

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070408.D
 Acq On : 30 Dec 2021 18:57
 Operator : JC/MD
 Sample : M5212-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-50

Quant Time: Dec 31 05:22:27 2021
 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	8.088	168	878322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1503615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1375591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	517632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	665991	52.737	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.480%	
35) Dibromofluoromethane	8.024	113	473170	52.010	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.020%	
50) Toluene-d8	10.443	98	1875995	50.478	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.960%	
62) 4-Bromofluorobenzene	12.731	95	719106	53.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.140%	

Target Compounds				Qvalue		
3) Chloromethane	2.303	50	5424	0.400	ug/l #	84
11) Tert butyl alcohol	5.371	59	1075	0.511	ug/l #	71
13) Acrolein	4.248	56	181153	106.178	ug/l #	80
14) Allyl chloride	5.074	41	926746	45.695	ug/l #	57
15) Acrylonitrile	5.613	53	12790	1.949	ug/l #	40
16) Acetone	4.248	43	612549	74.720	ug/l #	54
17) Carbon Disulfide	4.529	76	9907	0.406	ug/l	99
18) Methyl Acetate	5.074	43	2307837	97.320	ug/l #	51
19) Methyl tert-butyl Ether	5.623	73	20397	0.614	ug/l #	1
20) Methylene Chloride	5.058	84	10560	0.931	ug/l #	1
22) Diisopropyl ether	6.498	45	22898	0.580	ug/l #	86
25) 2-Butanone	7.337	43	43221	4.187	ug/l #	64
30) Chloroform	7.841	83	4181	0.212	ug/l #	1
31) Cyclohexane	8.094	56	154410	7.748	ug/l #	88
36) 1,1-Dichloropropene	8.088	75	72488	4.817	ug/l #	49
37) Ethyl Acetate	7.337	43	43221	2.216	ug/l #	69
38) Carbon Tetrachloride	8.088	117	85752	5.967	ug/l #	16
39) Methylcyclohexane	9.429	83	48247	2.648	ug/l #	1
40) Benzene	8.461	78	2210397	47.907	ug/l	99
41) Methacrylonitrile	7.656	41	9493	0.973	ug/l #	14
42) 1,2-Dichloroethane	8.461	62	19541	1.127	ug/l #	1
43) Isopropyl Acetate	8.558	43	122140	3.971	ug/l #	55
47) Bromodichloromethane	9.746	83	27310	1.780	ug/l #	25
48) Methyl methacrylate	9.595	41	22263	1.518	ug/l #	24
51) 4-Methyl-2-Pentanone	10.365	43	19224	0.995	ug/l #	52
52) Toluene	10.507	92	23698	0.849	ug/l	96
55) 1,1,2-Trichloroethane	10.877	97	81054	7.335	ug/l #	21
56) Ethyl methacrylate	10.781	69	8705	0.477	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.046	63	595	18.631	ug/l #	45
59) 2-Hexanone	11.092	43	3695	0.262	ug/l	83
67) Ethyl Benzene	11.846	91	1897836	35.489	ug/l	96
68) m/p-Xylenes	11.846	106	570605	29.313	ug/l #	13
70) Styrene	12.580	104	23595	0.770	ug/l #	1
71) Bromoform	12.733	173	3240	0.419	ug/l #	1
73) Isopropylbenzene	12.580	105	1057738	22.004	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.835	83	558	0.479	ug/l	79

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

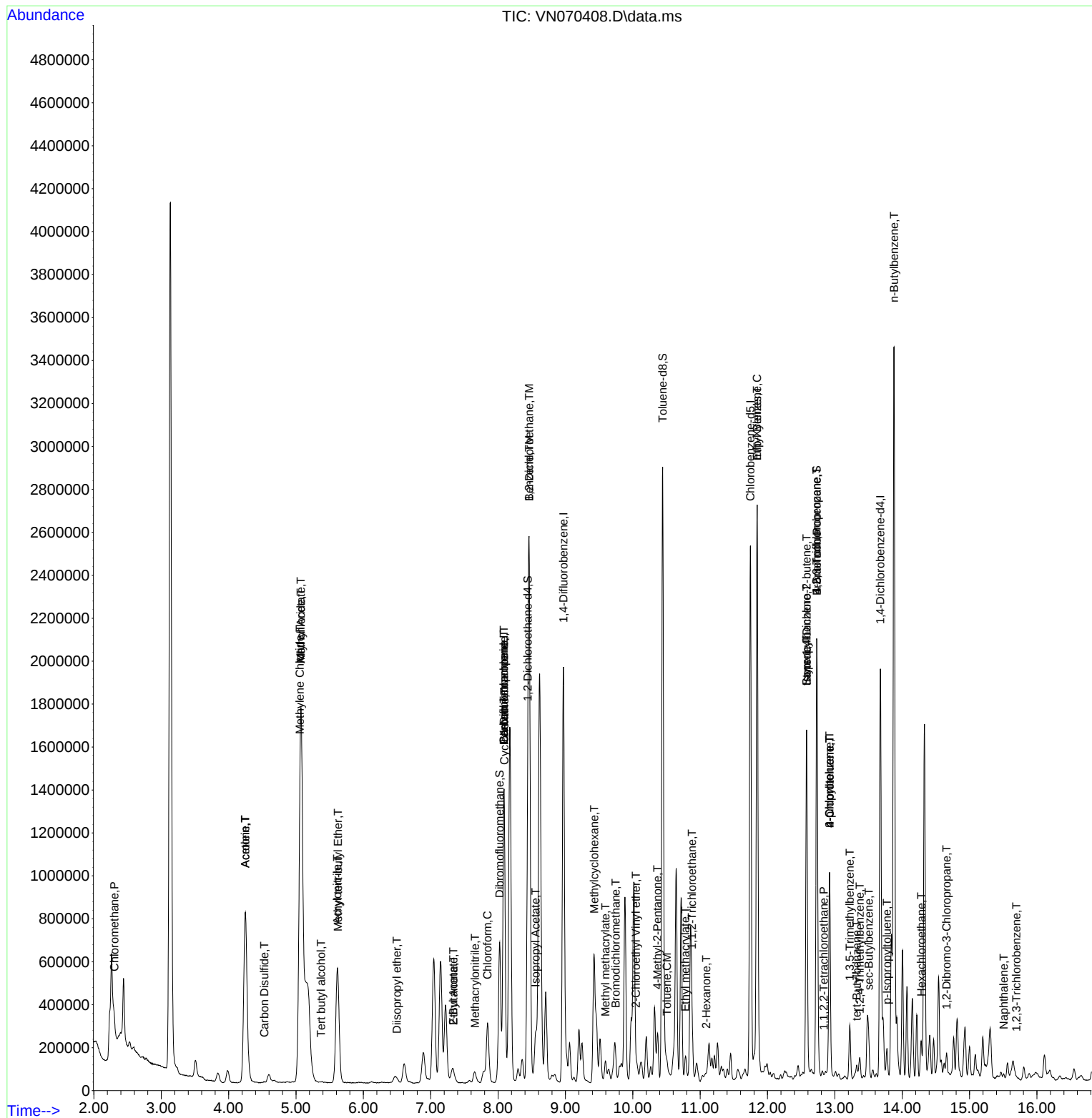
76) 1,2,3-Trichloropropane	12.731	75	384484	26.452	ug/l	#	1
78) n-propylbenzene	12.921	91	776135	14.572	ug/l		95
79) 2-Chlorotoluene	12.921	91	776135	22.712	ug/l	#	38
80) 1,3,5-Trimethylbenzene	13.221	105	162172	4.210	ug/l		73
81) trans-1,4-Dichloro-2-b...	12.580	75	13311	3.142	ug/l	#	74
82) 4-Chlorotoluene	12.921	91	776135	24.246	ug/l	#	38
83) tert-Butylbenzene	13.323	119	27336	0.806	ug/l		91
84) 1,2,4-Trimethylbenzene	13.372	105	53377	1.439	ug/l		99
85) sec-Butylbenzene	13.503	105	110720	2.404	ug/l	#	35
86) p-Isopropyltoluene	13.771	119	73004	2.018	ug/l		97
89) n-Butylbenzene	13.879	91	262181	8.689	ug/l	#	44
90) Hexachloroethane	14.281	117	72033	11.462	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.656	75	739	0.265	ug/l	#	5
95) Naphthalene	15.507	128	21028	2.656	ug/l	#	92
96) 1,2,3-Trichlorobenzene	15.694	180	1996	1.067	ug/l	#	73

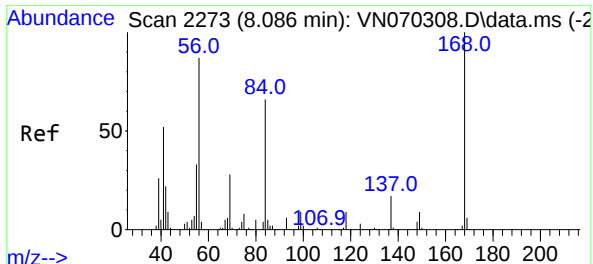
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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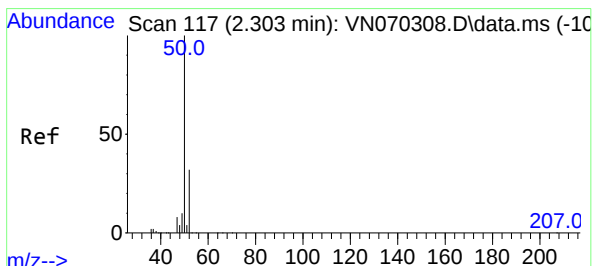
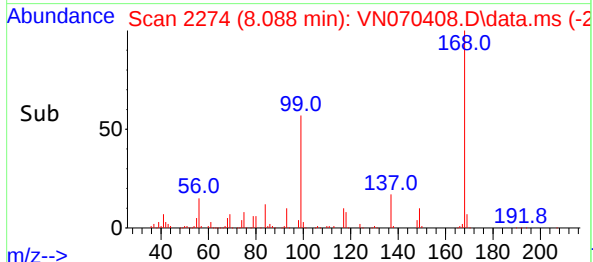
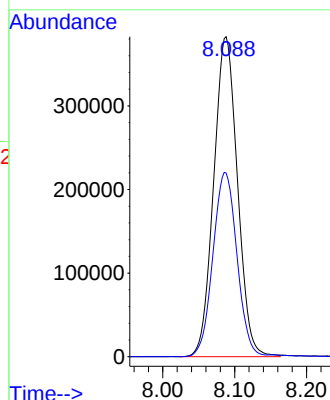
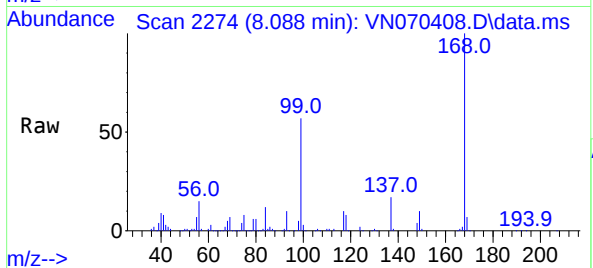




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

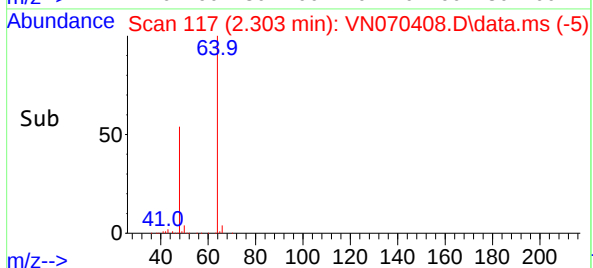
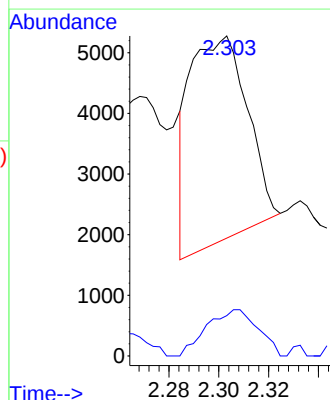
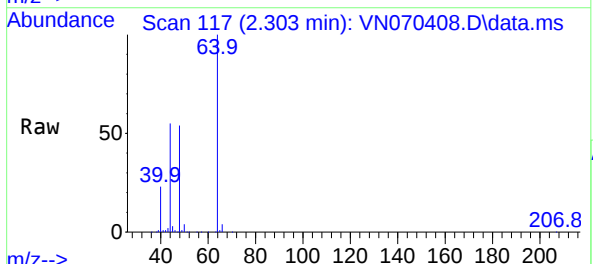
Instrument :
MSVOA_N
ClientSampleId :
MW-50

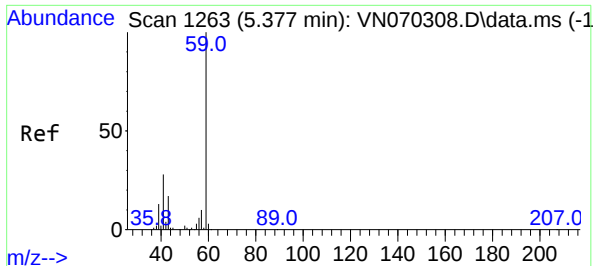
Tgt Ion:168 Resp: 878322
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#3
Chloromethane
Concen: 0.400 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 50 Resp: 5424
Ion Ratio Lower Upper
50 100
52 22.8 25.4 38.0#





#11

Tert butyl alcohol

Concen: 0.511 ug/l

RT: 5.371 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN070408.D

Acq: 30 Dec 2021 18:57

Instrument :

MSVOA_N

ClientSampleId :

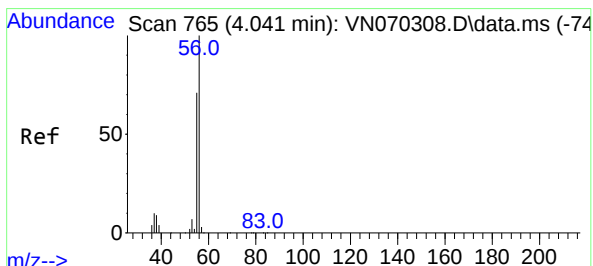
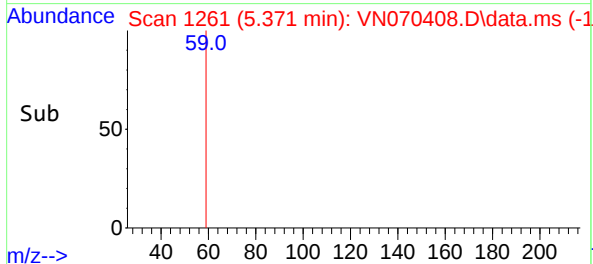
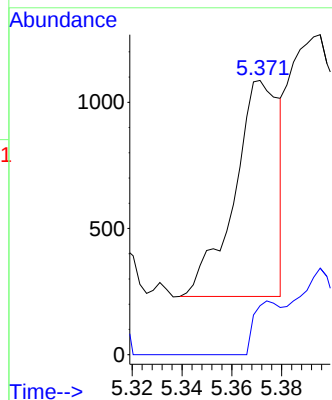
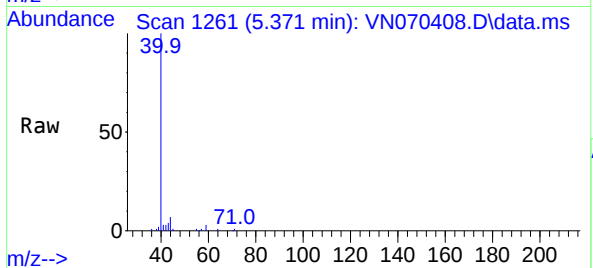
MW-50

Tgt Ion: 59 Resp: 1075

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 106.178 ug/l

RT: 4.248 min Scan# 842

Delta R.T. 0.207 min

Lab File: VN070408.D

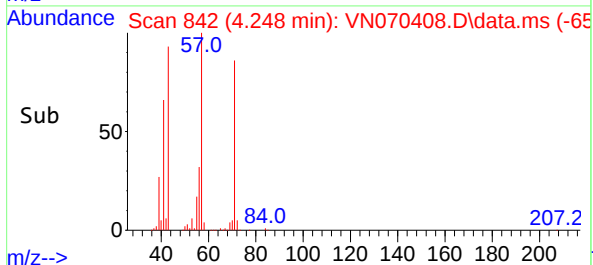
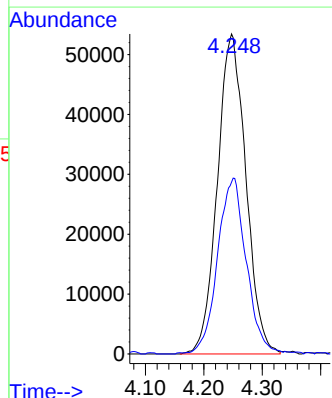
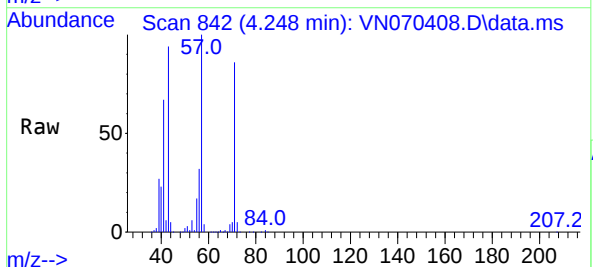
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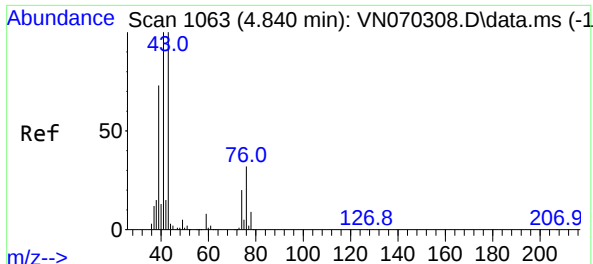
Tgt Ion: 56 Resp: 181153

