

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012622\
 Data File : VN070789.D
 Acq On : 26 Jan 2022 14:57
 Operator : JC/MD
 Sample : N1267-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RED-EXT-WALL

Quant Time: Jan 27 03:32:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

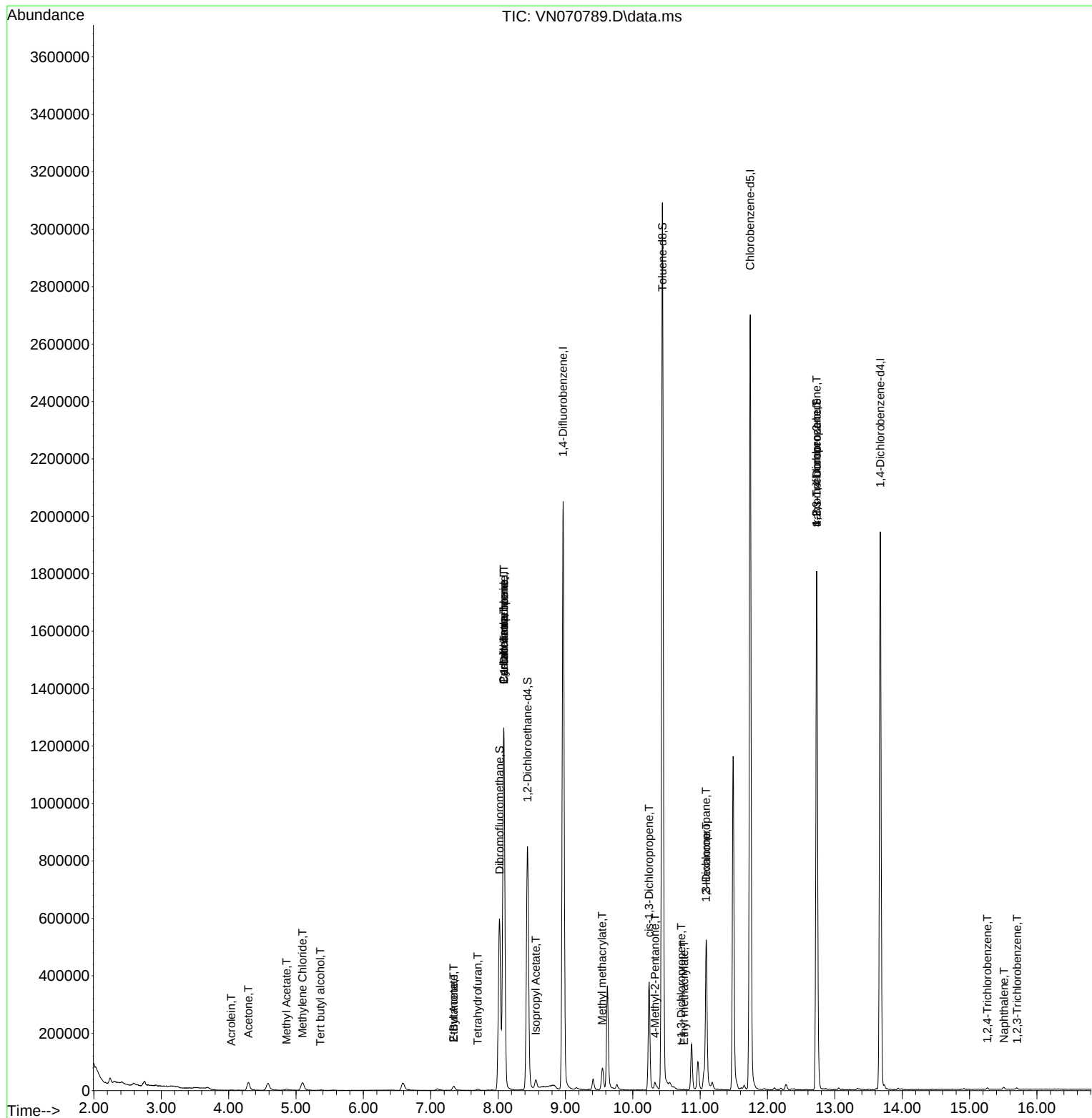
Internal Standards						
1) Pentafluorobenzene	8.086	168	950485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1760192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1567732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	538579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	710668	52.171	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 104.340%		
35) Dibromofluoromethane	8.021	113	443439	40.614	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 81.220%		
50) Toluene-d8	10.440	98	2185369	47.511	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 95.020%		
62) 4-Bromofluorobenzene	12.731	95	681782	41.596	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 83.200%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.361	59	639	0.260	ug/l #	71
13) Acrolein	4.039	56	718	0.204	ug/l #	77
16) Acetone	4.293	43	49415	5.227	ug/l	99
18) Methyl Acetate	4.857	43	4342	0.234	ug/l #	84
20) Methylene Chloride	5.095	84	12913	1.037	ug/l	86
25) 2-Butanone	7.340	43	25471	2.141	ug/l	92
29) Tetrahydrofuran	7.697	42	3250	0.446	ug/l #	62
30) Chloroform	8.080	83	92	Below Cal	#	18
31) Cyclohexane	8.083	56	21860	0.911	ug/l #	2
36) 1,1-Dichloropropene	8.086	75	76575	4.166	ug/l #	49
37) Ethyl Acetate	7.340	43	25471	1.044	ug/l #	68
38) Carbon Tetrachloride	8.086	117	95773	5.857	ug/l #	17
43) Isopropyl Acetate	8.560	43	42545	1.141	ug/l #	86
48) Methyl methacrylate	9.545	41	20094	1.132	ug/l #	26
51) 4-Methyl-2-Pentanone	10.330	43	26817	1.128	ug/l #	78
53) t-1,3-Dichloropropene	10.719	75	179	2.411	ug/l #	67
54) cis-1,3-Dichloropropene	10.242	75	65755	2.977	ug/l #	65
56) Ethyl methacrylate	10.762	69	407	2.317	ug/l #	24
57) 1,3-Dichloropropane	11.087	76	5236	0.221	ug/l #	43
59) 2-Hexanone	11.089	43	99244	5.744	ug/l #	57
76) 1,2,3-Trichloropropane	12.731	75	353036	24.715	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	353036	73.629	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.265	180	2200	3.631	ug/l	83
95) Naphthalene	15.509	128	7983	5.206	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.705	180	2165	3.429	ug/l	95

