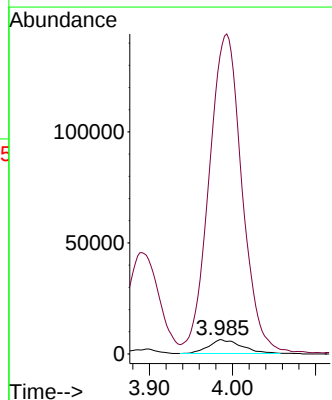
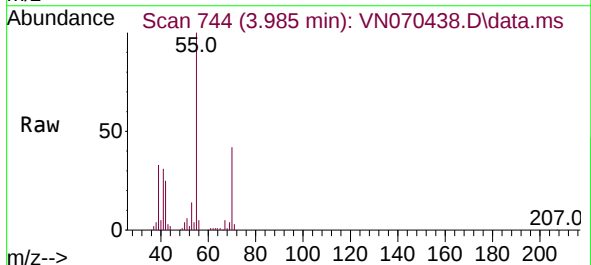
Instrument :
MSVOA_N
ClientSampleId :
MW-2

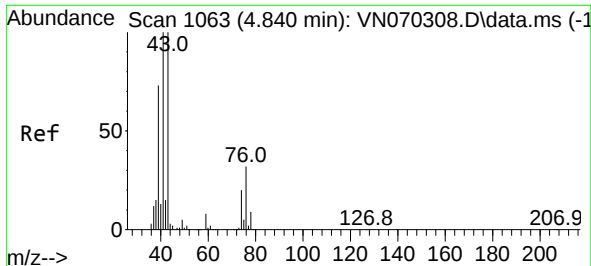
Tgt Ion: 59 Resp: 510
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 8.793 ug/l
RT: 3.985 min Scan# 744
Delta R.T. -0.056 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 56 Resp: 17309
Ion Ratio Lower Upper
56 100
55 2265.2 56.6 85.0#





#14

Allyl chloride

Concen: 1.763 ug/l

RT: 4.950 min Scan# 1104

Delta R.T. 0.110 min

Lab File: VN070438.D

Acq: 3 Jan 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

MW-2

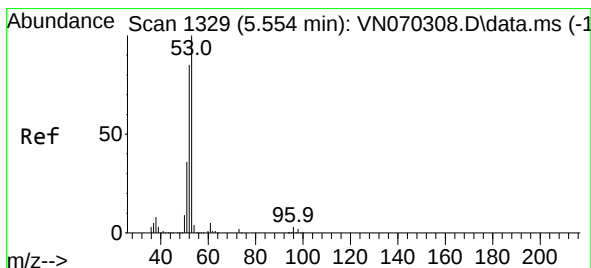
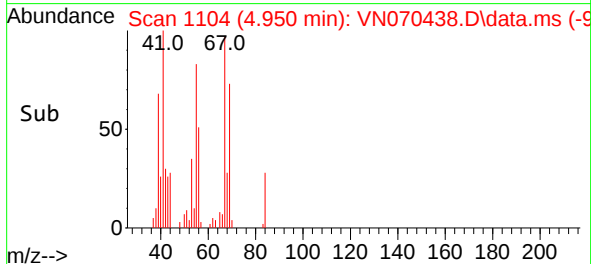
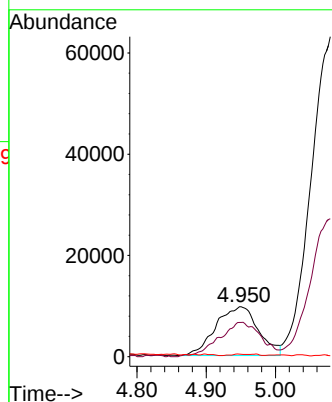
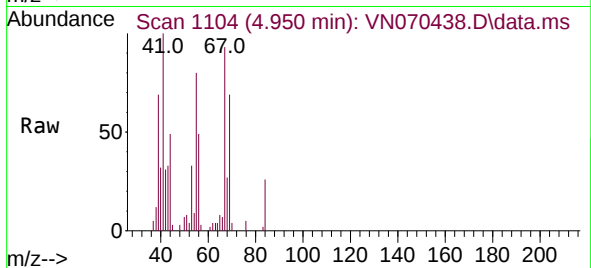
Tgt Ion: 41 Resp: 41260

Ion Ratio Lower Upper

41 100

39 69.4 61.2 91.8

76 1.0 26.0 39.0#



#15

Acrylonitrile

Concen: 3.816 ug/l

RT: 5.616 min Scan# 1352

Delta R.T. 0.062 min

Lab File: VN070438.D

Acq: 3 Jan 2022 15:36

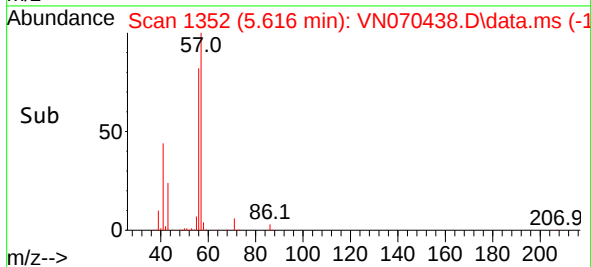
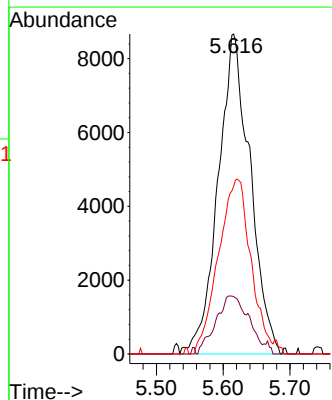
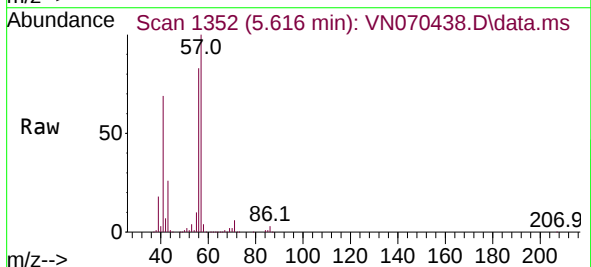
Tgt Ion: 53 Resp: 28888

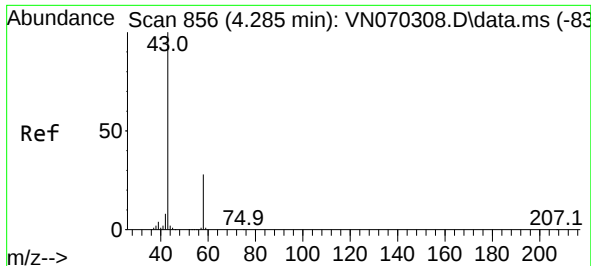
Ion Ratio Lower Upper

53 100

52 18.4 66.2 99.2#

51 55.4 29.6 44.4#

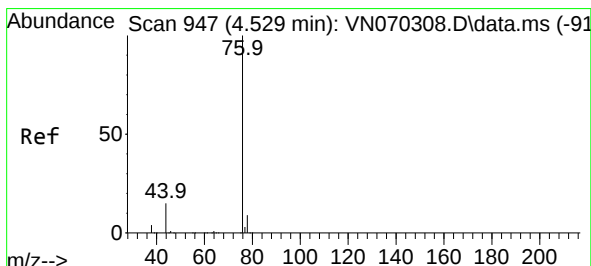
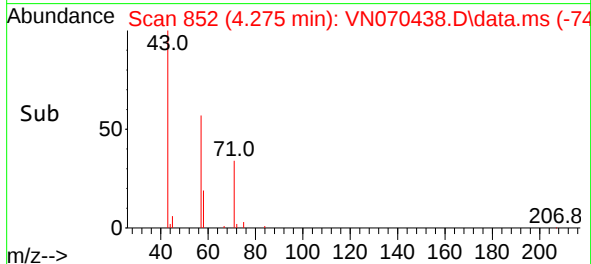
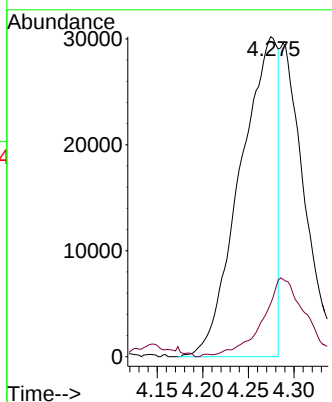
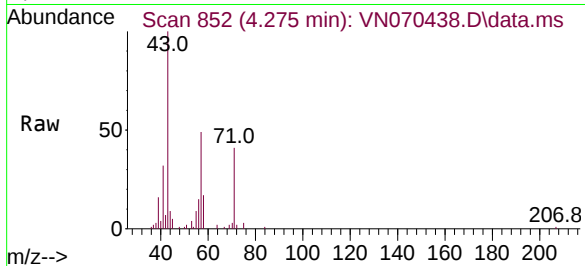




#16
Acetone
Concen: 9.109 ug/l
RT: 4.275 min Scan# 856
Delta R.T. -0.010 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

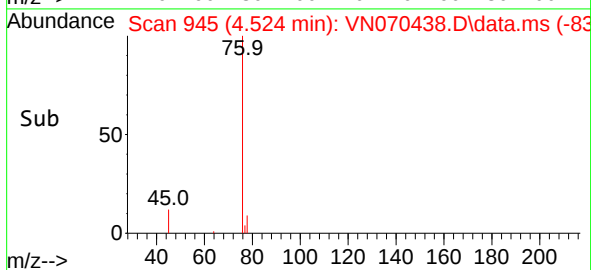
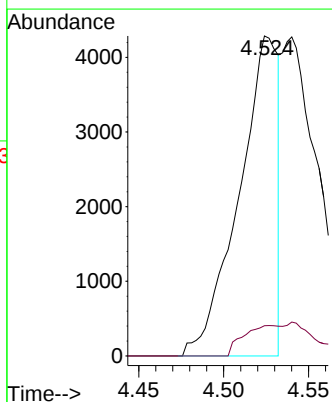
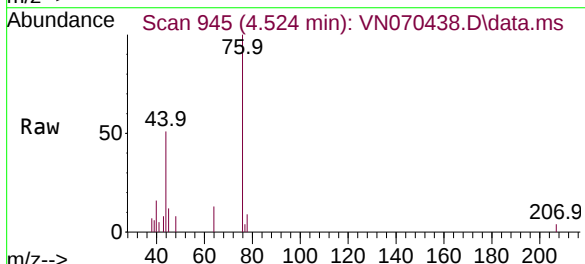
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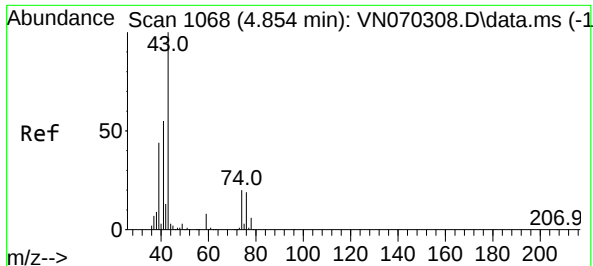
Tgt Ion: 43 Resp: 86155
Ion Ratio Lower Upper
43 100
58 13.6 23.1 34.7#



#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 4.524 min Scan# 945
Delta R.T. -0.005 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 76 Resp: 6829
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3





#18

Methyl Acetate

Concen: 0.676 ug/l

RT: 4.929 min Scan# 1096

Delta R.T. 0.075 min

Lab File: VN070438.D

Acq: 3 Jan 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

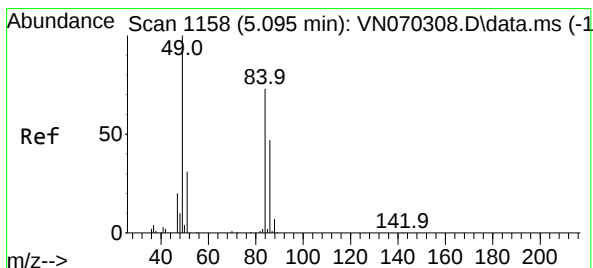
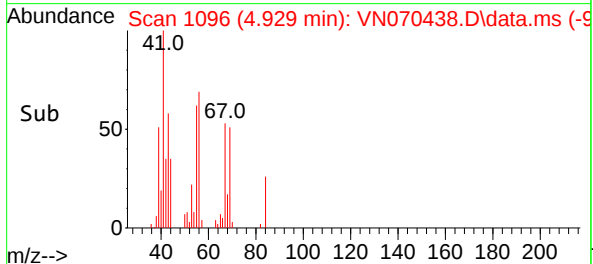
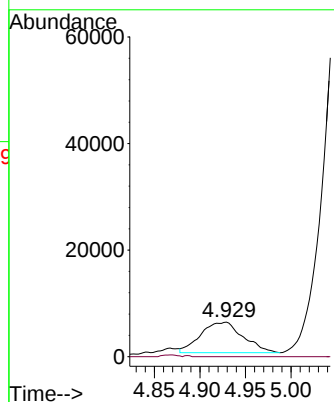
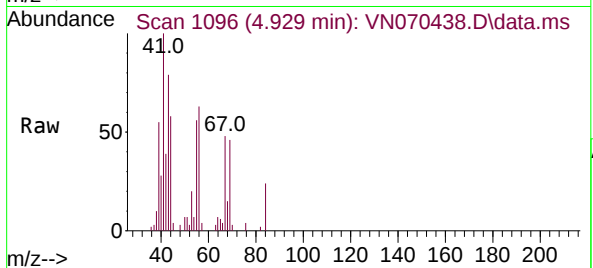
MW-2

Tgt Ion: 43 Resp: 18504

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#20

Methylene Chloride

Concen: 0.326 ug/l

RT: 5.082 min Scan# 1153

Delta R.T. -0.013 min

Lab File: VN070438.D

Acq: 3 Jan 2022 15:36

Tgt Ion: 84 Resp: 4260

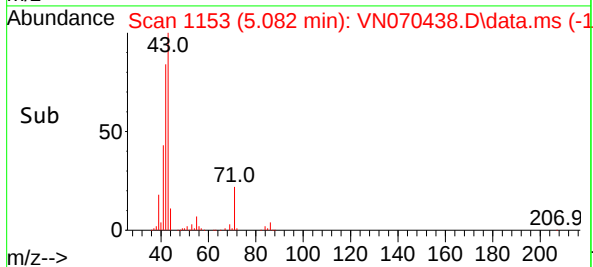
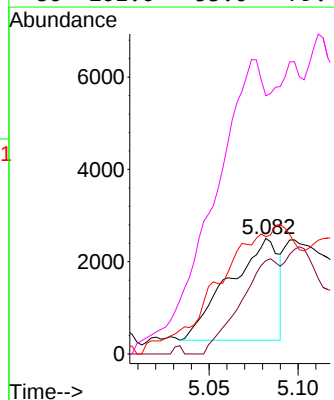
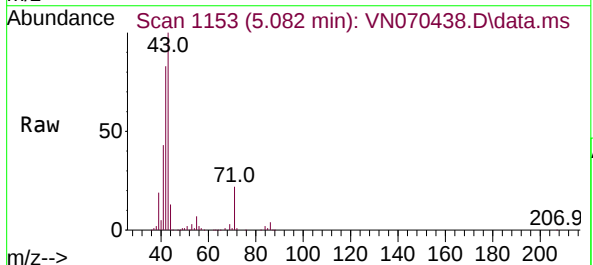
Ion Ratio Lower Upper

