

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070437.D
 Acq On : 3 Jan 2022 15:10
 Operator : JC/MD
 Sample : M5251-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1R

Quant Time: Jan 04 01:33:20 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	8.086	168	1012006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1715964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1604011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	765076	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	721628	49.594	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.180%
35) Dibromofluoromethane	8.021	113	509168	49.041	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.080%
50) Toluene-d8	10.440	98	2124906	50.100	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.200%
62) 4-Bromofluorobenzene	12.728	95	912412	59.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	119.120%

Target Compounds				Qvalue		
3) Chloromethane	2.298	50	138005	8.840	ug/l #	49
11) Tert butyl alcohol	5.371	59	55586	22.943	ug/l #	71
13) Acrolein	3.990	56	29472	14.992	ug/l #	1
14) Allyl chloride	4.934	41	86513	3.702	ug/l #	73
15) Acrylonitrile	5.618	53	31127	4.117	ug/l #	31
16) Acetone	4.288	43	238143	25.212	ug/l	95
17) Carbon Disulfide	4.535	76	100904	3.587	ug/l	100
18) Methyl Acetate	4.923	43	45026	1.648	ug/l #	51
19) Methyl tert-butyl Ether	5.621	73	52514	1.372	ug/l #	1
20) Methylene Chloride	4.940	84	11632	0.890	ug/l #	19
23) Vinyl Acetate	6.468	43	39642	1.123	ug/l #	78
25) 2-Butanone	7.337	43	195307	16.422	ug/l	91
26) 2,2-Dichloropropane	7.141	77	22355	1.201	ug/l #	52
29) Tetrahydrofuran	7.691	42	13315	1.876	ug/l	90
30) Chloroform	7.839	83	22534	0.990	ug/l #	34
31) Cyclohexane	8.094	56	808434	35.208	ug/l	88
36) 1,1-Dichloropropene	8.083	75	82550	4.806	ug/l #	58
37) Ethyl Acetate	7.337	43	195307	8.773	ug/l #	68
38) Carbon Tetrachloride	8.083	117	99196	6.048	ug/l #	16
39) Methylcyclohexane	9.459	83	419904	20.194	ug/l #	88
40) Benzene	8.458	78	308062	5.850	ug/l	100
41) Methacrylonitrile	7.673	41	10760	0.966	ug/l #	18
43) Isopropyl Acetate	8.550	43	23631	0.673	ug/l #	55
47) Bromodichloromethane	9.746	83	6188	0.354	ug/l #	25
48) Methyl methacrylate	9.638	41	67615	4.039	ug/l #	63
51) 4-Methyl-2-Pentanone	10.330	43	105074	4.764	ug/l	100
52) Toluene	10.502	92	140895	4.421	ug/l	98
55) 1,1,2-Trichloroethane	10.875	97	33084	2.624	ug/l #	19
58) 2-Chloroethyl Vinyl ether	10.022	63	4027	19.214	ug/l #	45
59) 2-Hexanone	11.084	43	264462	16.443	ug/l	80
68) m/p-Xylenes	11.843	106	13172602	580.331	ug/l #	1
69) o-Xylene	12.277	106	3252115	144.044	ug/l	93
70) Styrene	12.277	104	162154	4.538	ug/l #	1
73) Isopropylbenzene	12.575	105	2831852	39.858	ug/l	98
74) N-amyl acetate	12.350	43	71253	2.385	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.811	83	934	0.483	ug/l #	1

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

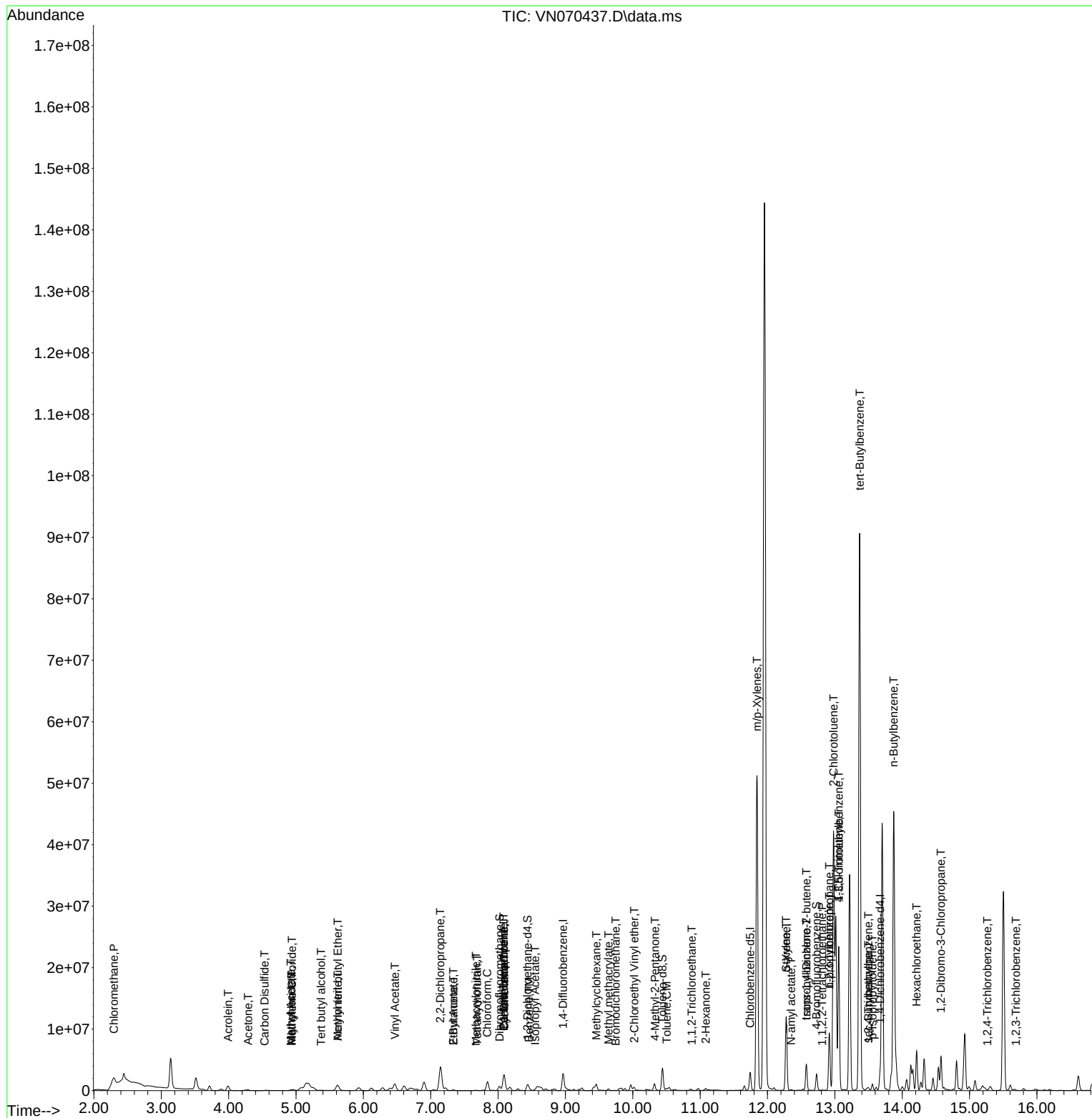
76) 1,2,3-Trichloropropane	12.916	75	46314	4.667	ug/l	#	1
78) n-propylbenzene	12.918	91	7569515	96.157	ug/l		96
79) 2-Chlorotoluene	12.980	91	3415823	67.627	ug/l	#	39
80) 1,3,5-Trimethylbenzene	13.058	105	12657523	222.316	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.575	75	35051	5.597	ug/l	#	71
82) 4-Chlorotoluene	13.058	91	1393103	29.445	ug/l	#	38
83) tert-Butylbenzene	13.369	119	8056904	160.710	ug/l	#	59
84) 1,2,4-Trimethylbenzene	13.498	105	276024	5.035	ug/l	#	31
85) sec-Butylbenzene	13.498	105	276024	4.055	ug/l	#	73
86) p-Isopropyltoluene	13.557	119	561783	10.507	ug/l	#	78
89) n-Butylbenzene	13.873	91	5134601	115.134	ug/l	#	48
90) Hexachloroethane	14.214	117	296643	31.937	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.573	75	22129	5.377	ug/l	#	1
93) 1,2,4-Trichlorobenzene	15.265	180	3335	0.264	ug/l	#	83
96) 1,2,3-Trichlorobenzene	15.689	180	1475	0.946	ug/l	#	1

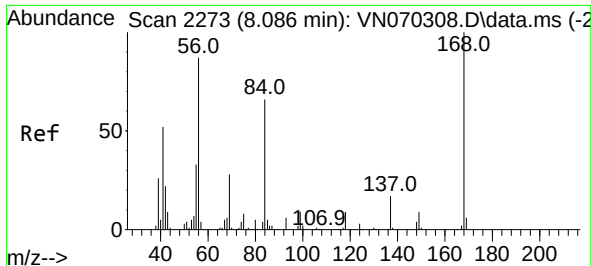
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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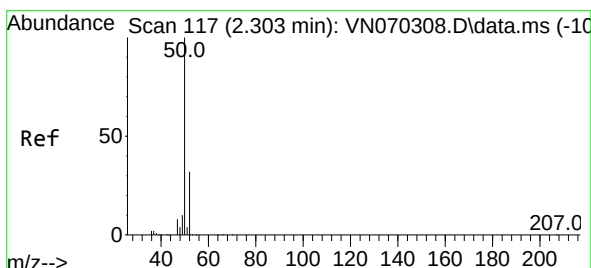
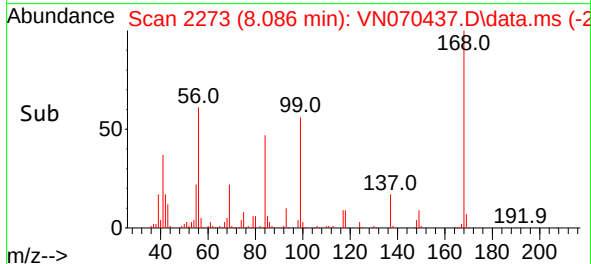
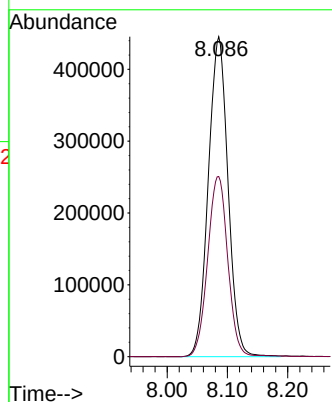
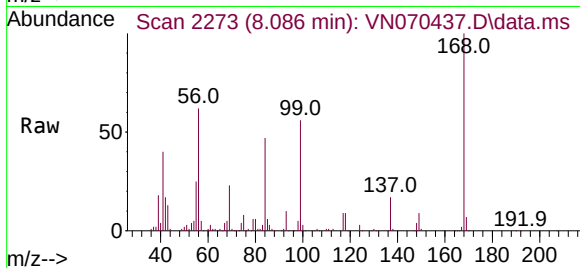




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

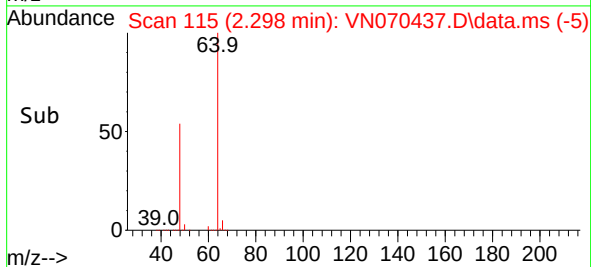
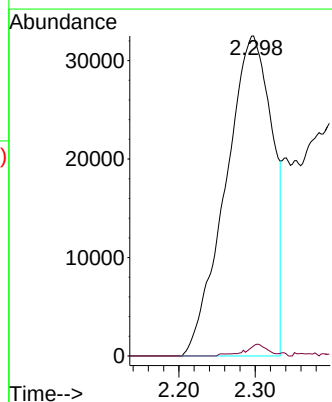
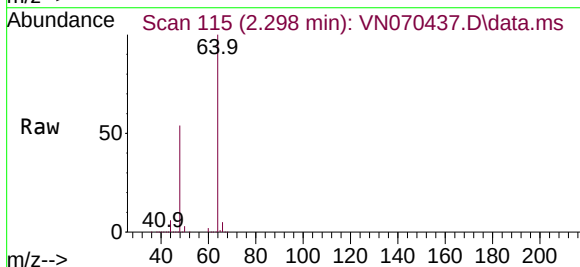
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

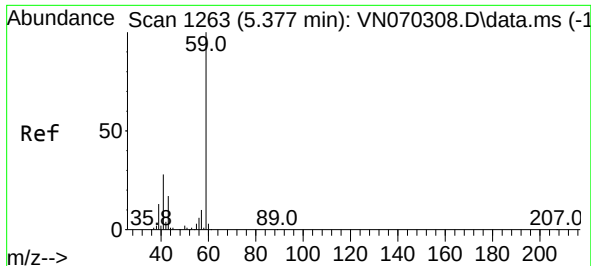
Tgt Ion:168 Resp: 1012006
Ion Ratio Lower Upper
168 100
99 56.3 41.3 61.9



#3
Chloromethane
Concen: 8.840 ug/l
RT: 2.298 min Scan# 115
Delta R.T. -0.005 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 50 Resp: 138005
Ion Ratio Lower Upper
50 100
52 3.2 25.4 38.0#





#11

Tert butyl alcohol

Concen: 22.943 ug/l

RT: 5.371 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN070437.D

Acq: 3 Jan 2022 15:10

Instrument :

MSVOA_N

ClientSampleId :

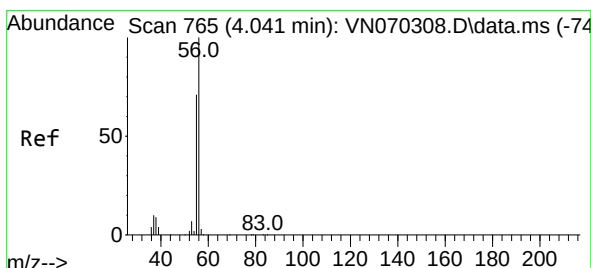
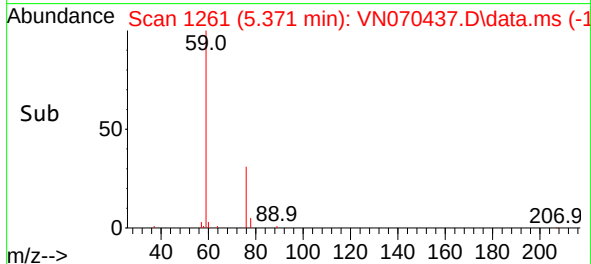
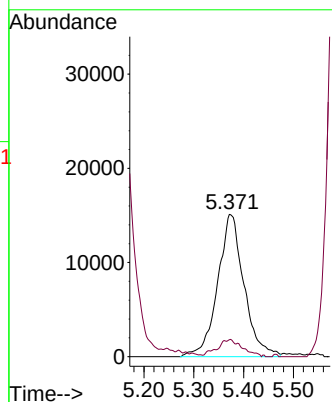
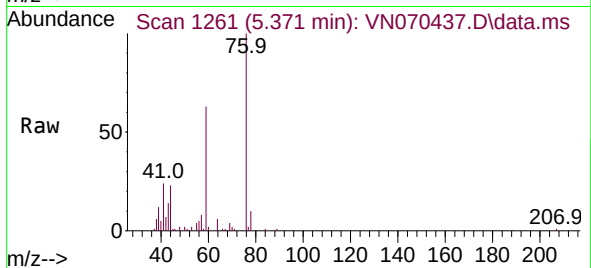
MW-1R

Tgt Ion: 59 Resp: 55586

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 14.992 ug/l

RT: 3.990 min Scan# 746

Delta R.T. -0.051 min

Lab File: VN070437.D

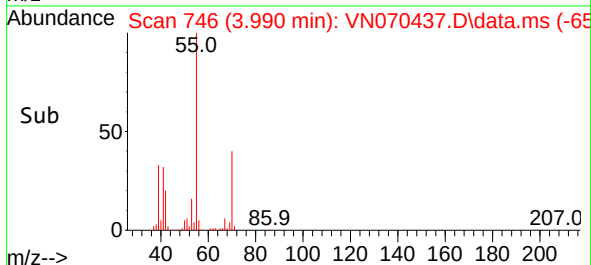
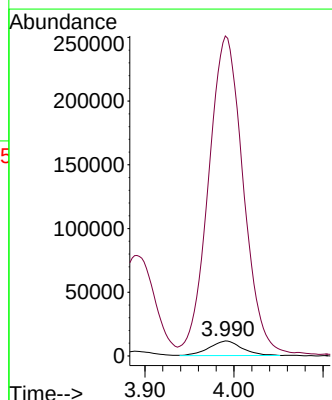
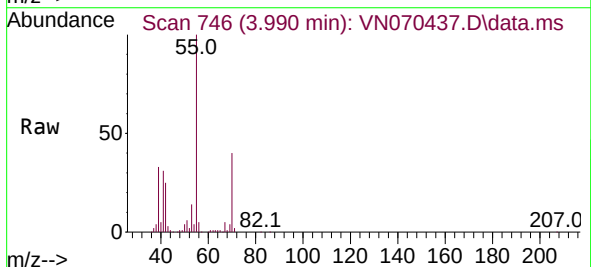
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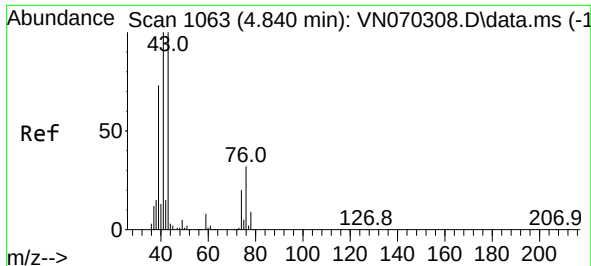
Tgt Ion: 56 Resp: 29472