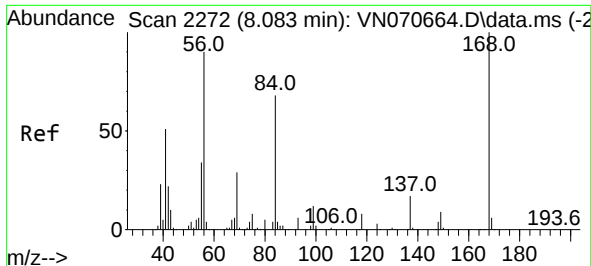
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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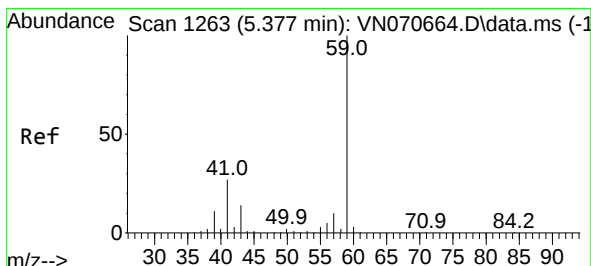
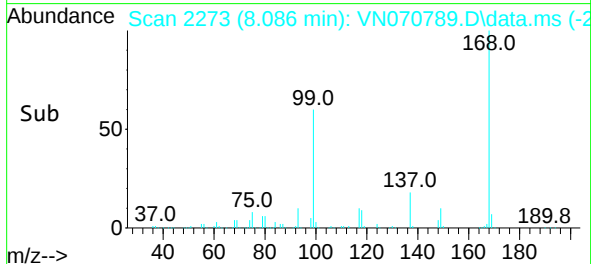
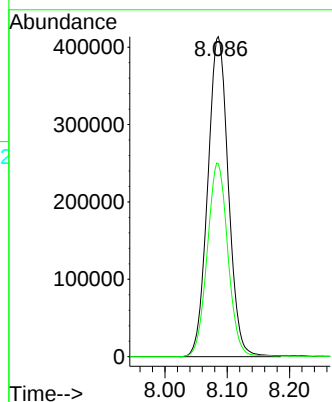
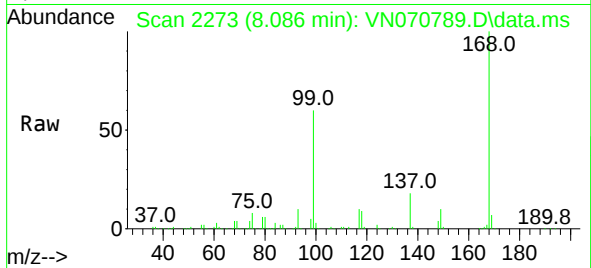




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

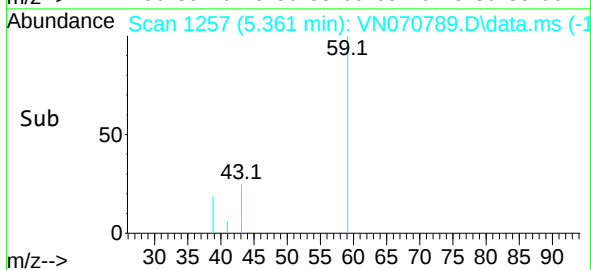
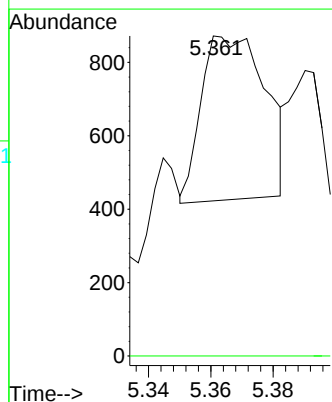
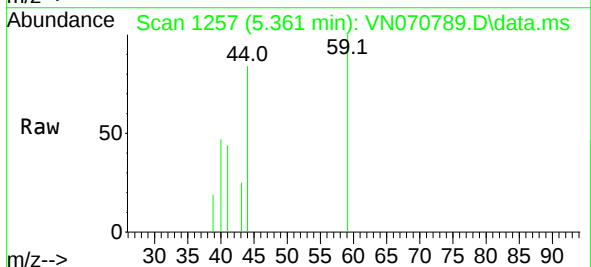
Instrument :
MSVOA_N
ClientSampleId :
RED-EXT-WALL