Ion Ratio Lower Upper

56 100

55 54.2 56.6 85.0#

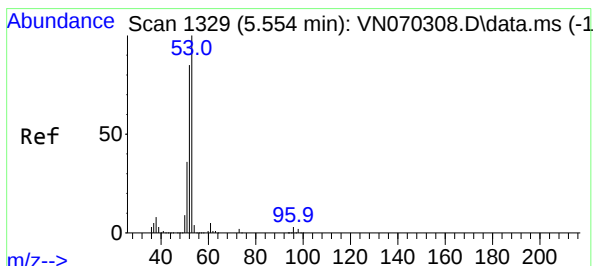
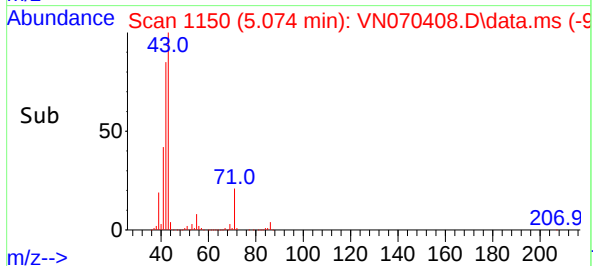
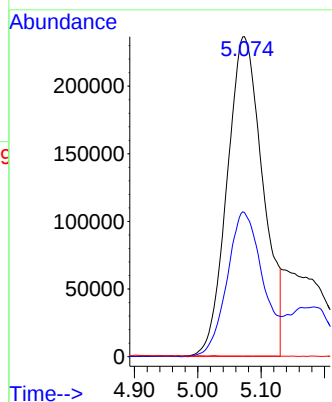
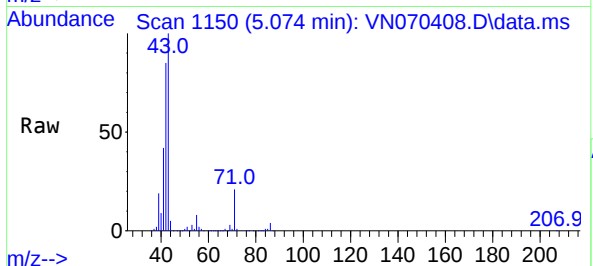




#14
 Allyl chloride
 Concen: 45.695 ug/l
 RT: 5.074 min Scan# 1150
 Delta R.T. 0.234 min
 Lab File: VN070408.D
 Acq: 30 Dec 2021 18:57

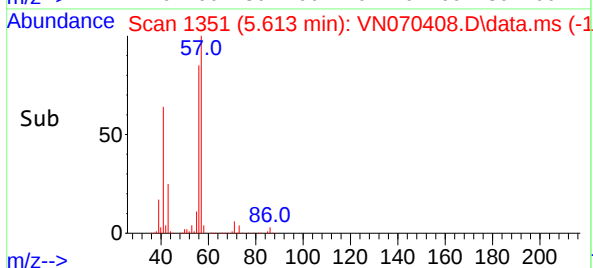
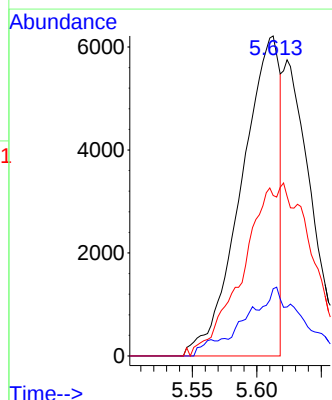
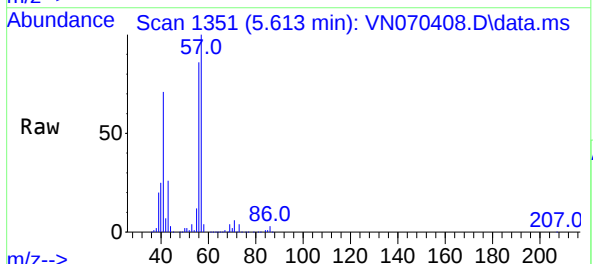
Instrument :
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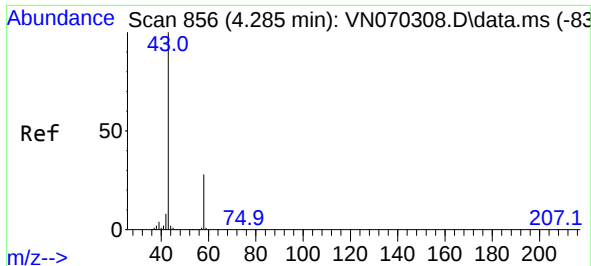
Tgt Ion: 41 Resp: 926746
 Ion Ratio Lower Upper
 41 100
 39 45.2 61.2 91.8#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 1.949 ug/l
 RT: 5.613 min Scan# 1351
 Delta R.T. 0.059 min
 Lab File: VN070408.D
 Acq: 30 Dec 2021 18:57

Tgt Ion: 53 Resp: 12790
 Ion Ratio Lower Upper
 53 100
 52 12.2 66.2 99.2#
 51 48.7 29.6 44.4#

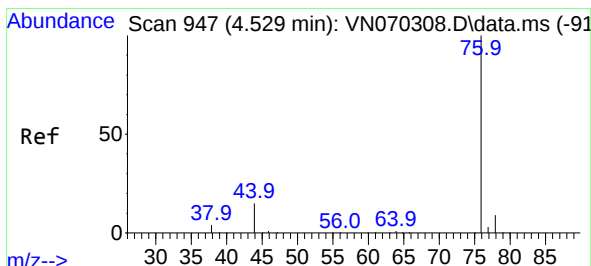
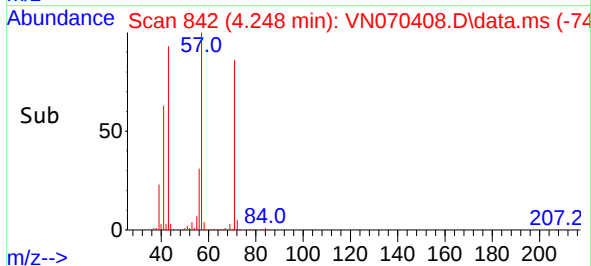
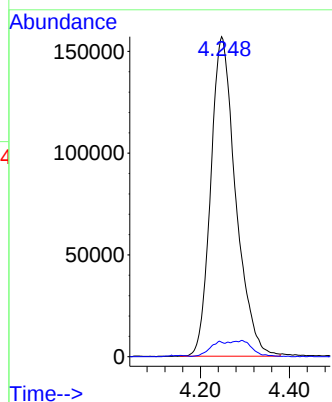
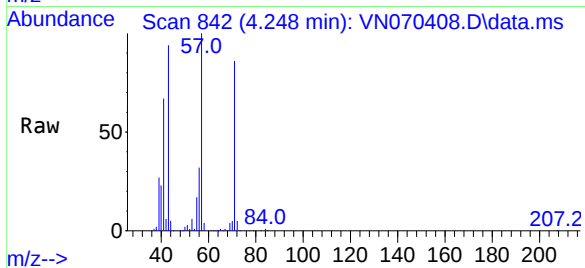




#16
Acetone
Concen: 74.720 ug/l
RT: 4.248 min Scan# 842
Delta R.T. -0.037 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

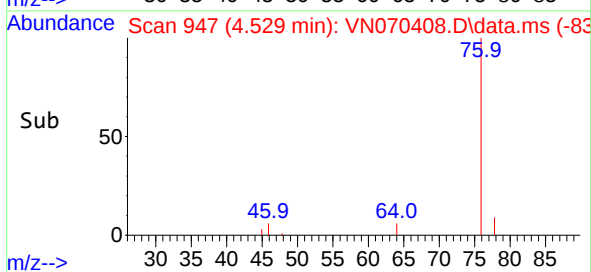
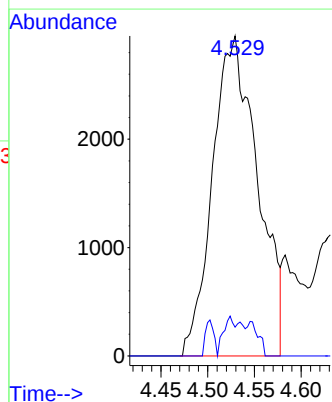
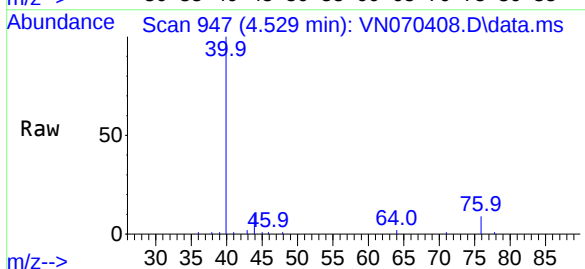
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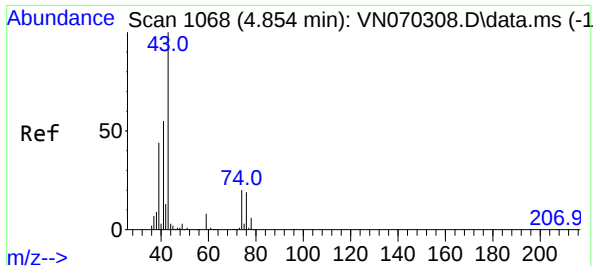
Tgt Ion: 43 Resp: 612549
Ion Ratio Lower Upper
43 100
58 4.3 23.1 34.7#



#17
Carbon Disulfide
Concen: 0.406 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 76 Resp: 9907
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3





#18

Methyl Acetate

Concen: 97.320 ug/l

RT: 5.074 min Scan# 1150

Delta R.T. 0.220 min

Lab File: VN070408.D

Acq: 30 Dec 2021 18:57

Instrument :

MSVOA_N

ClientSampleId :

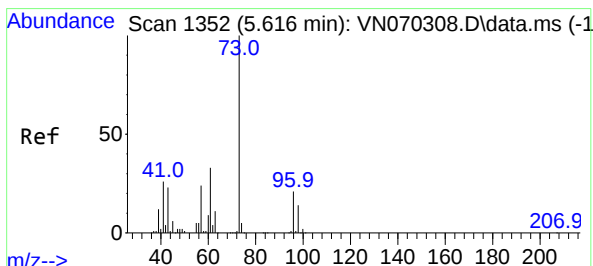
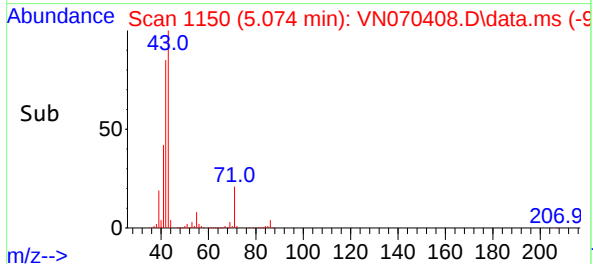
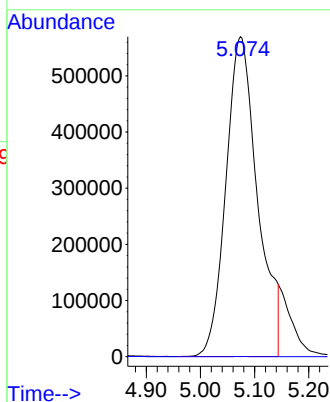
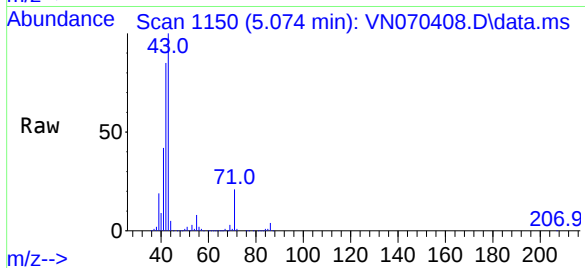
MW-50

Tgt Ion: 43 Resp: 2307837

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 0.614 ug/l

RT: 5.623 min Scan# 1355

Delta R.T. 0.007 min

Lab File: VN070408.D

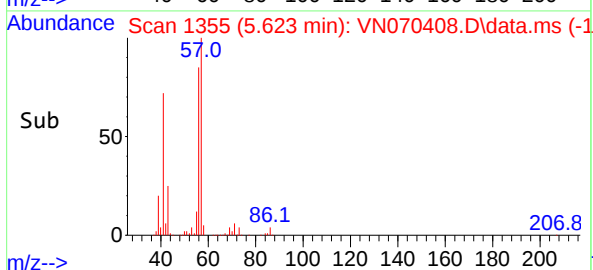
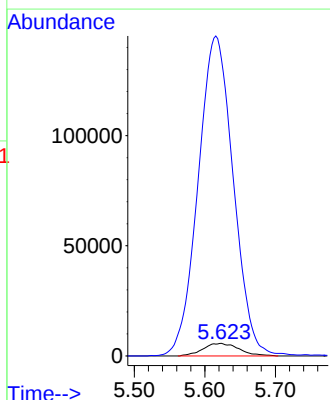
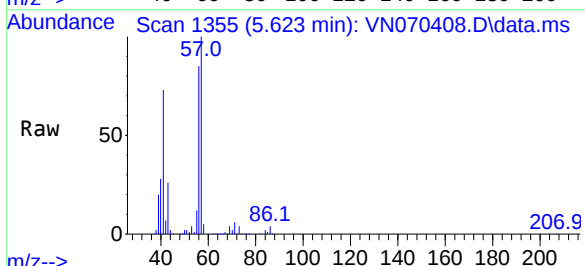
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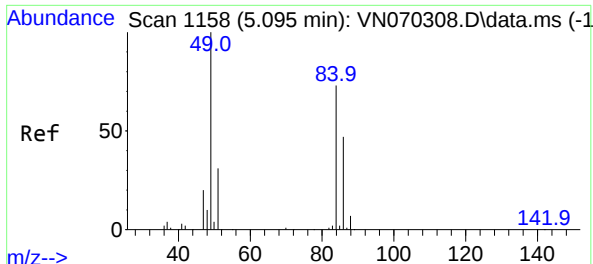
Tgt Ion: 73 Resp: 20397

Ion Ratio Lower Upper

73 100

57 2336.7 16.8 25.2#

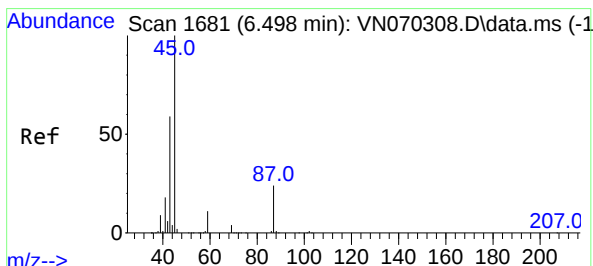
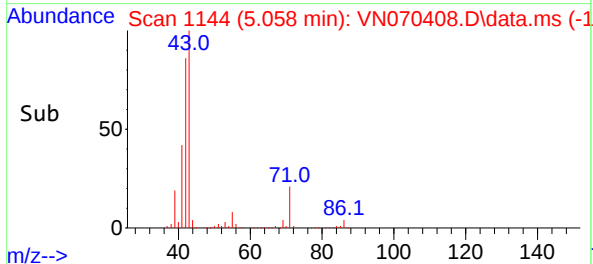
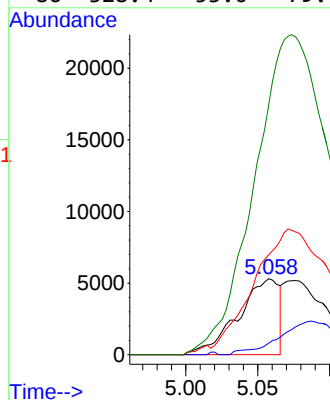
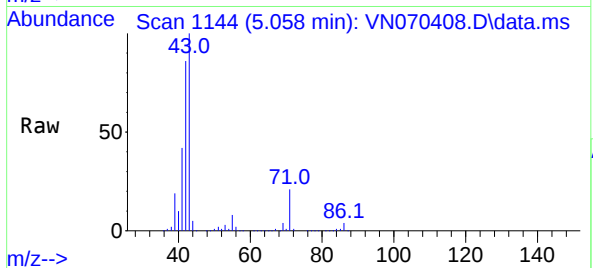




#20
Methylene Chloride
Concen: 0.931 ug/l
RT: 5.058 min Scan# 1158
Delta R.T. -0.037 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

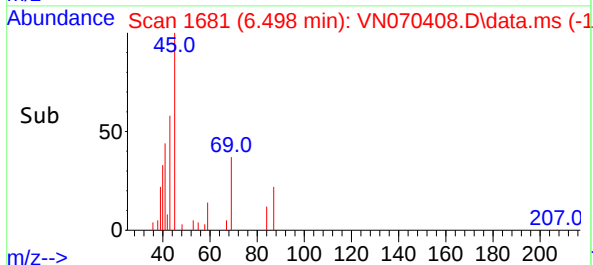
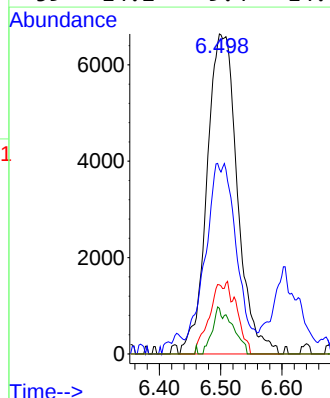
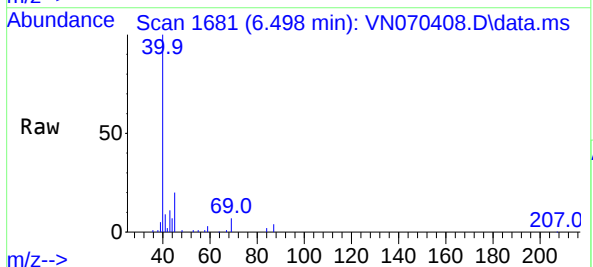
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ClientSampleId :
MW-50