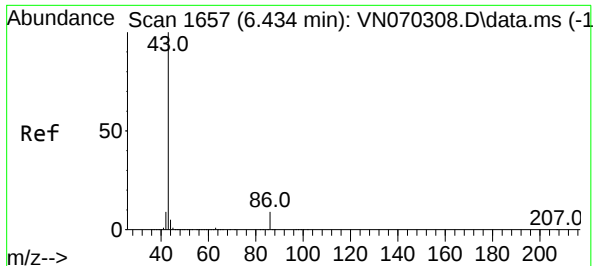
84 100

49 83.5 93.5 140.3#

51 92.1 29.4 44.2#

86 201.0 53.0 79.4#

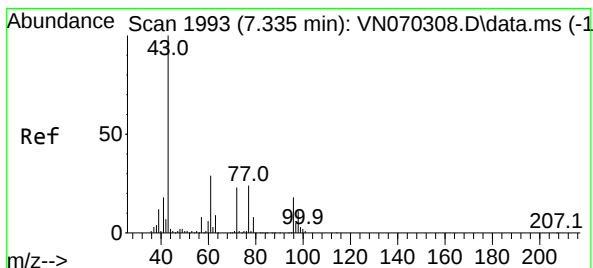
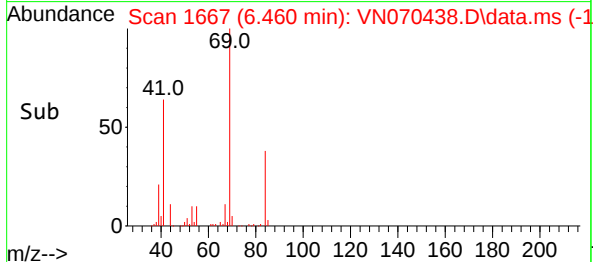
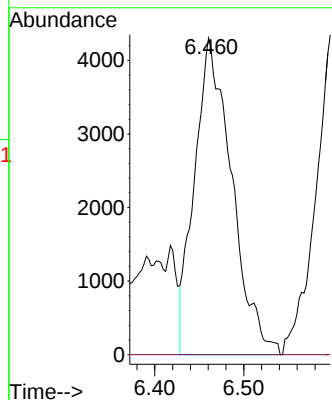
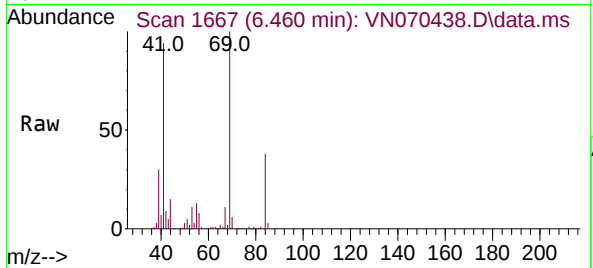




#23
 Vinyl Acetate
 Concen: 0.353 ug/l
 RT: 6.460 min Scan# 1
 Delta R.T. 0.026 min
 Lab File: VN070438.D
 Acq: 3 Jan 2022 15:36

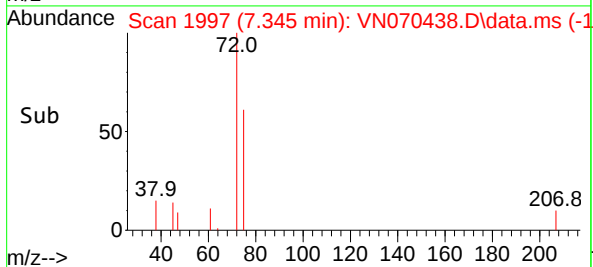
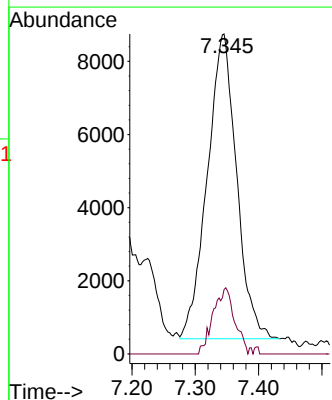
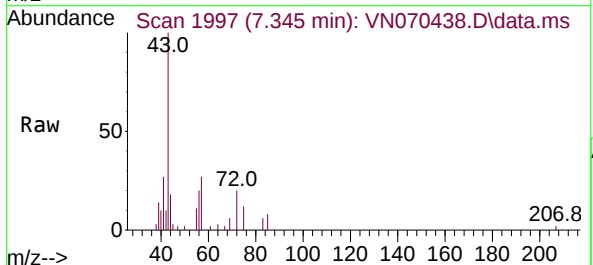
Instrument :
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 ClientSampleId :
 MW-2

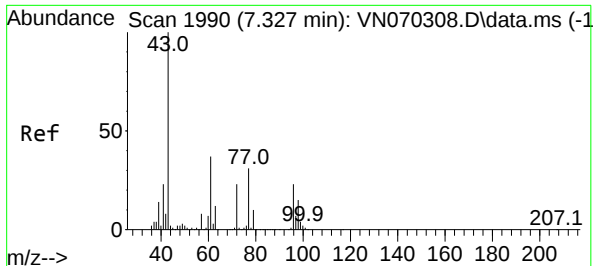
Tgt Ion: 43 Resp: 12471
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 2.248 ug/l
 RT: 7.345 min Scan# 1997
 Delta R.T. 0.010 min
 Lab File: VN070438.D
 Acq: 3 Jan 2022 15:36

Tgt Ion: 43 Resp: 26776
 Ion Ratio Lower Upper
 43 100
 72 21.1 21.7 32.5#





#26

2,2-Dichloropropane

Concen: 0.536 ug/l

RT: 7.147 min Scan# 1990

Delta R.T. -0.180 min

Lab File: VN070438.D

Acq: 3 Jan 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

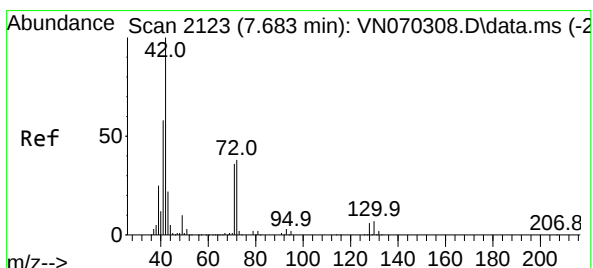
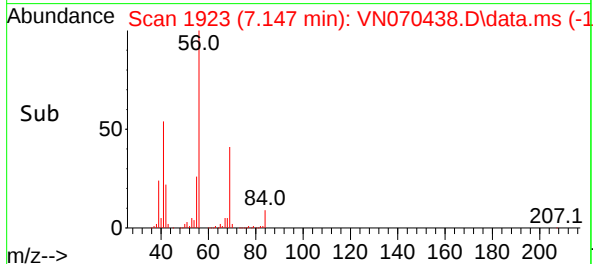
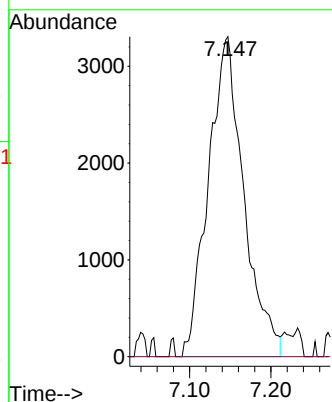
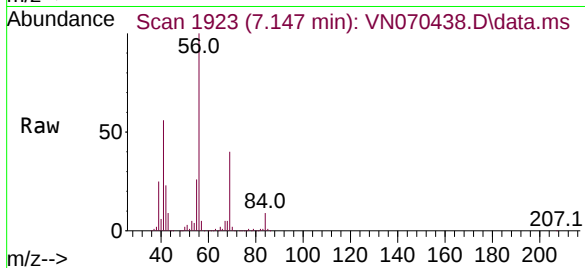
MW-2

Tgt Ion: 77 Resp: 10001

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#29

Tetrahydrofuran

Concen: 0.729 ug/l

RT: 7.691 min Scan# 2126

Delta R.T. 0.008 min

Lab File: VN070438.D

Acq: 3 Jan 2022 15:36

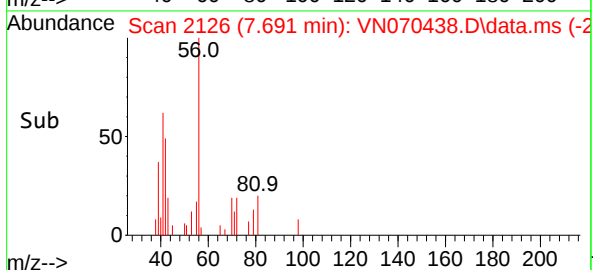
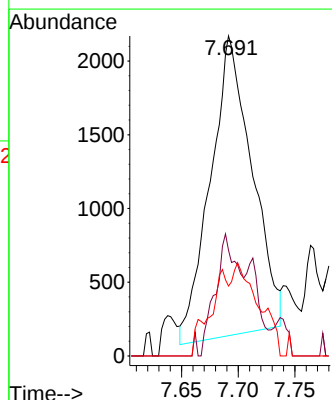
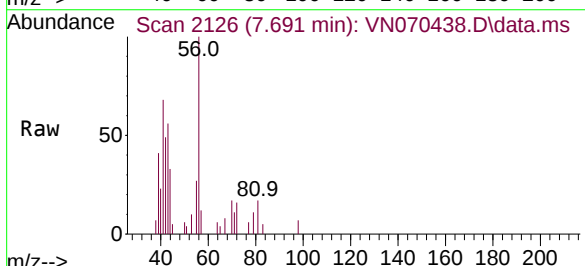
Tgt Ion: 42 Resp: 5177

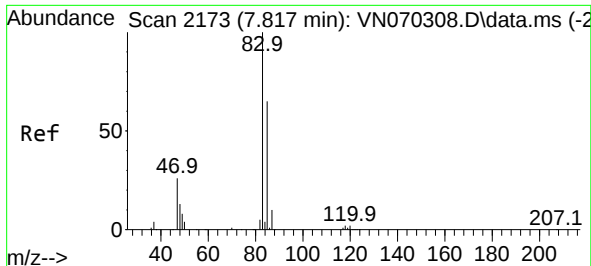
Ion Ratio Lower Upper

42 100

72 23.0 36.3 54.5#

71 13.1 34.7 52.1#

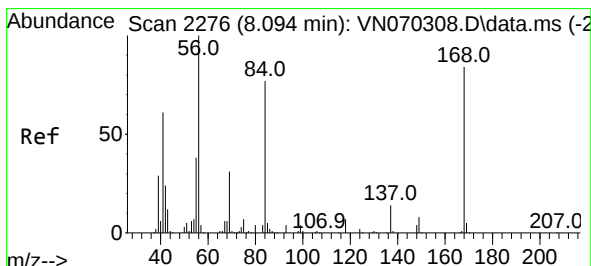
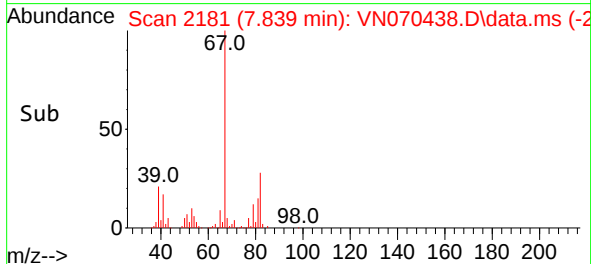
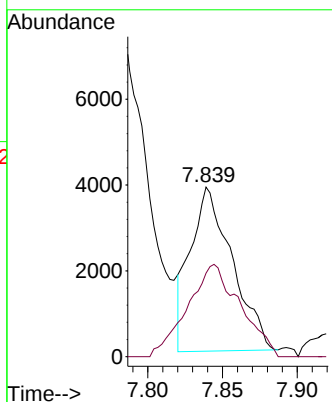
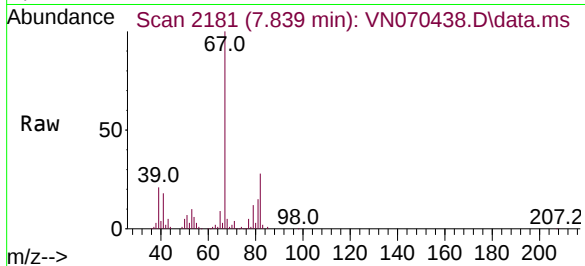




#30
Chloroform
Concen: 0.326 ug/l
RT: 7.839 min Scan# 2173
Delta R.T. 0.022 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

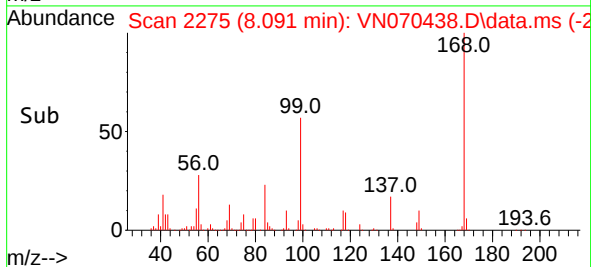
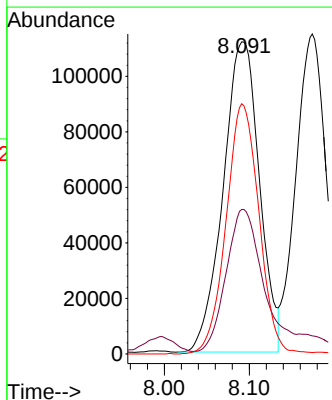
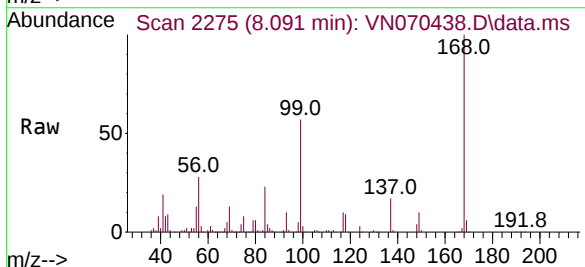
Instrument :
MSVOA_N
ClientSampleId :
MW-2

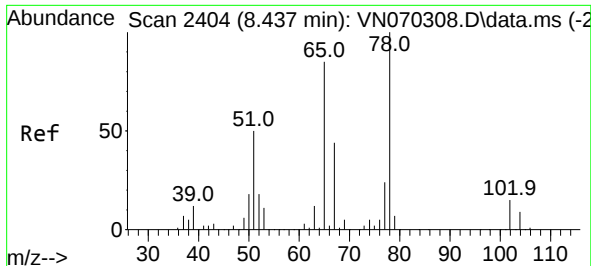
Tgt Ion: 83 Resp: 7431
Ion Ratio Lower Upper
83 100
85 51.3 51.9 77.9#



#31
Cyclohexane
Concen: 14.423 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 56 Resp: 331614
Ion Ratio Lower Upper
56 100
69 43.8 27.1 40.7#
84 80.6 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 50.524 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070438.D