Ion Ratio Lower Upper

56 100

55 2271.3 56.6 85.0#





#14

Allyl chloride

Concen: 3.702 ug/l

RT: 4.934 min Scan# 1098

Delta R.T. 0.094 min

Lab File: VN070437.D

Acq: 3 Jan 2022 15:10

Instrument :

MSVOA_N

ClientSampleId :

MW-1R

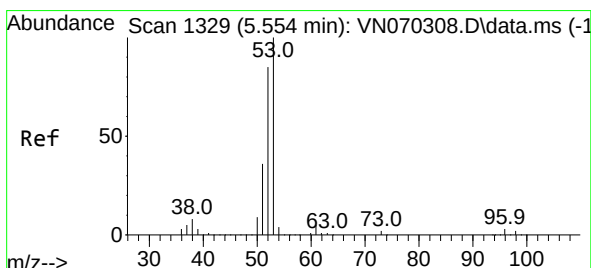
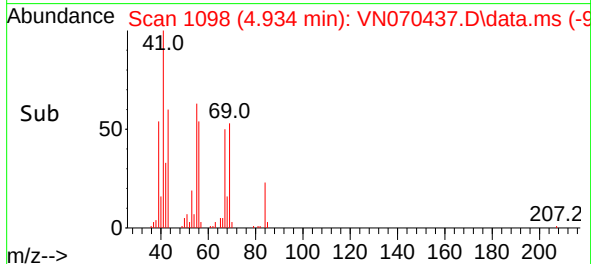
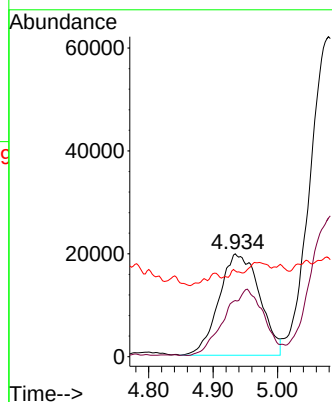
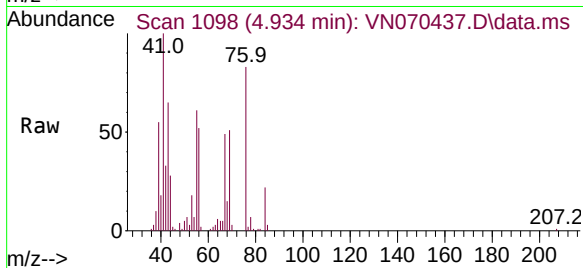
Tgt Ion: 41 Resp: 86513

Ion Ratio Lower Upper

41 100

39 64.2 61.2 91.8

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 4.117 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. 0.064 min

Lab File: VN070437.D

Acq: 3 Jan 2022 15:10

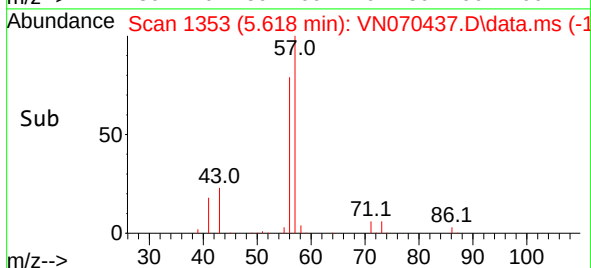
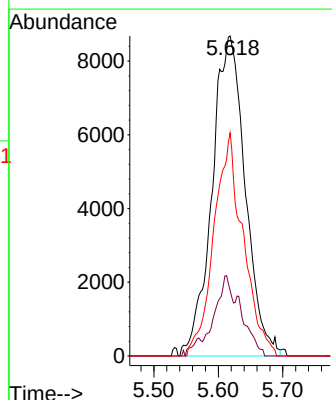
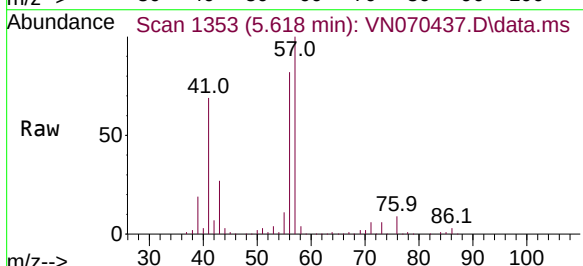
Tgt Ion: 53 Resp: 31127

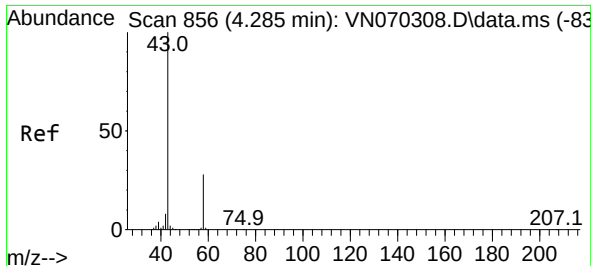
Ion Ratio Lower Upper

53 100

52 8.9 66.2 99.2#

51 61.2 29.6 44.4#

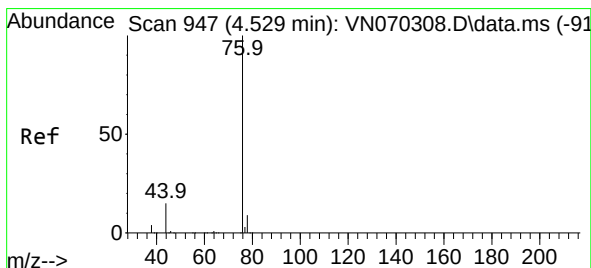
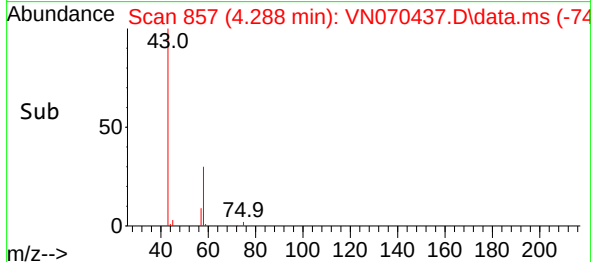
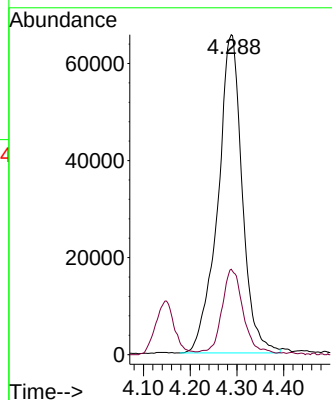
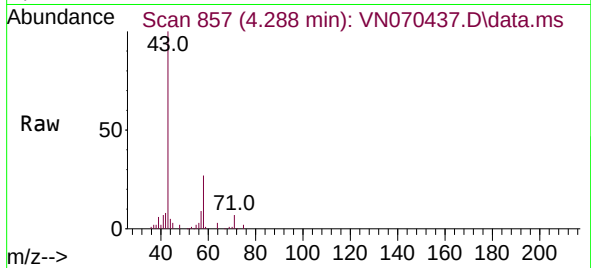




#16
Acetone
Concen: 25.212 ug/l
RT: 4.288 min Scan# 856
Delta R.T. 0.003 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

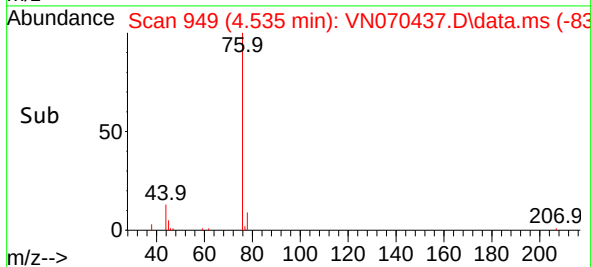
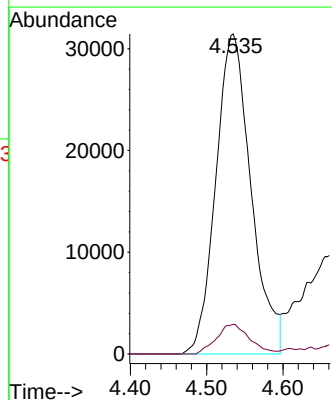
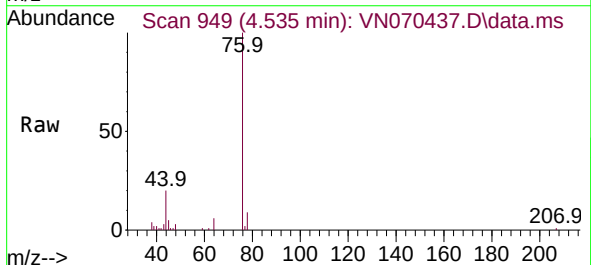
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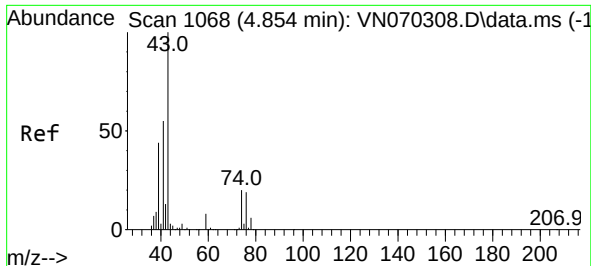
Tgt Ion: 43 Resp: 238143
Ion Ratio Lower Upper
43 100
58 26.2 23.1 34.7



#17
Carbon Disulfide
Concen: 3.587 ug/l
RT: 4.535 min Scan# 949
Delta R.T. 0.006 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 76 Resp: 100904
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3





#18

Methyl Acetate

Concen: 1.648 ug/l

RT: 4.923 min Scan# 1

Delta R.T. 0.069 min

Lab File: VN070437.D

Acq: 3 Jan 2022 15:10

Instrument :

MSVOA_N

ClientSampleId :

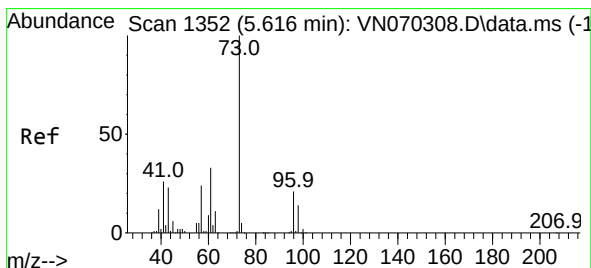
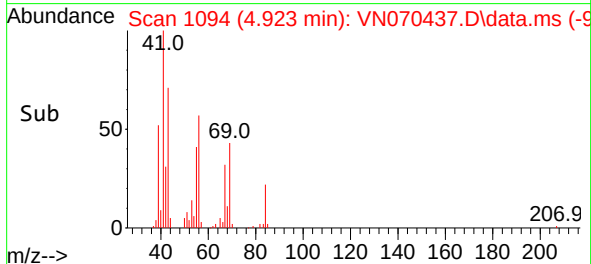
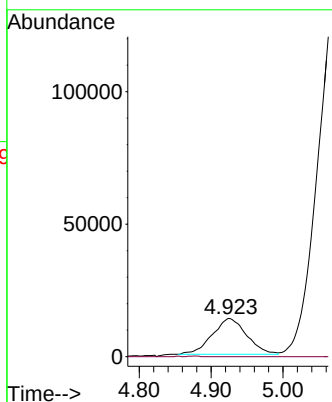
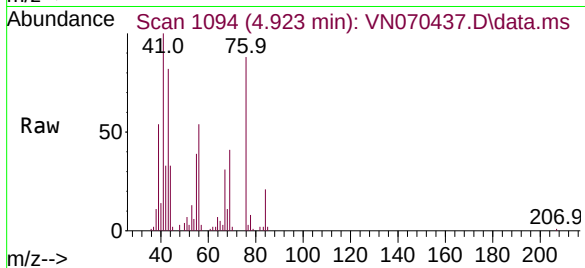
MW-1R

Tgt Ion: 43 Resp: 45026

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 1.372 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. 0.005 min

Lab File: VN070437.D

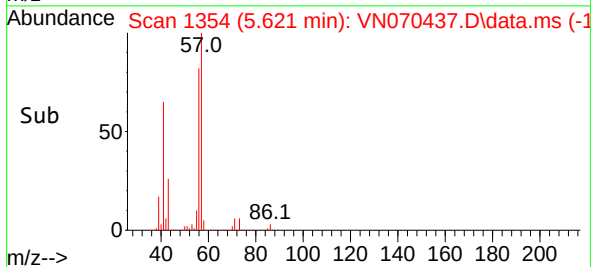
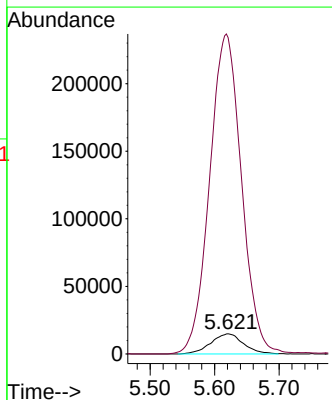
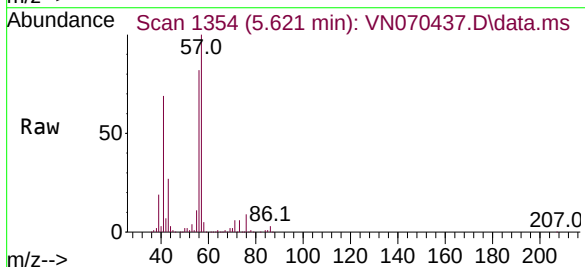
Acq: 3 Jan 2022 15:10

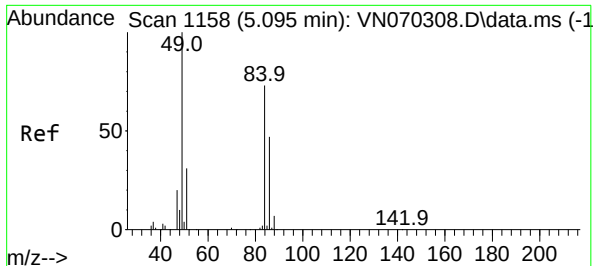
Tgt Ion: 73 Resp: 52514

Ion Ratio Lower Upper

73 100

57 1553.6 16.8 25.2#

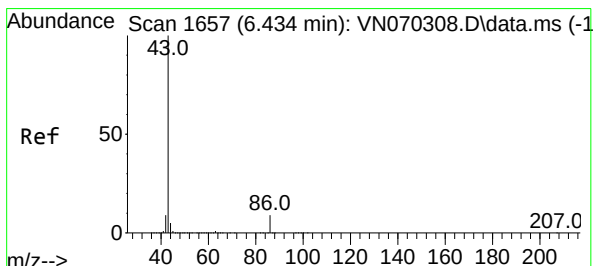
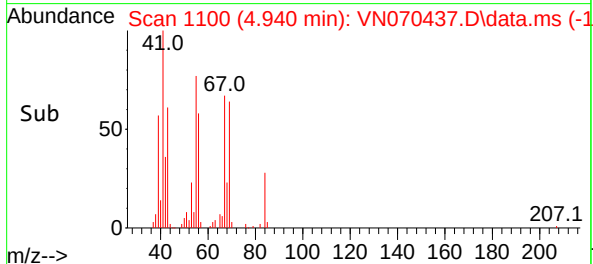
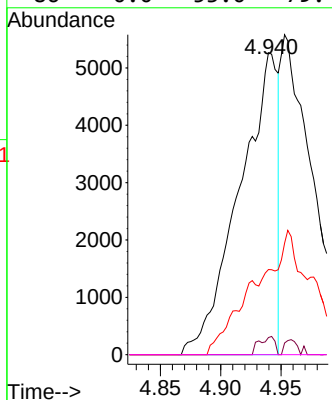
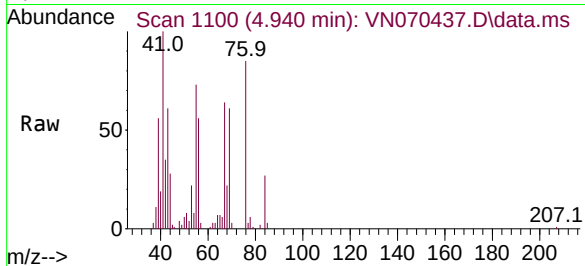




#20
Methylene Chloride
Concen: 0.890 ug/l
RT: 4.940 min Scan# 1158
Delta R.T. -0.155 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

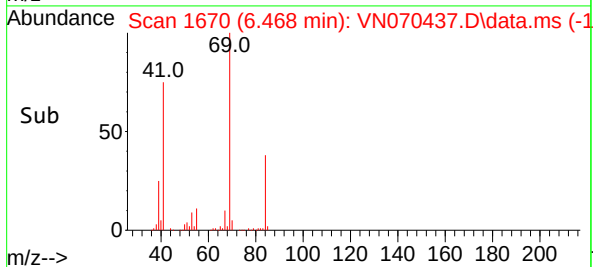
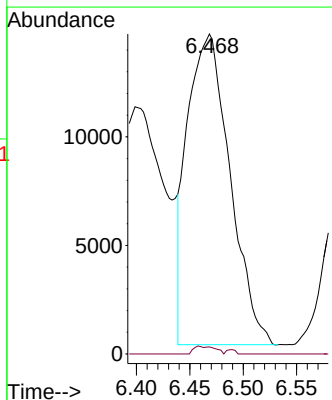
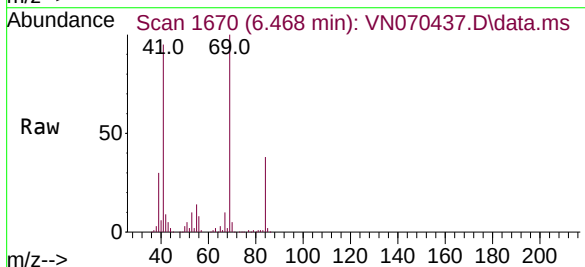
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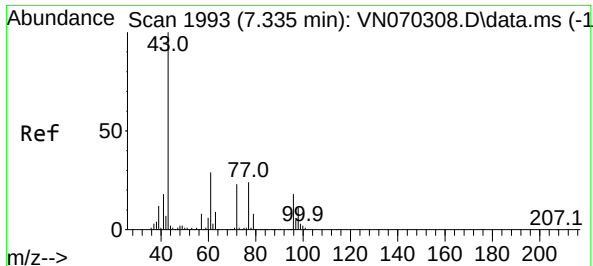
Tgt Ion: 84 Resp: 11632
Ion Ratio Lower Upper
84 100
49 5.7 93.5 140.3#
51 28.2 29.4 44.2#
86 0.0 53.0 79.4#