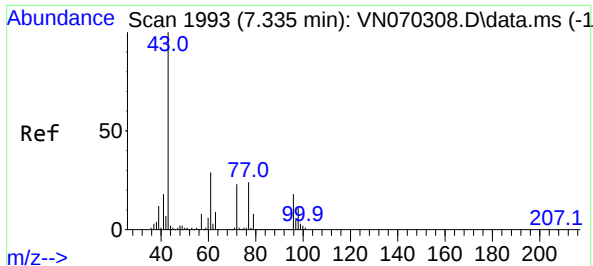
Tgt Ion:	84	Resp:	10560
Ion	Ratio	Lower	Upper
84	100		
49	15.3	93.5	140.3#
51	131.4	29.4	44.2#
86	328.4	53.0	79.4#



#22
Diisopropyl ether
Concen: 0.580 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion:	45	Resp:	22898
Ion	Ratio	Lower	Upper
45	100		
43	52.2	51.7	77.5
87	21.6	23.2	34.8#
59	14.2	9.4	14.0#

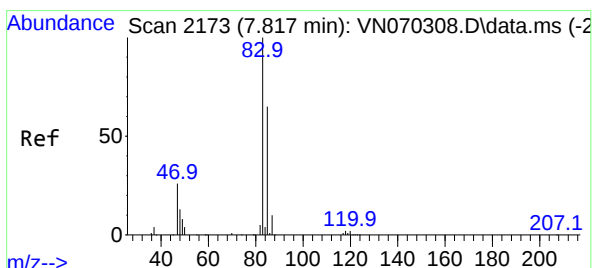
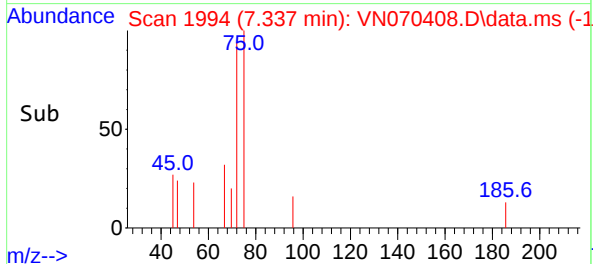
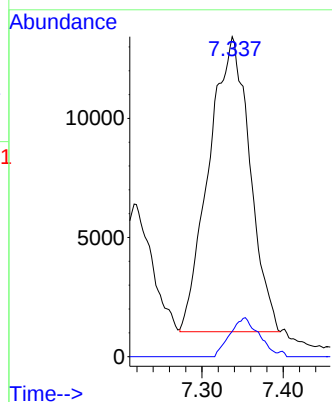
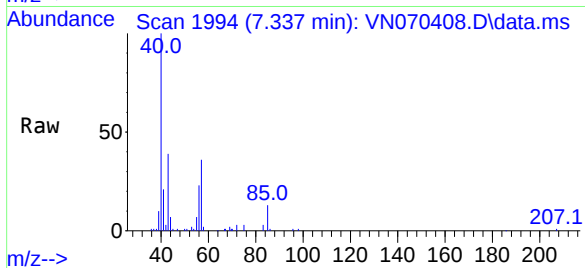




#25
2-Butanone
Concen: 4.187 ug/l
RT: 7.337 min Scan# 1993
Delta R.T. 0.002 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

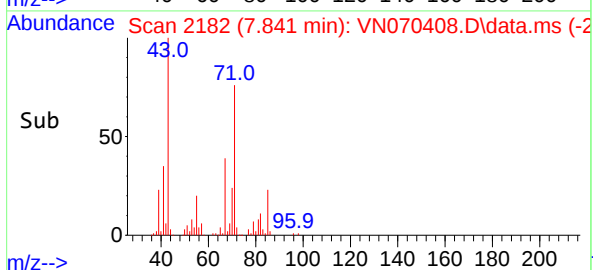
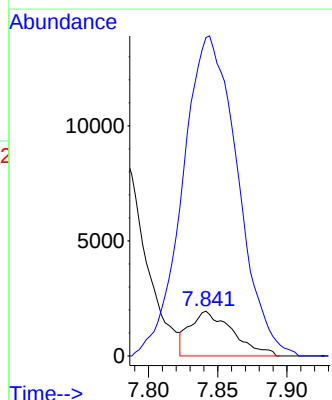
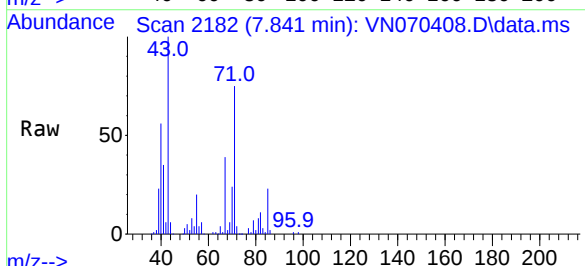
Instrument :
MSVOA_N
ClientSampleId :
MW-50

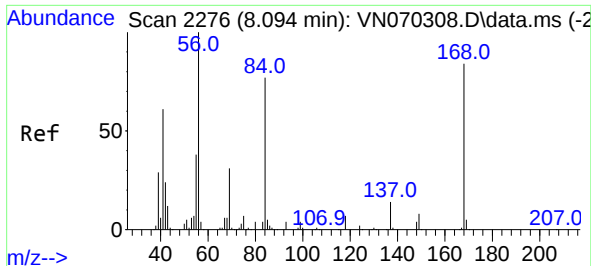
Tgt Ion: 43 Resp: 43221
Ion Ratio Lower Upper
43 100
72 8.5 21.7 32.5#



#30
Chloroform
Concen: 0.212 ug/l
RT: 7.841 min Scan# 2182
Delta R.T. 0.024 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 83 Resp: 4181
Ion Ratio Lower Upper
83 100
85 685.8 51.9 77.9#

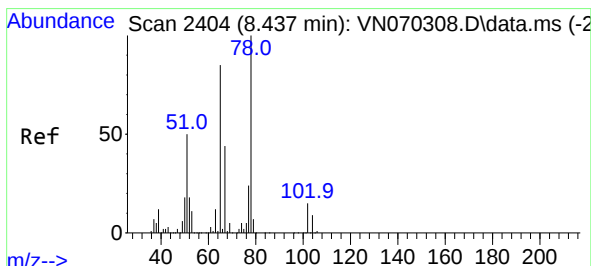
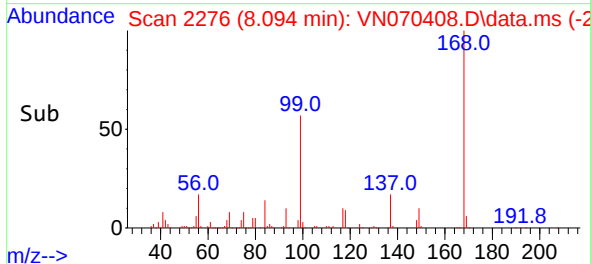
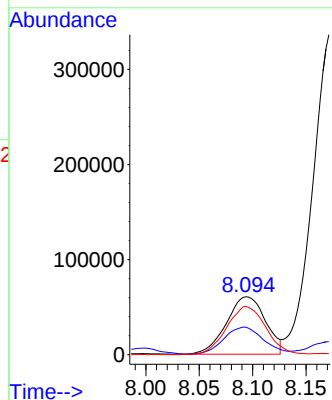
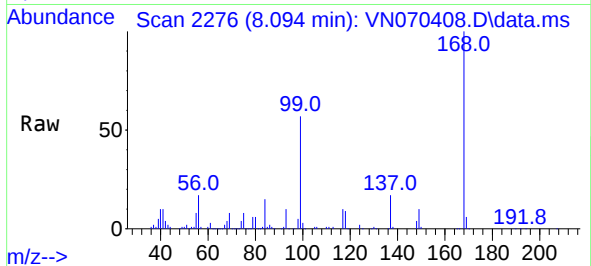




#31
Cyclohexane
Concen: 7.748 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

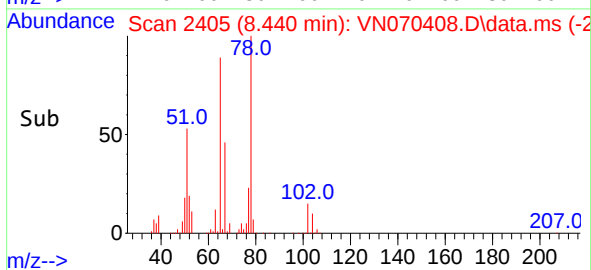
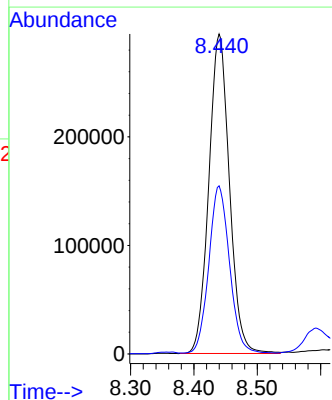
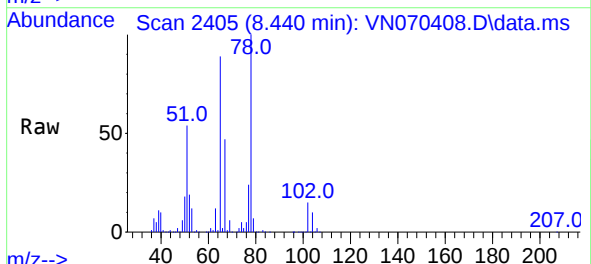
Instrument :
MSVOA_N
ClientSampleId :
MW-50

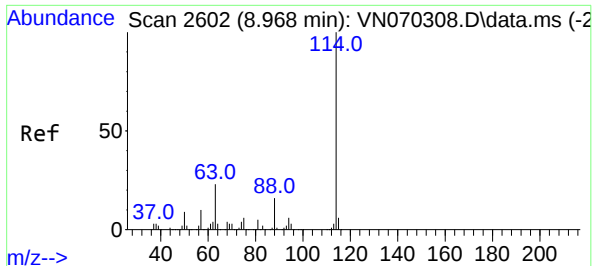
Tgt Ion: 56 Resp: 154410
Ion Ratio Lower Upper
56 100
69 46.2 27.1 40.7#
84 84.0 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 52.737 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 65 Resp: 665991
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

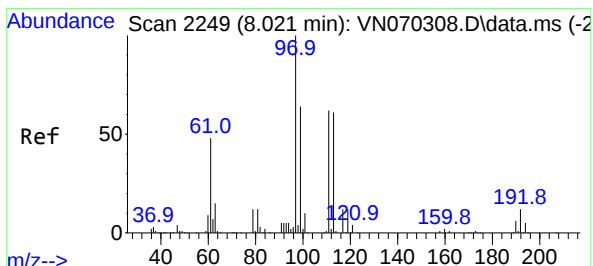
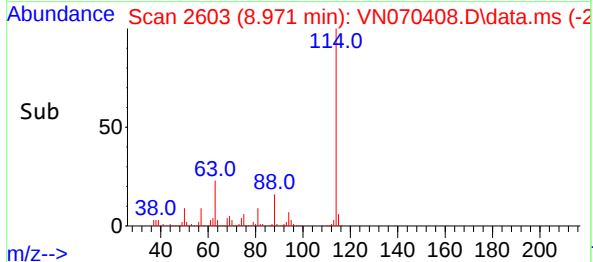
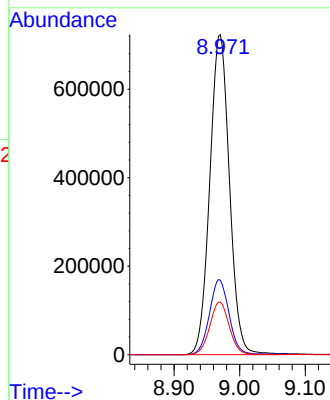
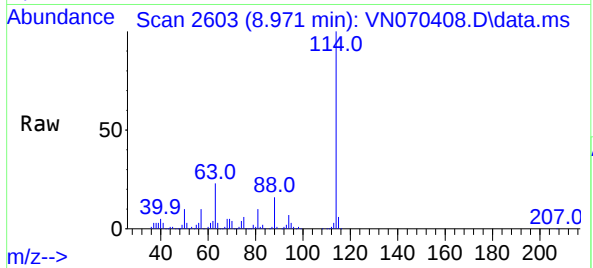




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

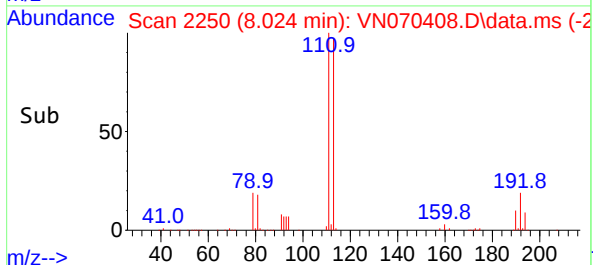
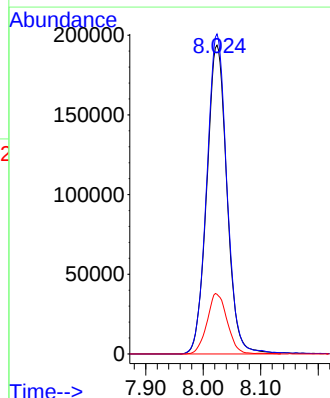
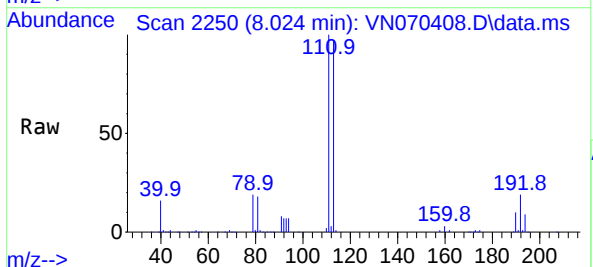
Instrument :
MSVOA_N
ClientSampleId :
MW-50

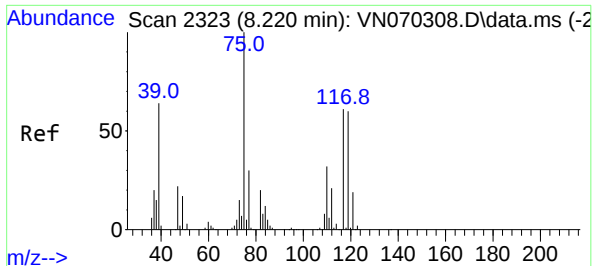
Tgt Ion:114 Resp: 1503615
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 52.010 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion:113 Resp: 473170
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.4 16.9 25.3

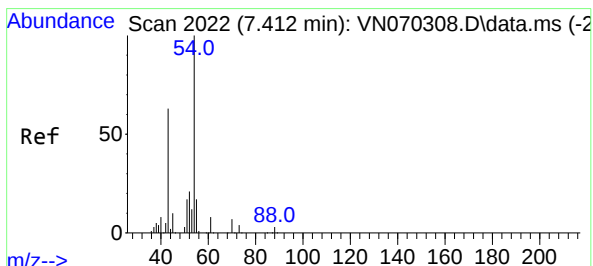
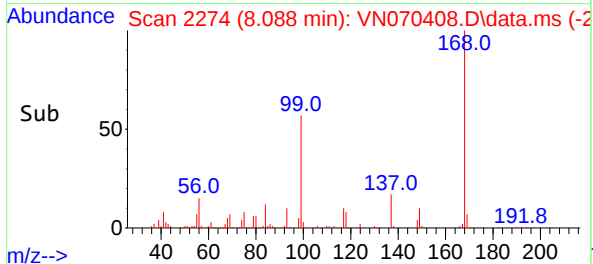
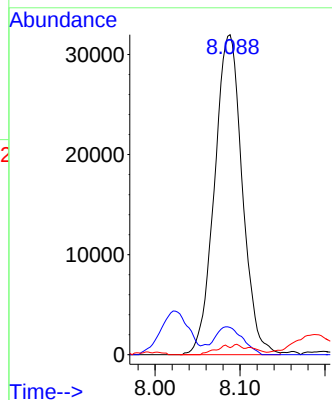
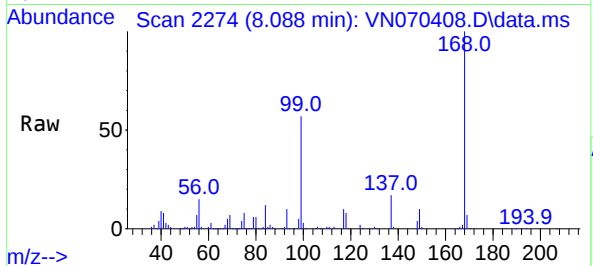




#36
1,1-Dichloropropene
Concen: 4.817 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.132 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

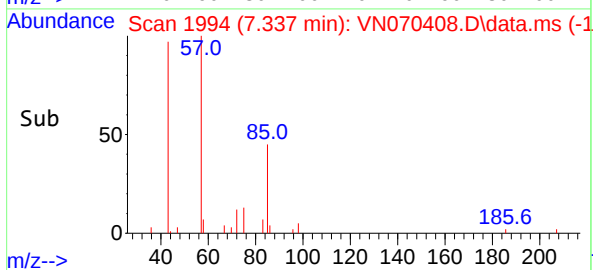
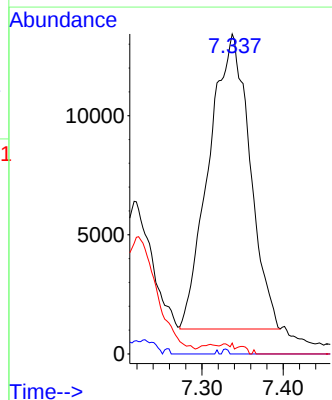
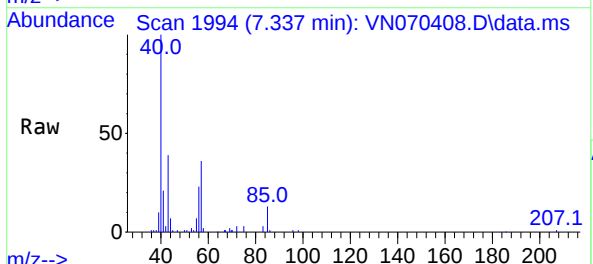
Instrument :
MSVOA_N
ClientSampleId :
MW-50