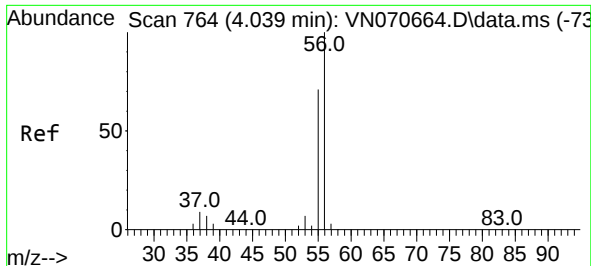
Tgt Ion:168 Resp: 950485
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 0.260 ug/l
RT: 5.361 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

Tgt Ion: 59 Resp: 639
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

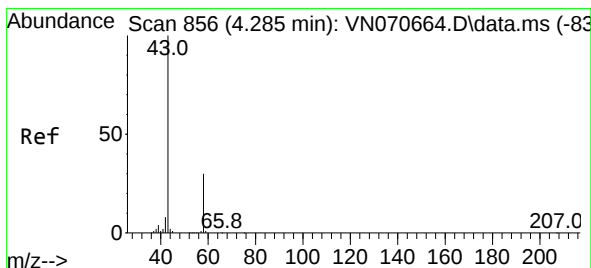
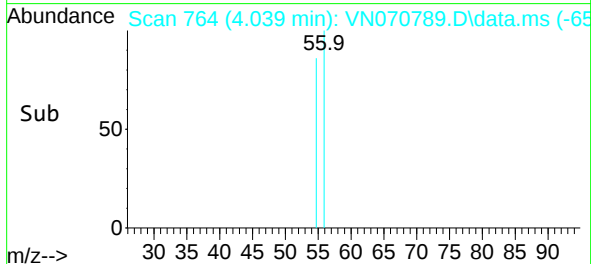
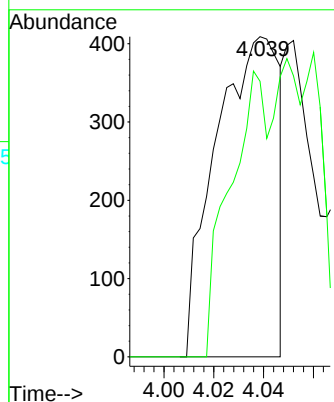
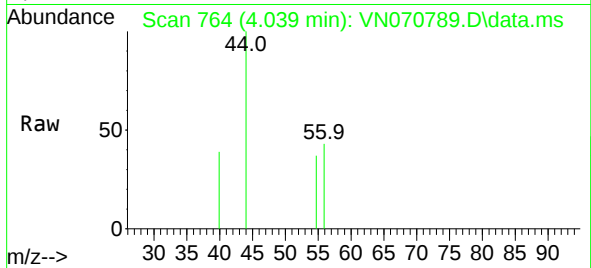




#13
Acrolein
Concen: 0.204 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

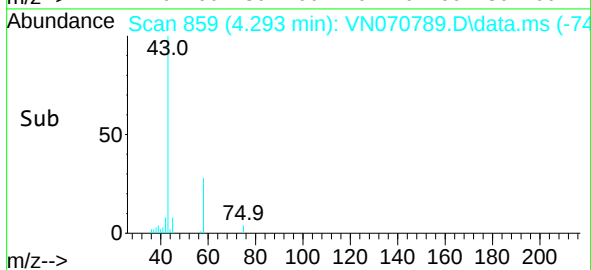
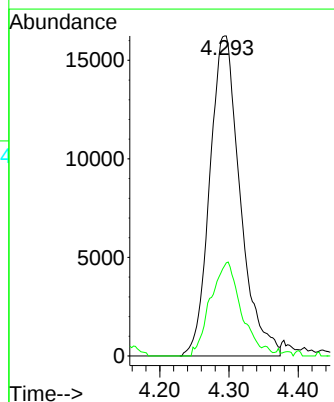
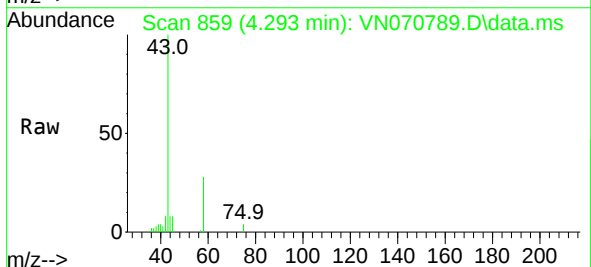
Instrument :
MSVOA_N
ClientSampleId :
RED-EXT-WALL