#23
Vinyl Acetate
Concen: 1.123 ug/l
RT: 6.468 min Scan# 1670
Delta R.T. 0.034 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 43 Resp: 39642
Ion Ratio Lower Upper
43 100
86 2.3 8.5 12.7#





#25

2-Butanone

Concen: 16.422 ug/l

RT: 7.337 min Scan# 1993

Delta R.T. 0.002 min

Lab File: VN070437.D

Acq: 3 Jan 2022 15:10

Instrument :

MSVOA_N

ClientSampleId :

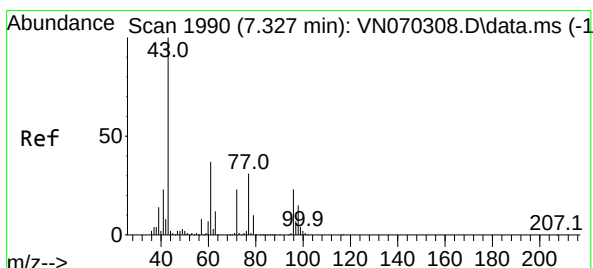
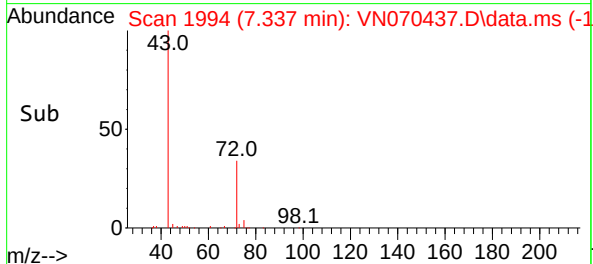
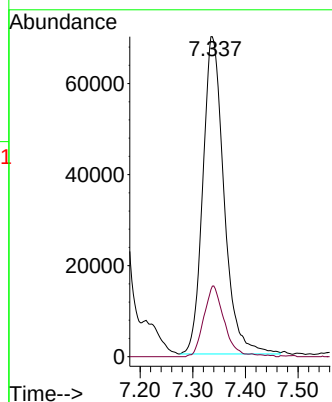
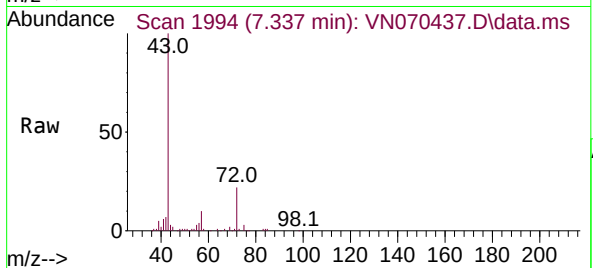
MW-1R

Tgt Ion: 43 Resp: 195307

Ion Ratio Lower Upper

43 100

72 22.2 21.7 32.5



#26

2,2-Dichloropropane

Concen: 1.201 ug/l

RT: 7.141 min Scan# 1921

Delta R.T. -0.186 min

Lab File: VN070437.D

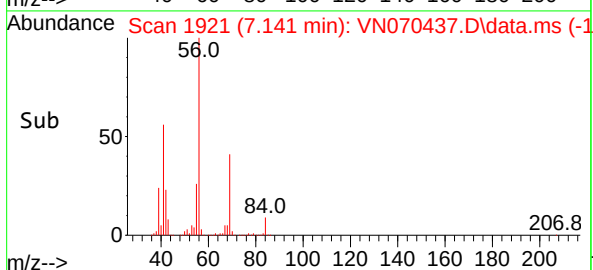
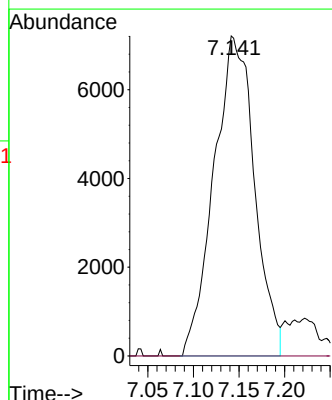
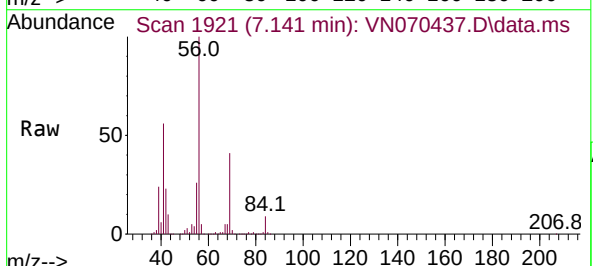
Acq: 3 Jan 2022 15:10

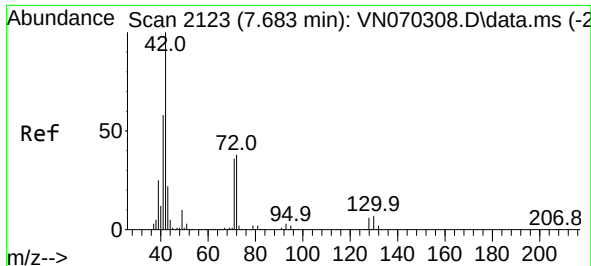
Tgt Ion: 77 Resp: 22355

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#





#29

Tetrahydrofuran

Concen: 1.876 ug/l

RT: 7.691 min Scan# 2126

Delta R.T. 0.008 min

Lab File: VN070437.D

Acq: 3 Jan 2022 15:10

Instrument :

MSVOA_N

ClientSampleId :

MW-1R

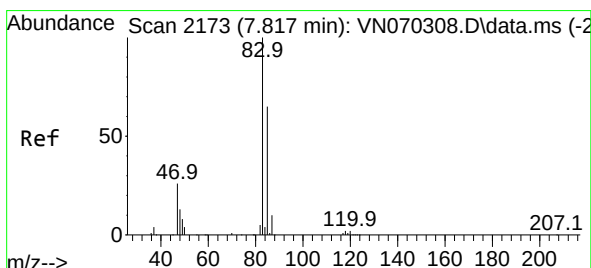
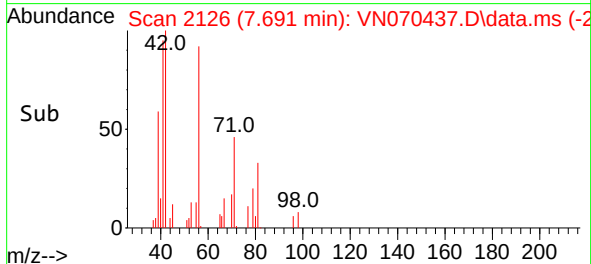
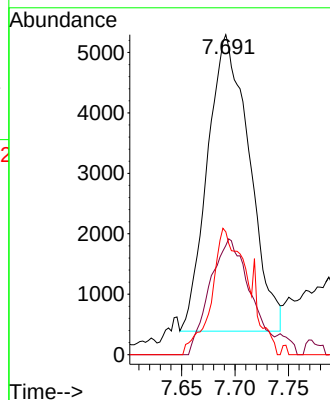
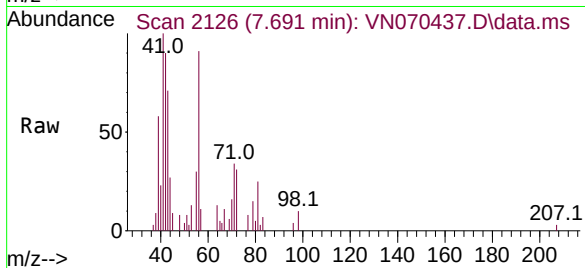
Tgt Ion: 42 Resp: 13315

Ion Ratio Lower Upper

42 100

72 37.8 36.3 54.5

71 37.8 34.7 52.1



#30

Chloroform

Concen: 0.990 ug/l

RT: 7.839 min Scan# 2181

Delta R.T. 0.022 min

Lab File: VN070437.D

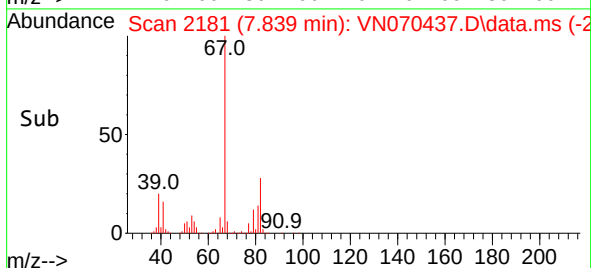
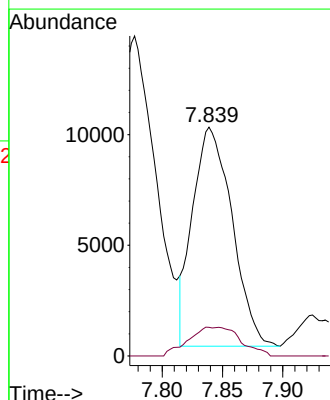
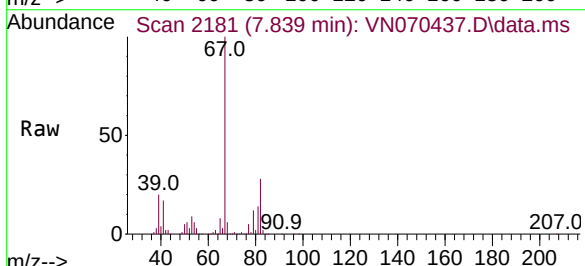
Acq: 3 Jan 2022 15:10

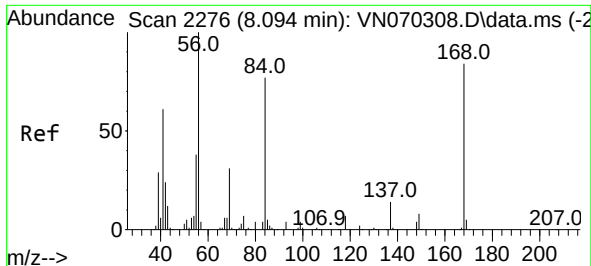
Tgt Ion: 83 Resp: 22534

Ion Ratio Lower Upper

83 100

85 13.1 51.9 77.9#

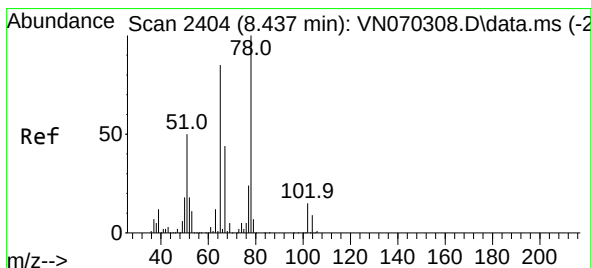
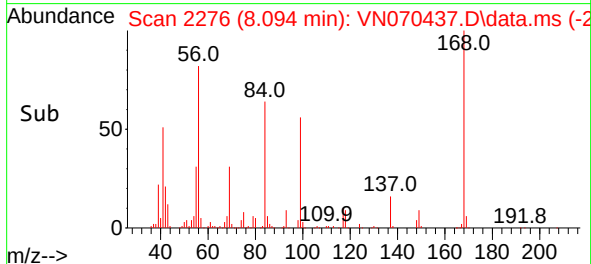
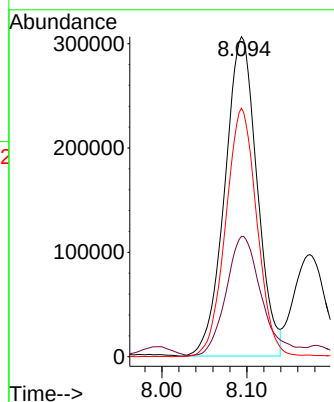
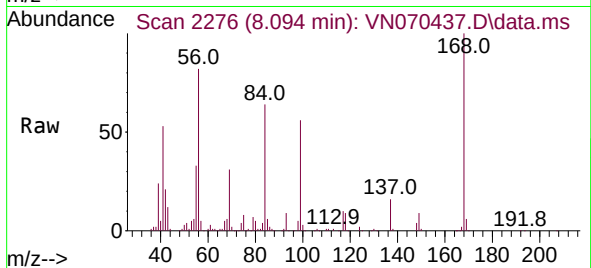




#31
Cyclohexane
Concen: 35.208 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

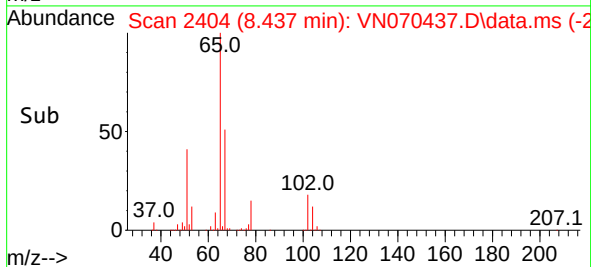
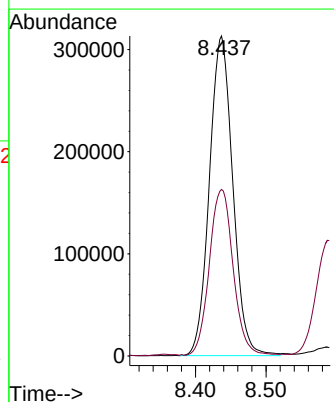
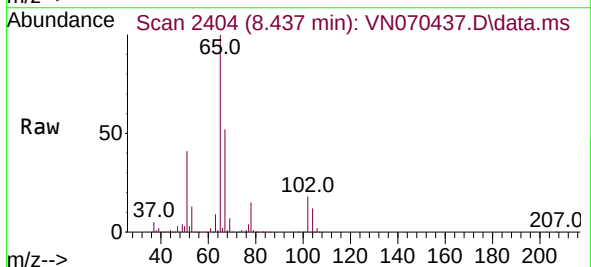
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

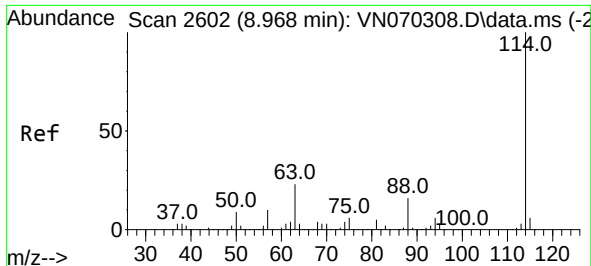
Tgt Ion: 56 Resp: 808434
Ion Ratio Lower Upper
56 100
69 36.7 27.1 40.7
84 77.7 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 49.594 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 65 Resp: 721628
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070437.D

Acq: 3 Jan 2022 15:10

Instrument :

MSVOA_N

ClientSampleId :

MW-1R

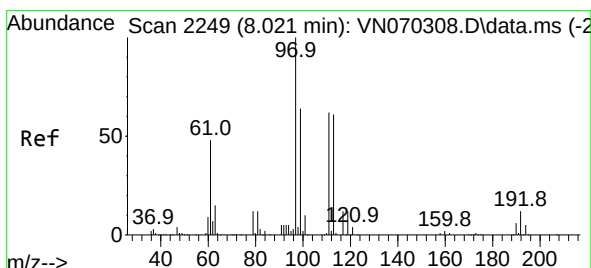
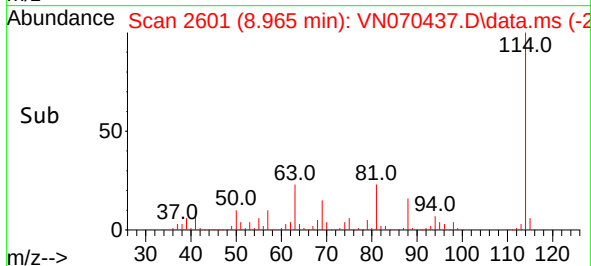
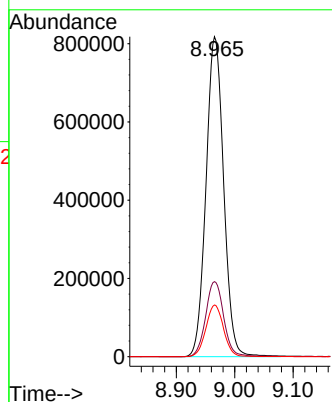
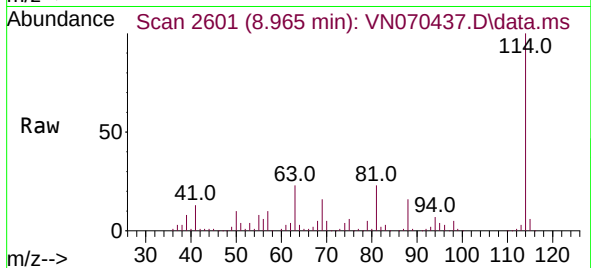
Tgt Ion:114 Resp: 1715964

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.041 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070437.D