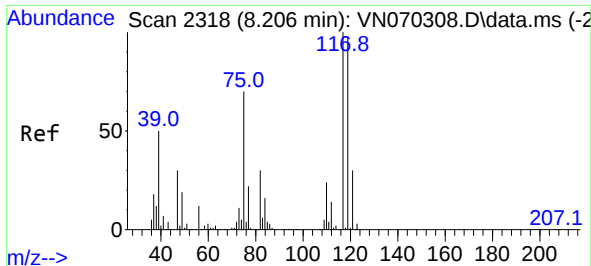
Tgt Ion: 75 Resp: 72488
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.216 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. -0.075 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 43 Resp: 43221
Ion Ratio Lower Upper
43 100
61 0.2 11.5 17.3#
70 0.0 7.9 11.9#

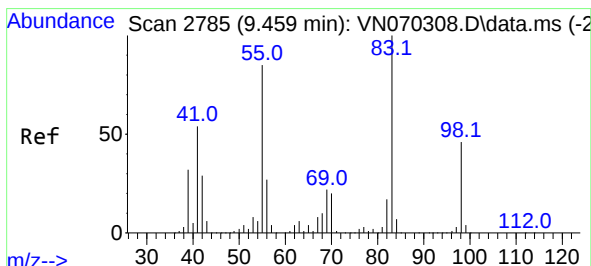
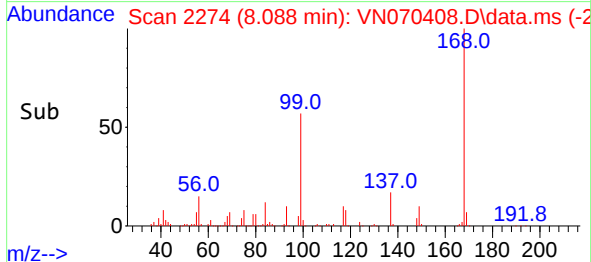
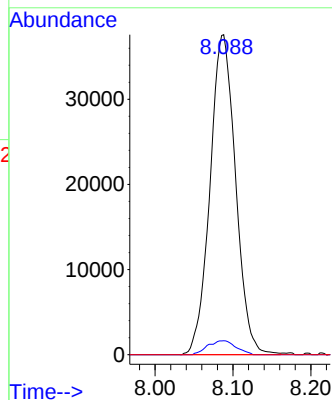
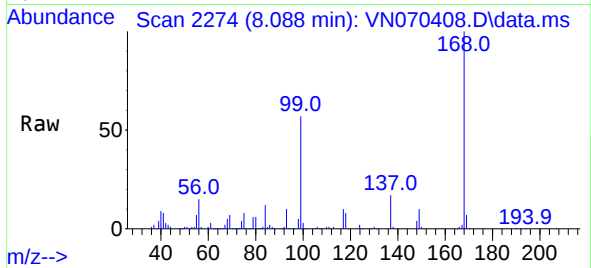




#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 8.088 min Scan# 2117
Delta R.T. -0.118 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

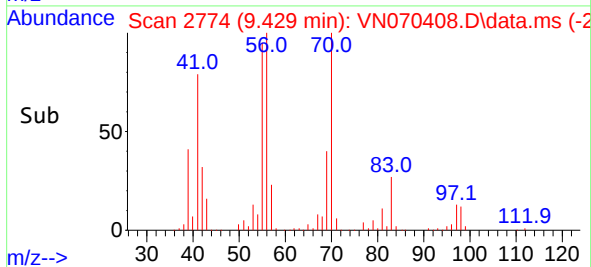
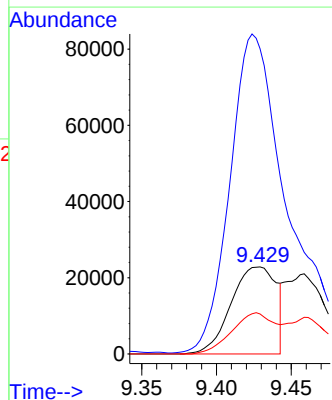
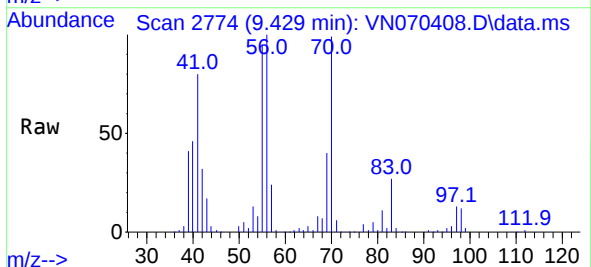
Instrument :
MSVOA_N
ClientSampleId :
MW-50

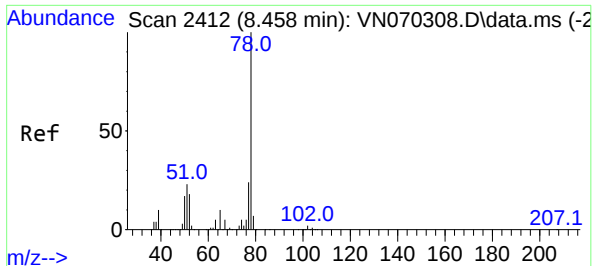
Tgt Ion:117 Resp: 85752
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 2.648 ug/l
RT: 9.429 min Scan# 2774
Delta R.T. -0.030 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 83 Resp: 48247
Ion Ratio Lower Upper
83 100
55 348.7 58.1 87.1#
98 46.0 38.4 57.6

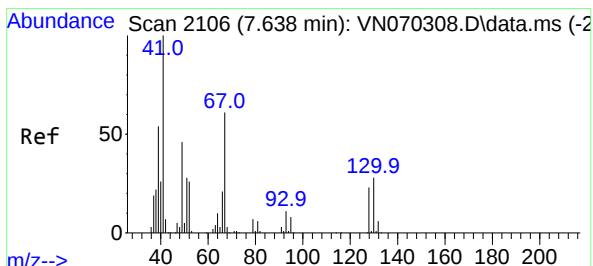
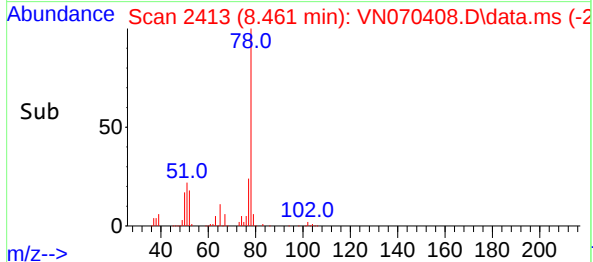
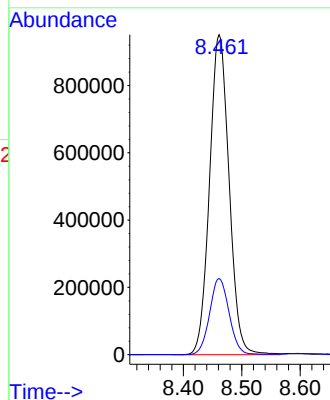
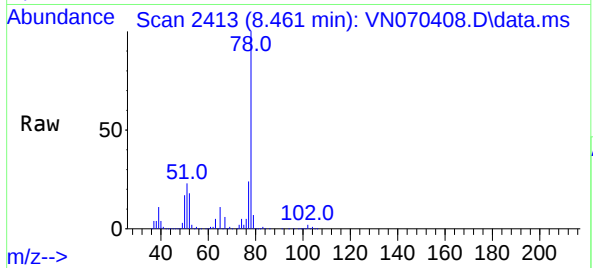




#40
Benzene
Concen: 47.907 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.003 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

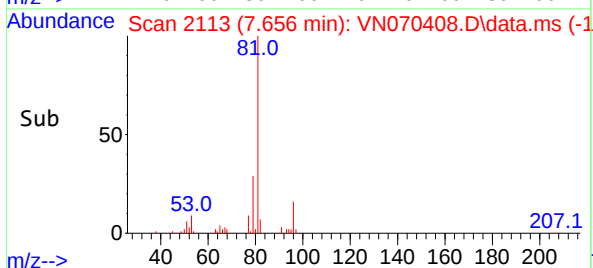
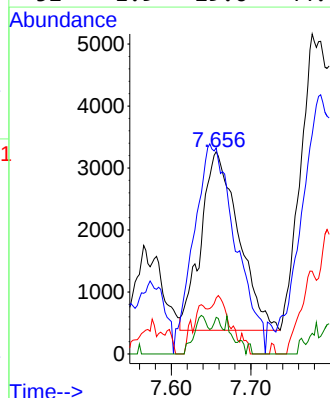
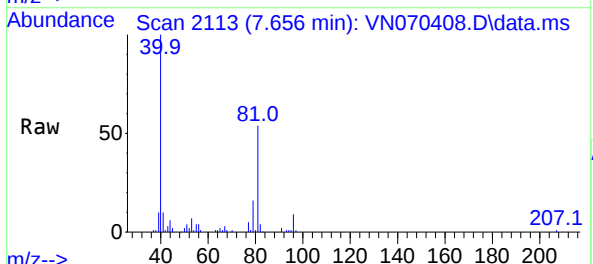
Instrument :
MSVOA_N
ClientSampleId :
MW-50

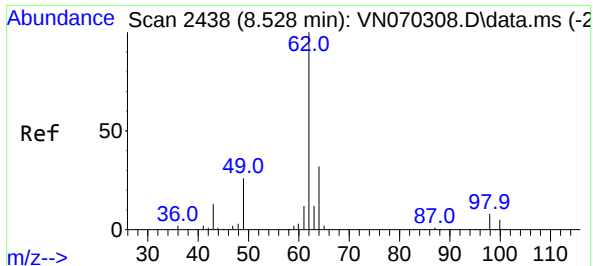
Tgt Ion: 78 Resp: 2210397
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8



#41
Methacrylonitrile
Concen: 0.973 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. 0.018 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 41 Resp: 9493
Ion Ratio Lower Upper
41 100
39 130.0 48.1 72.1#
67 0.0 68.3 102.5#
52 1.9 29.6 44.4#

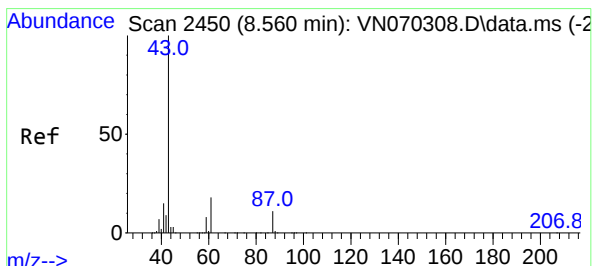
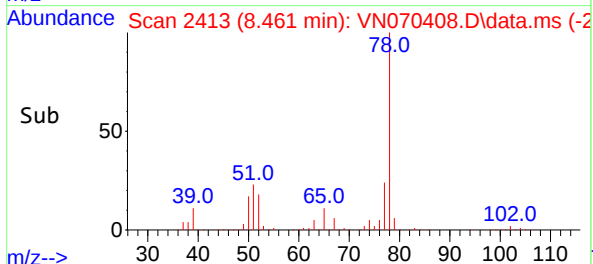
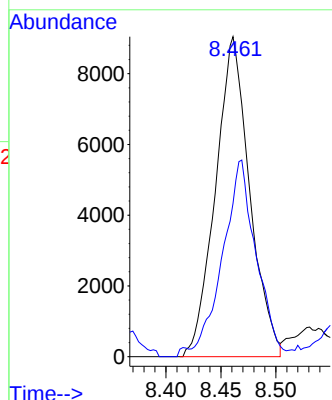
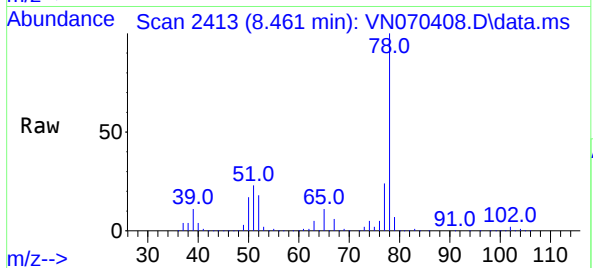




#42
1,2-Dichloroethane
Concen: 1.127 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.067 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

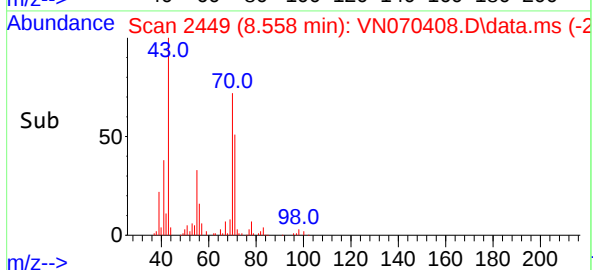
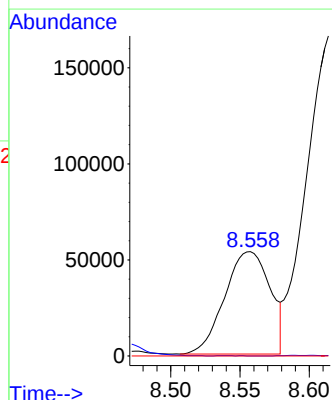
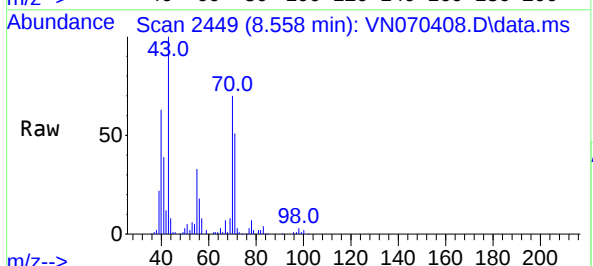
Instrument :
MSVOA_N
ClientSampleId :
MW-50

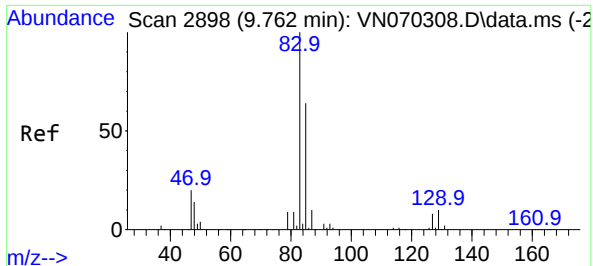
Tgt Ion: 62 Resp: 19541
Ion Ratio Lower Upper
62 100
98 55.0 0.0 17.6#



#43
Isopropyl Acetate
Concen: 3.971 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 43 Resp: 122140
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

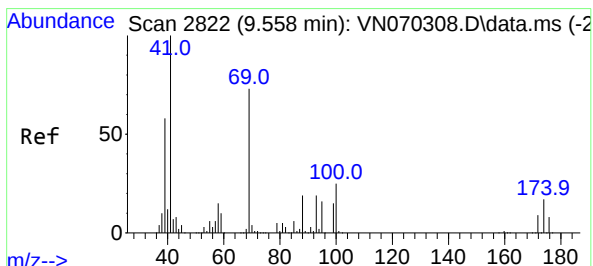
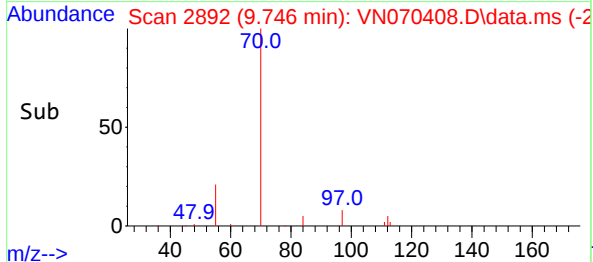
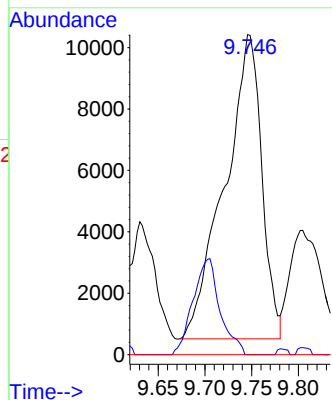
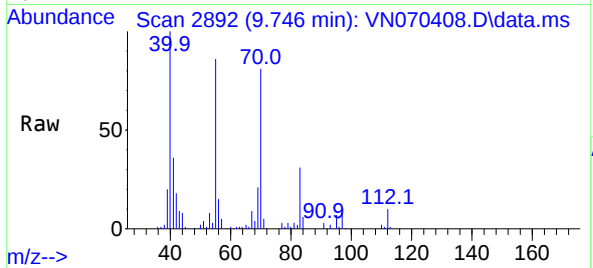




#47
Bromodichloromethane
Concen: 1.780 ug/l
RT: 9.746 min Scan# 2835
Delta R.T. -0.016 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

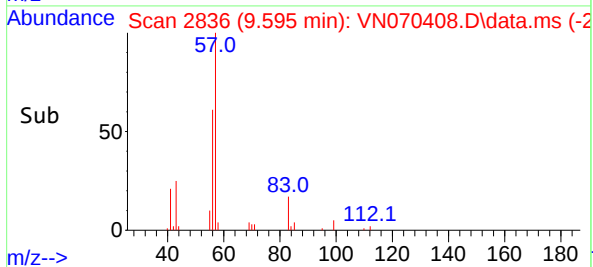
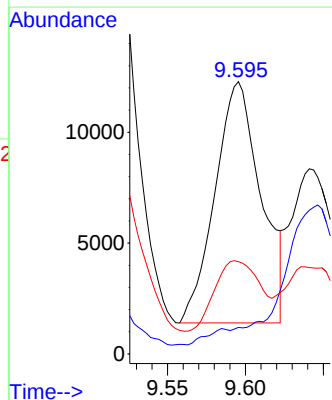
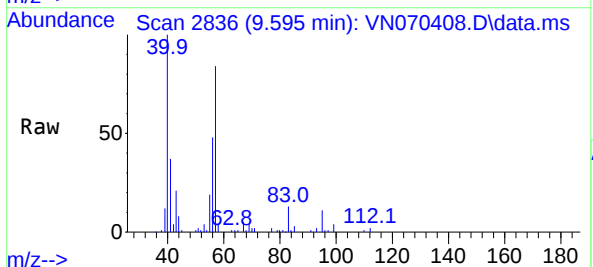
Instrument :
MSVOA_N
ClientSampleId :
MW-50