Acq: 3 Jan 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

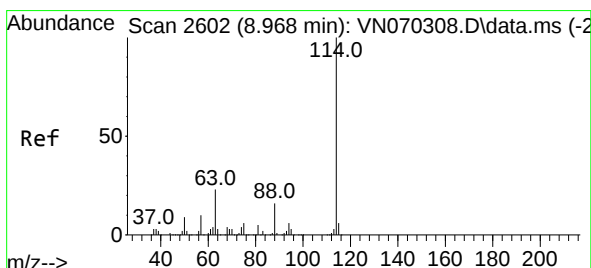
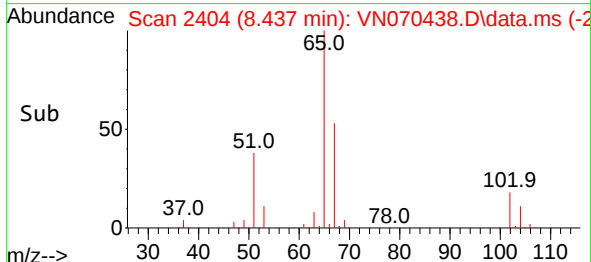
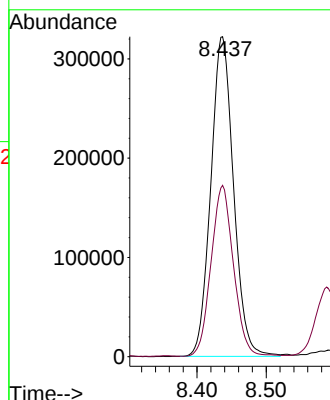
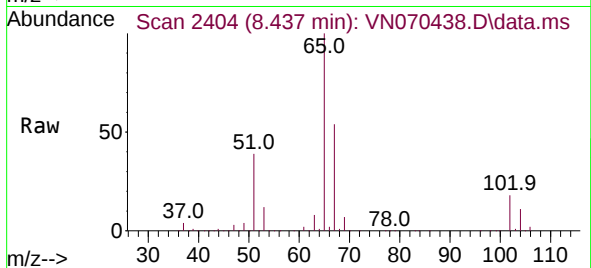
MW-2

Tgt Ion: 65 Resp: 736146

Ion Ratio Lower Upper

65 100

67 52.7 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: VN070438.D

Acq: 3 Jan 2022 15:36

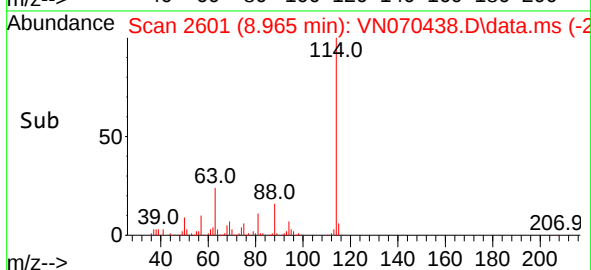
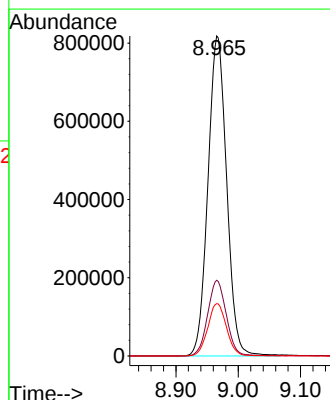
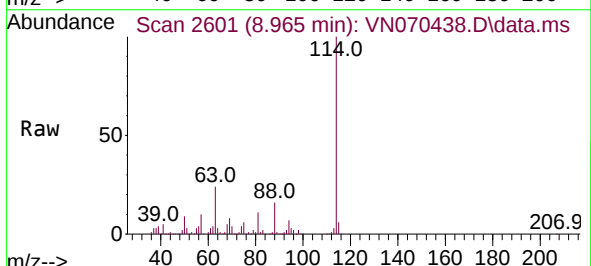
Tgt Ion:114 Resp: 1707886

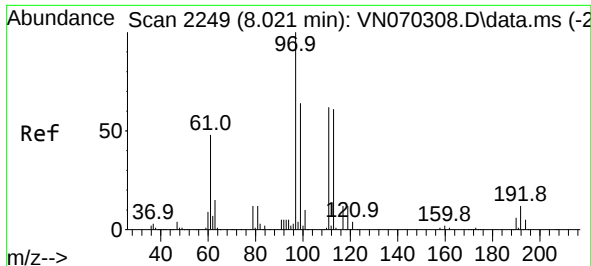
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.4 0.0 27.4

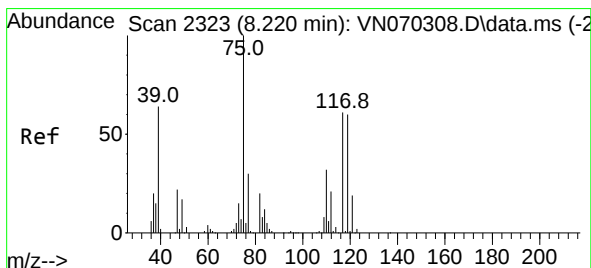
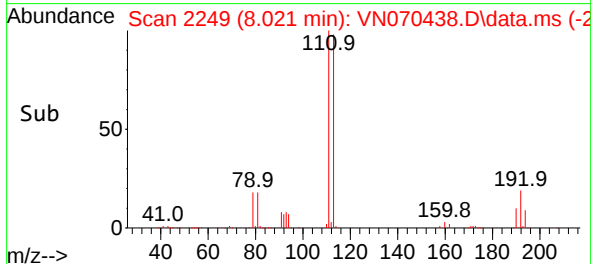
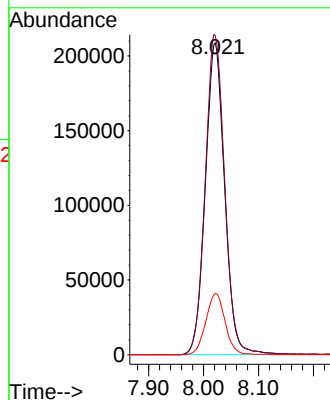
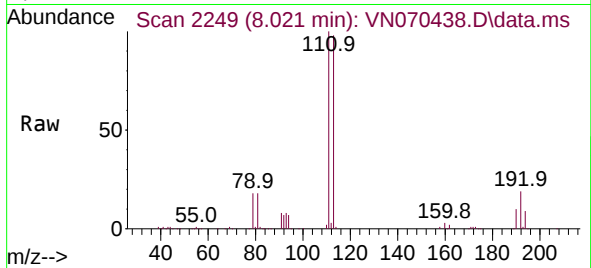




#35
Dibromofluoromethane
Concen: 49.369 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

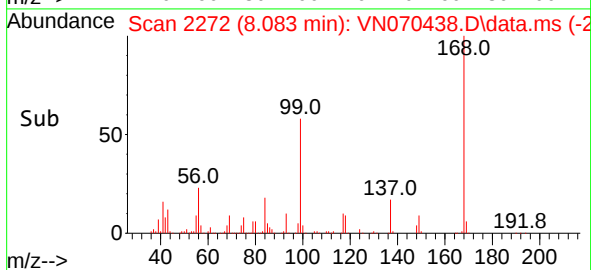
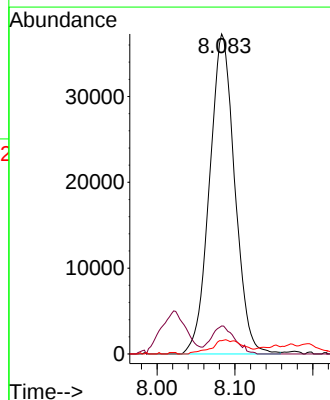
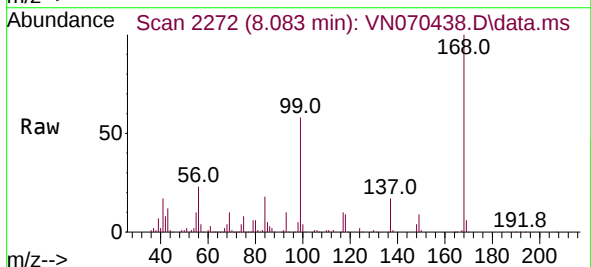
Instrument :
MSVOA_N
ClientSampleId :
MW-2

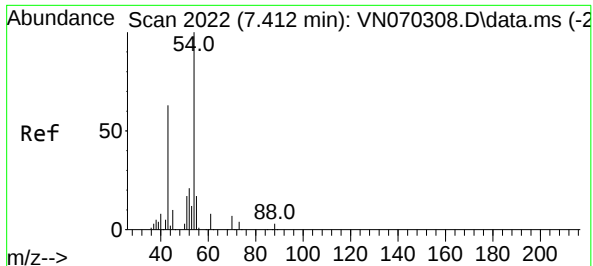
Tgt Ion:113 Resp: 510154
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.905 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 75 Resp: 83844
Ion Ratio Lower Upper
75 100
110 8.1 18.4 55.2#
77 3.2 24.4 36.6#

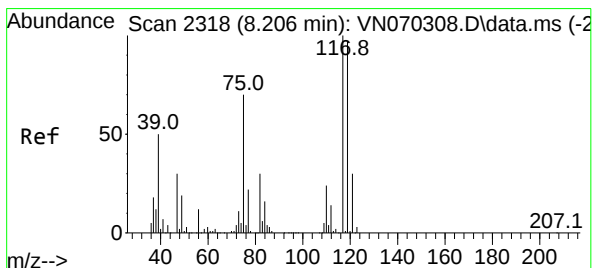
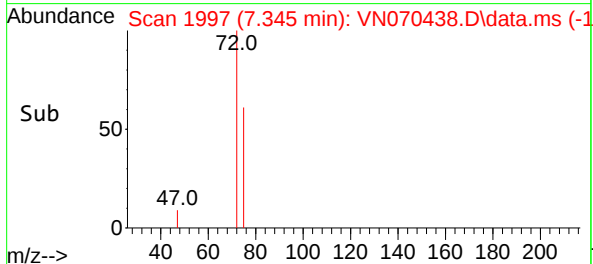
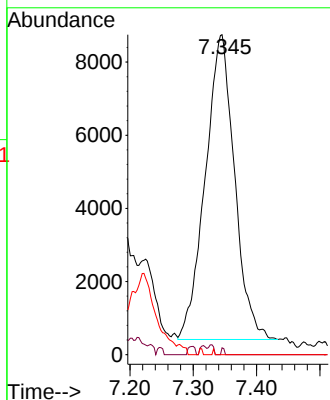
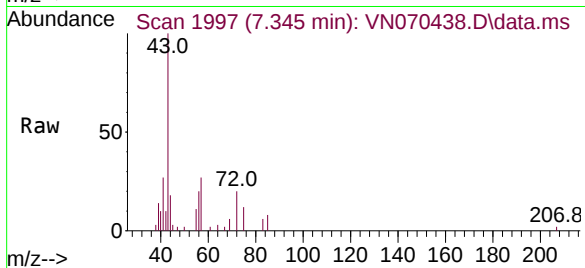




#37
Ethyl Acetate
Concen: 1.208 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. -0.067 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

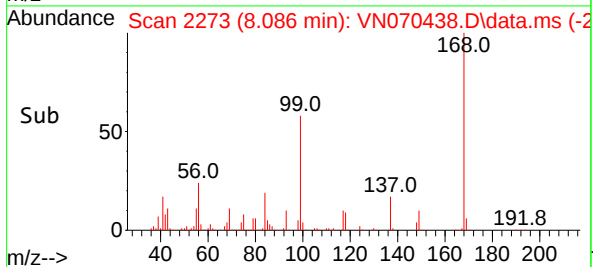
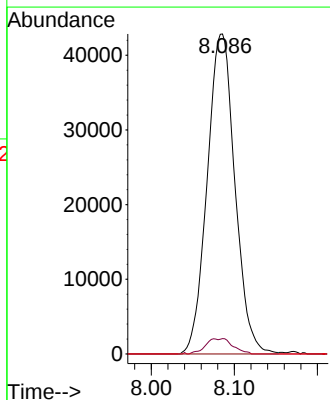
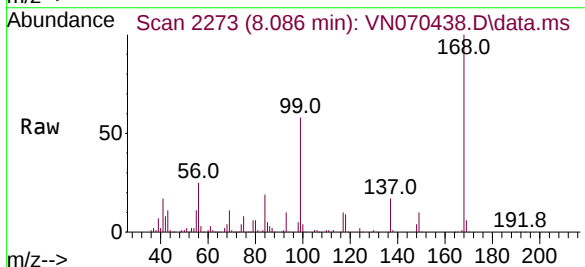
Instrument :
MSVOA_N
ClientSampleId :
MW-2

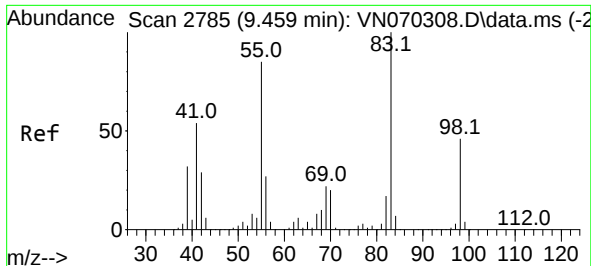
Tgt Ion: 43 Resp: 26776
Ion Ratio Lower Upper
43 100
61 0.6 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.096 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 117 Resp: 99499
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#

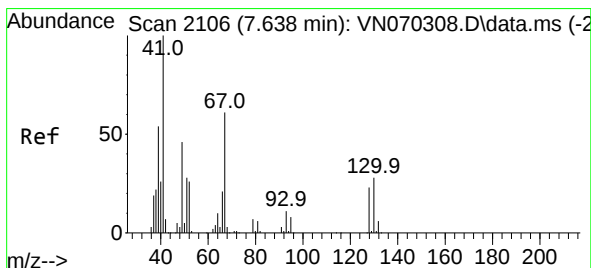
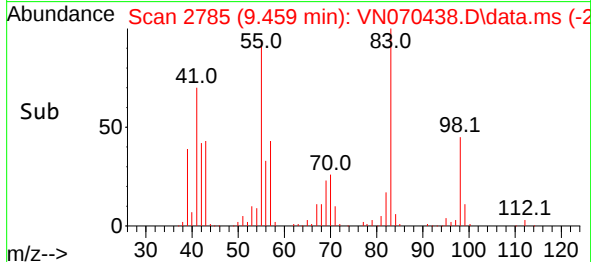
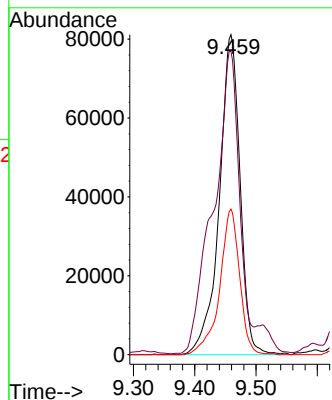
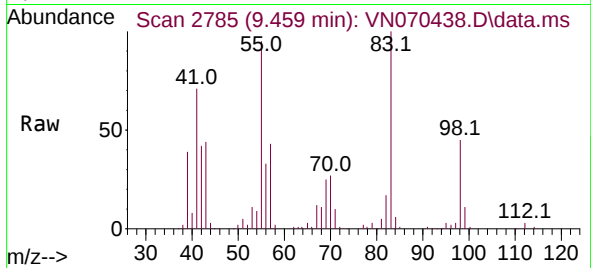




#39
Methylcyclohexane
Concen: 9.247 ug/l
RT: 9.459 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