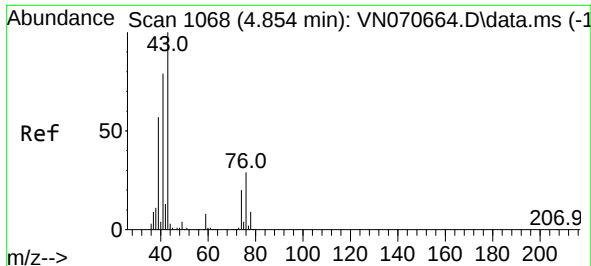
Tgt Ion: 56 Resp: 718
Ion Ratio Lower Upper
56 100
55 51.9 56.6 85.0#



#16
Acetone
Concen: 5.227 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

Tgt Ion: 43 Resp: 49415
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7





#18

Methyl Acetate

Concen: 0.234 ug/l

RT: 4.857 min Scan# 1

Delta R.T. 0.003 min

Lab File: VN070789.D

Acq: 26 Jan 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

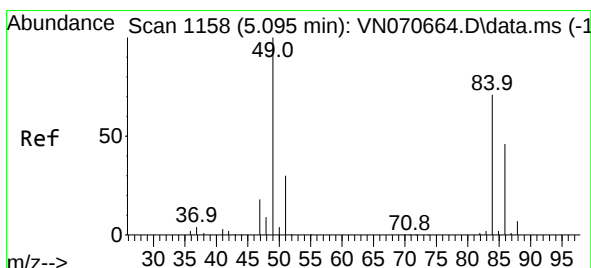
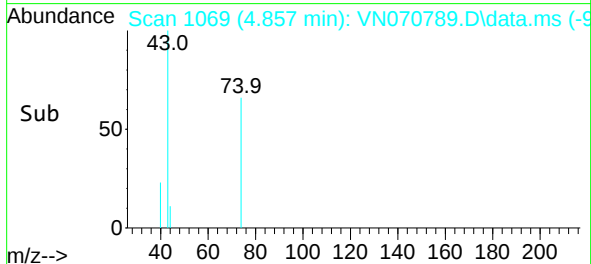
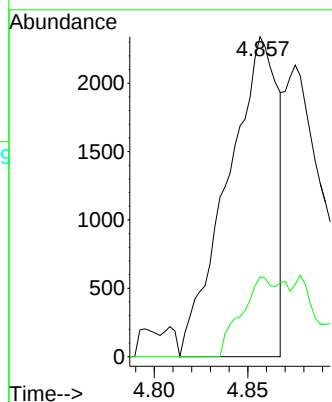
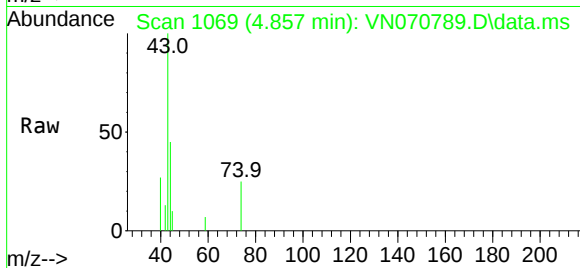
RED-EXT-WALL

Tgt Ion: 43 Resp: 4342

Ion Ratio Lower Upper

43 100

74 16.4 19.4 29.2#



#20

Methylene Chloride

Concen: 1.037 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN070789.D

Acq: 26 Jan 2022 14:57

Tgt Ion: 84 Resp: 12913

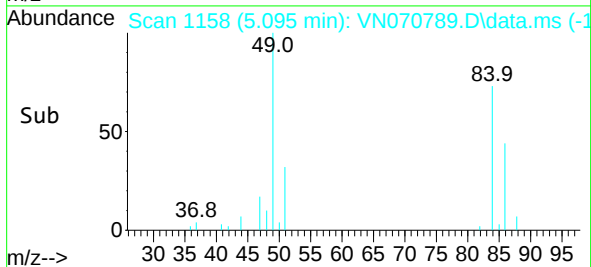
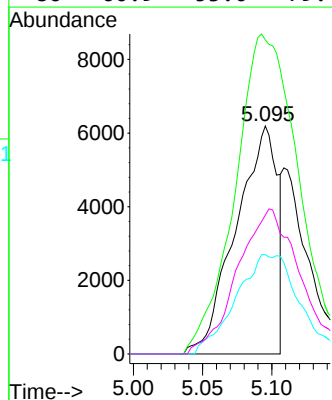
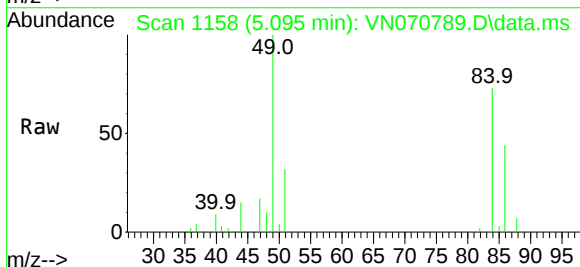
Ion Ratio Lower Upper