Acq: 3 Jan 2022 15:10

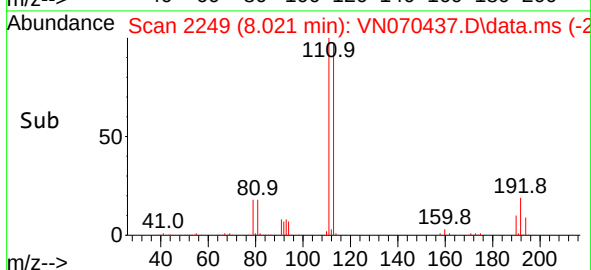
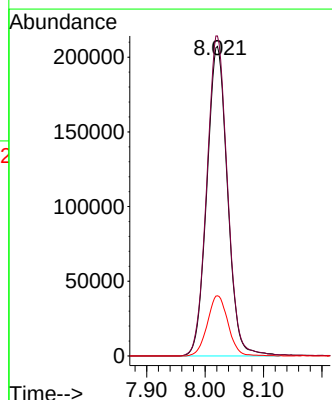
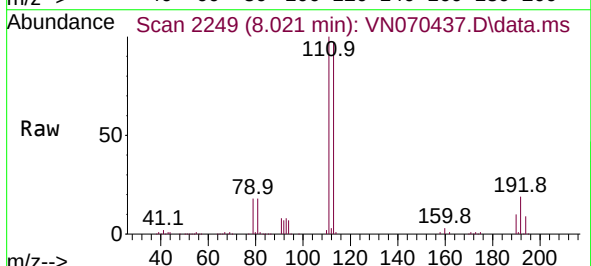
Tgt Ion:113 Resp: 509168

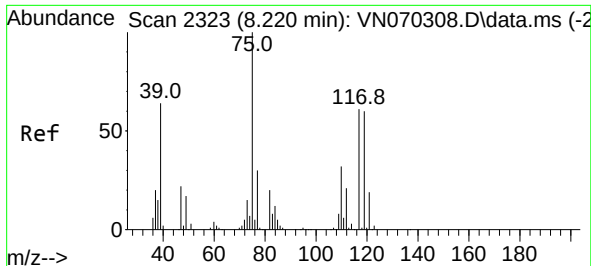
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

192 19.5 16.9 25.3

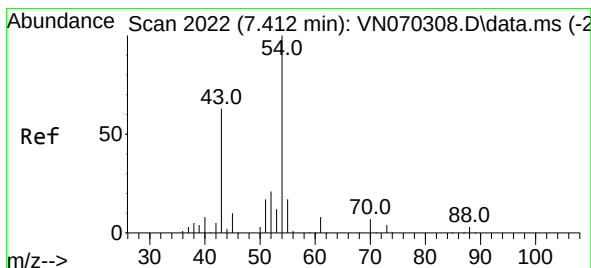
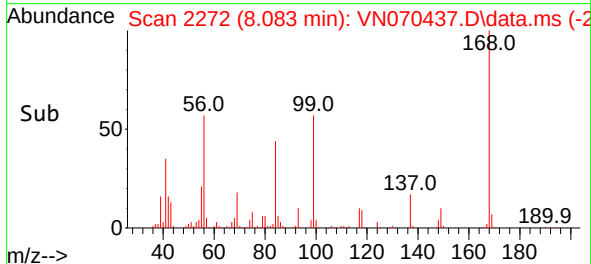
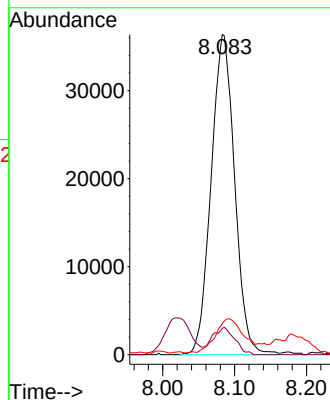
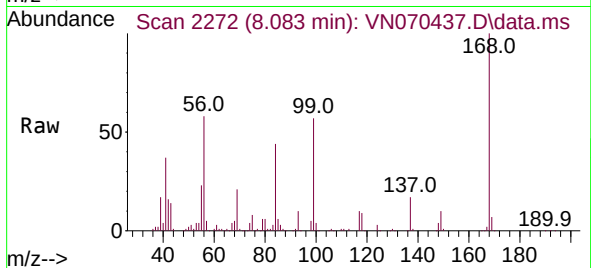




#36
 1,1-Dichloropropene
 Concen: 4.806 ug/l
 RT: 8.083 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070437.D
 Acq: 3 Jan 2022 15:10

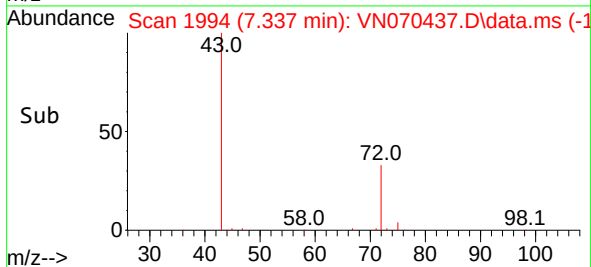
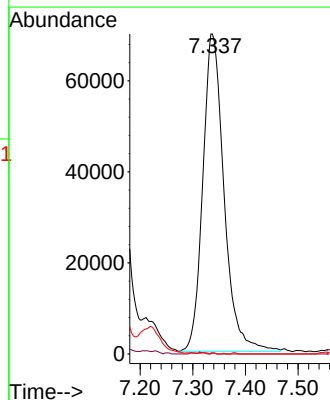
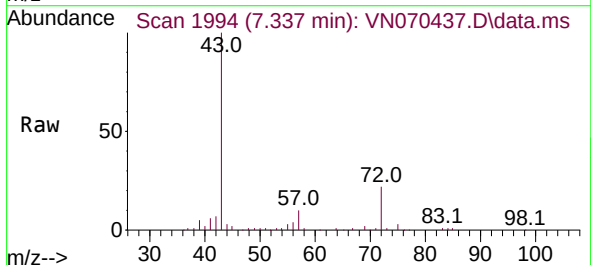
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1R

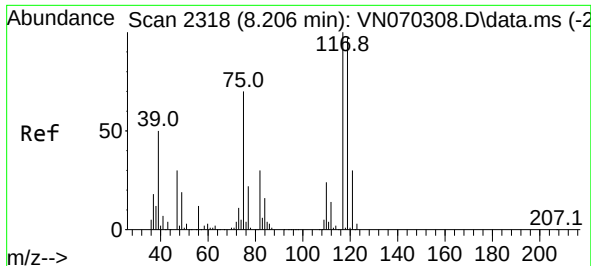
Tgt Ion: 75 Resp: 82550
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.4 55.2#
 77 12.1 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 8.773 ug/l
 RT: 7.337 min Scan# 1994
 Delta R.T. -0.075 min
 Lab File: VN070437.D
 Acq: 3 Jan 2022 15:10

Tgt Ion: 43 Resp: 195307
 Ion Ratio Lower Upper
 43 100
 61 0.1 11.5 17.3#
 70 0.0 7.9 11.9#

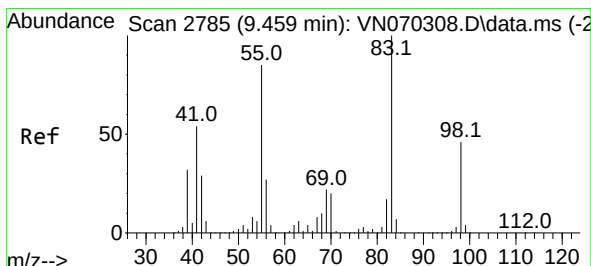
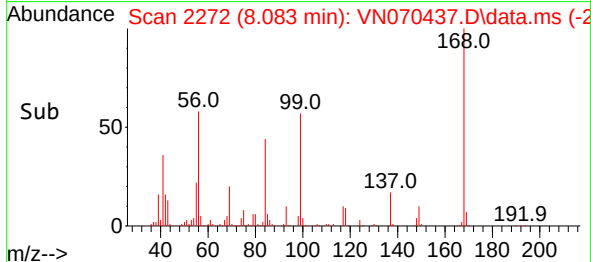
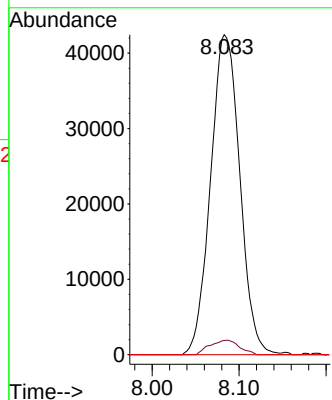
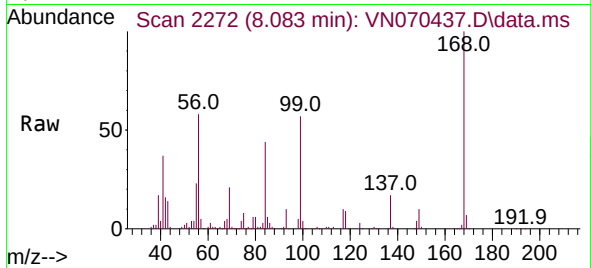




#38
Carbon Tetrachloride
Concen: 6.048 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

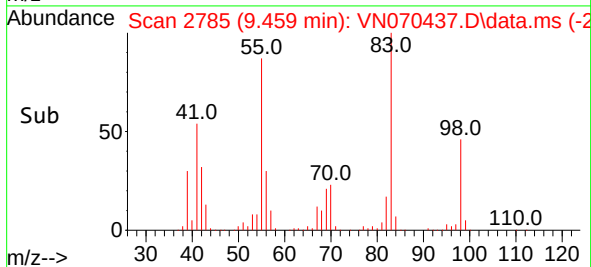
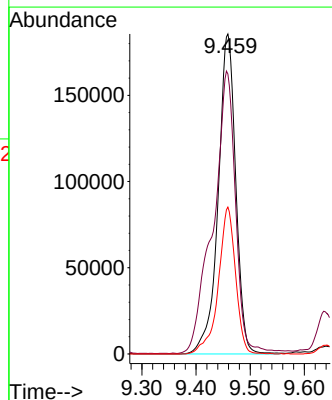
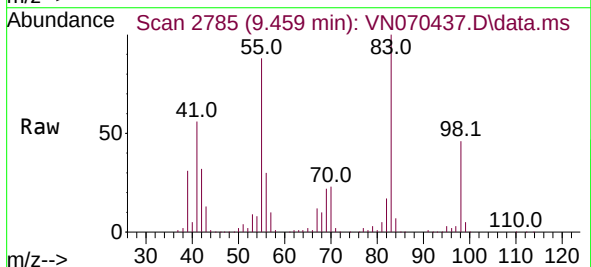
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

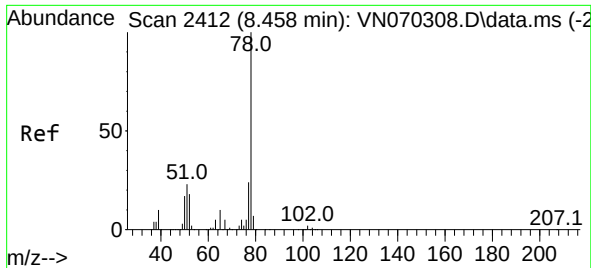
Tgt Ion:117 Resp: 99196
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 20.194 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 83 Resp: 419904
Ion Ratio Lower Upper
83 100
55 87.2 58.1 87.1#
98 45.9 38.4 57.6

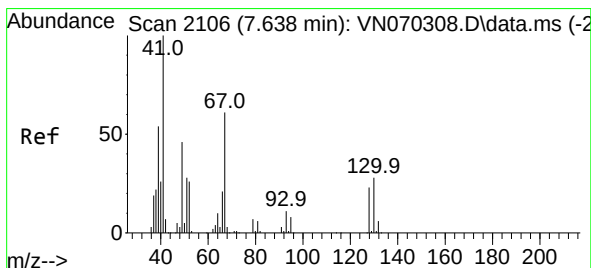
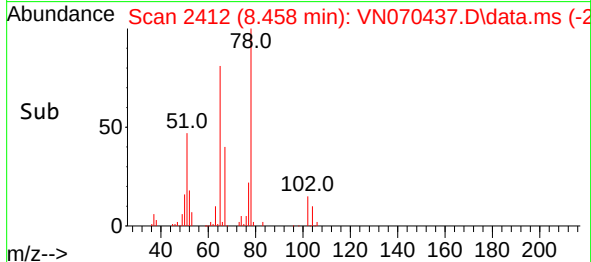
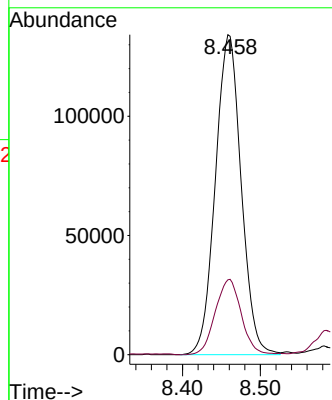
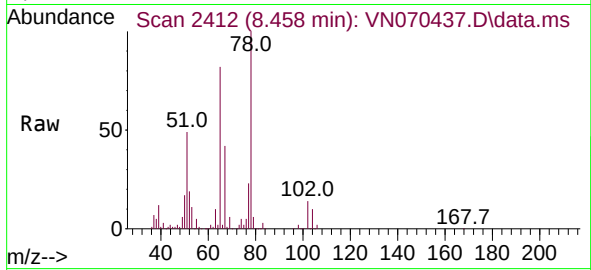




#40
Benzene
Concen: 5.850 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

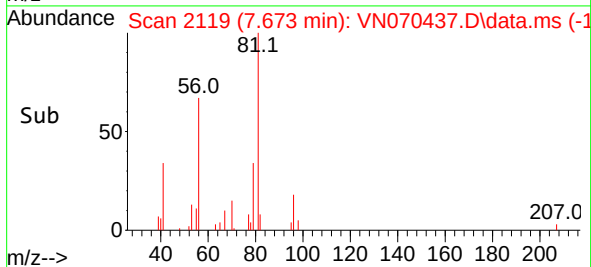
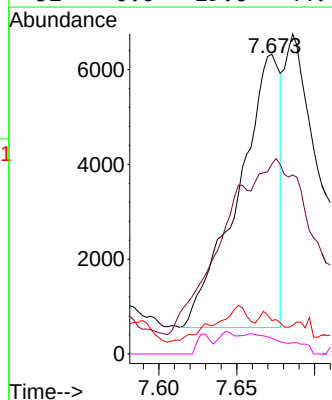
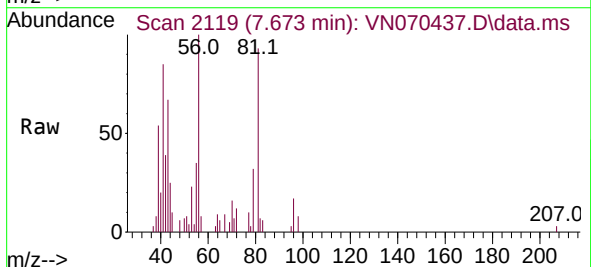
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

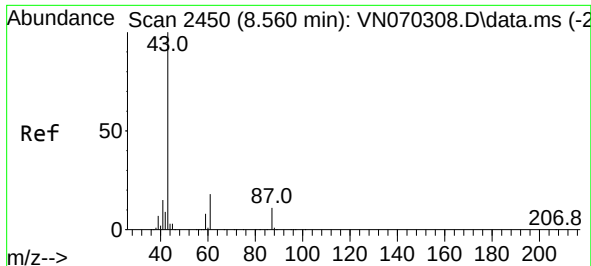
Tgt Ion: 78 Resp: 308062
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8



#41
Methacrylonitrile
Concen: 0.966 ug/l
RT: 7.673 min Scan# 2119
Delta R.T. 0.035 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 41 Resp: 10760
Ion Ratio Lower Upper
41 100
39 0.0 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#

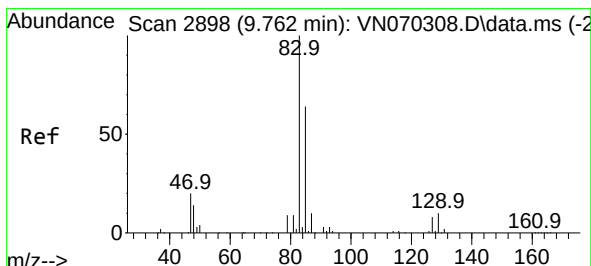
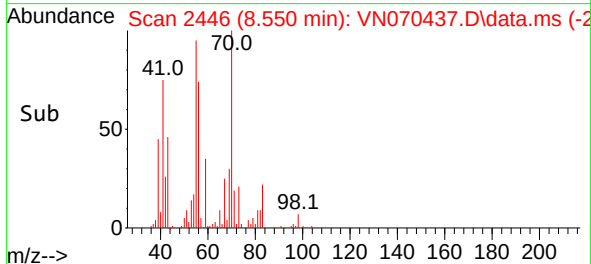
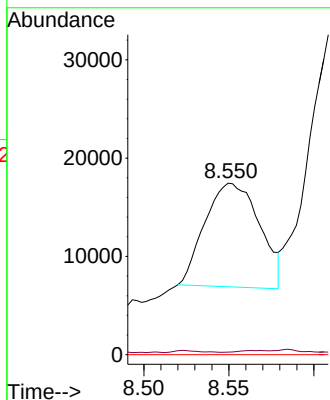
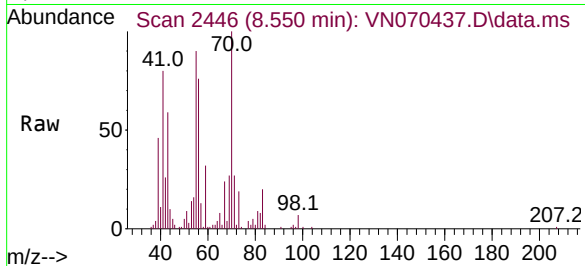




#43
Isopropyl Acetate
Concen: 0.673 ug/l
RT: 8.550 min Scan# 2446
Delta R.T. -0.011 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