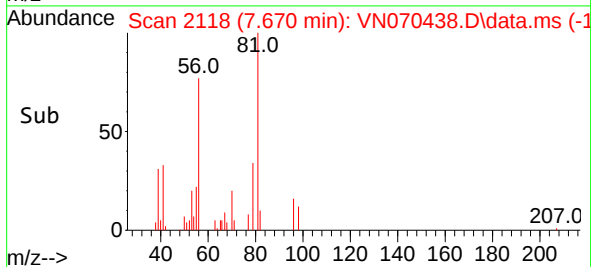
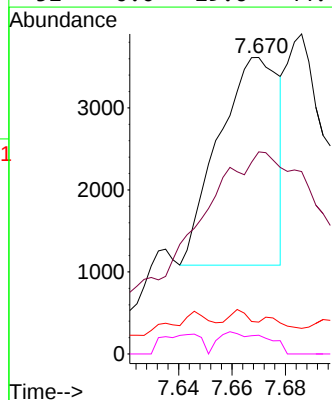
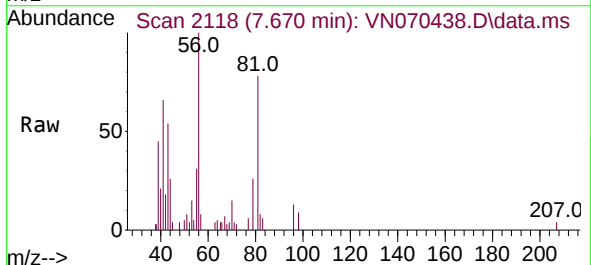
Instrument :
MSVOA_N
ClientSampleId :
MW-2

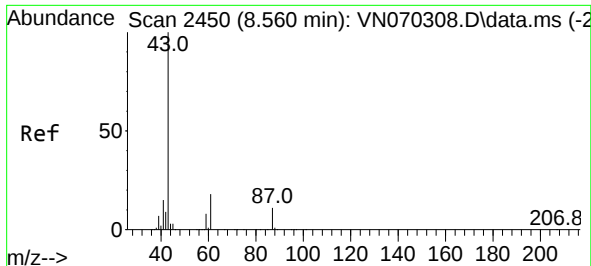
Tgt Ion: 83 Resp: 191363
Ion Ratio Lower Upper
83 100
55 94.5 58.1 87.1#
98 45.5 38.4 57.6



#41
Methacrylonitrile
Concen: 0.356 ug/l
RT: 7.670 min Scan# 2118
Delta R.T. 0.032 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 41 Resp: 3943
Ion Ratio Lower Upper
41 100
39 194.7 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#

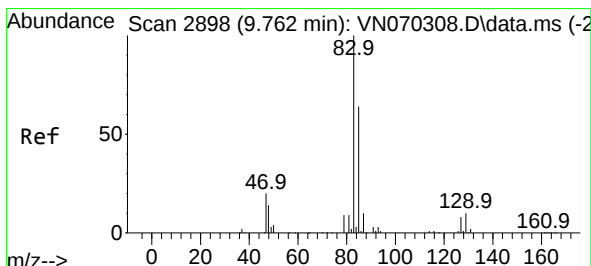
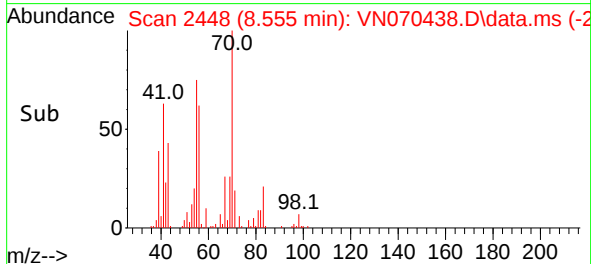
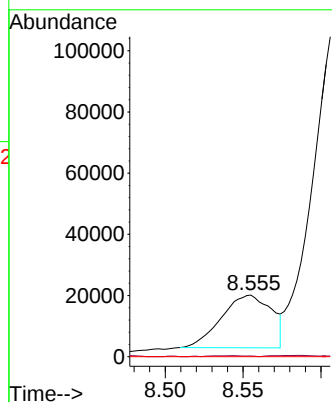
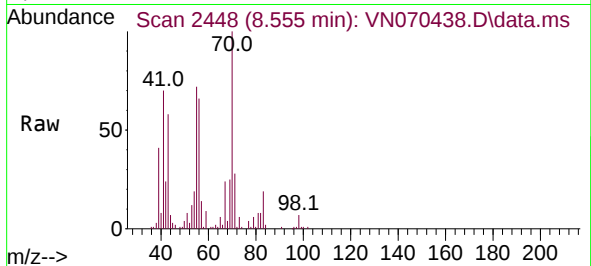




#43
Isopropyl Acetate
Concen: 1.113 ug/l
RT: 8.555 min Scan# 2448
Delta R.T. -0.005 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

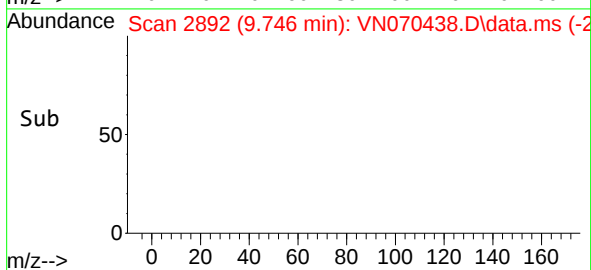
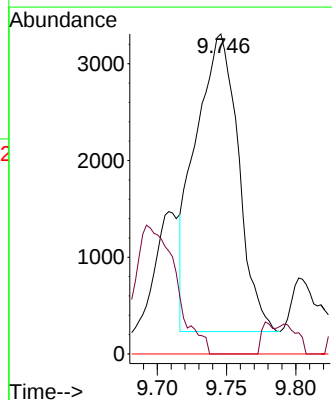
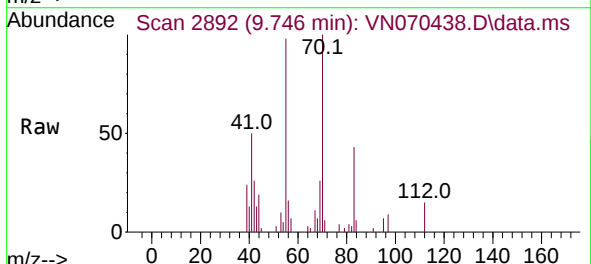
Instrument :
MSVOA_N
ClientSampleId :
MW-2

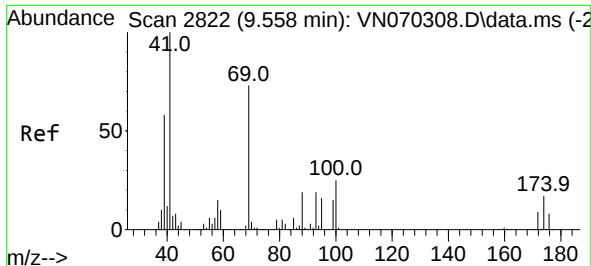
Tgt Ion: 43 Resp: 38880
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#47
Bromodichloromethane
Concen: 0.380 ug/l
RT: 9.746 min Scan# 2892
Delta R.T. -0.016 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 83 Resp: 6626
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#

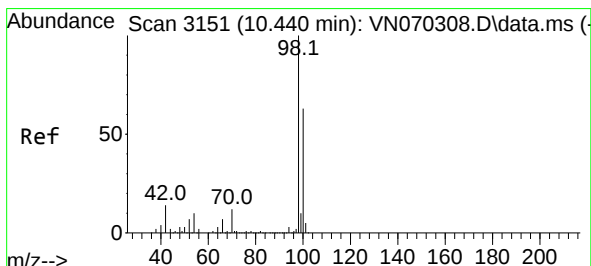
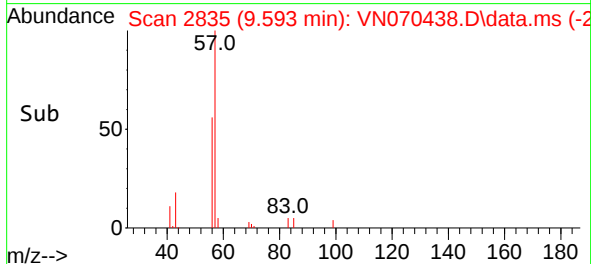
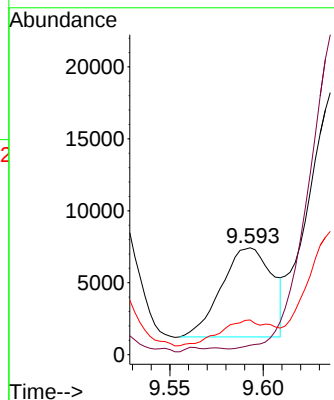
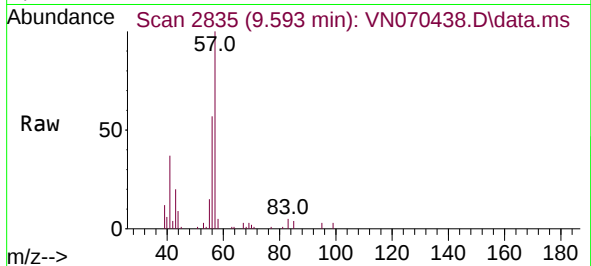




#48
Methyl methacrylate
Concen: 0.705 ug/l
RT: 9.593 min Scan# 2822
Delta R.T. 0.035 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

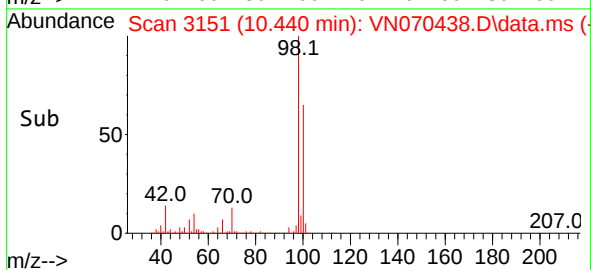
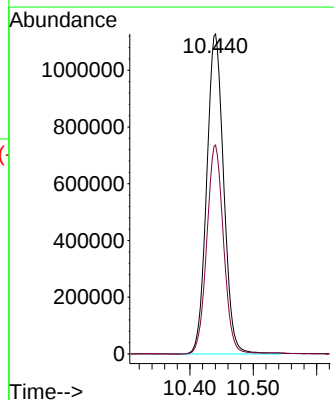
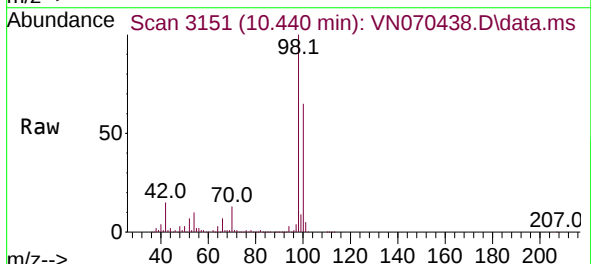
Instrument :
MSVOA_N
ClientSampleId :
MW-2

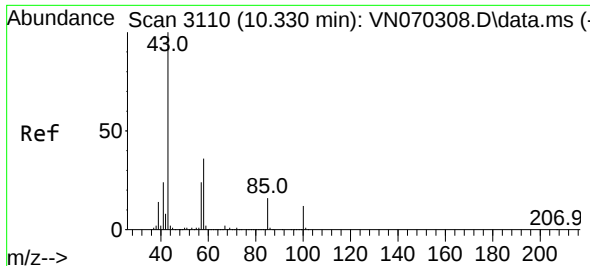
Tgt Ion: 41 Resp: 11740
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 31.9 58.4 87.6#



#50
Toluene-d8
Concen: 49.717 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 98 Resp: 2098730
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

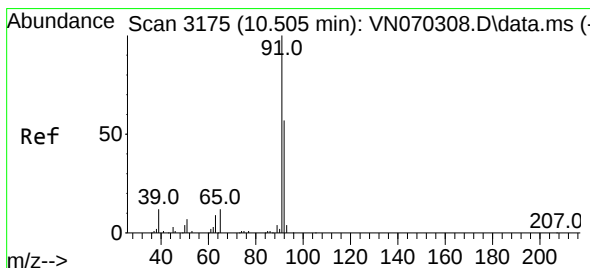
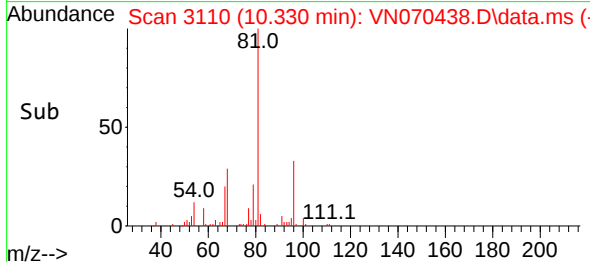
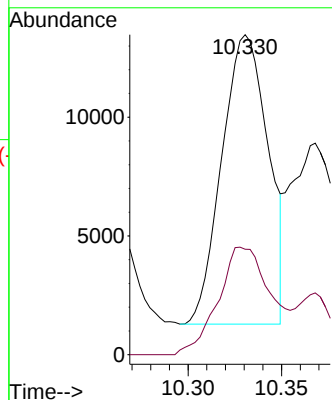
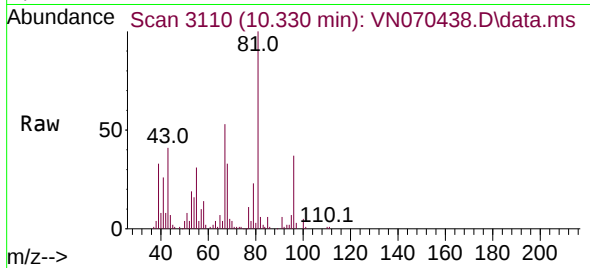




#51
4-Methyl-2-Pentanone
Concen: 0.955 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

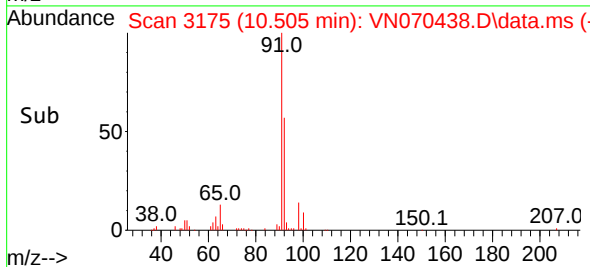
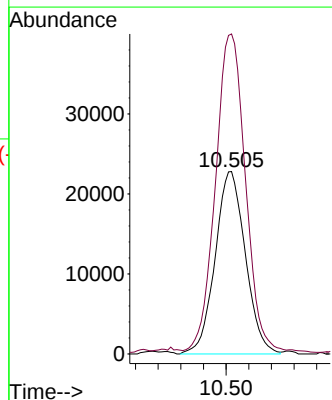
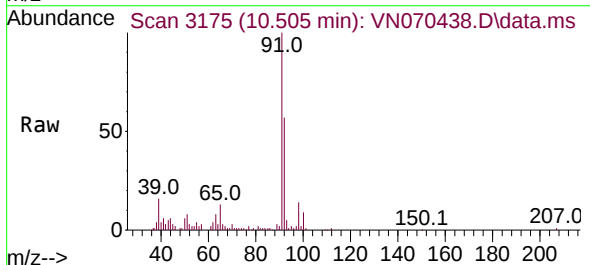
Instrument :
MSVOA_N
ClientSampleId :
MW-2

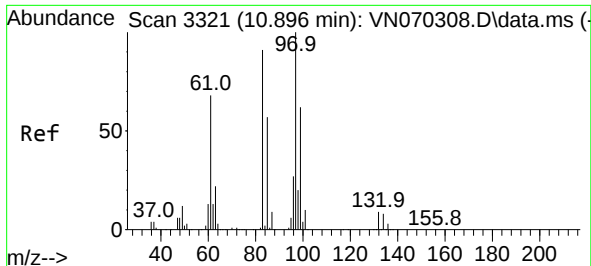
Tgt Ion: 43 Resp: 20974
Ion Ratio Lower Upper
43 100
58 42.6 30.4 45.6