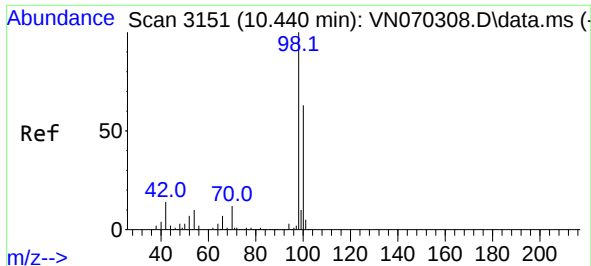
Tgt Ion: 83 Resp: 27310
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 1.518 ug/l
RT: 9.595 min Scan# 2836
Delta R.T. 0.037 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 41 Resp: 22263
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 29.0 58.4 87.6#

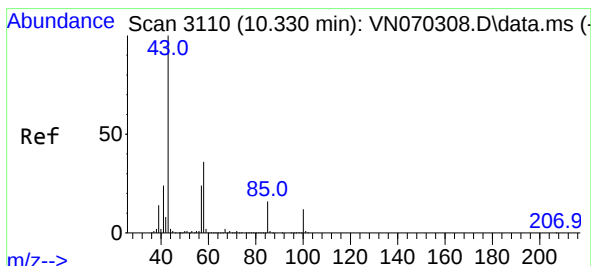
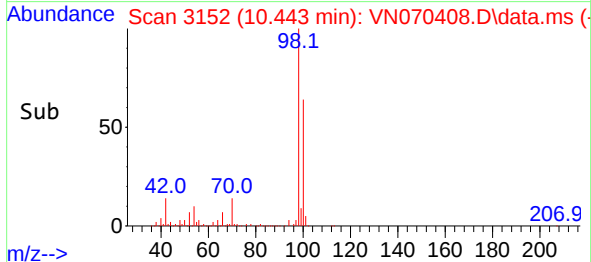
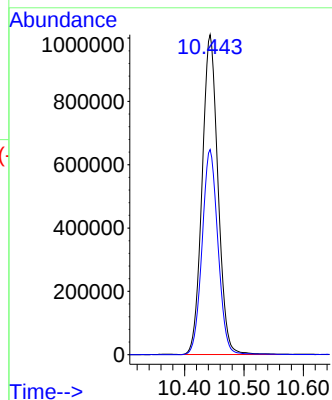
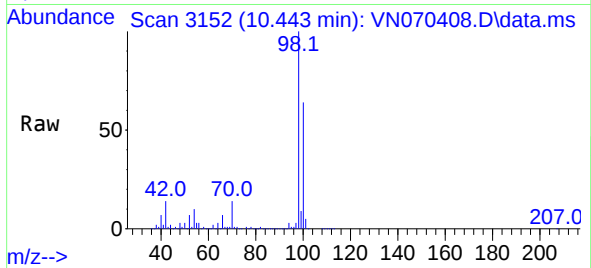




#50
Toluene-d8
Concen: 50.478 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

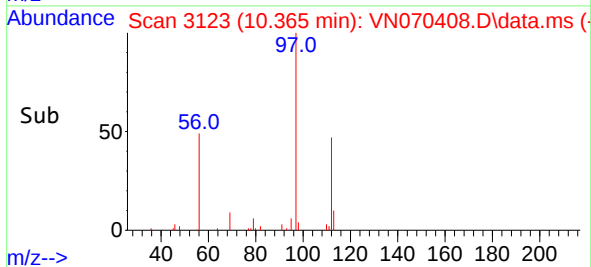
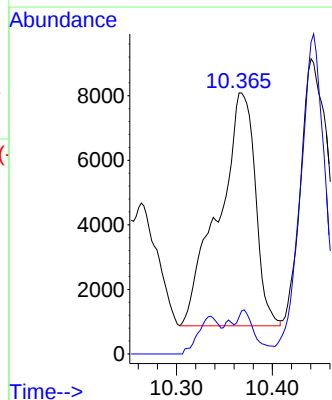
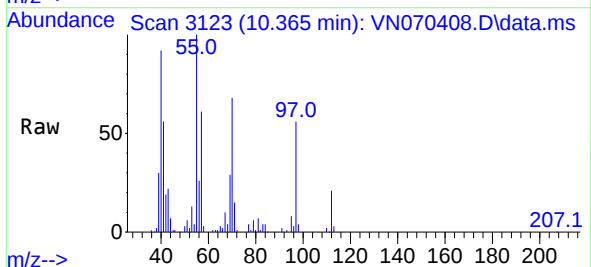
Instrument :
MSVOA_N
ClientSampleId :
MW-50

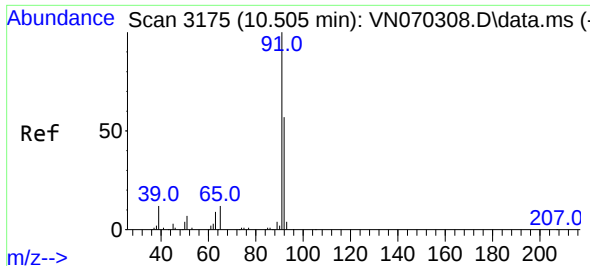
Tgt Ion: 98 Resp: 1875995
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.995 ug/l
RT: 10.365 min Scan# 3123
Delta R.T. 0.035 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 43 Resp: 19224
Ion Ratio Lower Upper
43 100
58 9.1 30.4 45.6#

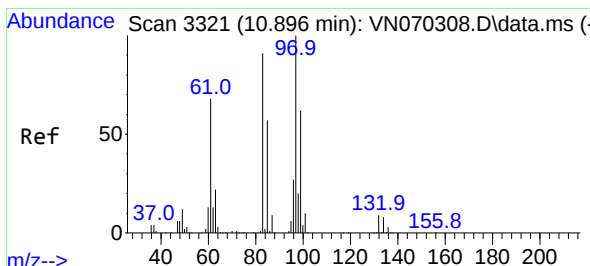
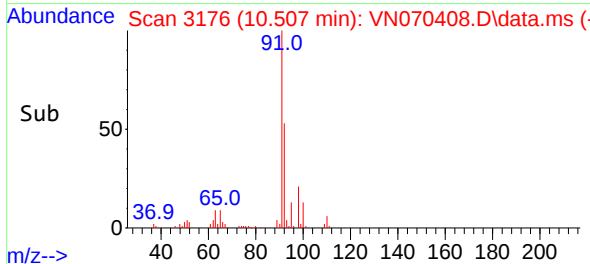
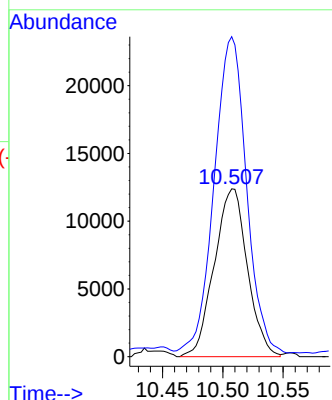
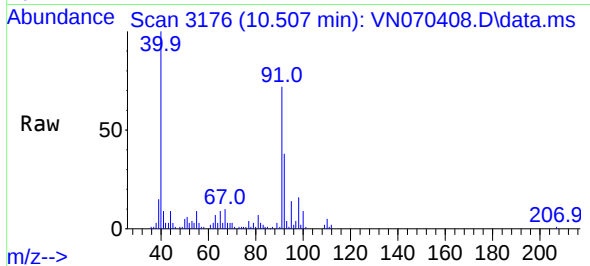




#52
Toluene
Concen: 0.849 ug/l
RT: 10.507 min Scan# 3175
Delta R.T. 0.002 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

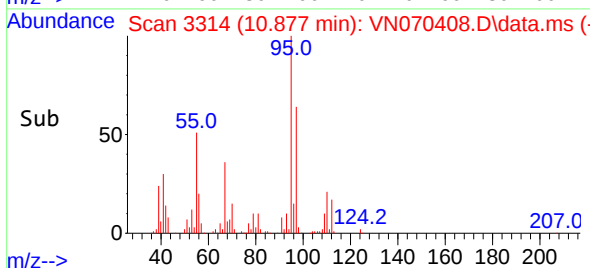
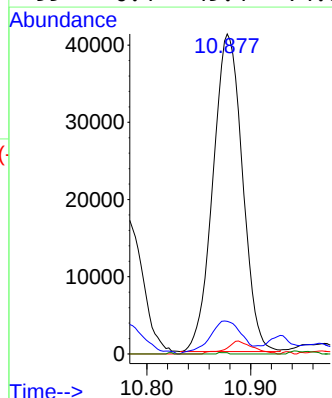
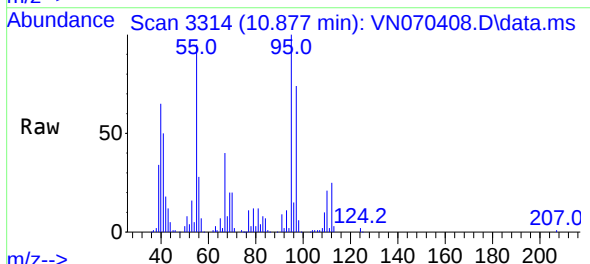
Instrument :
MSVOA_N
ClientSampleId :
MW-50

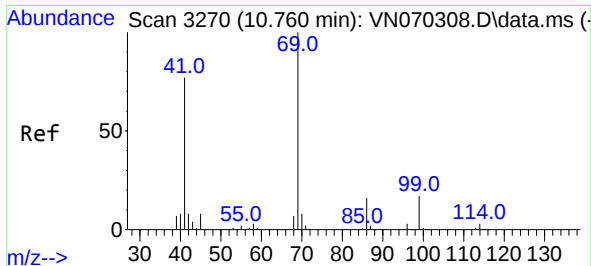
Tgt Ion: 92 Resp: 23698
Ion Ratio Lower Upper
92 100
91 182.6 142.0 213.0



#55
1,1,2-Trichloroethane
Concen: 7.335 ug/l
RT: 10.877 min Scan# 3314
Delta R.T. -0.019 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 97 Resp: 81054
Ion Ratio Lower Upper
97 100
83 10.3 67.8 101.6#
85 1.9 45.4 68.2#
99 0.4 49.4 74.0#

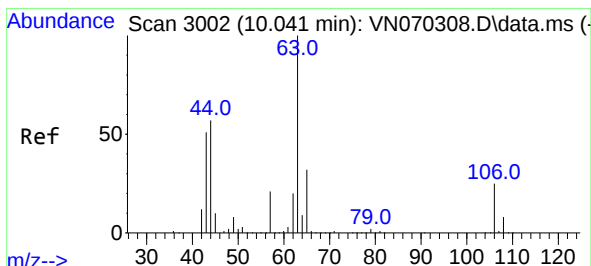
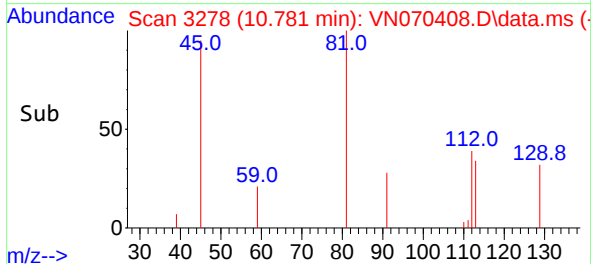
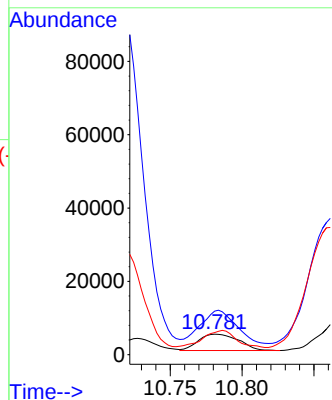
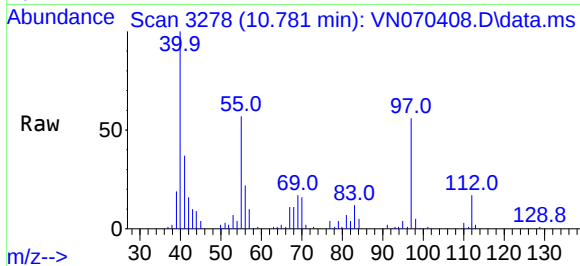




#56
Ethyl methacrylate
Concen: 0.477 ug/l
RT: 10.781 min Scan# 31
Delta R.T. 0.021 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

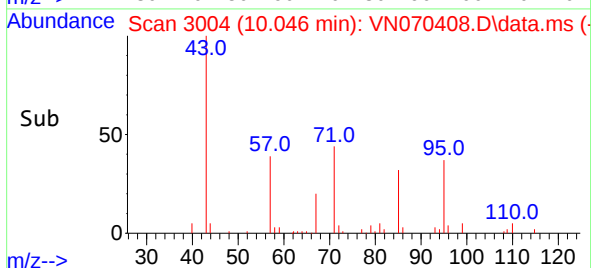
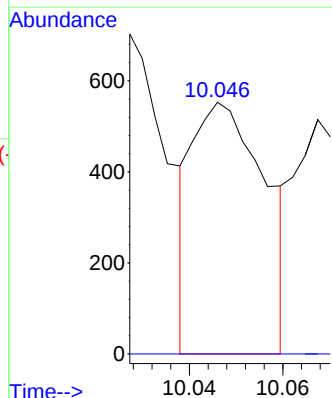
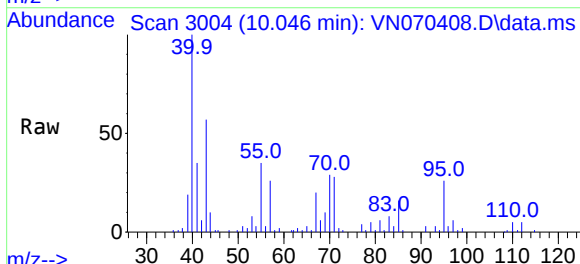
Instrument :
MSVOA_N
ClientSampleId :
MW-50

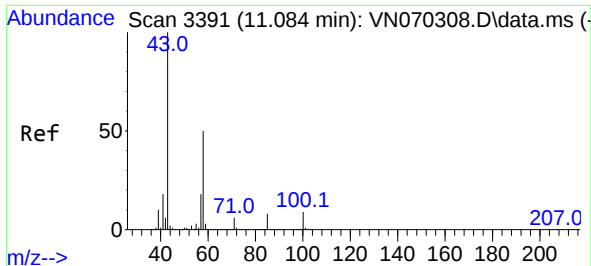
Tgt Ion: 69 Resp: 8705
Ion Ratio Lower Upper
69 100
41 215.6 51.4 77.0#
39 97.1 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.631 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.005 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 63 Resp: 595
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

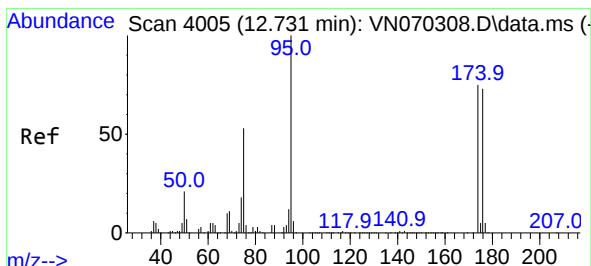
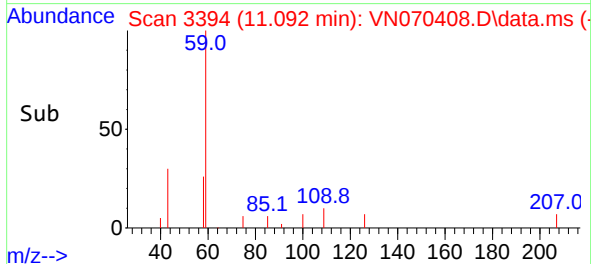
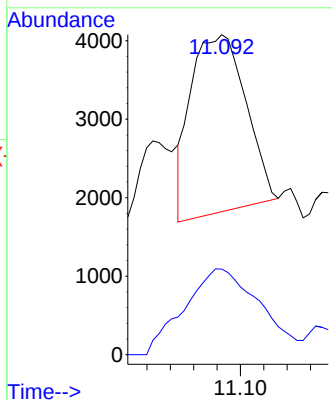
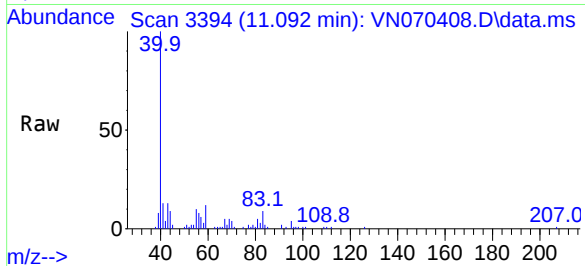




#59
2-Hexanone
Concen: 0.262 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