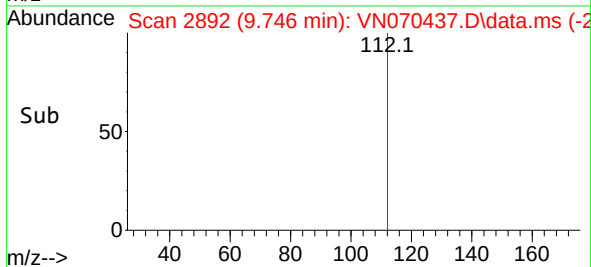
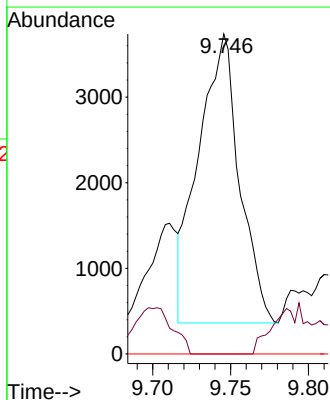
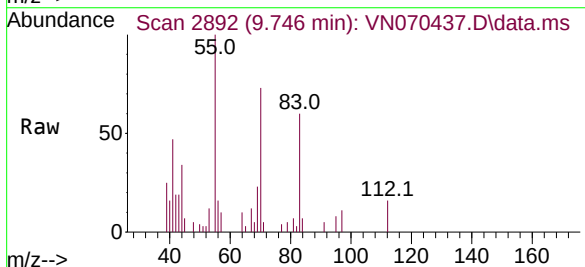
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

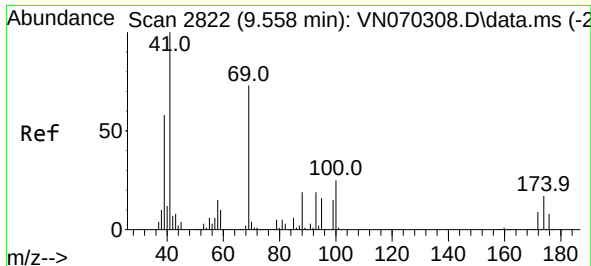
Tgt Ion: 43 Resp: 23631
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#47
Bromodichloromethane
Concen: 0.354 ug/l
RT: 9.746 min Scan# 2892
Delta R.T. -0.016 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 83 Resp: 6188
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#

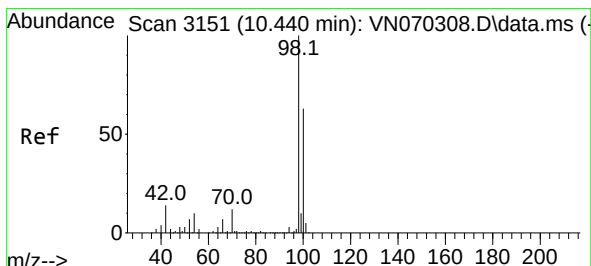
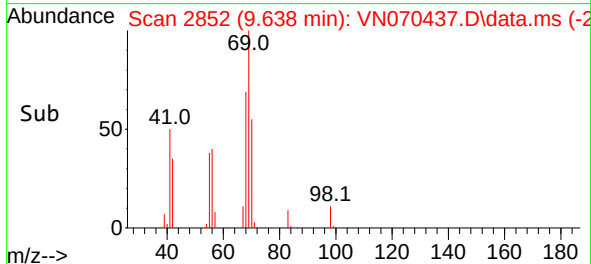
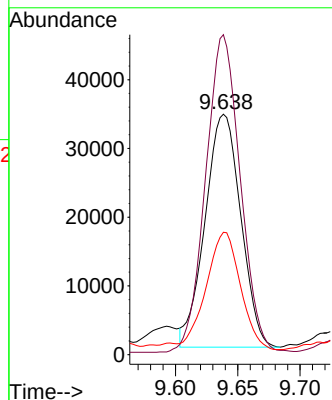
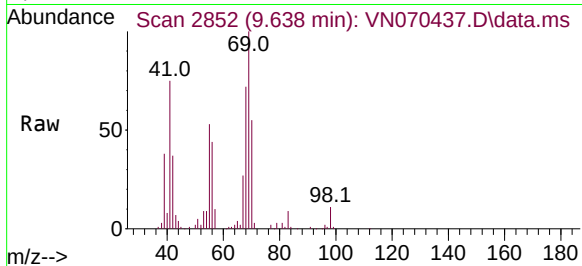




#48
Methyl methacrylate
Concen: 4.039 ug/l
RT: 9.638 min Scan# 21
Delta R.T. 0.080 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

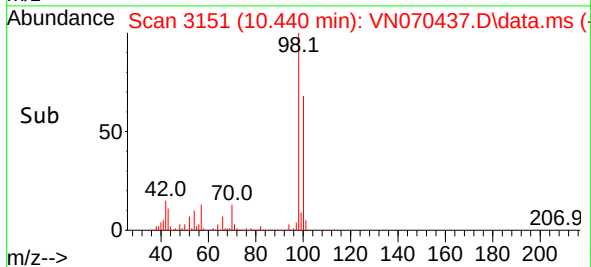
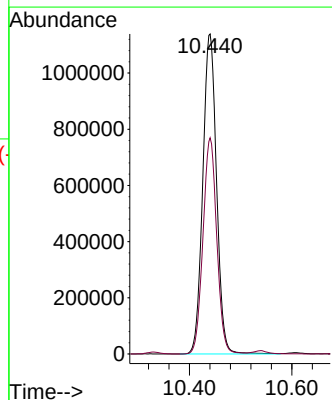
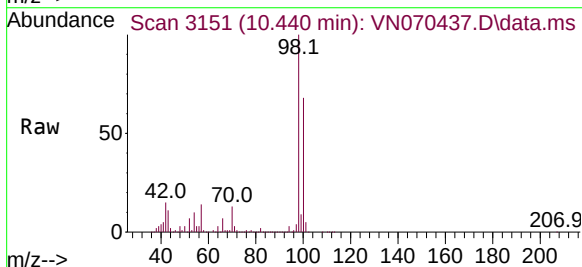
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

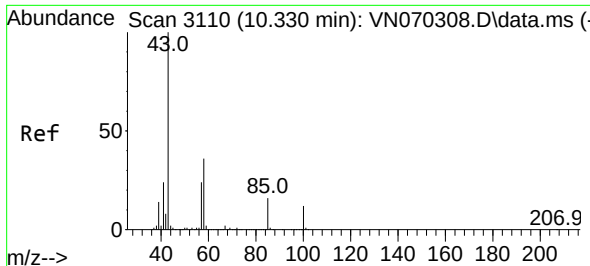
Tgt Ion: 41 Resp: 67615
Ion Ratio Lower Upper
41 100
69 132.0 72.4 108.6#
39 48.5 58.4 87.6#



#50
Toluene-d8
Concen: 50.100 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 98 Resp: 2124906
Ion Ratio Lower Upper
98 100
100 67.6 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 4.764 ug/l

RT: 10.330 min Scan# 3110

Delta R.T. 0.000 min

Lab File: VN070437.D

Acq: 3 Jan 2022 15:10

Instrument :

MSVOA_N

ClientSampleId :

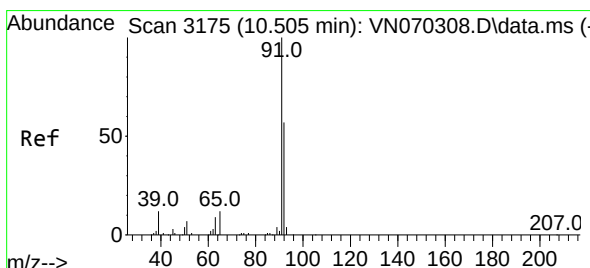
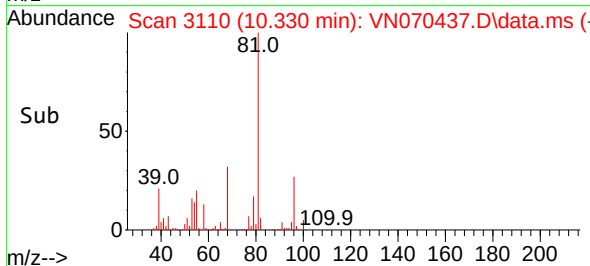
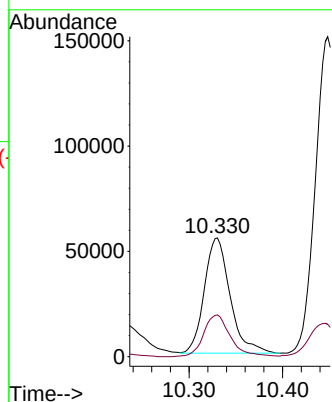
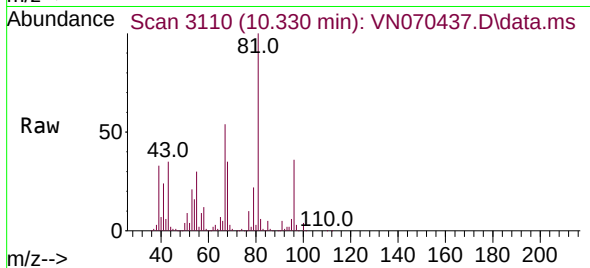
MW-1R

Tgt Ion: 43 Resp: 105074

Ion Ratio Lower Upper

43 100

58 37.7 30.4 45.6



#52

Toluene

Concen: 4.421 ug/l

RT: 10.502 min Scan# 3174

Delta R.T. -0.003 min

Lab File: VN070437.D

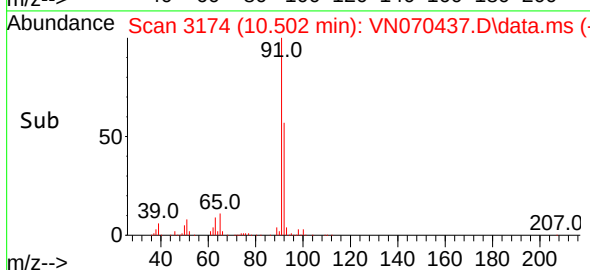
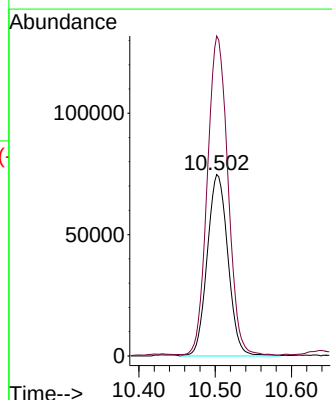
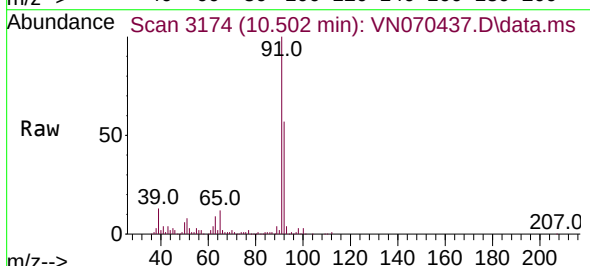
Acq: 3 Jan 2022 15:10

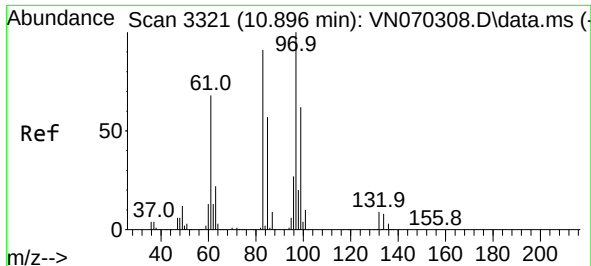
Tgt Ion: 92 Resp: 140895

Ion Ratio Lower Upper

92 100

91 174.6 142.0 213.0

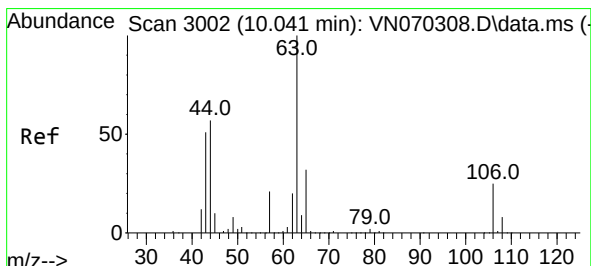
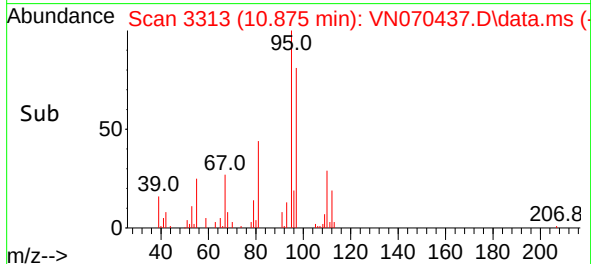
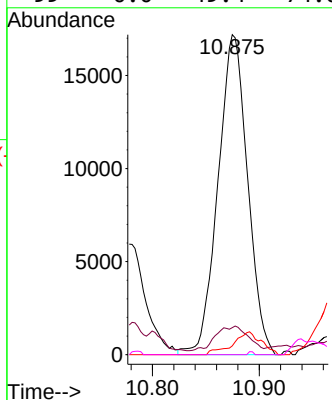
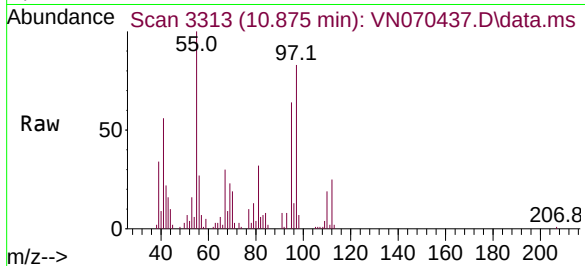




#55
1,1,2-Trichloroethane
Concen: 2.624 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

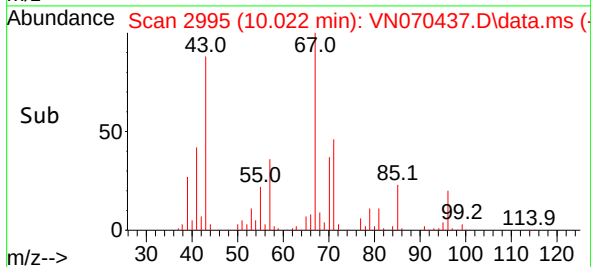
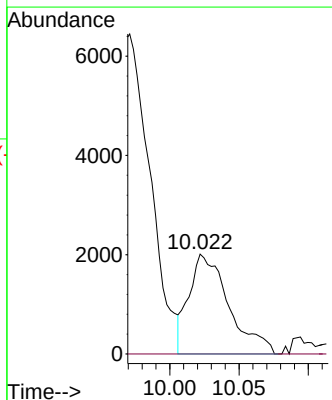
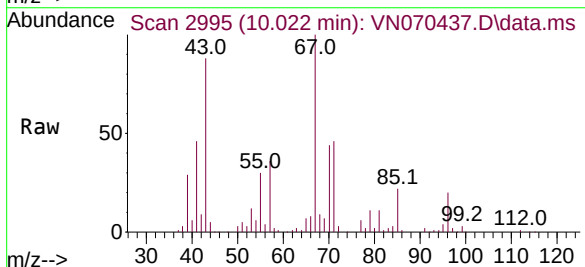
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

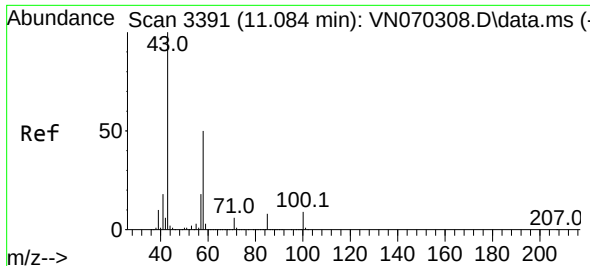
Tgt Ion: 97	Resp: 33084
Ion Ratio	Lower Upper
97 100	
83 6.9	67.8 101.6#
85 2.7	45.4 68.2#
99 0.0	49.4 74.0#



#58
2-Chloroethyl Vinyl ether
Concen: 19.214 ug/l
RT: 10.022 min Scan# 2995
Delta R.T. -0.019 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 63	Resp: 4027
Ion Ratio	Lower Upper
63 100	
106 0.0	23.9 35.9#

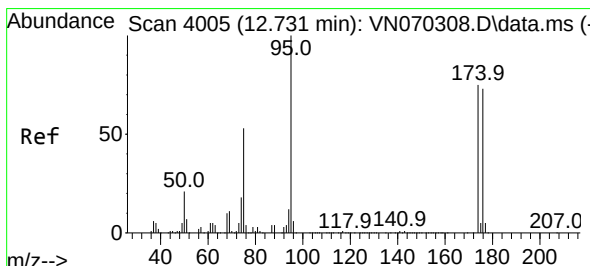
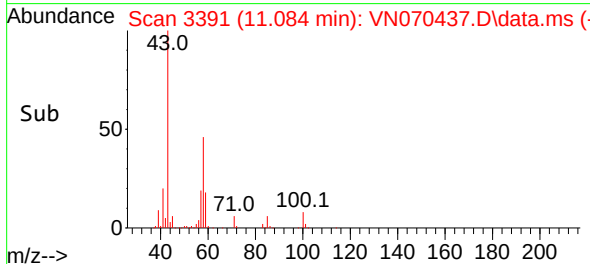
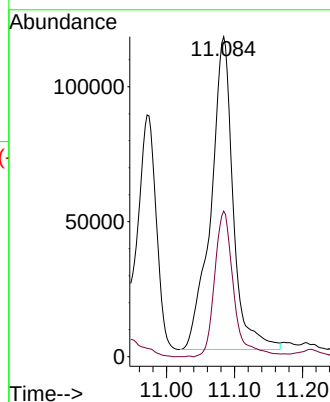
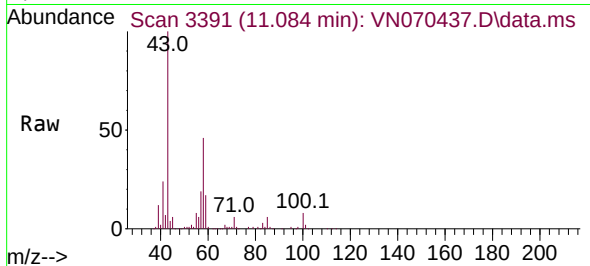