#52
Toluene
Concen: 1.331 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 92 Resp: 42213
Ion Ratio Lower Upper
92 100
91 173.8 142.0 213.0

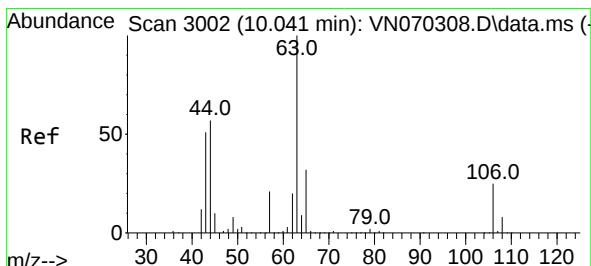
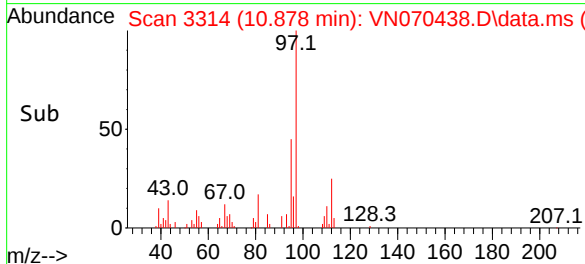
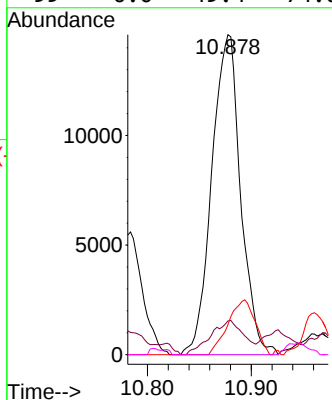
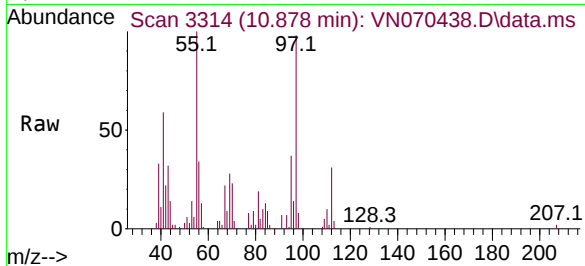




#55
1,1,2-Trichloroethane
Concen: 2.244 ug/l
RT: 10.878 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

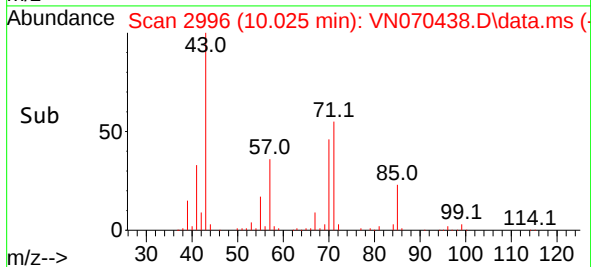
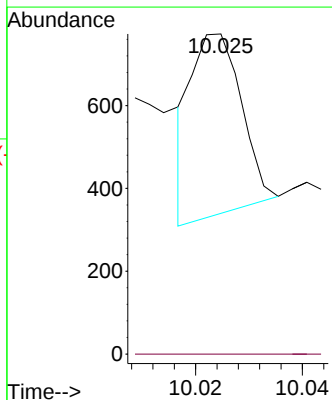
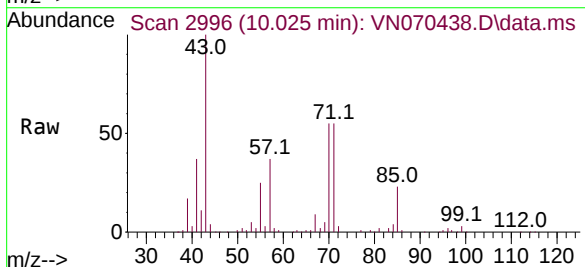
Instrument :
MSVOA_N
ClientSampleId :
MW-2

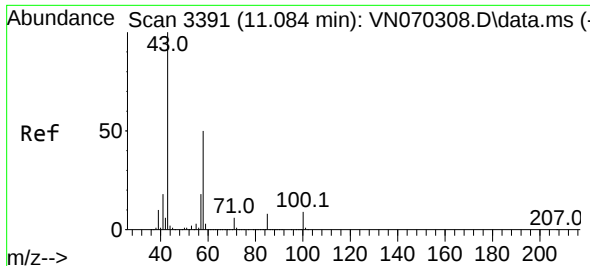
Tgt Ion:	97	Resp:	28165
Ion	Ratio	Lower	Upper
97	100		
83	9.5	67.8	101.6#
85	9.4	45.4	68.2#
99	0.0	49.4	74.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.563 ug/l
RT: 10.025 min Scan# 2996
Delta R.T. -0.016 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion:	63	Resp:	288
Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#

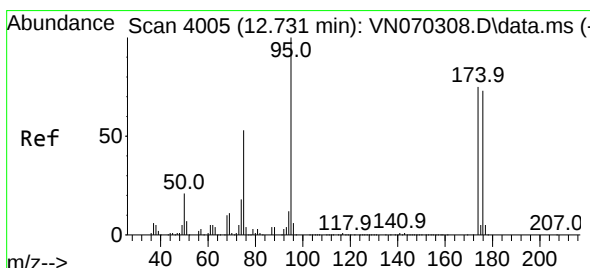
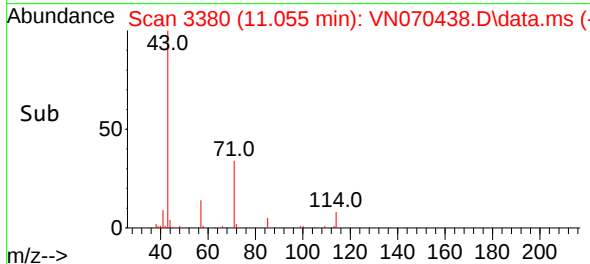
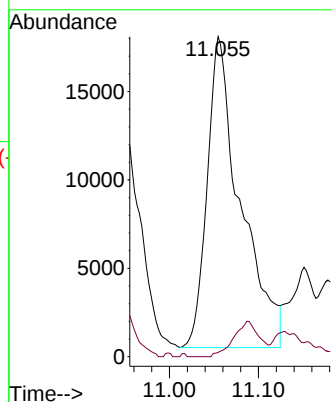
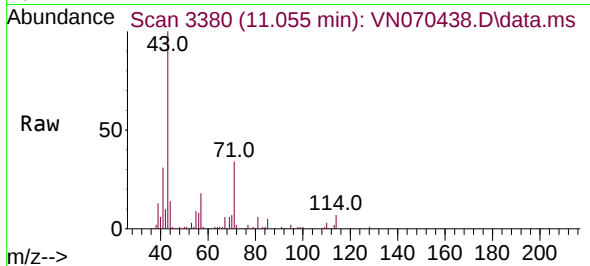




#59
2-Hexanone
Concen: 2.850 ug/l
RT: 11.055 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

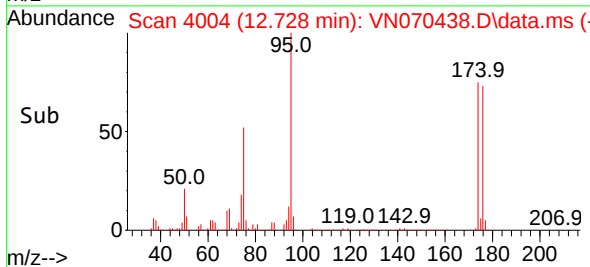
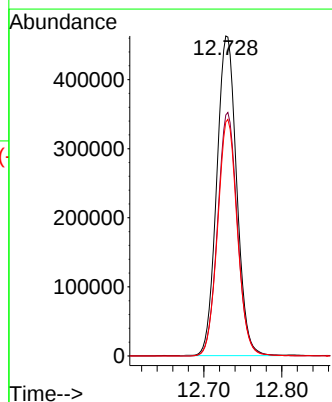
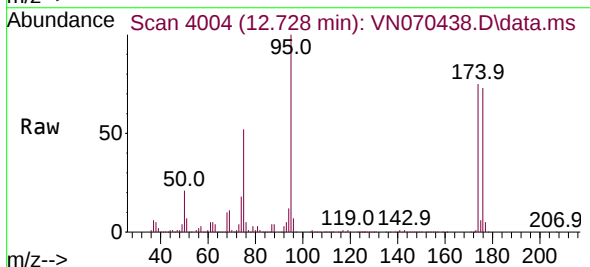
Instrument :
MSVOA_N
ClientSampleId :
MW-2

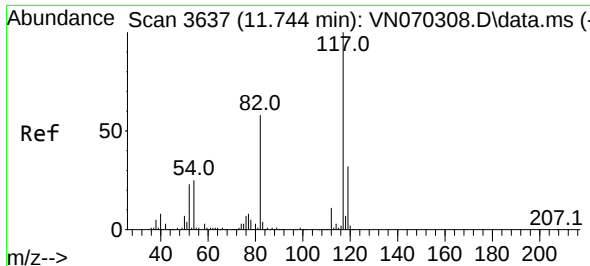
Tgt Ion: 43 Resp: 45626
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 53.808 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 95 Resp: 820389
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 73.2 0.0 181.4

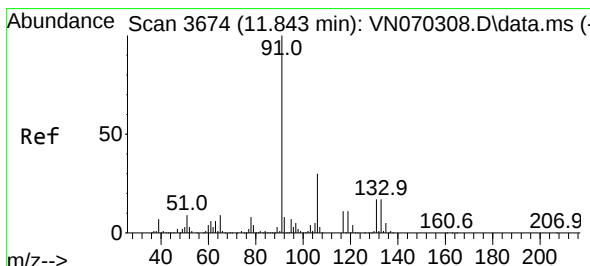
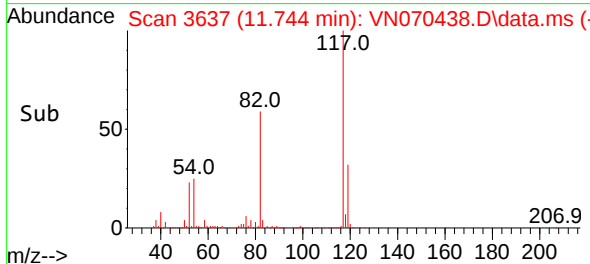
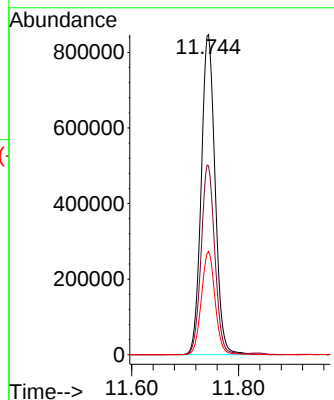
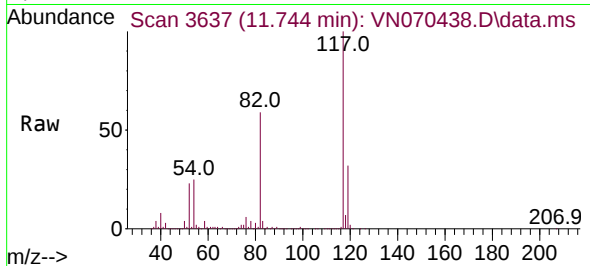




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

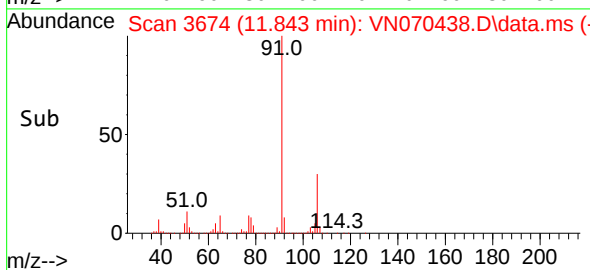
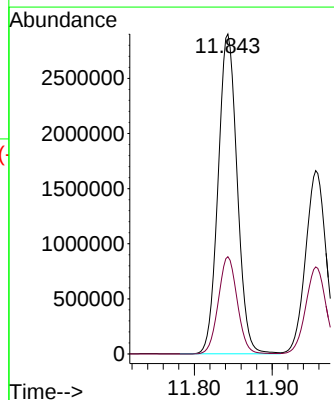
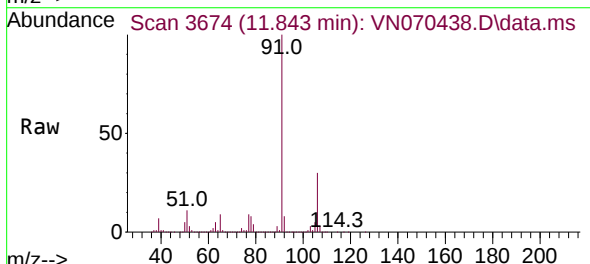
Instrument :
MSVOA_N
ClientSampleId :
MW-2

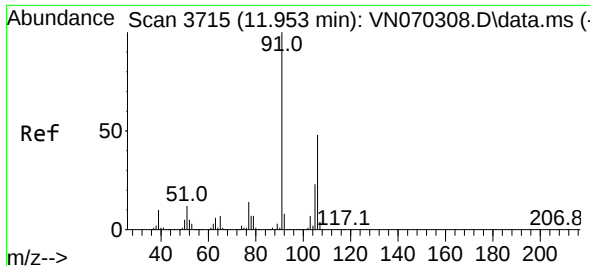
Tgt Ion:117 Resp: 1530372
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.2 25.4 38.2



#67
Ethyl Benzene
Concen: 82.806 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 91 Resp: 4926493
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5

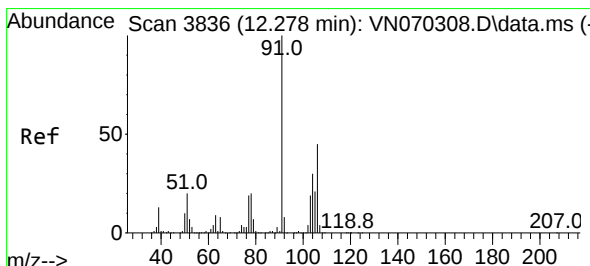
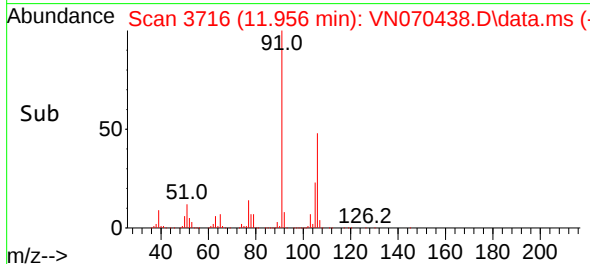
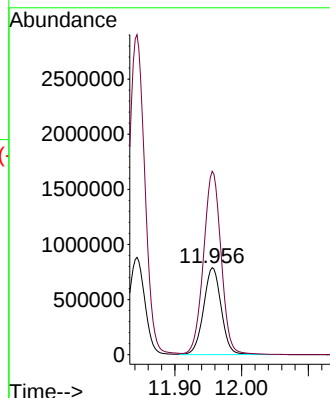
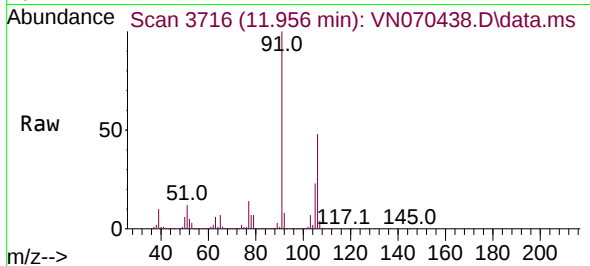