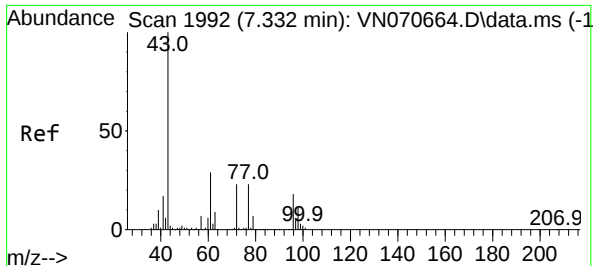
84 100

49 137.8 93.5 140.3

51 43.6 29.4 44.2

86 60.9 53.0 79.4





#25

2-Butanone

Concen: 2.141 ug/l

RT: 7.340 min Scan# 1992

Delta R.T. 0.008 min

Lab File: VN070789.D

Acq: 26 Jan 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

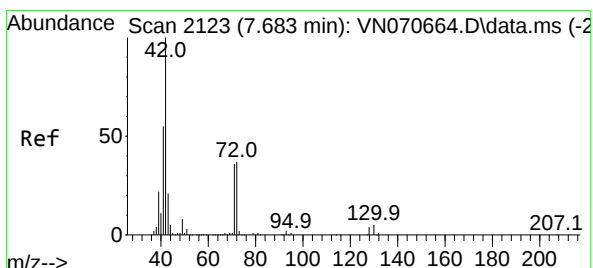
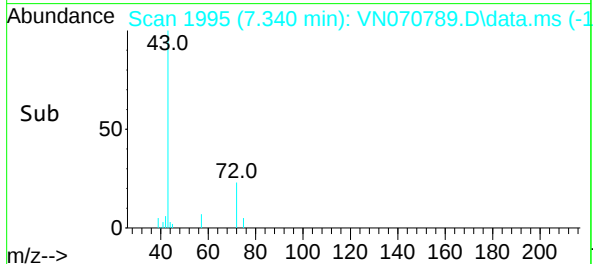
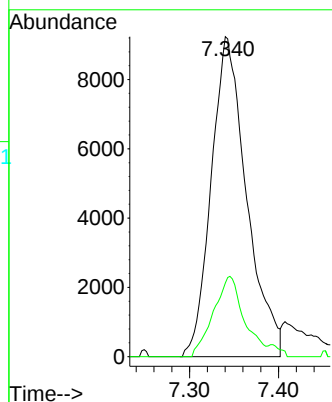
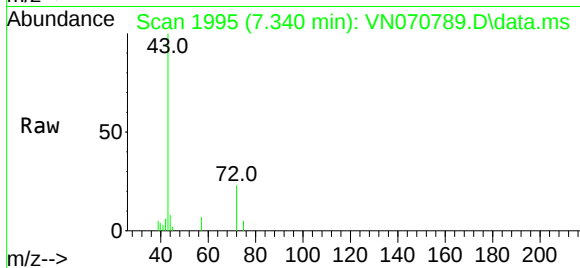
RED-EXT-WALL

Tgt Ion: 43 Resp: 25471

Ion Ratio Lower Upper

43 100

72 23.0 21.7 32.5



#29

Tetrahydrofuran

Concen: 0.446 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.014 min

Lab File: VN070789.D

Acq: 26 Jan 2022 14:57

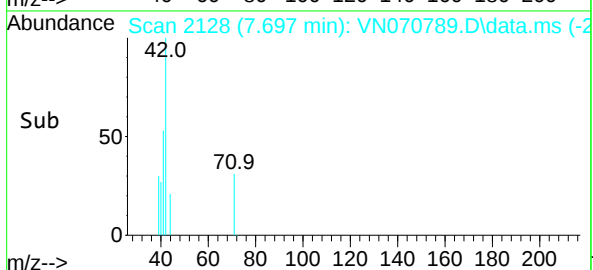
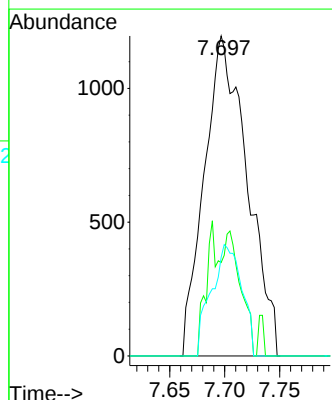
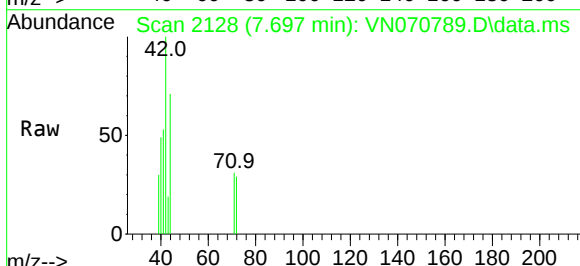
Tgt Ion: 42 Resp: 3250