#59
2-Hexanone
Concen: 16.443 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.000 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

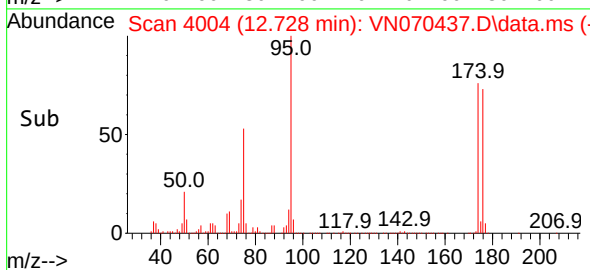
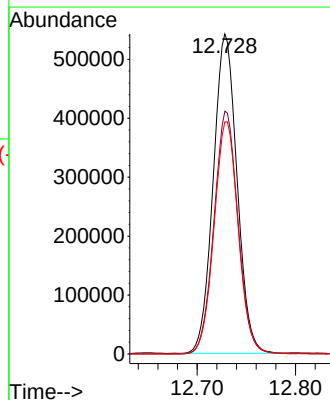
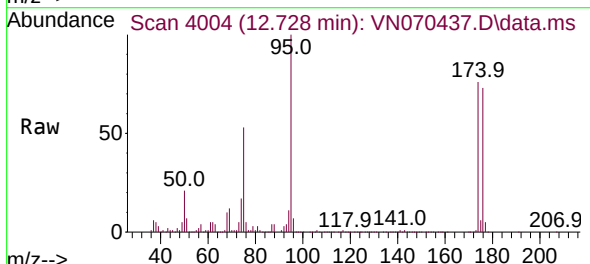
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

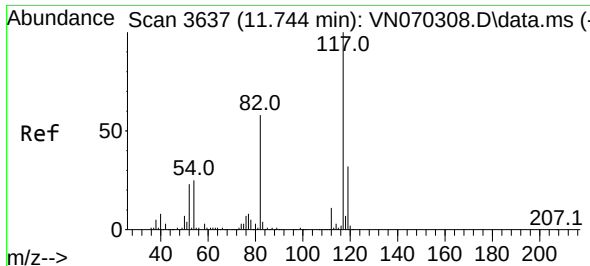
Tgt Ion: 43 Resp: 264462
Ion Ratio Lower Upper
43 100
58 39.7 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 59.562 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 95 Resp: 912412
Ion Ratio Lower Upper
95 100
174 77.0 0.0 187.2
176 73.8 0.0 181.4

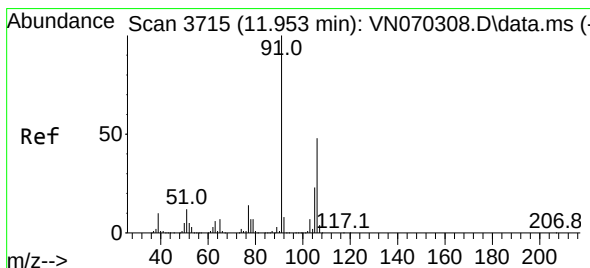
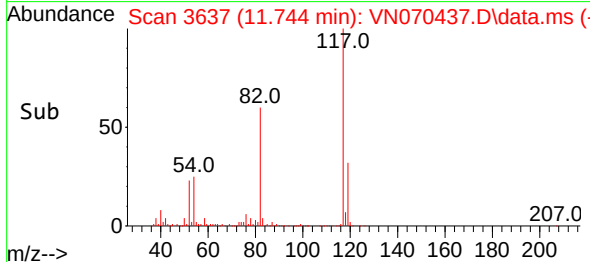
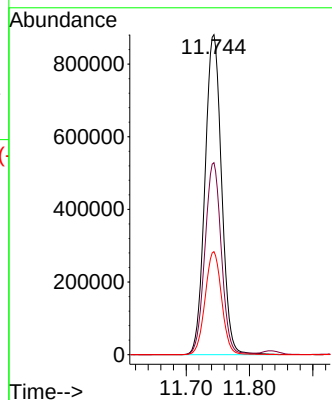
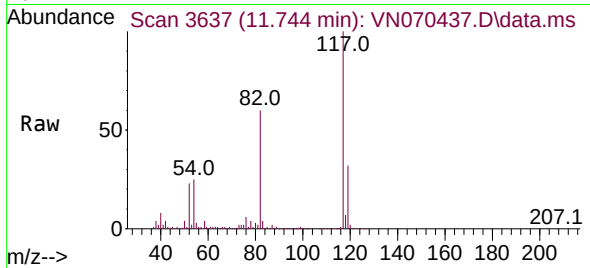




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

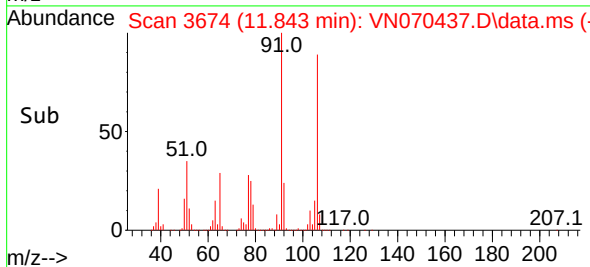
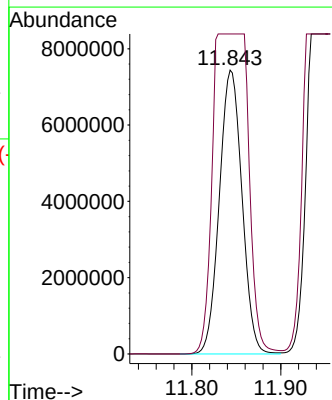
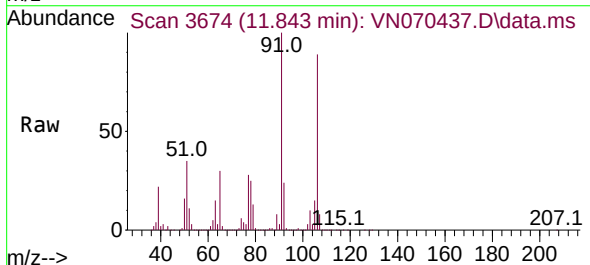
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

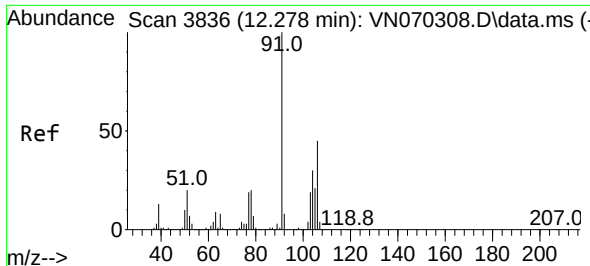
Tgt Ion:117 Resp: 1604011
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.2 25.4 38.2



#68
m/p-Xylenes
Concen: 580.331 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.110 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion:106 Resp:13172602
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8#

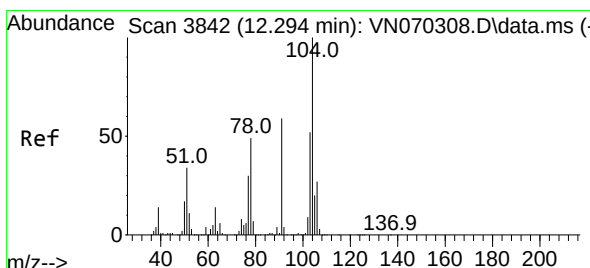
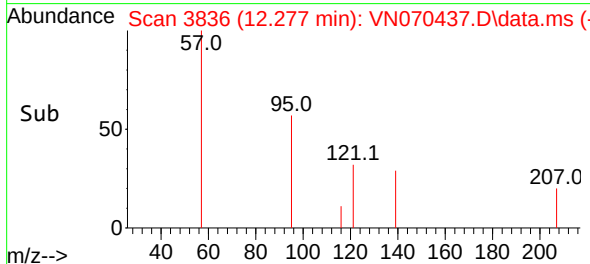
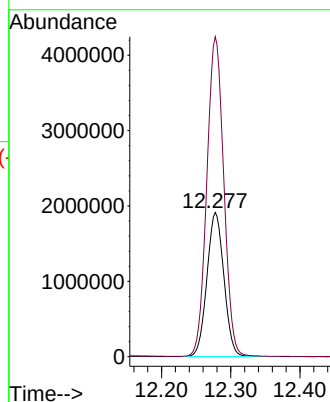
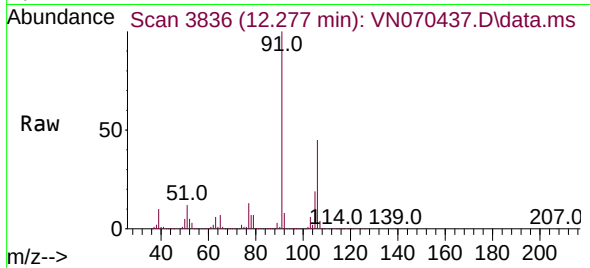




#69
o-Xylene
Concen: 144.044 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

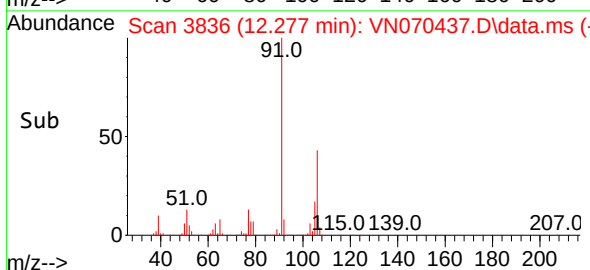
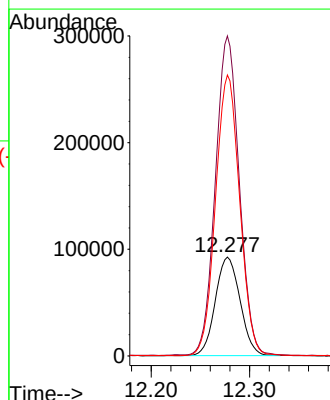
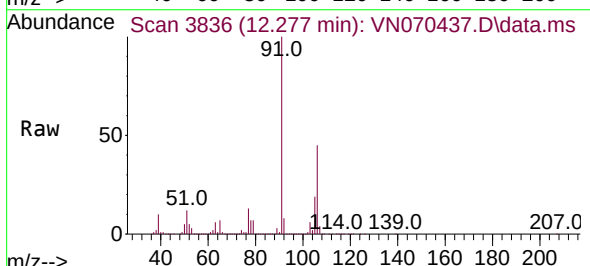
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

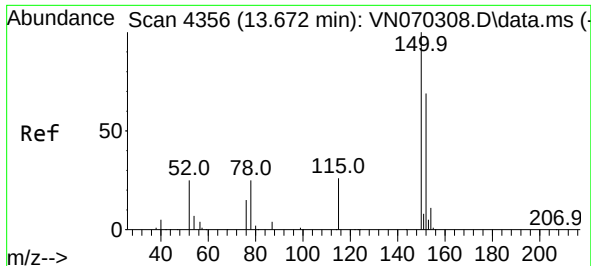
Tgt Ion:106 Resp: 3252115
Ion Ratio Lower Upper
106 100
91 221.9 105.8 317.3



#70
Styrene
Concen: 4.538 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.017 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion:104 Resp: 162154
Ion Ratio Lower Upper
104 100
78 311.1 38.7 58.1#
103 277.5 45.0 67.6#

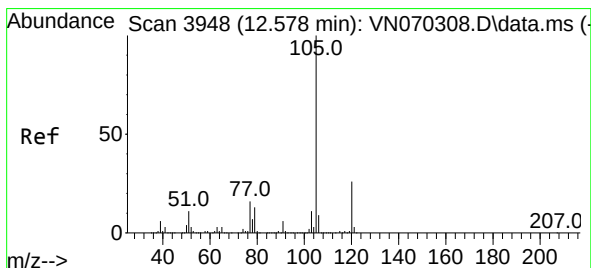
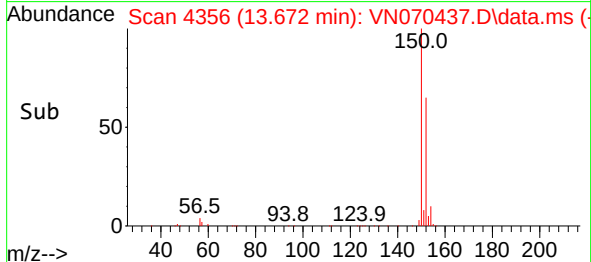
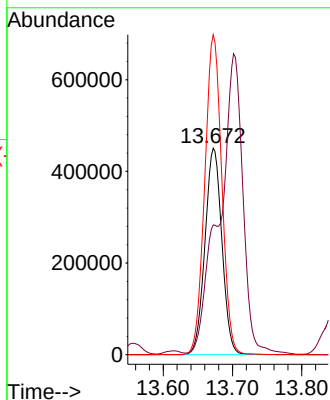
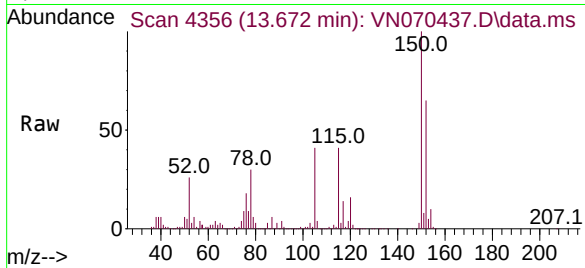




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

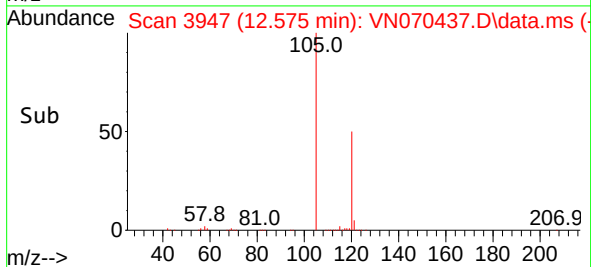
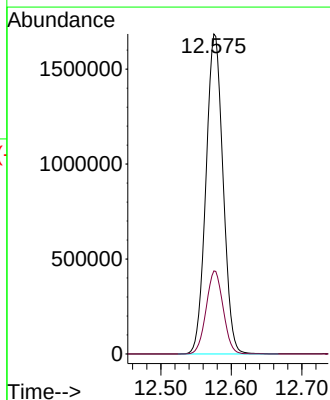
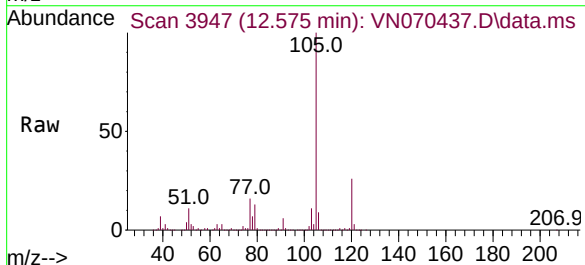
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

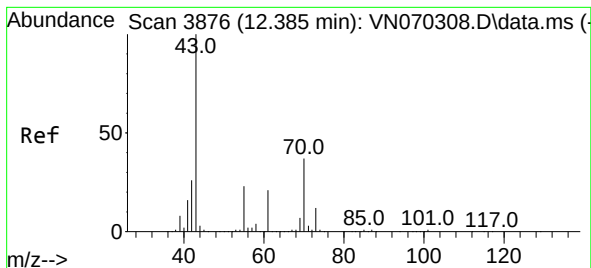
Tgt Ion:152 Resp: 765076
Ion Ratio Lower Upper
152 100
115 44.7 27.5 82.5
150 155.8 0.0 344.4



#73
Isopropylbenzene
Concen: 39.858 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion:105 Resp: 2831852
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1





#74

N-amy1 acetate

Concen: 2.385 ug/l

RT: 12.350 min Scan# 3

Delta R.T. -0.035 min

Lab File: VN070437.D

Acq: 3 Jan 2022 15:10

Instrument :

MSVOA_N

ClientSampleId :

MW-1R

Tgt Ion: 43 Resp: 71253

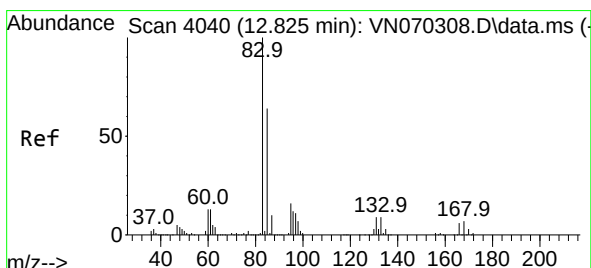
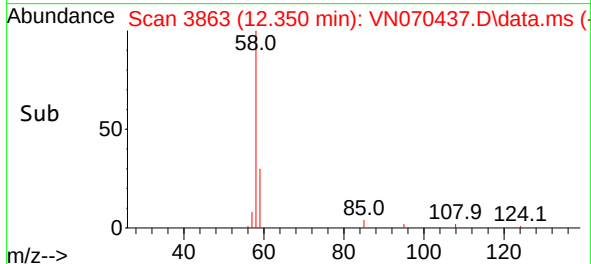
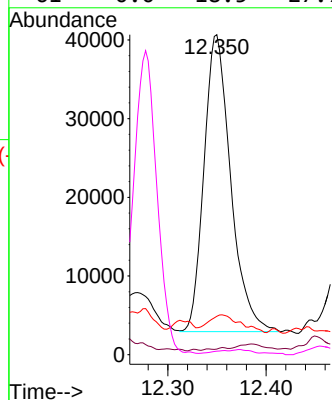
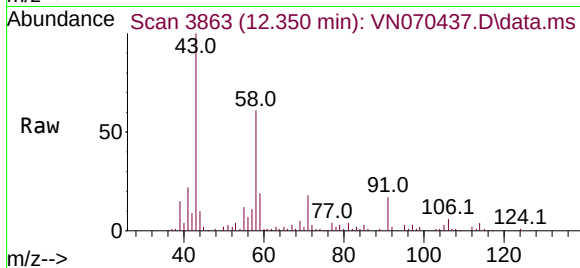
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 3.8 19.3 28.9#