#68
m/p-Xylenes
Concen: 66.786 ug/l
RT: 11.956 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

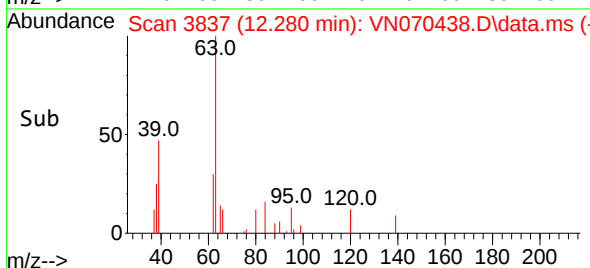
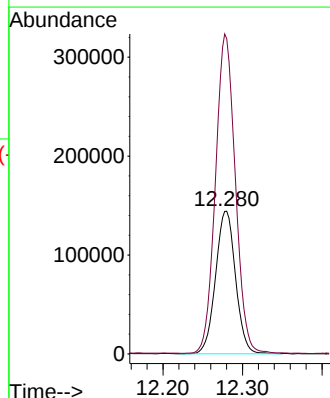
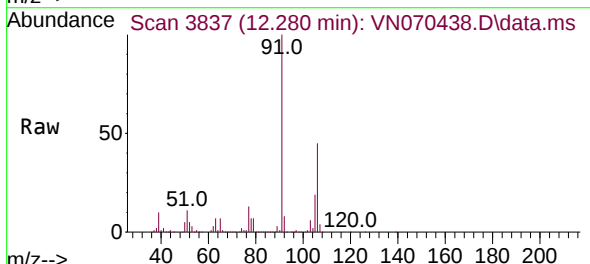
Instrument :
MSVOA_N
ClientSampleId :
MW-2

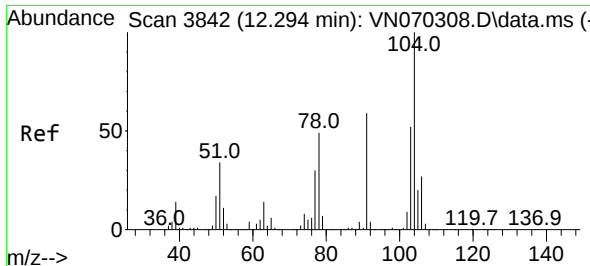
Tgt Ion:106 Resp: 1446334
Ion Ratio Lower Upper
106 100
91 211.1 160.6 240.8



#69
o-Xylene
Concen: 11.686 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion:106 Resp: 251732
Ion Ratio Lower Upper
106 100
91 222.7 105.8 317.3

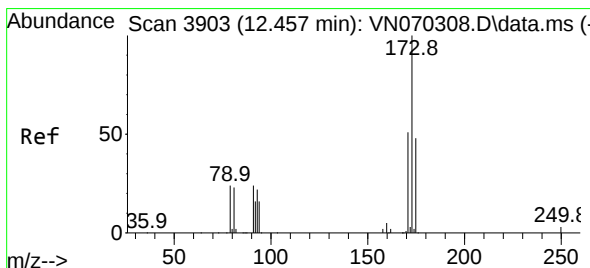
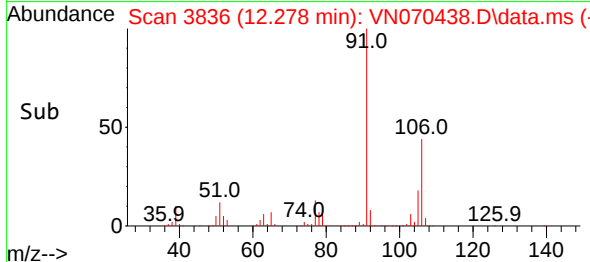
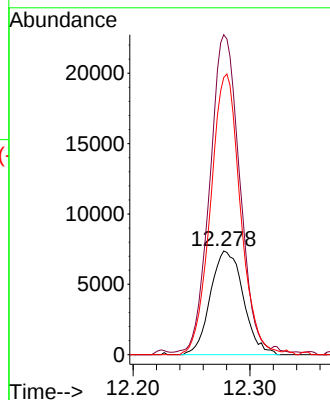
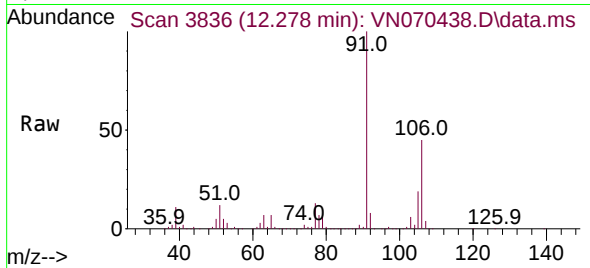




#70
Styrene
Concen: 0.422 ug/l
RT: 12.278 min Scan# 3842
Delta R.T. -0.016 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

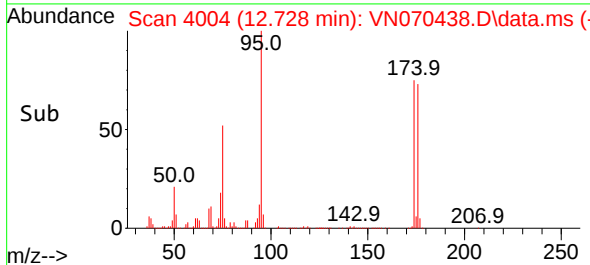
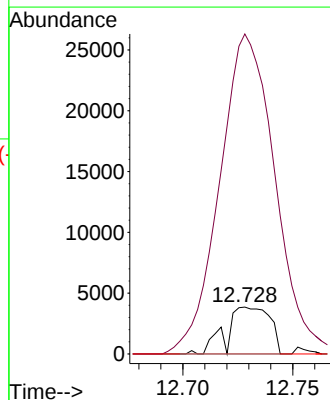
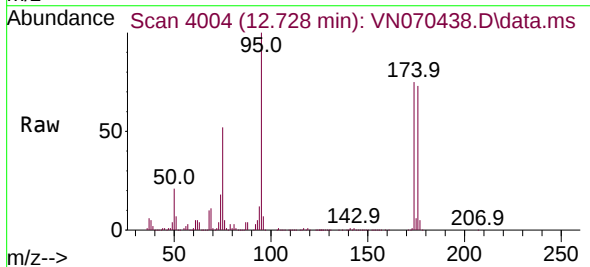
Instrument :
MSVOA_N
ClientSampleId :
MW-2

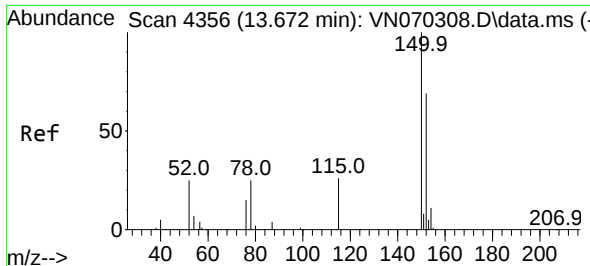
Tgt Ion:104 Resp: 14399
Ion Ratio Lower Upper
104 100
78 275.9 38.7 58.1#
103 246.0 45.0 67.6#



#71
Bromoform
Concen: 0.620 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.271 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion:173 Resp: 5337
Ion Ratio Lower Upper
173 100
175 809.0 24.2 72.6#
254 0.0 0.0 0.0

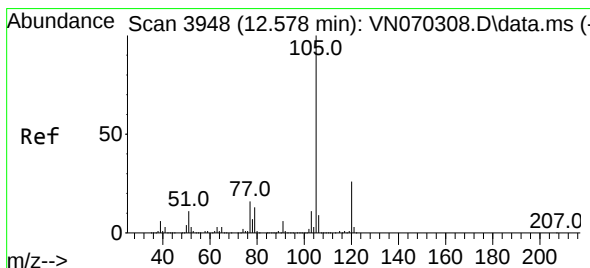
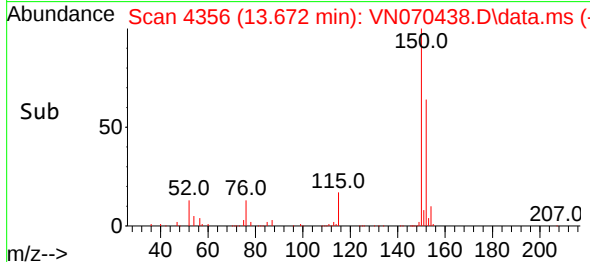
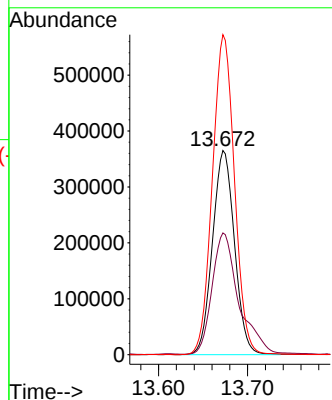
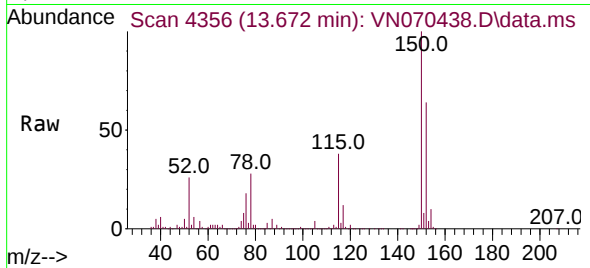




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

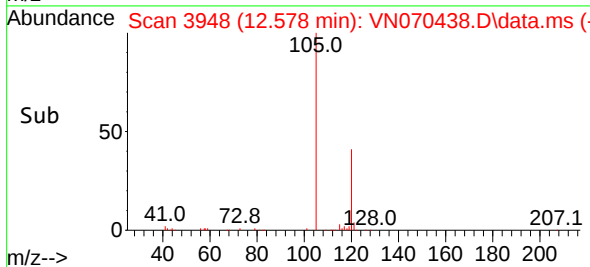
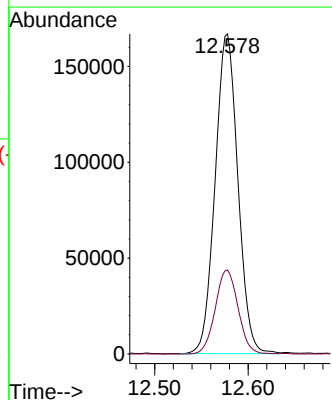
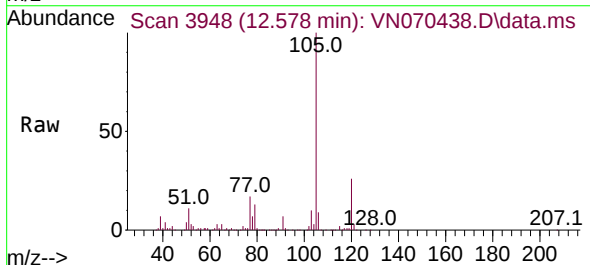
Instrument :
MSVOA_N
ClientSampleId :
MW-2

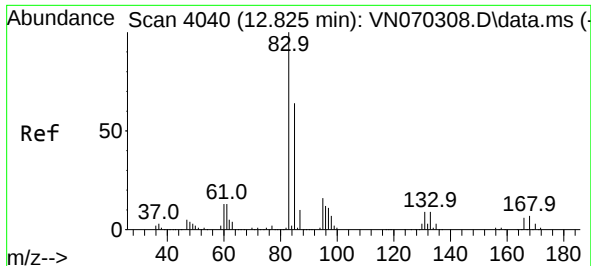
Tgt Ion:152 Resp: 628311
Ion Ratio Lower Upper
152 100
115 72.1 27.5 82.5
150 157.2 0.0 344.4



#73
Isopropylbenzene
Concen: 4.842 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion:105 Resp: 282520
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

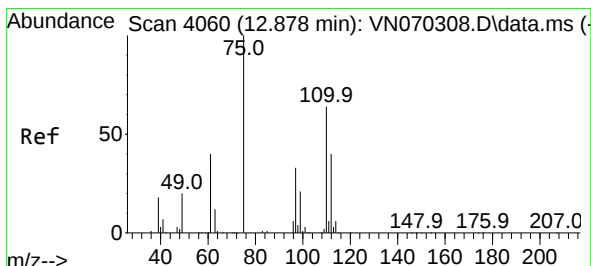
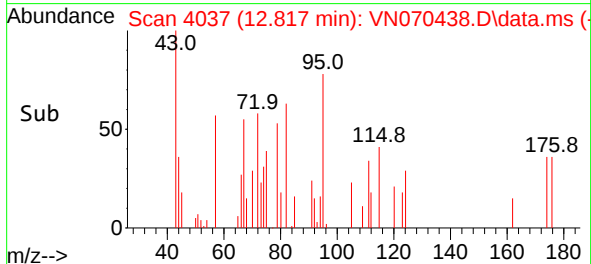
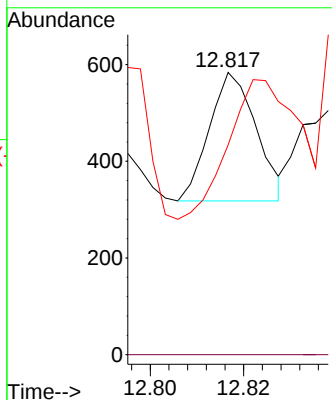
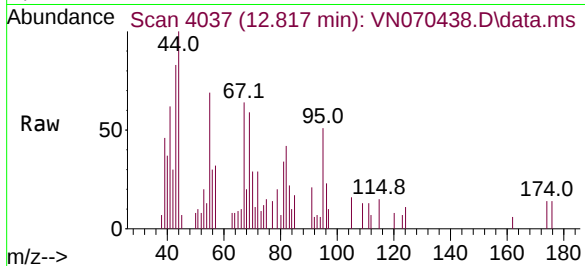




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.456 ug/l
 RT: 12.817 min Scan# 4040
 Delta R.T. -0.008 min
 Lab File: VN070438.D
 Acq: 3 Jan 2022 15:36

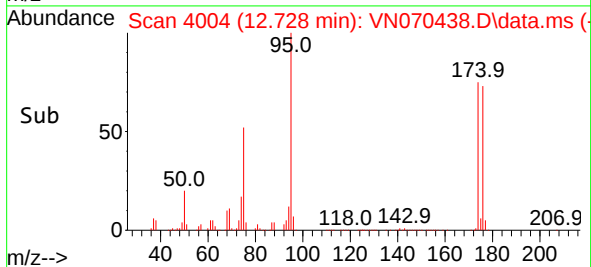
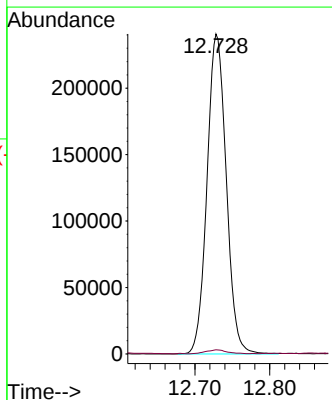
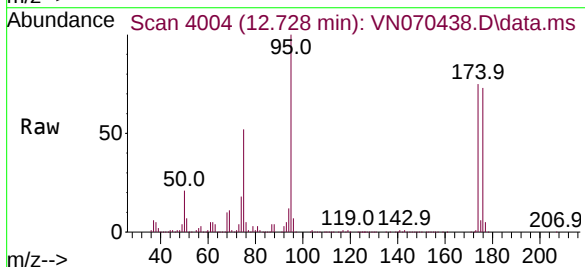
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