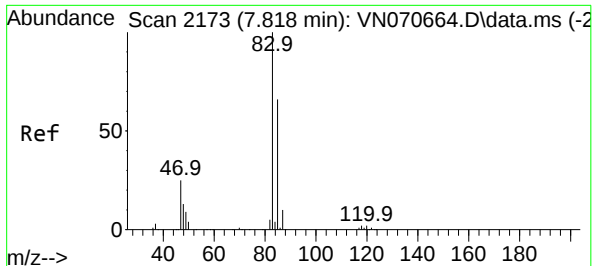
Ion Ratio Lower Upper

42 100

72 15.4 36.3 54.5#

71 24.7 34.7 52.1#

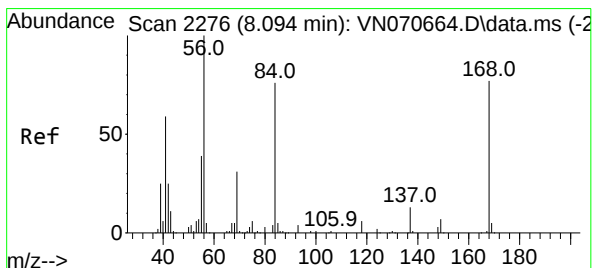
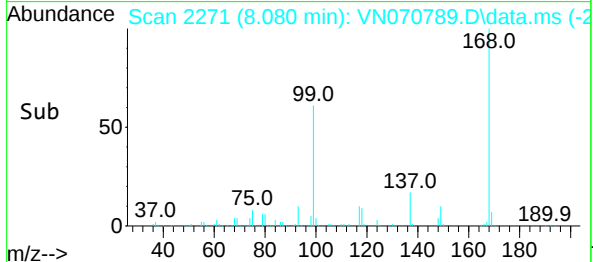
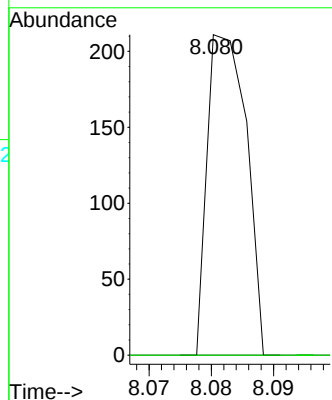
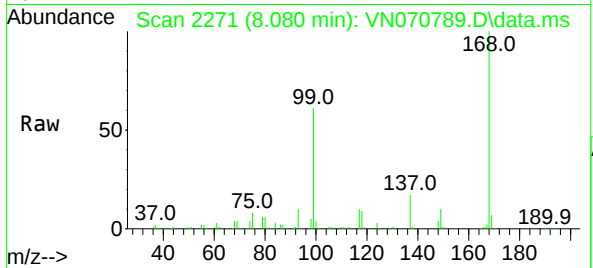




#30
Chloroform
Concen: Below Cal
RT: 8.080 min Scan# 2173
Delta R.T. 0.262 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

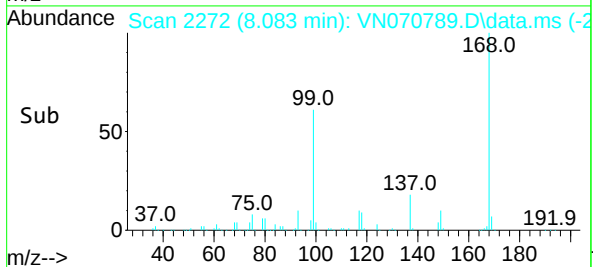
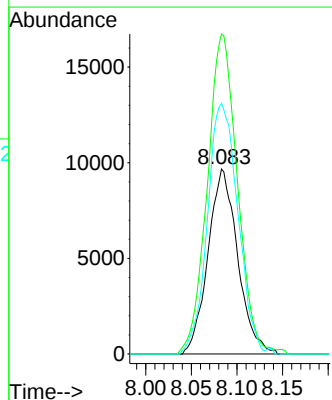
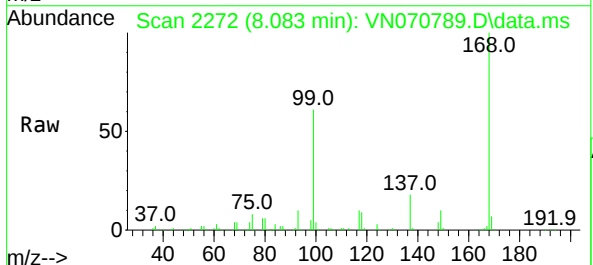
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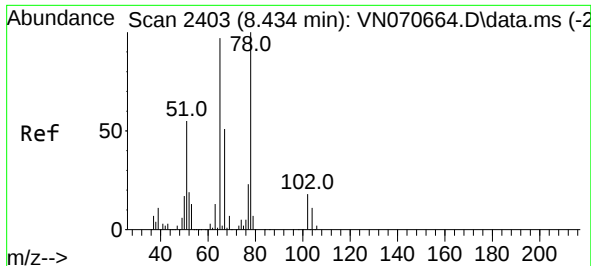
Tgt Ion: 83 Resp: 92
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#



#31
Cyclohexane
Concen: 0.911 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

Tgt Ion: 56 Resp: 21860
Ion Ratio Lower Upper
56 100
69 171.1 27.1 40.7#
84 135.5 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 52.171 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070789.D