61 0.0 18.5 27.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.483 ug/l

RT: 12.811 min Scan# 4035

Delta R.T. -0.014 min

Lab File: VN070437.D

Acq: 3 Jan 2022 15:10

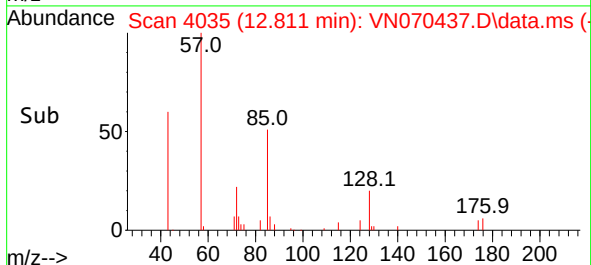
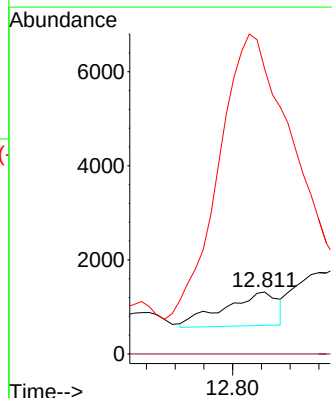
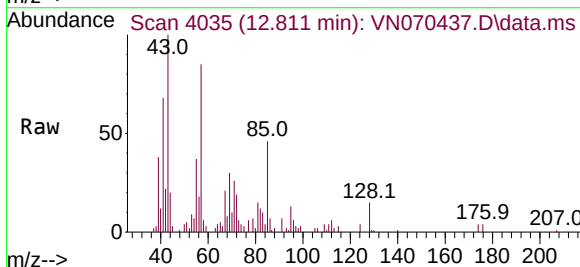
Tgt Ion: 83 Resp: 934

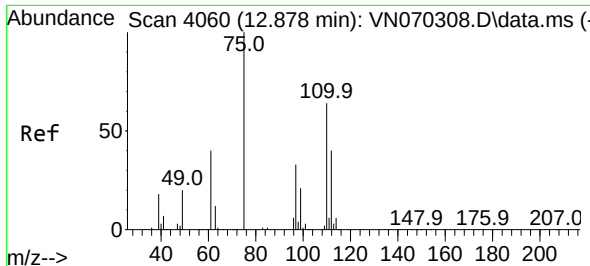
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.5#

85 1267.8 32.4 97.2#

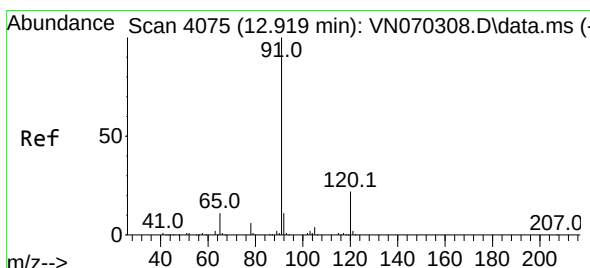
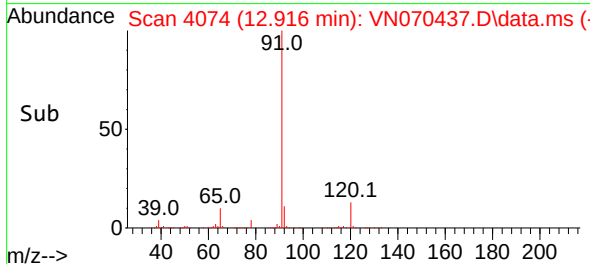
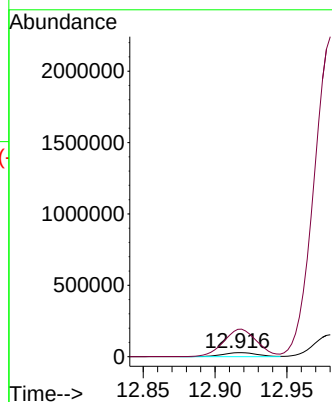
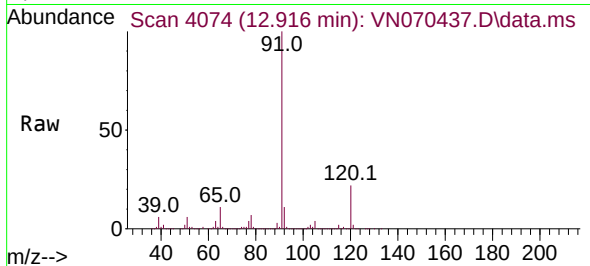




#76
1,2,3-Trichloropropane
Concen: 4.667 ug/l
RT: 12.916 min Scan# 4060
Delta R.T. 0.038 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

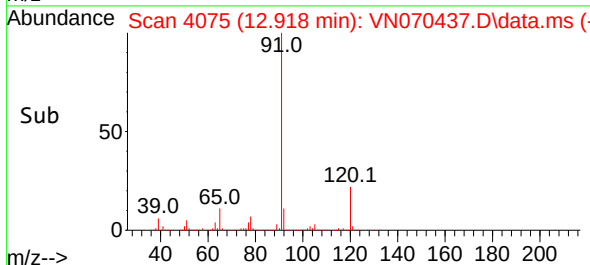
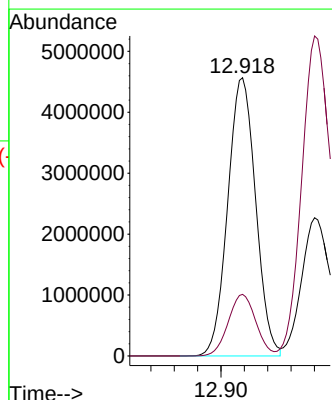
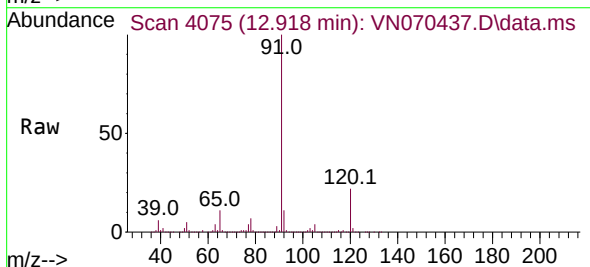
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

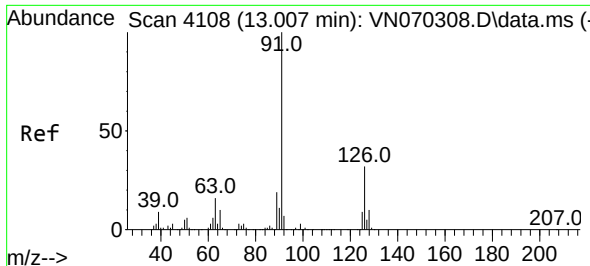
Tgt Ion: 75 Resp: 46314
Ion Ratio Lower Upper
75 100
77 670.5 82.6 247.8#



#78
n-propylbenzene
Concen: 96.157 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 91 Resp: 7569515
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9

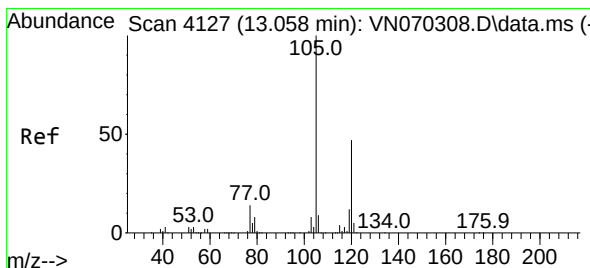
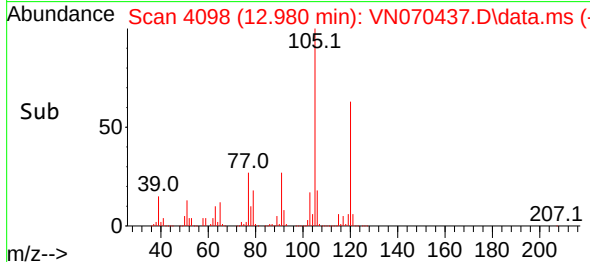
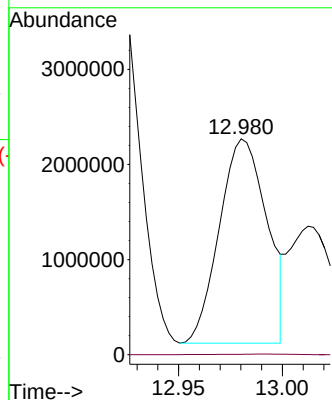
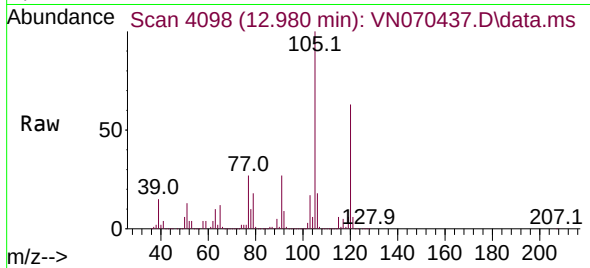




#79
2-Chlorotoluene
Concen: 67.627 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. -0.027 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

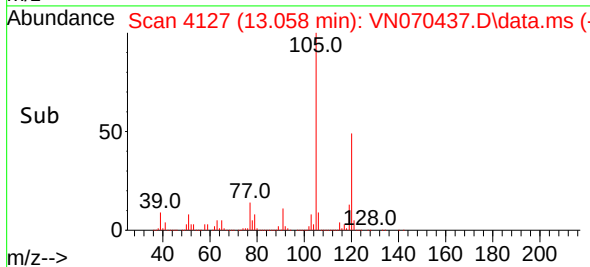
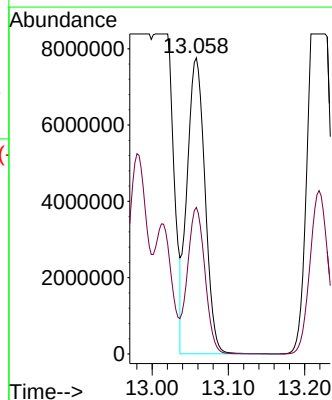
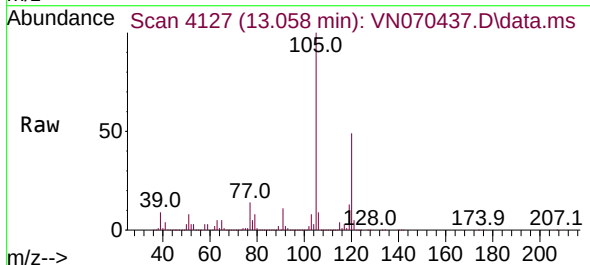
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

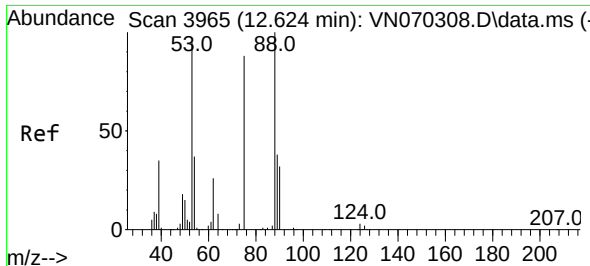
Tgt Ion: 91 Resp: 3415823
Ion Ratio Lower Upper
91 100
126 0.4 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 222.316 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 105 Resp: 12657523
Ion Ratio Lower Upper
105 100
120 48.2 24.6 73.6

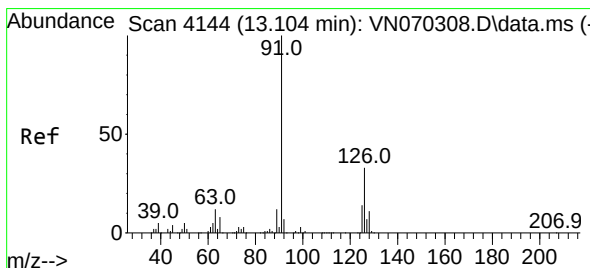
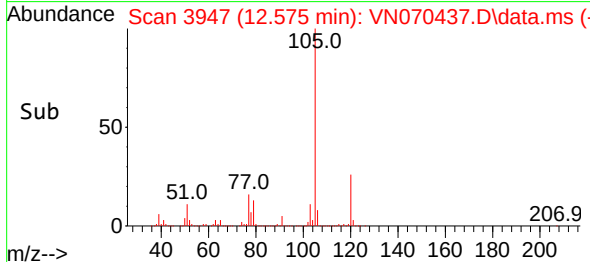
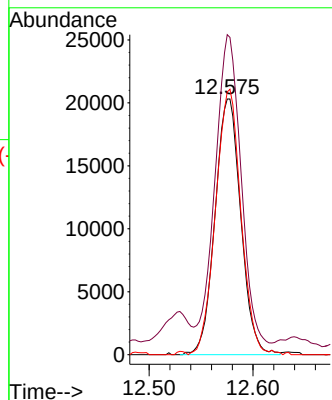
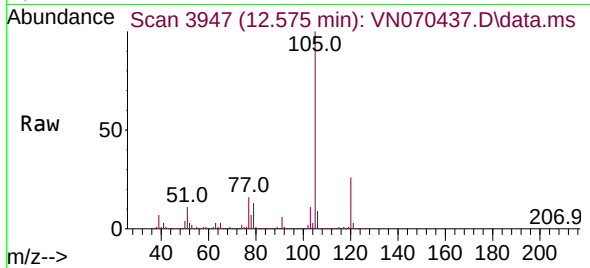




#81
trans-1,4-Dichloro-2-butene
Concen: 5.597 ug/l
RT: 12.575 min Scan# 3965
Delta R.T. -0.049 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

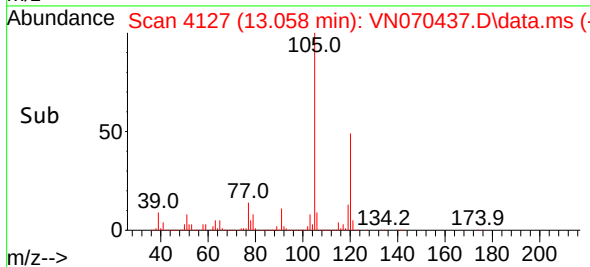
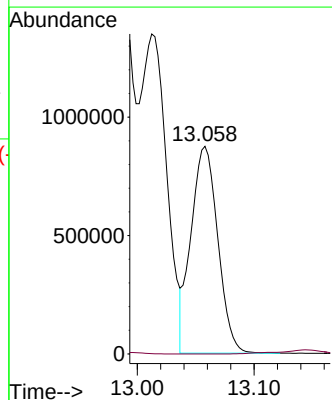
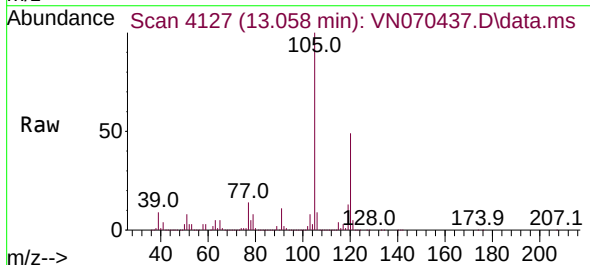
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

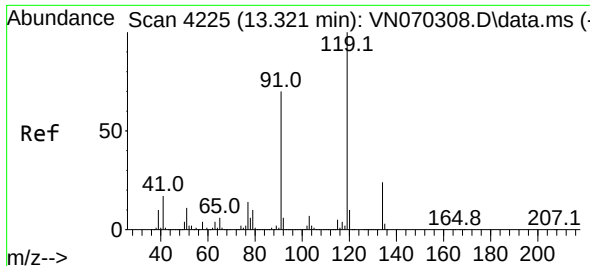
Tgt Ion: 75 Resp: 35051
Ion Ratio Lower Upper
75 100
53 120.5 90.5 135.7
89 102.4 38.2 57.4#



#82
4-Chlorotoluene
Concen: 29.445 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.046 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 91 Resp: 1393103
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

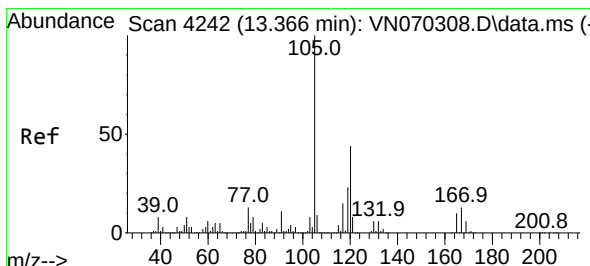
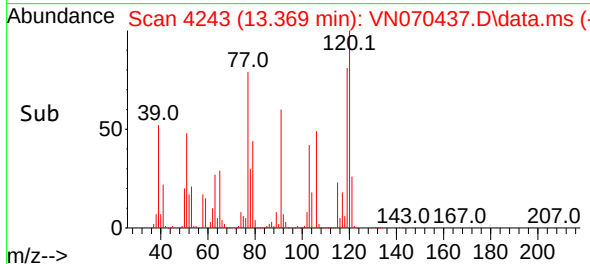
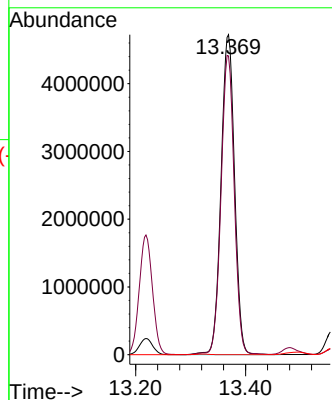
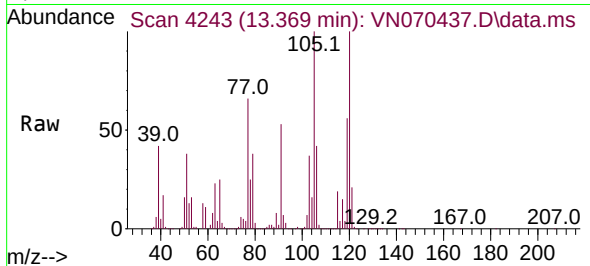