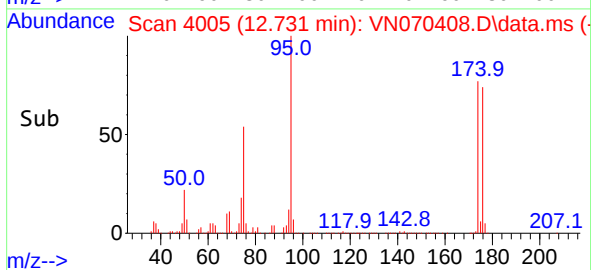
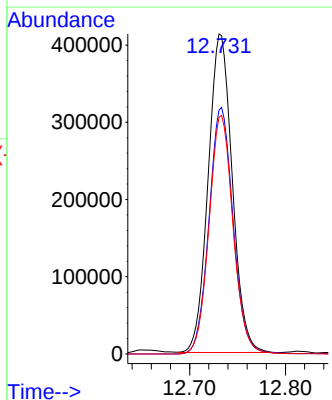
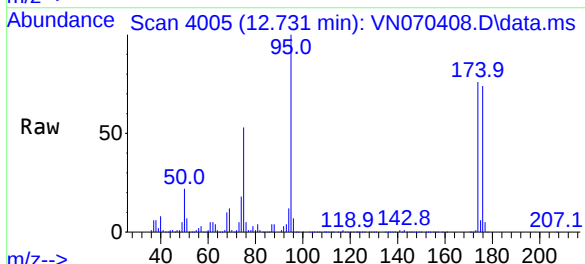
Instrument :
MSVOA_N
ClientSampleId :
MW-50

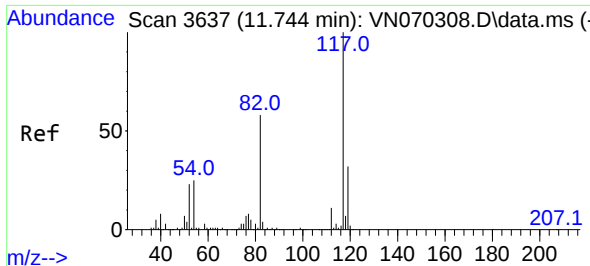
Tgt Ion: 43 Resp: 3695
Ion Ratio Lower Upper
43 100
58 66.2 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 53.572 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 95 Resp: 719106
Ion Ratio Lower Upper
95 100
174 77.7 0.0 187.2
176 74.7 0.0 181.4



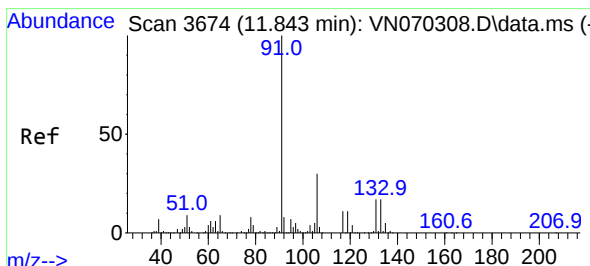
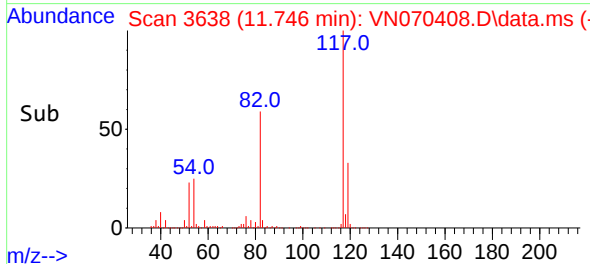
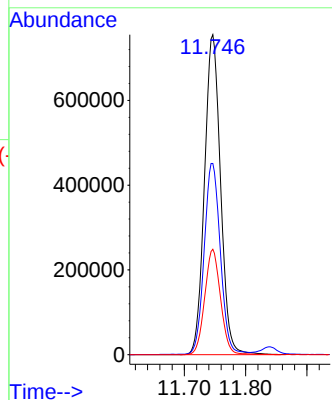
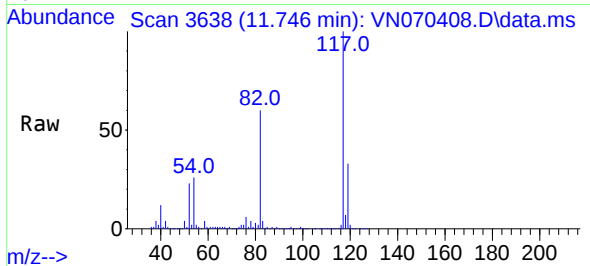


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3637
Delta R.T. 0.002 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Instrument :
MSVOA_N
ClientSampleId :
MW-50

Tgt Ion:117 Resp: 1375591

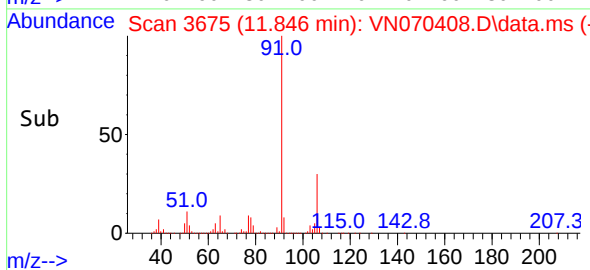
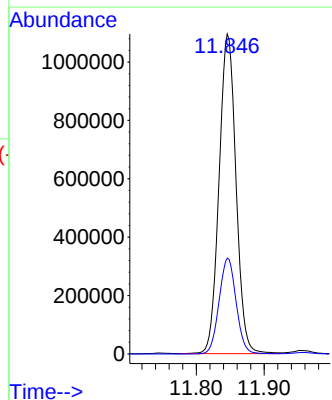
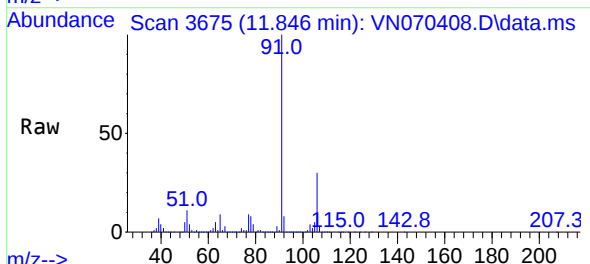
Ion	Ratio	Lower	Upper
117	100		
82	59.6	42.4	63.6
119	32.9	25.4	38.2

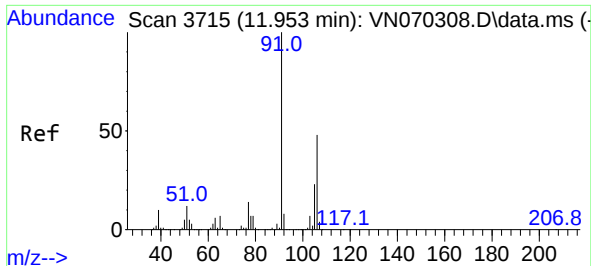


#67
Ethyl Benzene
Concen: 35.489 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 91 Resp: 1897836

Ion	Ratio	Lower	Upper
91	100		
106	30.0	25.7	38.5

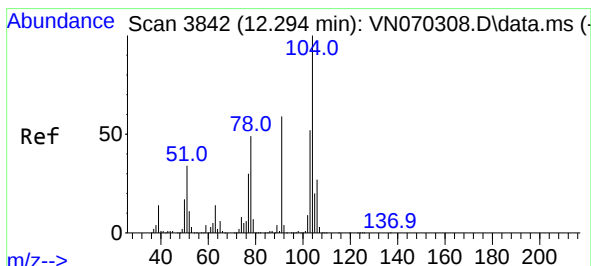
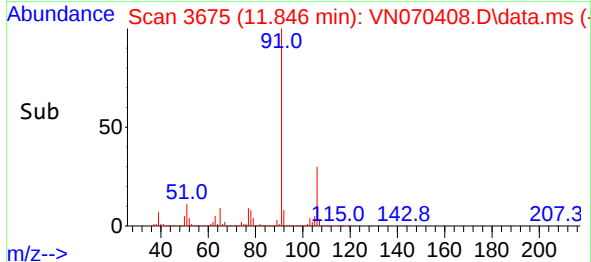
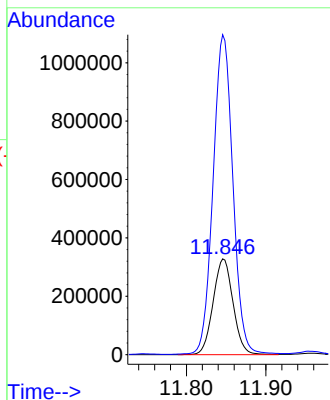
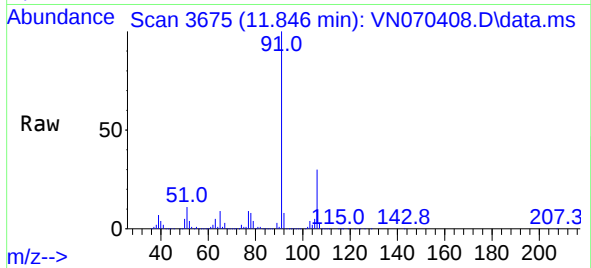




#68
m/p-Xylenes
Concen: 29.313 ug/l
RT: 11.846 min Scan# 309
Delta R.T. -0.107 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

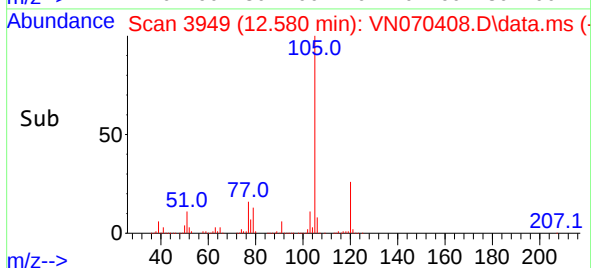
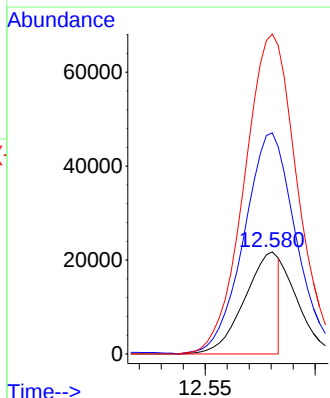
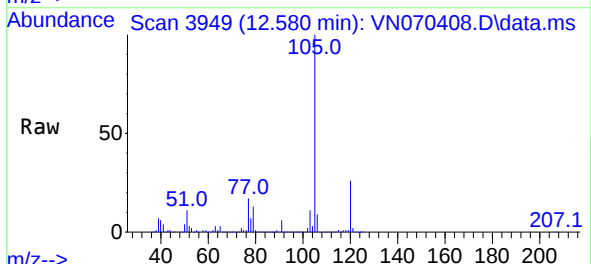
Instrument :
MSVOA_N
ClientSampleId :
MW-50

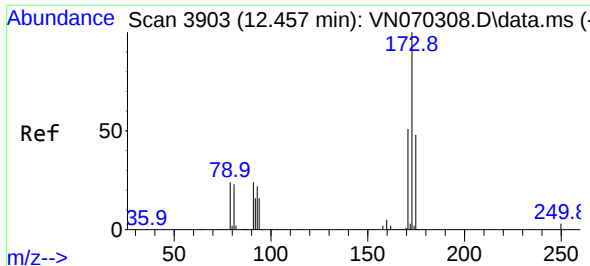
Tgt Ion:106 Resp: 570605
Ion Ratio Lower Upper
106 100
91 332.6 160.6 240.8#



#70
Styrene
Concen: 0.770 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. 0.286 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion:104 Resp: 23595
Ion Ratio Lower Upper
104 100
78 221.3 38.7 58.1#
103 318.6 45.0 67.6#

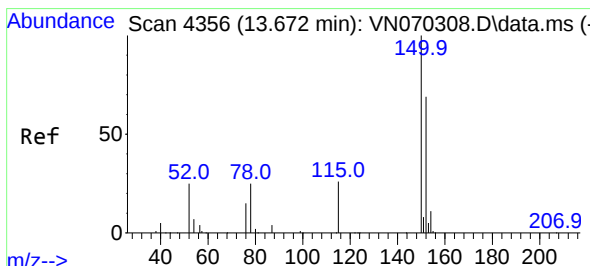
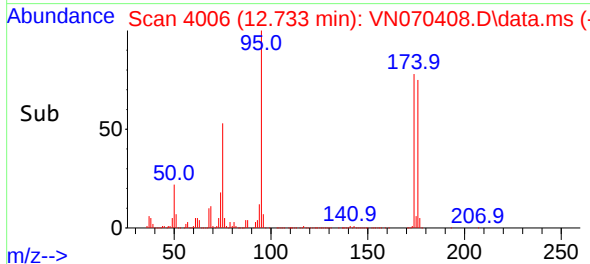
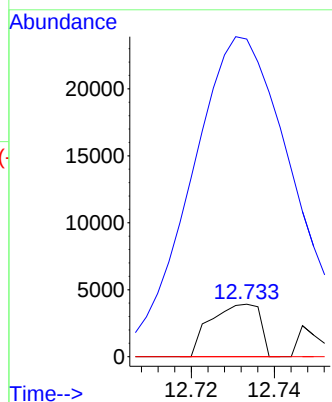
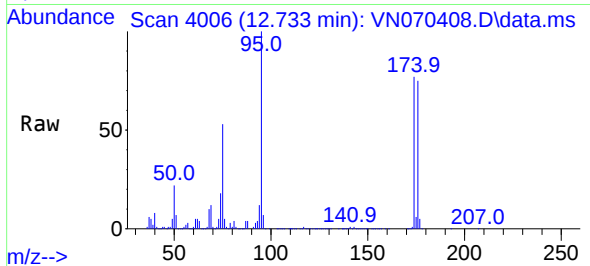




#71
Bromoform
Concen: 0.419 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.276 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

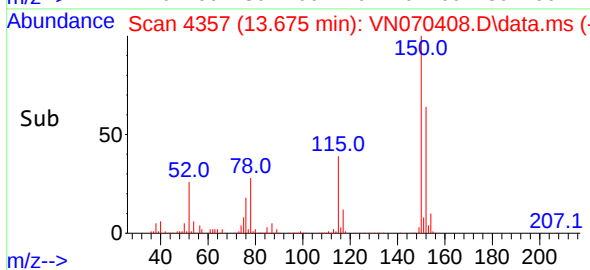
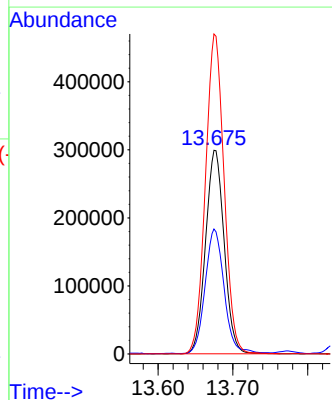
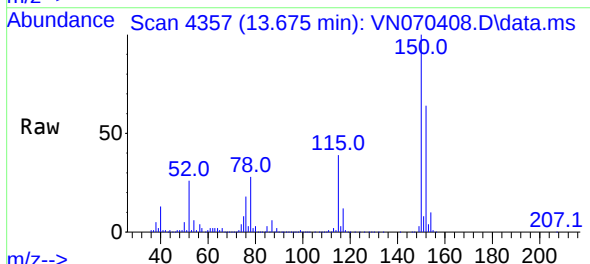
Instrument :
MSVOA_N
ClientSampleId :
MW-50

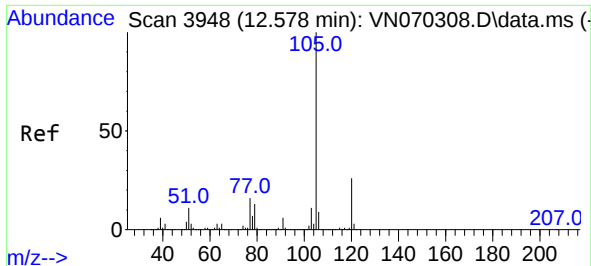
Tgt Ion:173 Resp: 3240
Ion Ratio Lower Upper
173 100
175 1156.6 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion:152 Resp: 517632
Ion Ratio Lower Upper
152 100
115 62.5 27.5 82.5
150 157.0 0.0 344.4

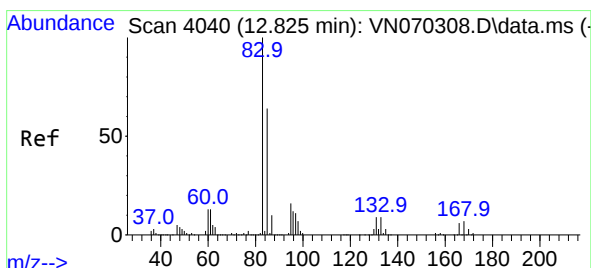
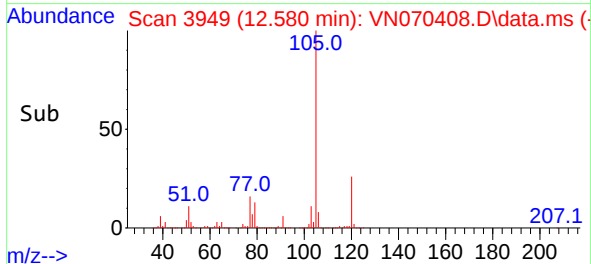
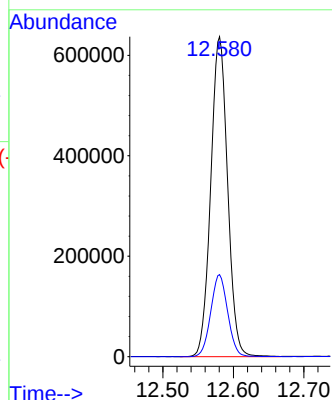
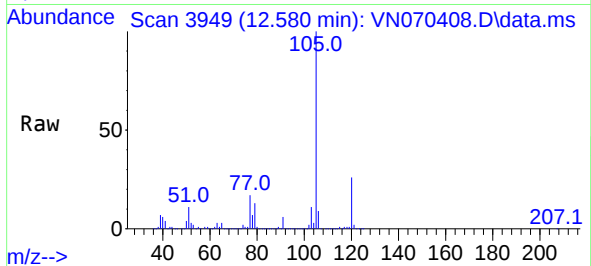




#73
Isopropylbenzene
Concen: 22.004 ug/l
RT: 12.580 min Scan# 3948
Delta R.T. 0.002 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