Acq: 26 Jan 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

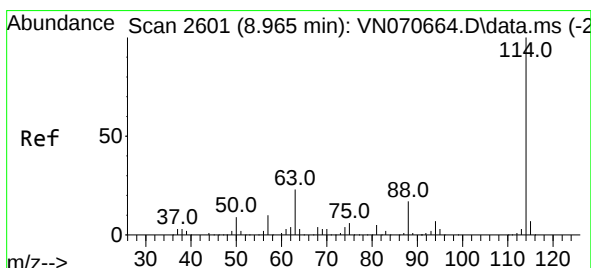
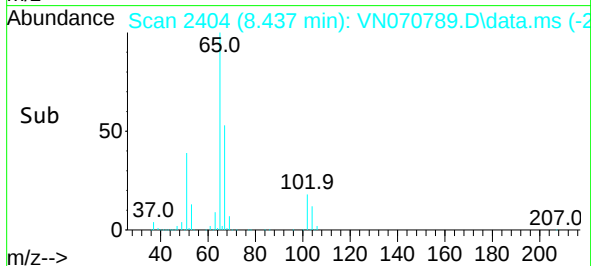
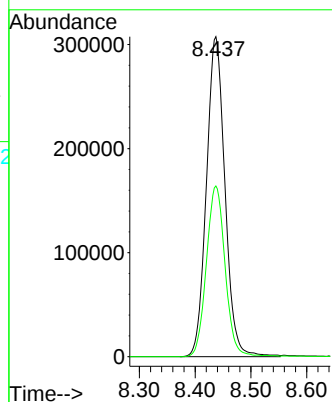
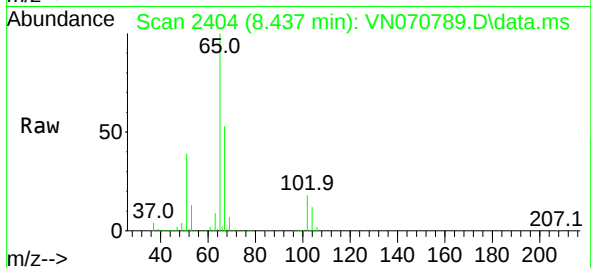
RED-EXT-WALL

Tgt Ion: 65 Resp: 710668

Ion Ratio Lower Upper

65 100

67 53.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070789.D

Acq: 26 Jan 2022 14:57

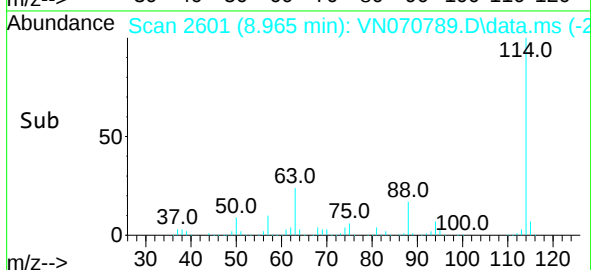
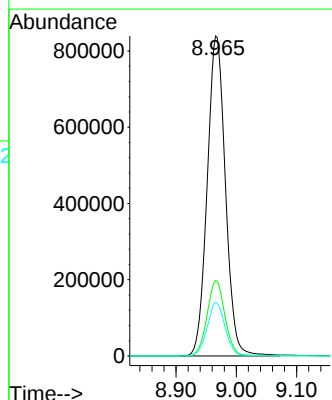
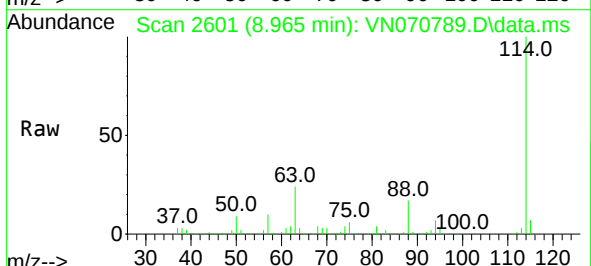
Tgt Ion: 114 Resp: 1760192

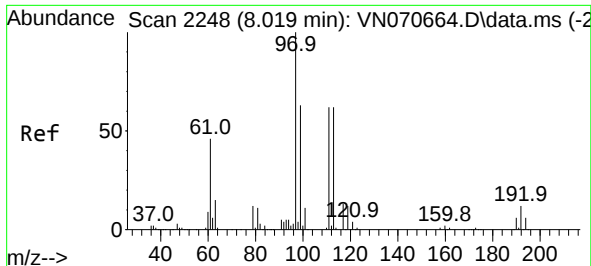
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.8 0.0 27.4