#83
 tert-Butylbenzene
 Concen: 160.710 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. 0.048 min
 Lab File: VN070437.D
 Acq: 3 Jan 2022 15:10

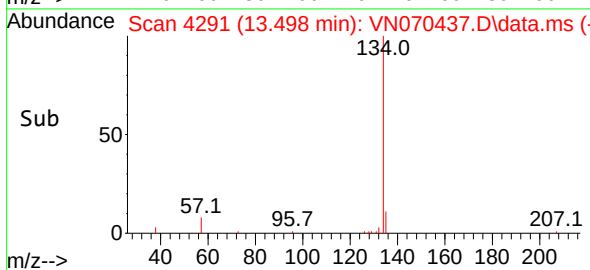
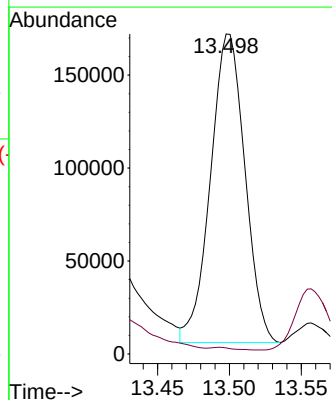
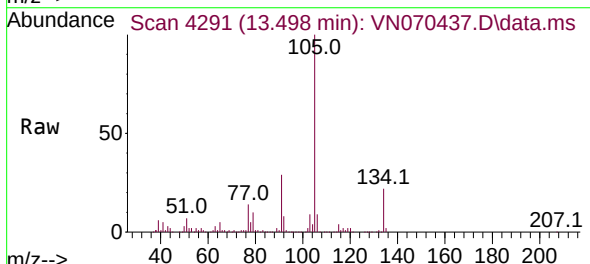
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1R

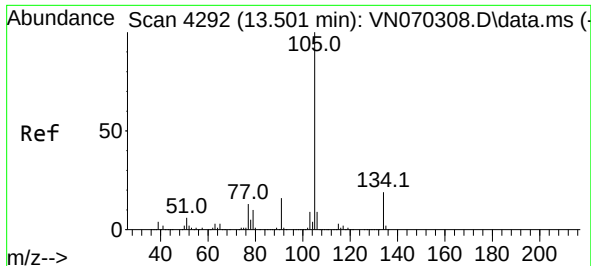
Tgt Ion:119 Resp: 8056904
 Ion Ratio Lower Upper
 119 100
 91 91.6 31.5 94.5
 134 0.0 12.4 37.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 5.035 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. 0.132 min
 Lab File: VN070437.D
 Acq: 3 Jan 2022 15:10

Tgt Ion:105 Resp: 276024
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.8 68.4#

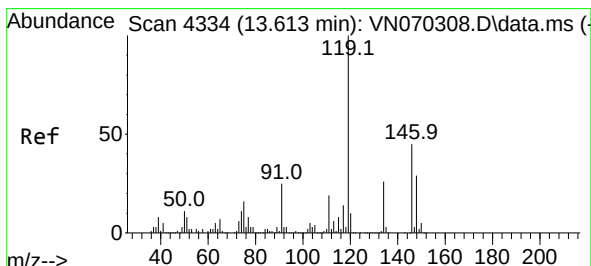
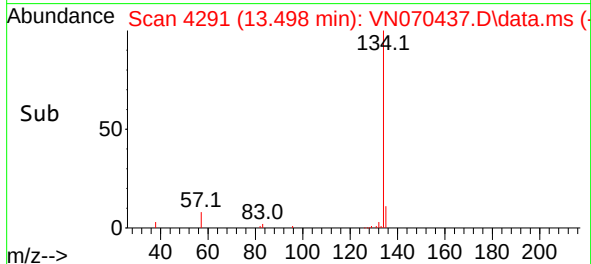
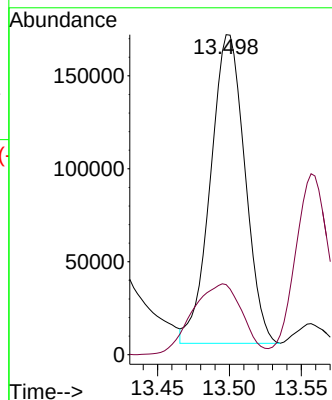
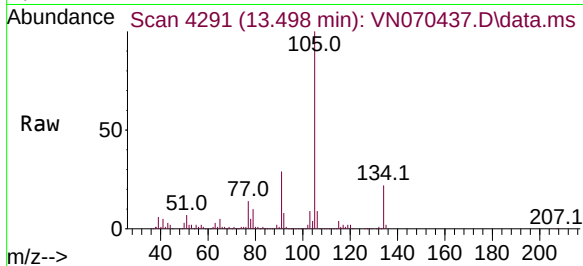




#85
 sec-Butylbenzene
 Concen: 4.055 ug/l
 RT: 13.498 min Scan# 4313
 Delta R.T. -0.003 min
 Lab File: VN070437.D
 Acq: 3 Jan 2022 15:10

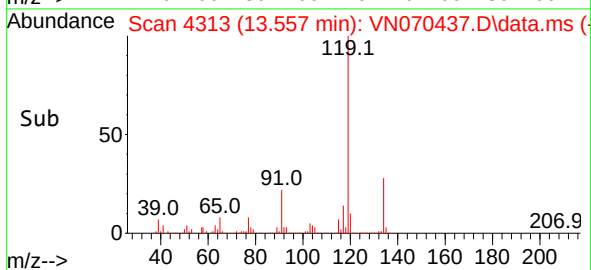
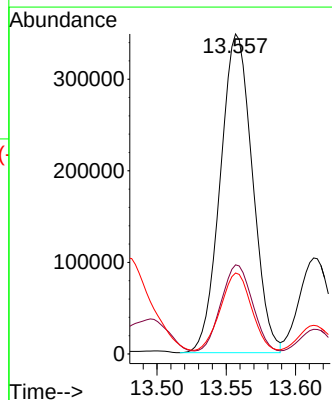
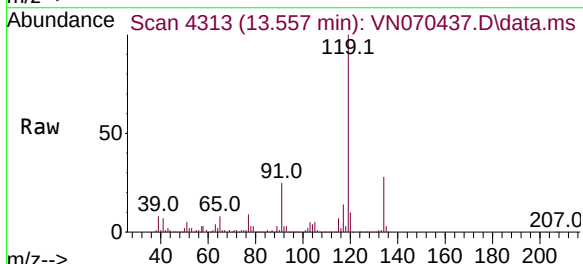
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1R

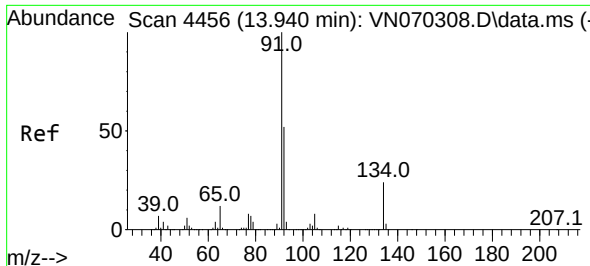
Tgt Ion:105 Resp: 276024
 Ion Ratio Lower Upper
 105 100
 134 33.4 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 10.507 ug/l
 RT: 13.557 min Scan# 4313
 Delta R.T. -0.056 min
 Lab File: VN070437.D
 Acq: 3 Jan 2022 15:10

Tgt Ion:119 Resp: 561783
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.6 40.7
 91 0.0 11.4 34.1#

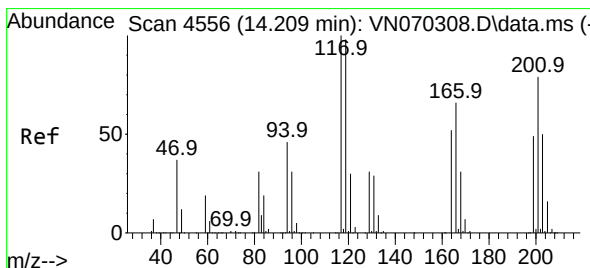
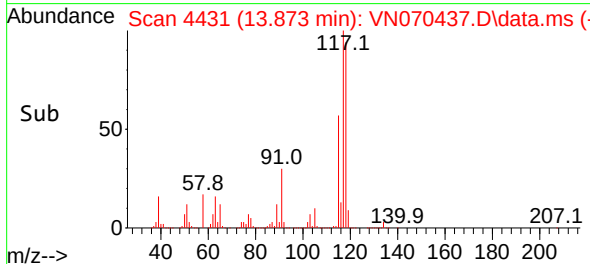
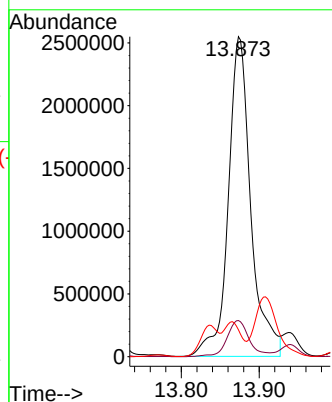
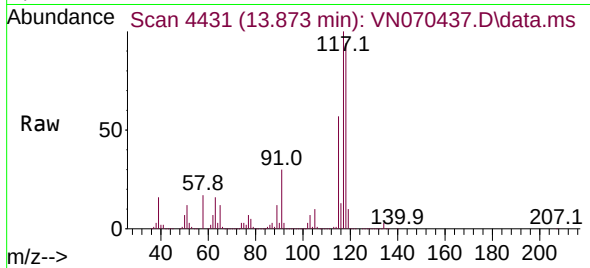




#89
n-Butylbenzene
Concen: 115.134 ug/l
RT: 13.873 min Scan# 4431
Delta R.T. -0.067 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

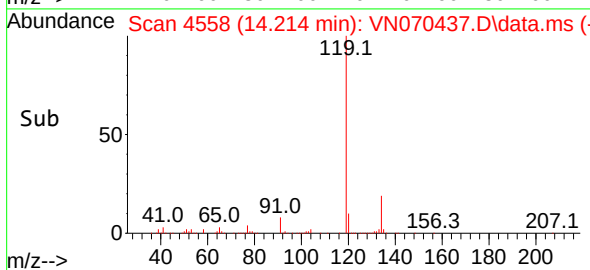
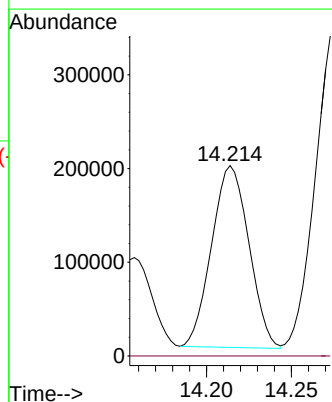
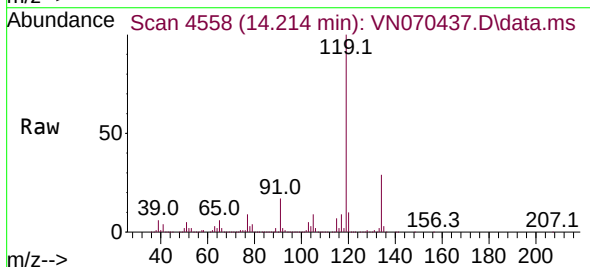
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

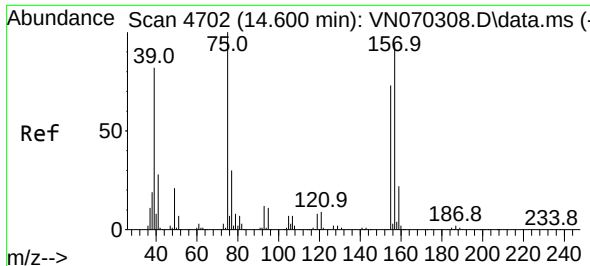
Tgt Ion: 91 Resp: 5134601
Ion Ratio Lower Upper
91 100
92 11.1 25.4 76.0#
134 4.3 13.6 40.8#



#90
Hexachloroethane
Concen: 31.937 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.005 min
Lab File: VN070437.D
Acq: 3 Jan 2022 15:10

Tgt Ion: 117 Resp: 296643
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

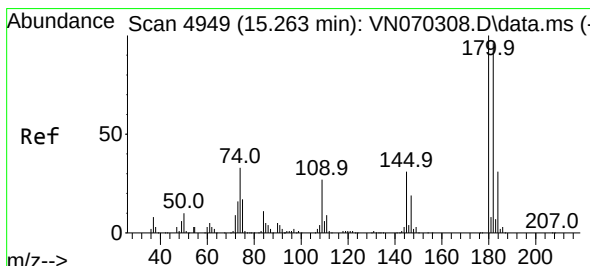
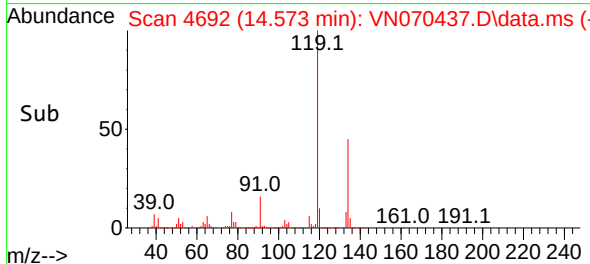
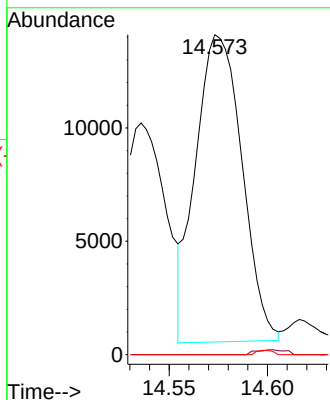
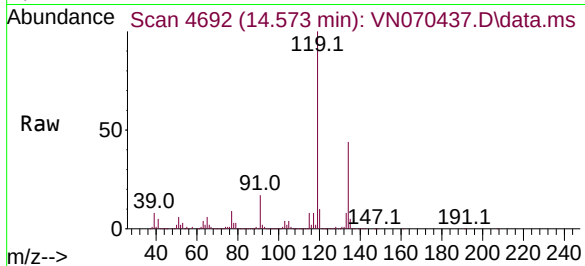




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.377 ug/l
 RT: 14.573 min Scan# 41
 Delta R.T. -0.027 min
 Lab File: VN070437.D
 Acq: 3 Jan 2022 15:10

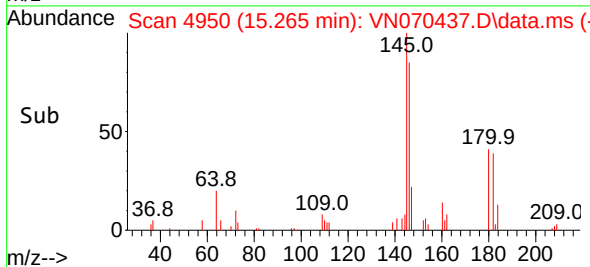
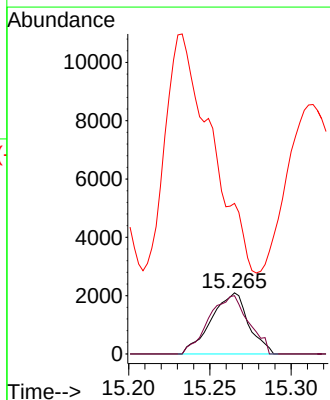
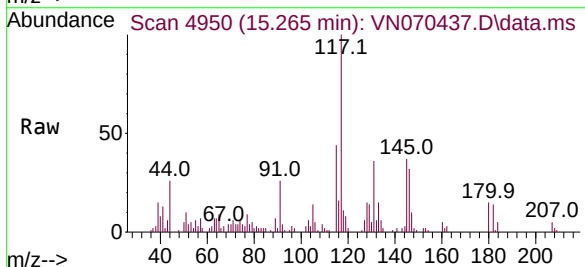
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1R

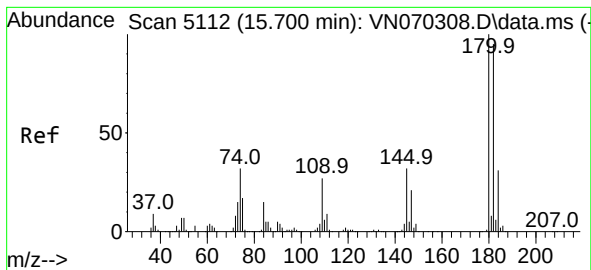
Tgt Ion: 75 Resp: 22129
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.7#
 157 0.0 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.264 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.002 min
 Lab File: VN070437.D
 Acq: 3 Jan 2022 15:10

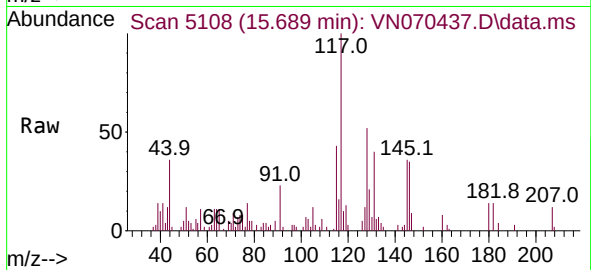
Tgt Ion: 180 Resp: 3335
 Ion Ratio Lower Upper
 180 100
 182 102.5 48.3 144.9
 145 0.0 14.5 43.5#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.946 ug/l
 RT: 15.689 min Scan# 5112
 Delta R.T. -0.011 min
 Lab File: VN070437.D
 Acq: 3 Jan 2022 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1R



Tgt Ion:180 Resp: 1475
 Ion Ratio Lower Upper
 180 100
 182 275.9 47.4 142.2#
 145 0.0 15.0 45.1#