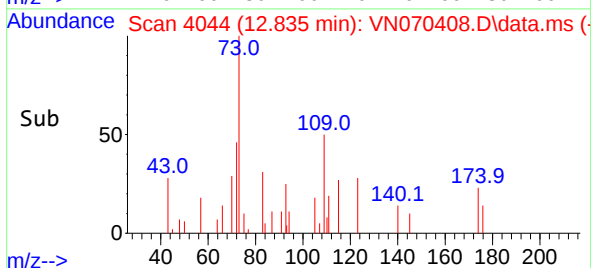
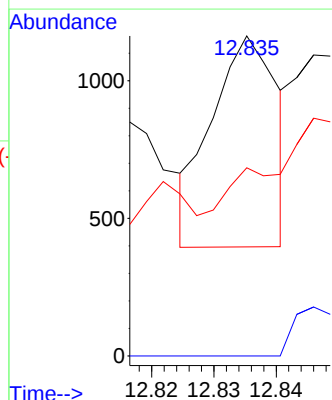
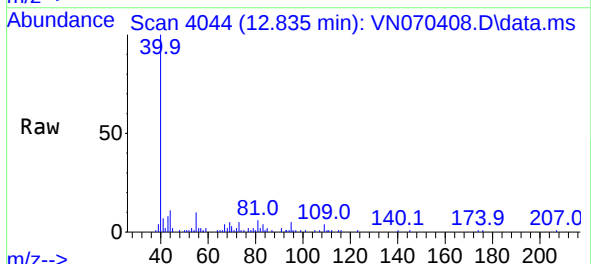
Instrument :
MSVOA_N
ClientSampleId :
MW-50

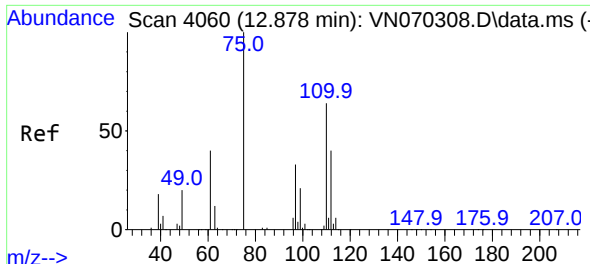
Tgt Ion:105 Resp: 1057738
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#75
1,1,2,2-Tetrachloroethane
Concen: 0.479 ug/l
RT: 12.835 min Scan# 4044
Delta R.T. 0.010 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 83 Resp: 558
Ion Ratio Lower Upper
83 100
131 13.8 5.5 16.5
85 46.6 32.4 97.2

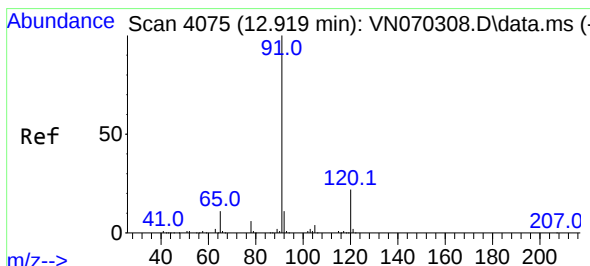
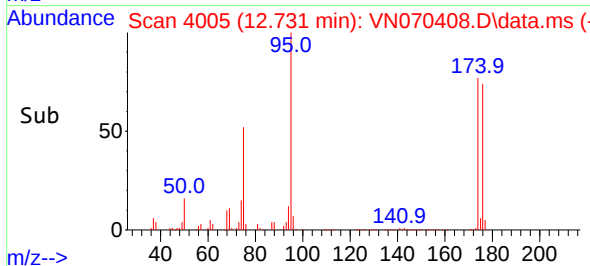
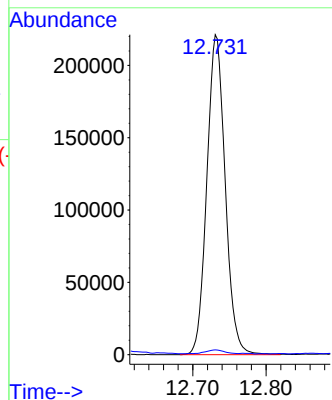
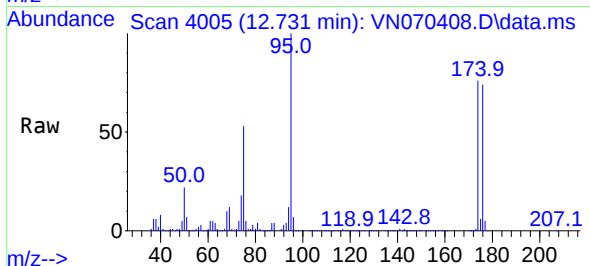




#76
1,2,3-Trichloropropane
Concen: 26.452 ug/l
RT: 12.731 min Scan# 4060
Delta R.T. -0.147 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

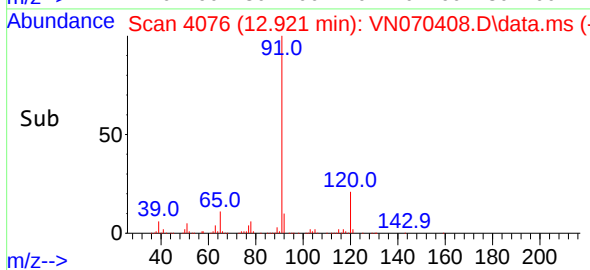
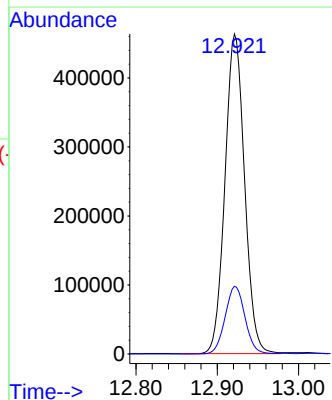
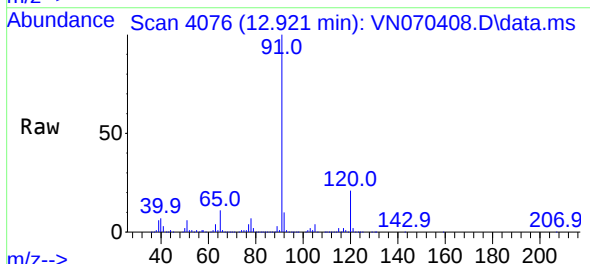
Instrument :
MSVOA_N
ClientSampleId :
MW-50

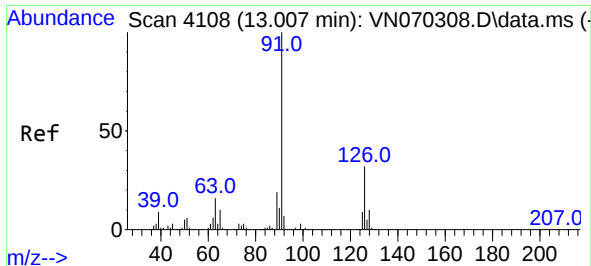
Tgt Ion: 75 Resp: 384484
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#78
n-propylbenzene
Concen: 14.572 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 91 Resp: 776135
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

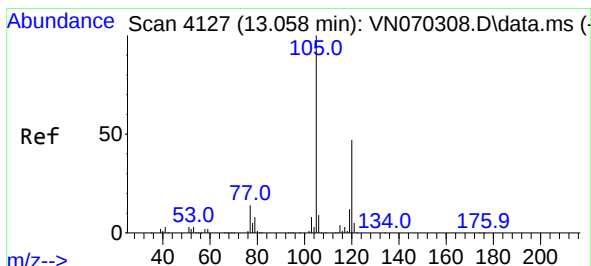
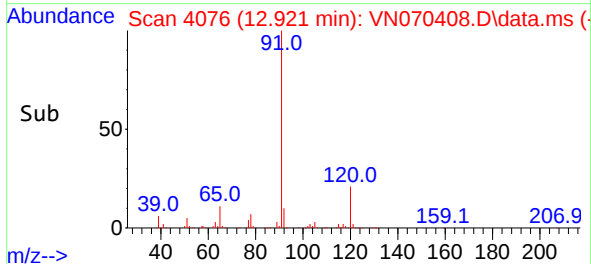
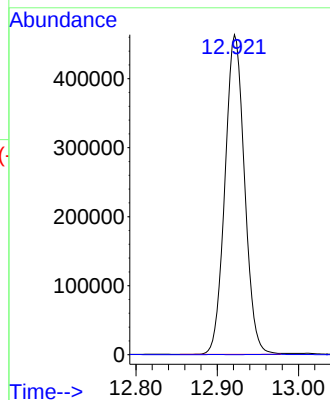
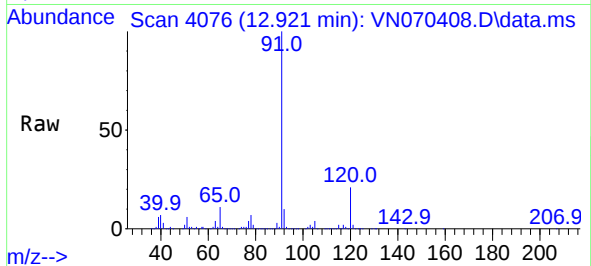




#79
2-Chlorotoluene
Concen: 22.712 ug/l
RT: 12.921 min Scan# 40
Delta R.T. -0.086 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

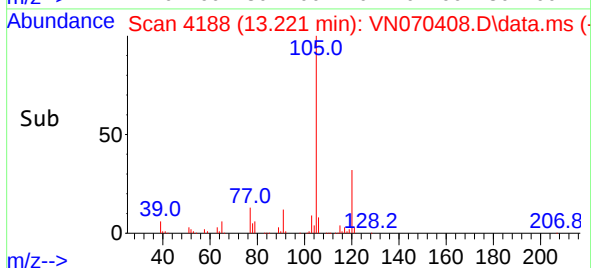
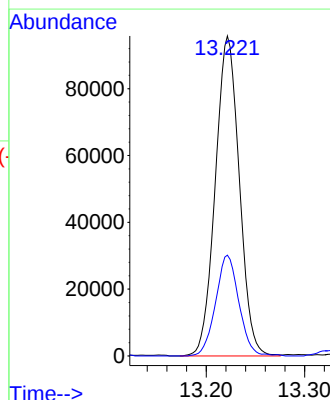
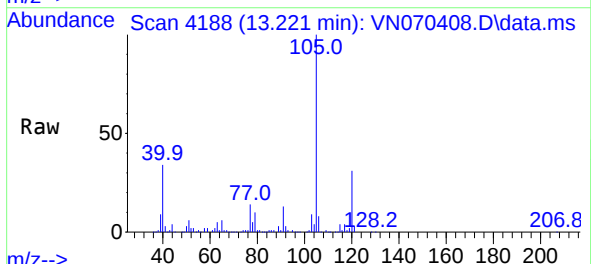
Instrument :
MSVOA_N
ClientSampleId :
MW-50

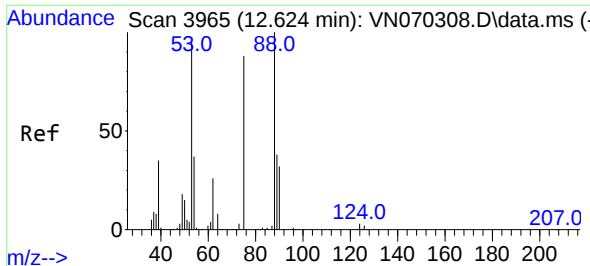
Tgt Ion: 91 Resp: 776135
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 4.210 ug/l
RT: 13.221 min Scan# 4188
Delta R.T. 0.163 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 105 Resp: 162172
Ion Ratio Lower Upper
105 100
120 30.7 24.6 73.6

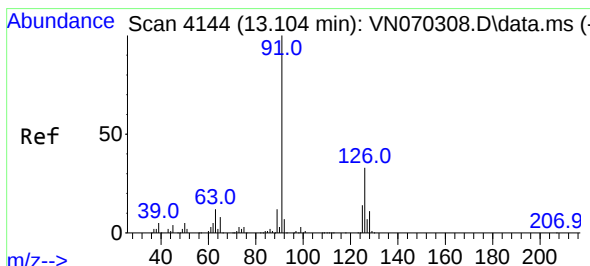
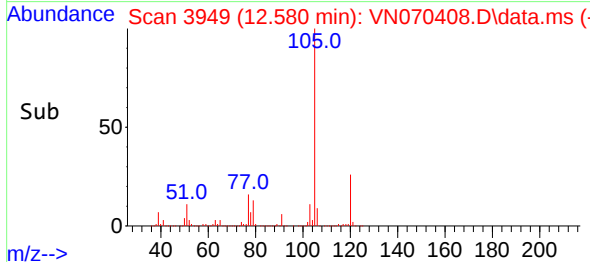
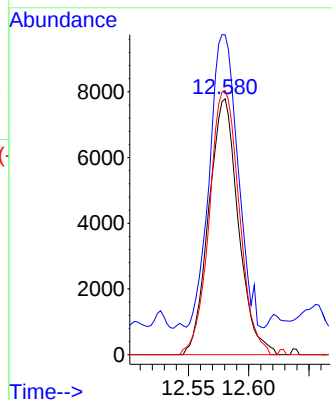
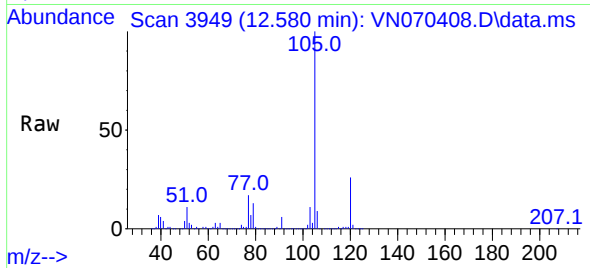




#81
trans-1,4-Dichloro-2-butene
Concen: 3.142 ug/l
RT: 12.580 min Scan# 3965
Delta R.T. -0.044 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

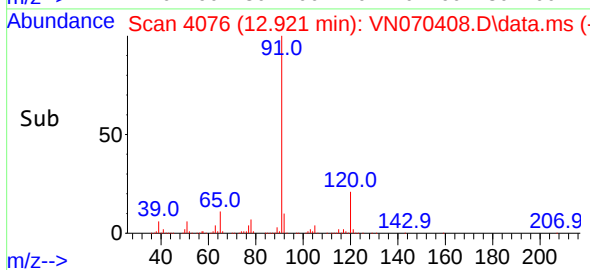
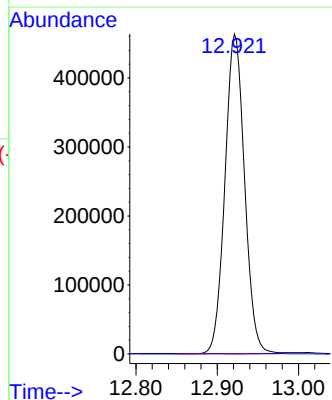
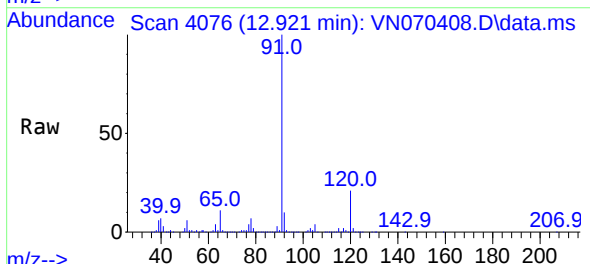
Instrument :
MSVOA_N
ClientSampleId :
MW-50

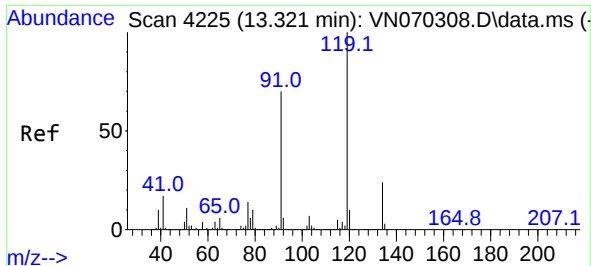
Tgt Ion: 75 Resp: 13311
Ion Ratio Lower Upper
75 100
53 111.6 90.5 135.7
89 104.2 38.2 57.4#



#82
4-Chlorotoluene
Concen: 24.246 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.183 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 91 Resp: 776135
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

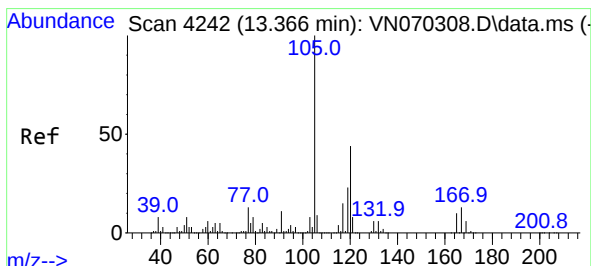
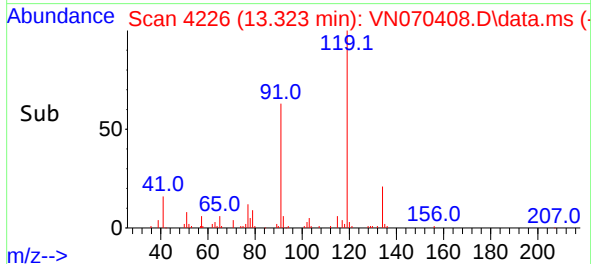
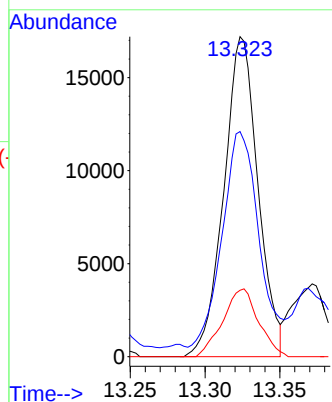
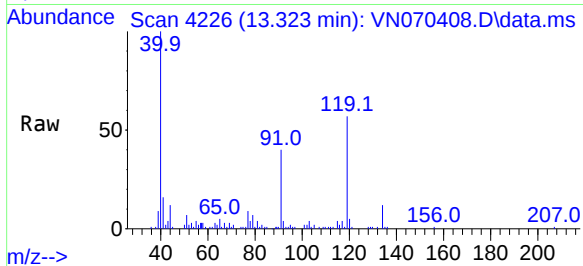