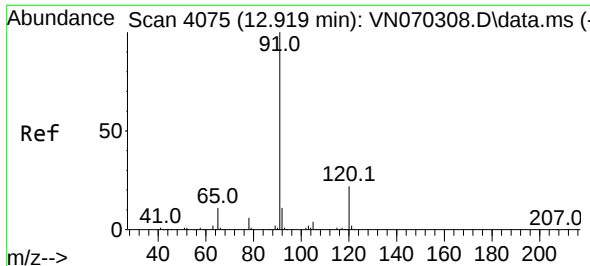
Tgt Ion: 83 Resp: 186
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 148.4 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 24.574 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. -0.150 min
 Lab File: VN070438.D
 Acq: 3 Jan 2022 15:36

Tgt Ion: 75 Resp: 429739
 Ion Ratio Lower Upper
 75 100
 77 1.3 82.6 247.8#

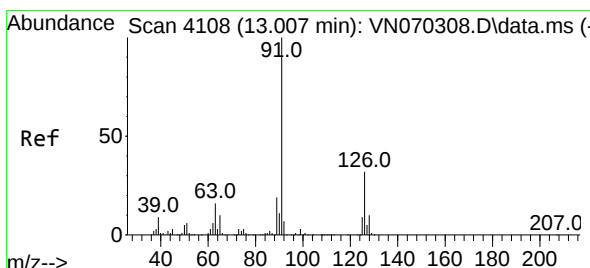
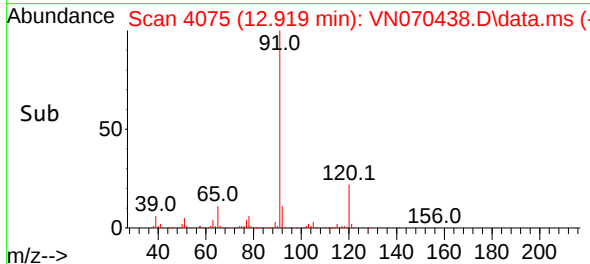
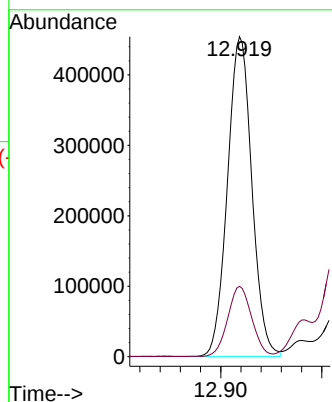
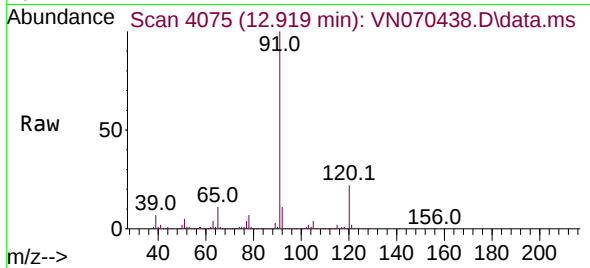




#78
n-propylbenzene
Concen: 11.757 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

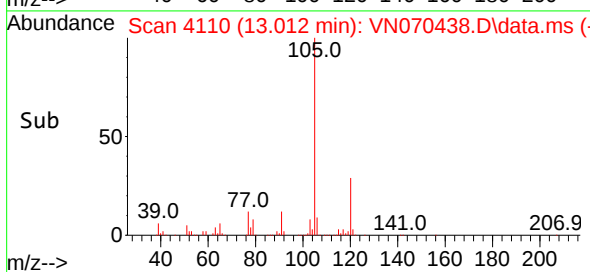
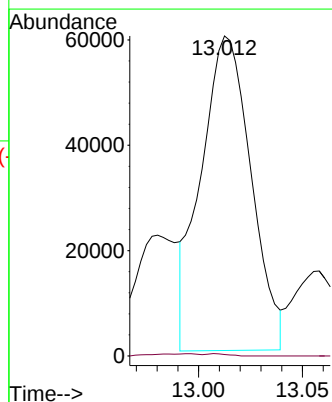
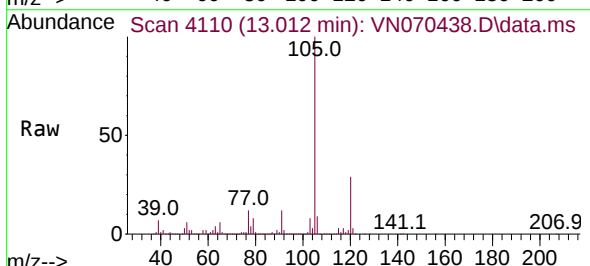
Instrument :
MSVOA_N
ClientSampleId :
MW-2

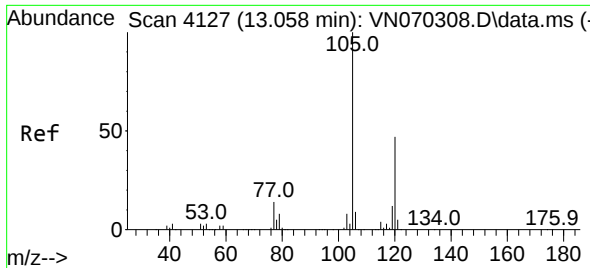
Tgt Ion: 91 Resp: 760097
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9



#79
2-Chlorotoluene
Concen: 2.412 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.005 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 91 Resp: 100064
Ion Ratio Lower Upper
91 100
126 0.3 18.3 54.8#

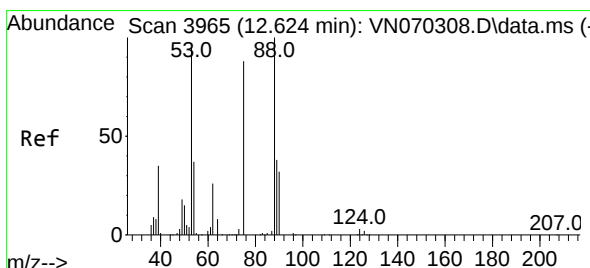
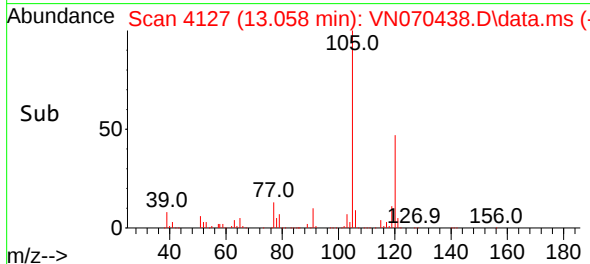
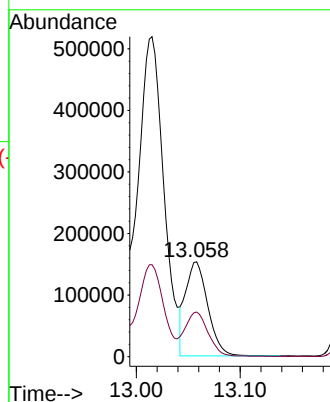
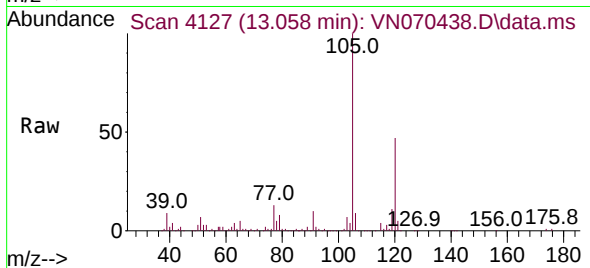




#80
 1,3,5-Trimethylbenzene
 Concen: 4.842 ug/l
 RT: 13.058 min Scan# 4127
 Delta R.T. 0.000 min
 Lab File: VN070438.D
 Acq: 3 Jan 2022 15:36

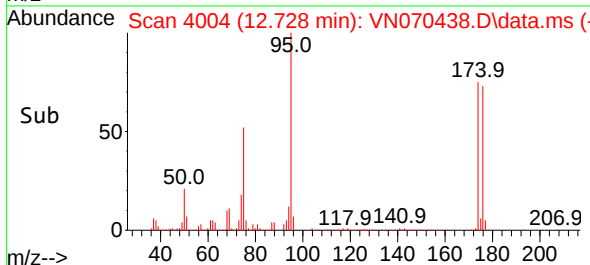
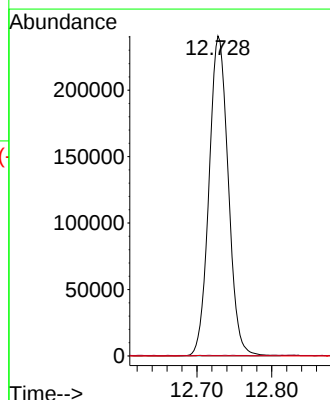
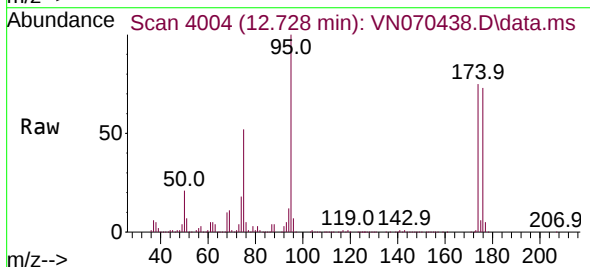
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

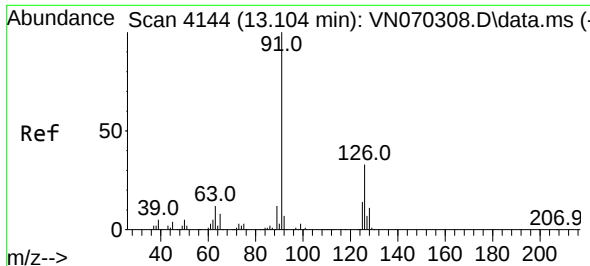
Tgt Ion:105 Resp: 226385
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.564 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. 0.104 min
 Lab File: VN070438.D
 Acq: 3 Jan 2022 15:36

Tgt Ion: 75 Resp: 429739
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 38.2 57.4#

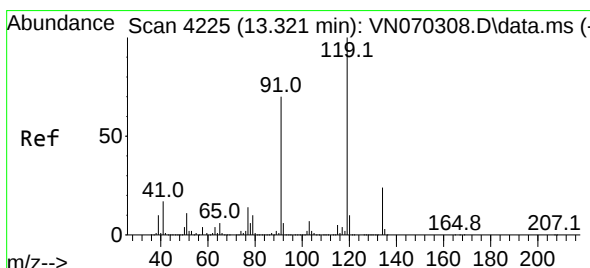
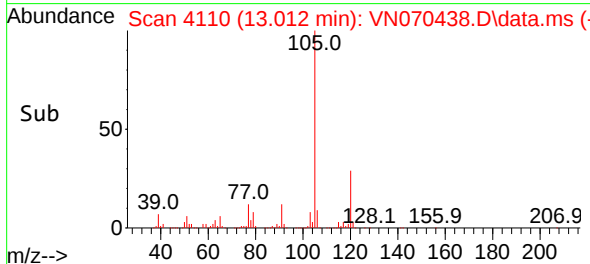
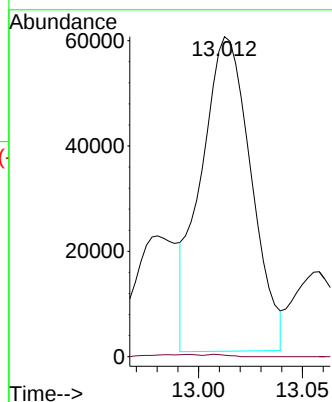
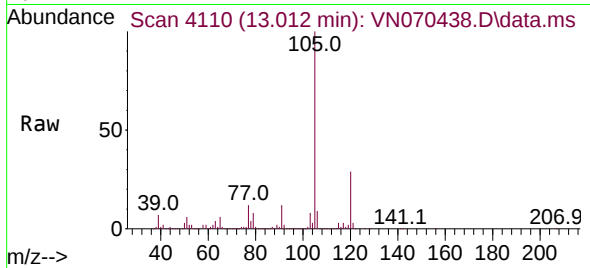




#82
4-Chlorotoluene
Concen: 2.575 ug/l
RT: 13.012 min Scan# 41
Delta R.T. -0.092 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

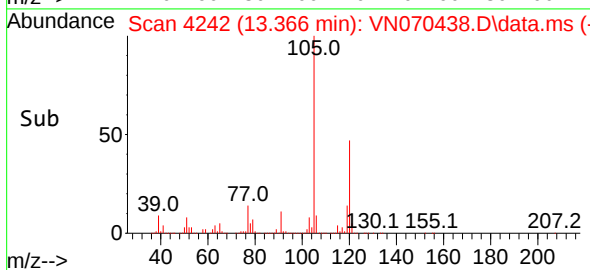
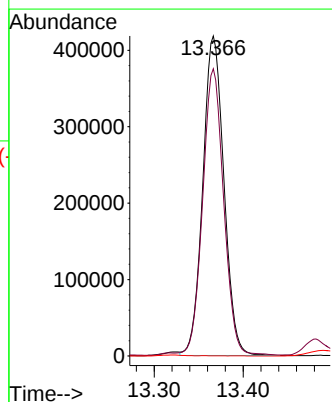
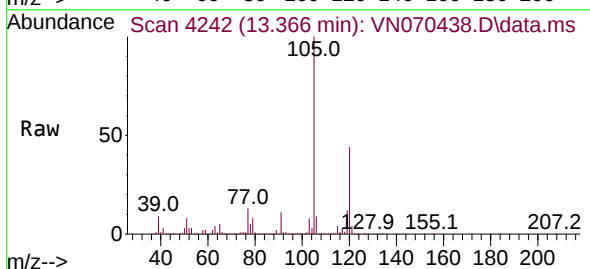
Instrument :
MSVOA_N
ClientSampleId :
MW-2

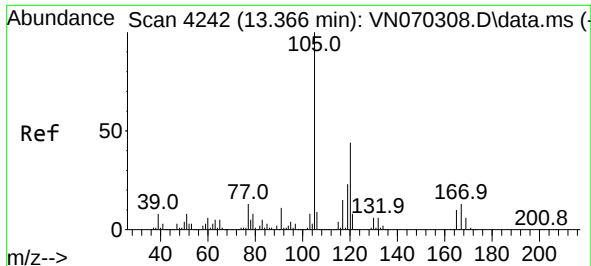
Tgt Ion: 91 Resp: 100064
Ion Ratio Lower Upper
91 100
126 0.3 18.2 54.6#



#83
tert-Butylbenzene
Concen: 16.707 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.045 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 119 Resp: 687839
Ion Ratio Lower Upper
119 100
91 89.3 31.5 94.5
134 0.0 12.4 37.4#