#83
 tert-Butylbenzene
 Concen: 0.806 ug/l
 RT: 13.323 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: VN070408.D
 Acq: 30 Dec 2021 18:57

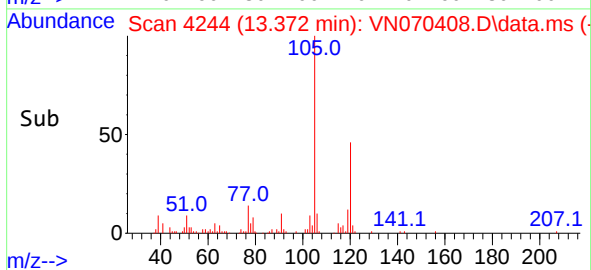
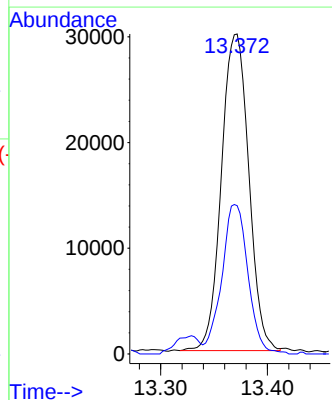
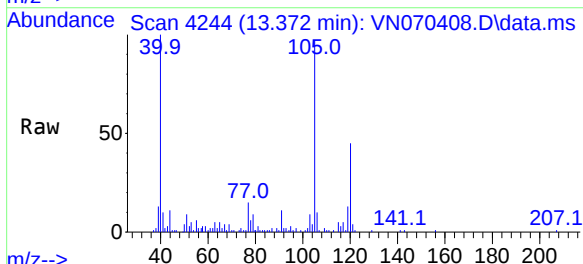
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-50

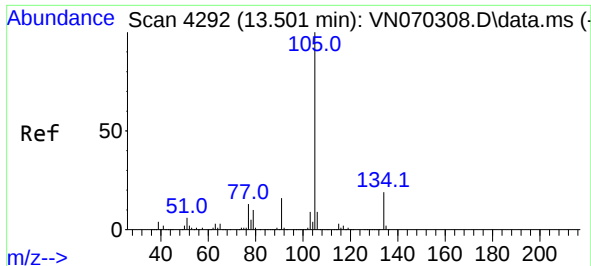
Tgt Ion:	119	Resp:	27336
Ion	Ratio	Lower	Upper
119	100		
91	71.5	31.5	94.5
134	22.1	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.439 ug/l
 RT: 13.372 min Scan# 4244
 Delta R.T. 0.006 min
 Lab File: VN070408.D
 Acq: 30 Dec 2021 18:57

Tgt Ion:	105	Resp:	53377
Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.8	68.4

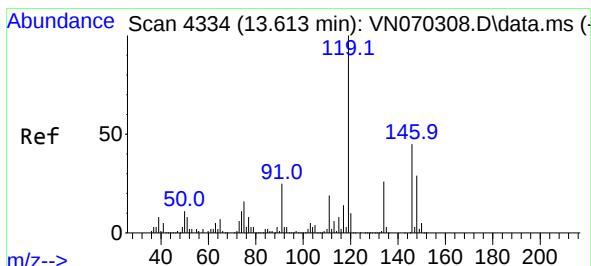
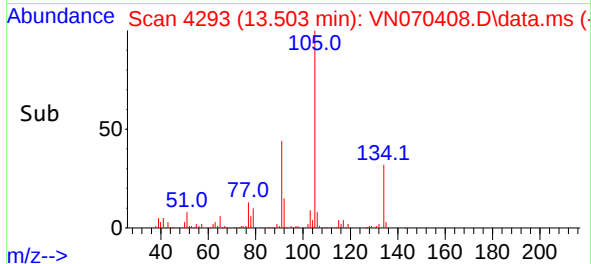
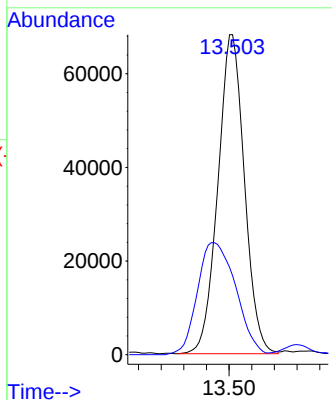
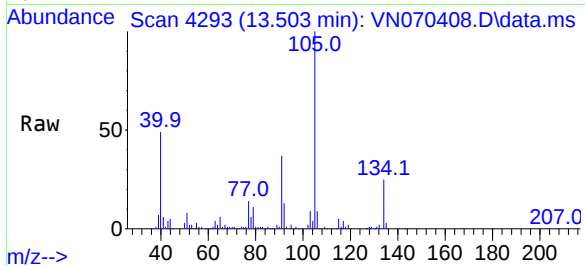




#85
 sec-Butylbenzene
 Concen: 2.404 ug/l
 RT: 13.503 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: VN070408.D
 Acq: 30 Dec 2021 18:57

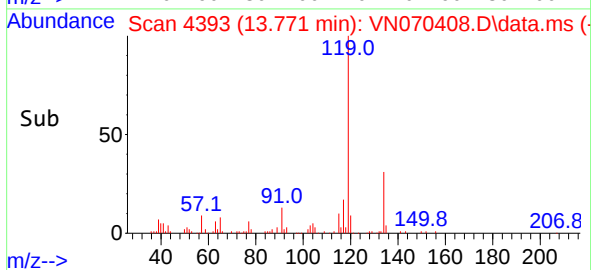
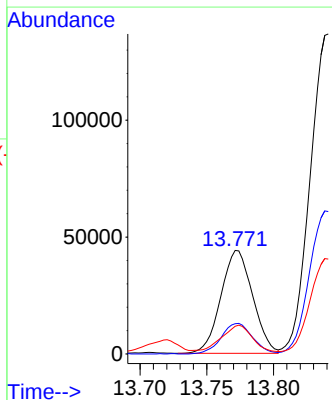
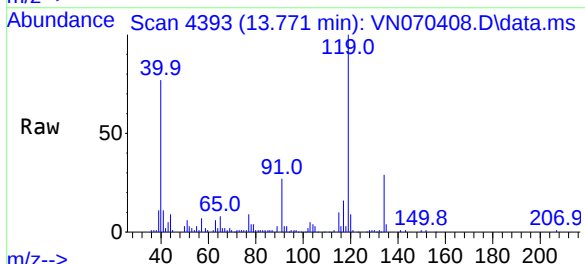
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-50

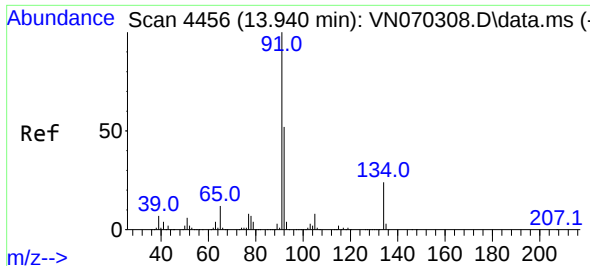
Tgt Ion:105 Resp: 110720
 Ion Ratio Lower Upper
 105 100
 134 50.8 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 2.018 ug/l
 RT: 13.771 min Scan# 4393
 Delta R.T. 0.158 min
 Lab File: VN070408.D
 Acq: 30 Dec 2021 18:57

Tgt Ion:119 Resp: 73004
 Ion Ratio Lower Upper
 119 100
 134 29.4 13.6 40.7
 91 23.8 11.4 34.1

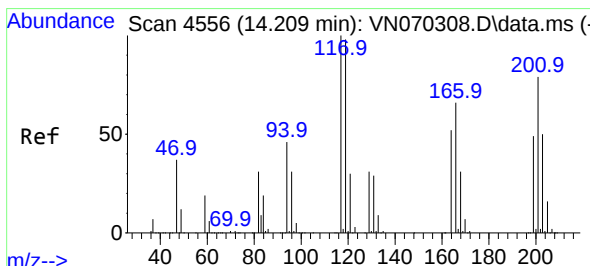
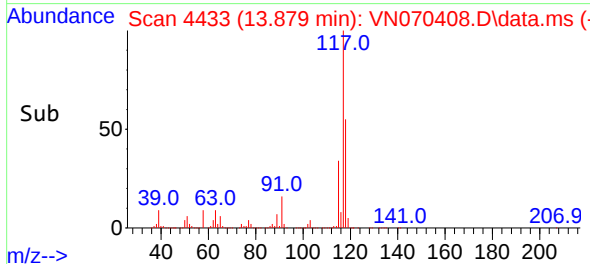
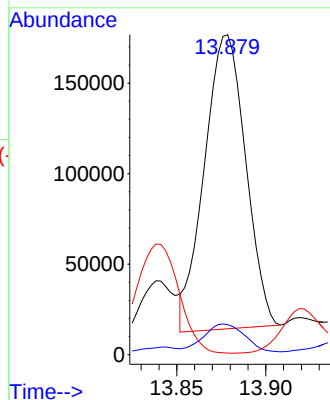
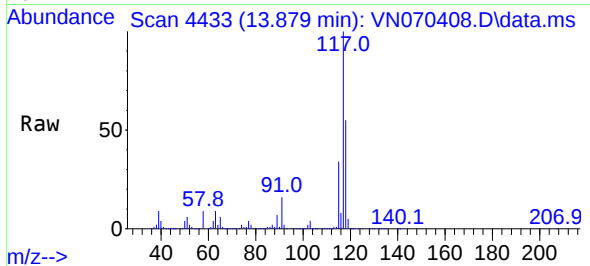




#89
n-Butylbenzene
Concen: 8.689 ug/l
RT: 13.879 min Scan# 4456
Delta R.T. -0.061 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

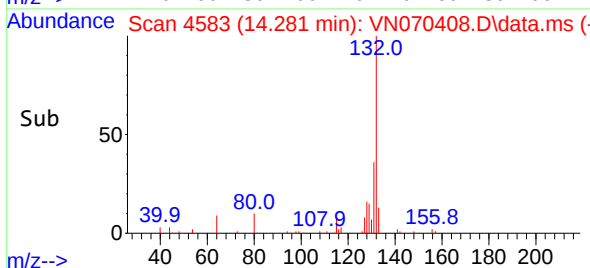
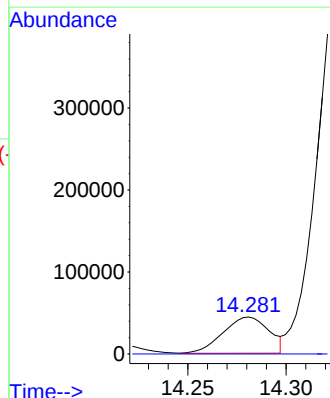
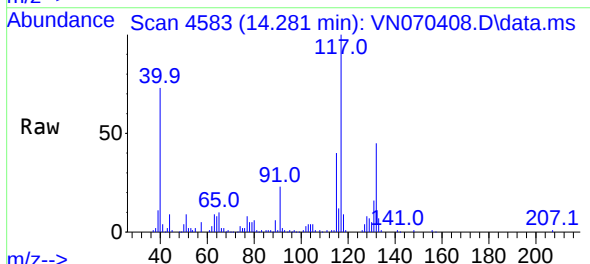
Instrument :
MSVOA_N
ClientSampleId :
MW-50

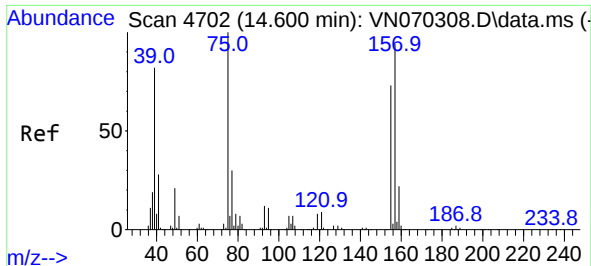
Tgt Ion: 91 Resp: 262181
Ion Ratio Lower Upper
91 100
92 10.9 25.4 76.0#
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 11.462 ug/l
RT: 14.281 min Scan# 4583
Delta R.T. 0.072 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

Tgt Ion: 117 Resp: 72033
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

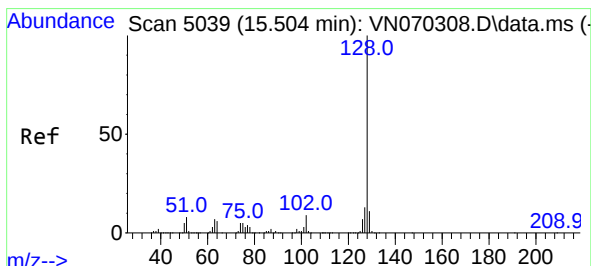
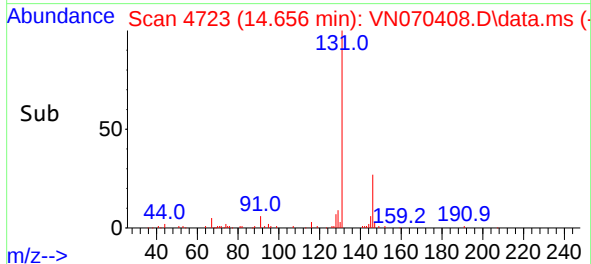
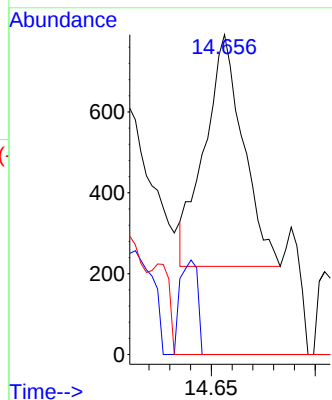
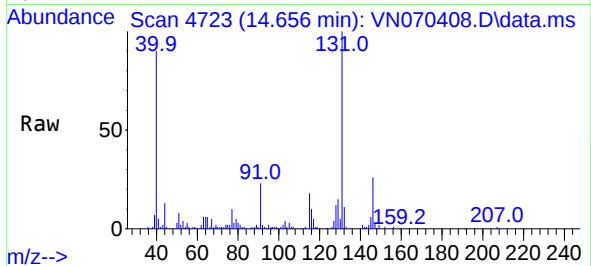




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.265 ug/l
RT: 14.656 min Scan# 41
Delta R.T. 0.056 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

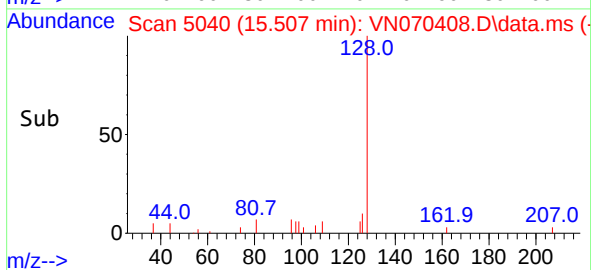
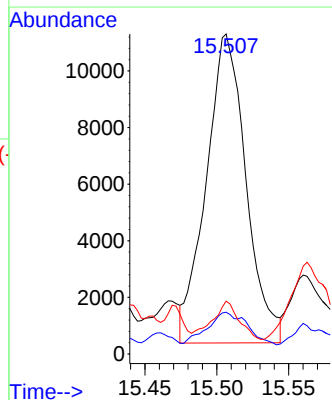
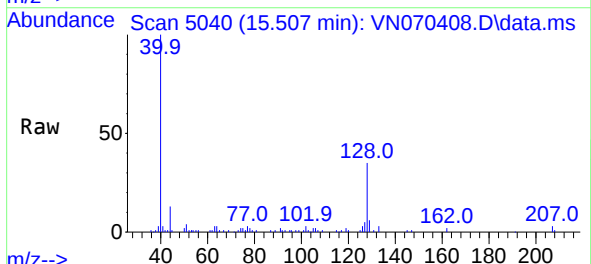
Instrument :
MSVOA_N
ClientSampleId :
MW-50

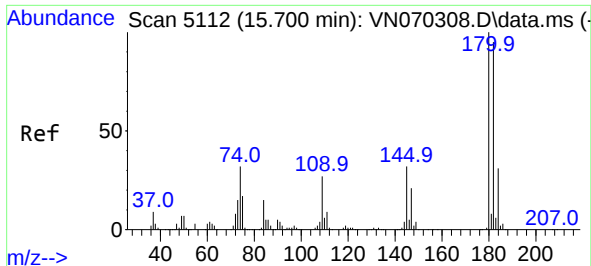
Tgt Ion: 75 Resp: 739
Ion Ratio Lower Upper
75 100
155 18.4 46.9 140.7#
157 0.0 60.6 181.7#



#95
Naphthalene
Concen: 2.656 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070408.D
Acq: 30 Dec 2021 18:57

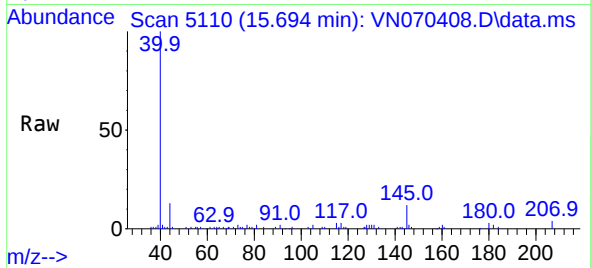
Tgt Ion: 128 Resp: 21028
Ion Ratio Lower Upper
128 100
127 10.6 10.5 15.7
129 7.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.067 ug/l
 RT: 15.694 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN070408.D
 Acq: 30 Dec 2021 18:57

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-50



Tgt Ion:180 Resp: 1996
 Ion Ratio Lower Upper
 180 100
 182 77.8 47.4 142.2
 145 0.0 15.0 45.1#