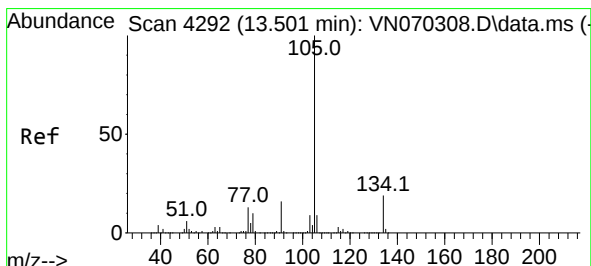
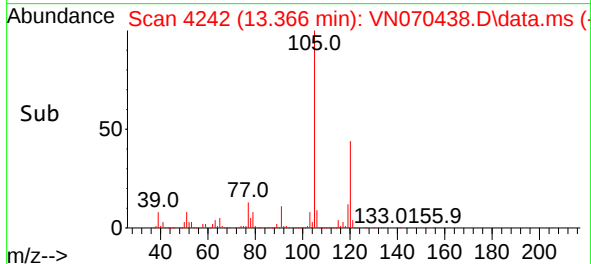
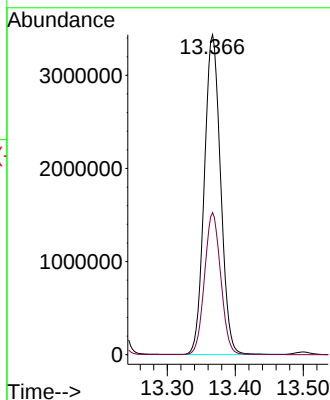
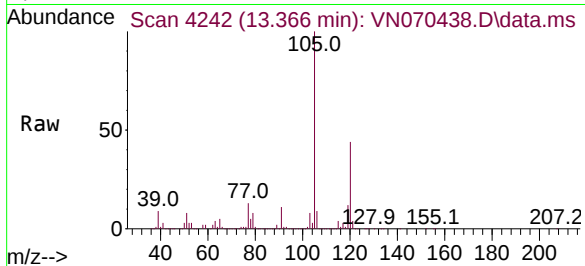




#84
1,2,4-Trimethylbenzene
Concen: 126.631 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

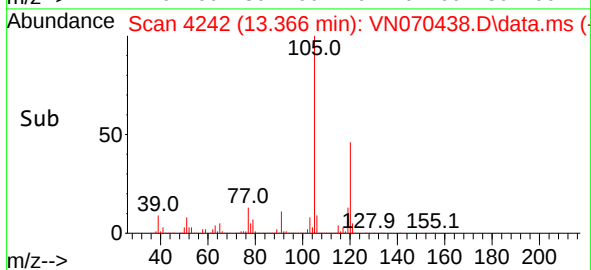
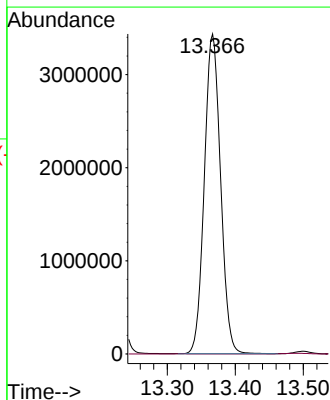
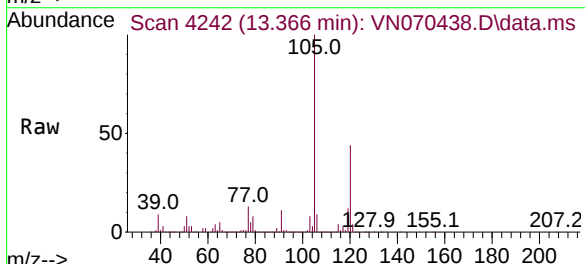
Instrument :
MSVOA_N
ClientSampleId :
MW-2

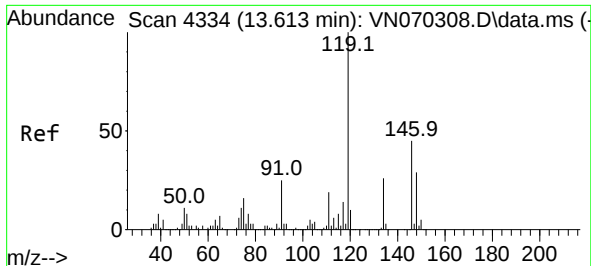
Tgt Ion:105 Resp: 5701429
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4



#85
sec-Butylbenzene
Concen: 101.932 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.135 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion:105 Resp: 5697681
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

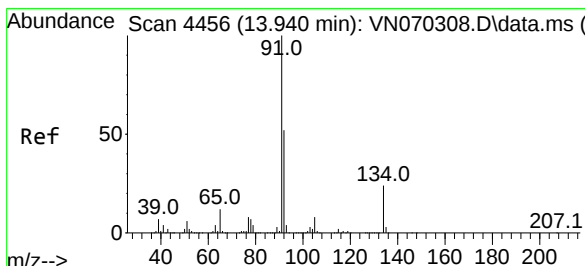
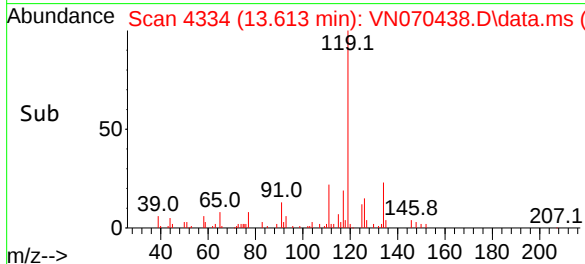
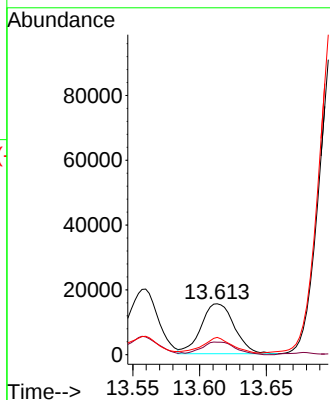
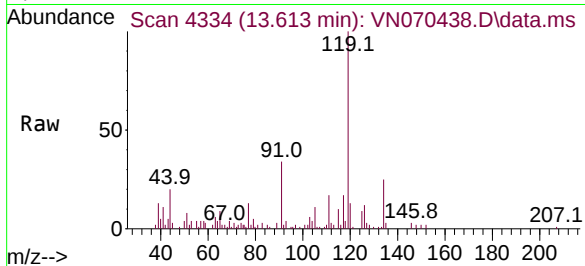




#86
p-Isopropyltoluene
Concen: 0.608 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

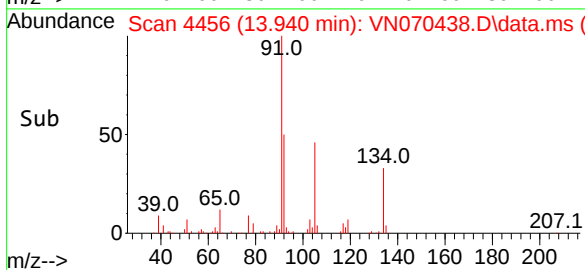
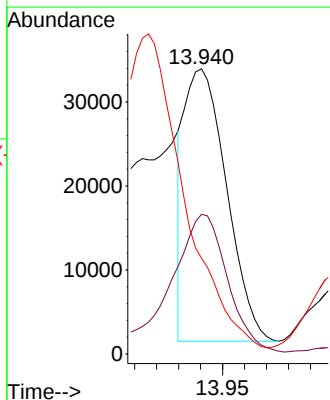
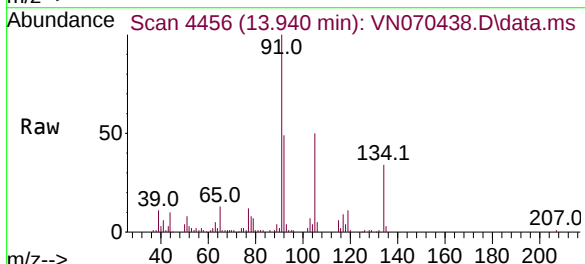
Instrument :
MSVOA_N
ClientSampleId :
MW-2

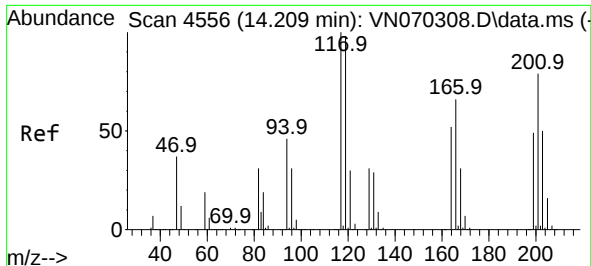
Tgt Ion:119 Resp: 26703
Ion Ratio Lower Upper
119 100
134 25.6 13.6 40.7
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 1.178 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 91 Resp: 43153
Ion Ratio Lower Upper
91 100
92 67.1 25.4 76.0
134 0.0 13.6 40.8#

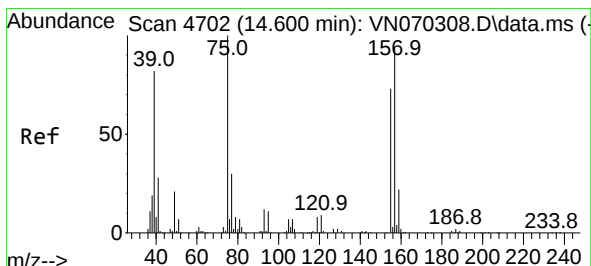
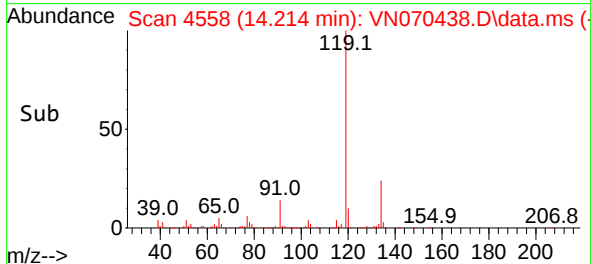
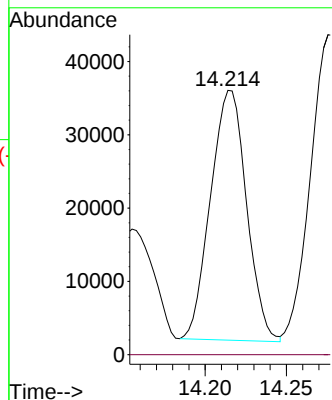
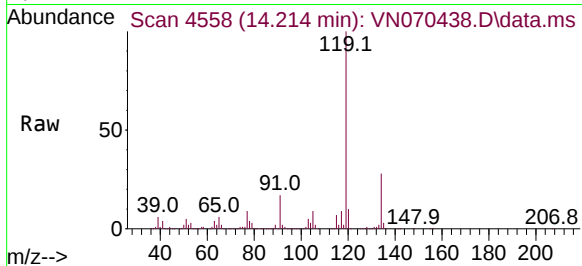




#90
Hexachloroethane
Concen: 6.891 ug/l
RT: 14.214 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

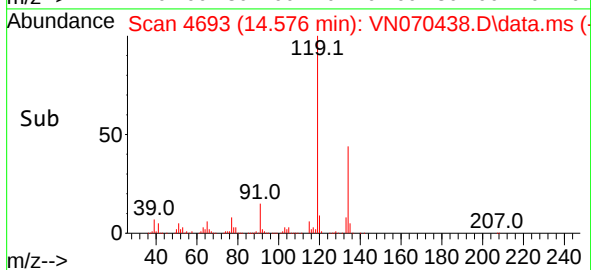
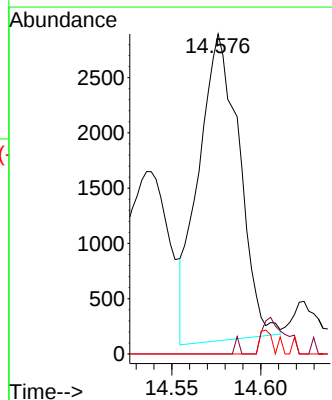
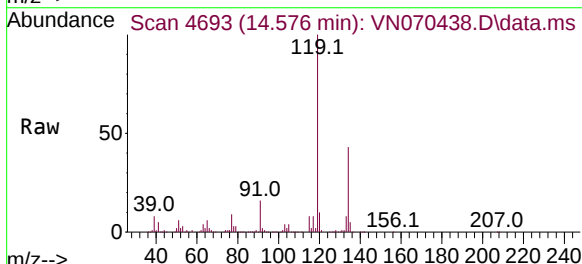
Instrument :
MSVOA_N
ClientSampleId :
MW-2

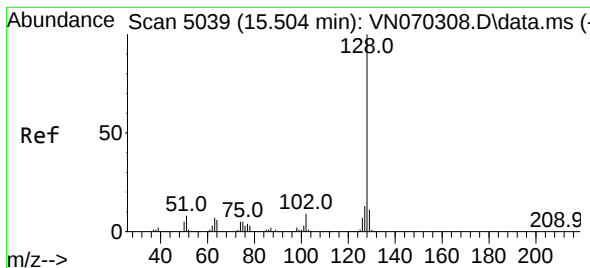
Tgt Ion:117 Resp: 52568
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.301 ug/l
RT: 14.576 min Scan# 4693
Delta R.T. -0.024 min
Lab File: VN070438.D
Acq: 3 Jan 2022 15:36

Tgt Ion: 75 Resp: 4399
Ion Ratio Lower Upper
75 100
155 0.6 46.9 140.7#
157 0.0 60.6 181.7#





#95

Naphthalene

Concen: 66.928 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. -0.000 min

Lab File: VN070438.D

Acq: 3 Jan 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

MW-2

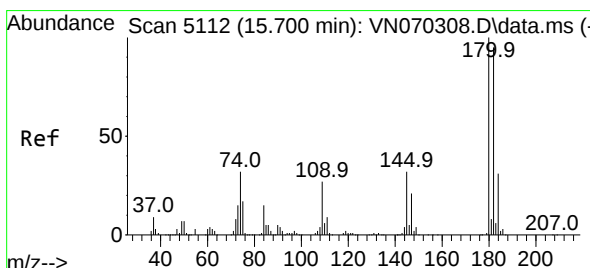
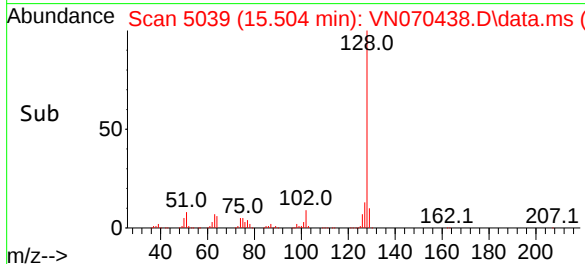
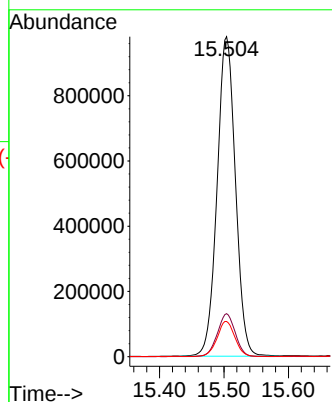
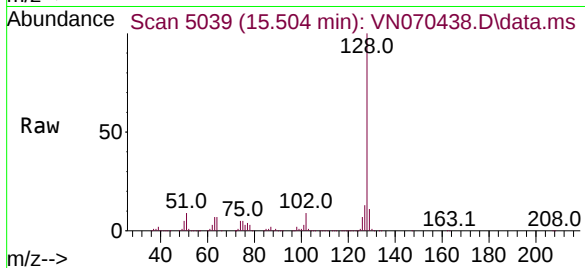
Tgt Ion:128 Resp: 1934056

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.978 ug/l

RT: 15.697 min Scan# 5111

Delta R.T. -0.003 min

Lab File: VN070438.D

Acq: 3 Jan 2022 15:36

Tgt Ion:180 Resp: 1527

Ion Ratio Lower Upper

180 100

182 105.2 47.4 142.2

145 0.0 15.0 45.1#