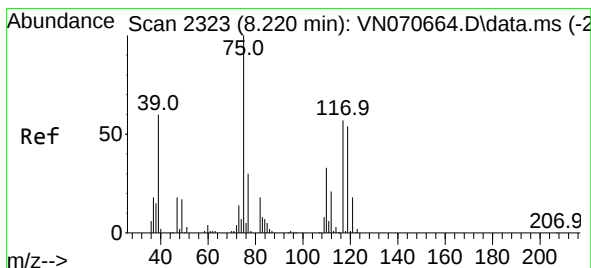
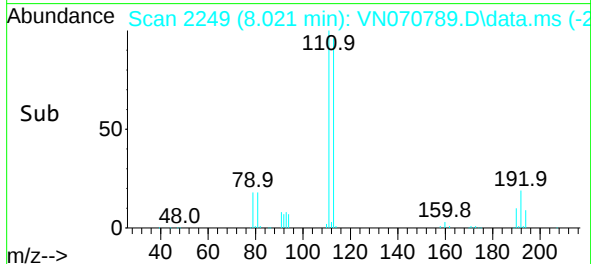
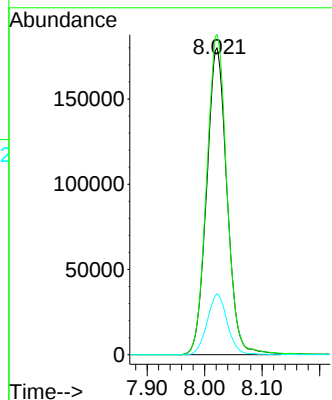
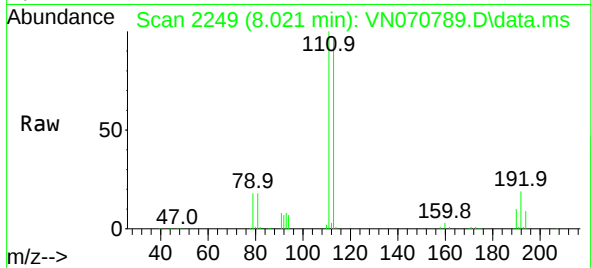




#35
 Dibromofluoromethane
 Concen: 40.614 ug/l
 RT: 8.021 min Scan# 211
 Delta R.T. 0.002 min
 Lab File: VN070789.D
 Acq: 26 Jan 2022 14:57

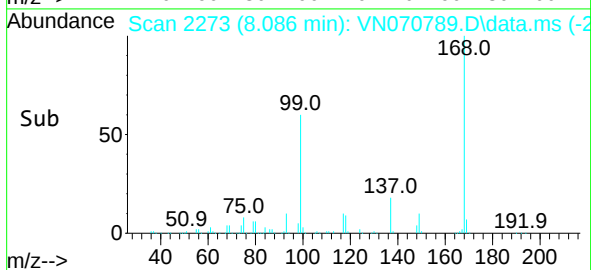
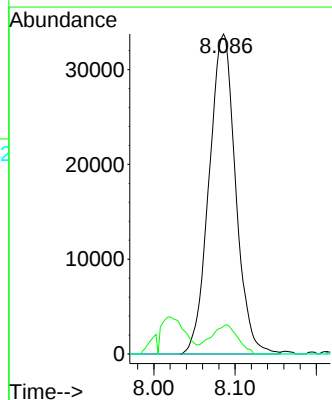
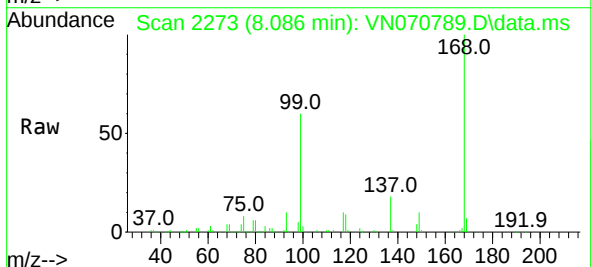
Instrument :
 MSVOA_N
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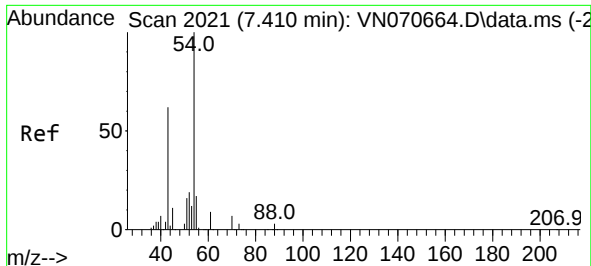
Tgt Ion:113 Resp: 443439
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.2 123.2
 192 19.5 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.166 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.134 min
 Lab File: VN070789.D
 Acq: 26 Jan 2022 14:57

Tgt Ion: 75 Resp: 76575
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.4 55.2#
 77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.044 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. -0.070 min

Lab File: VN070789.D

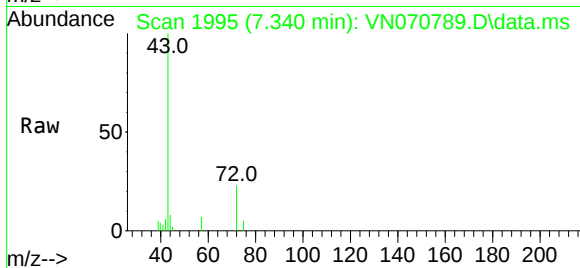
Acq: 26 Jan 2022 14:57

Instrument :

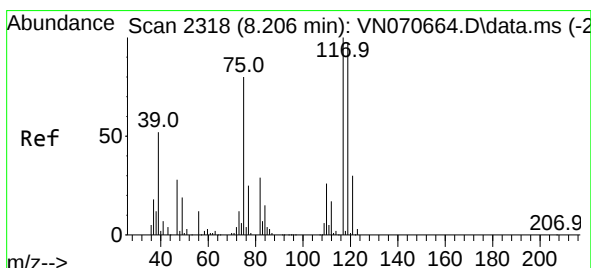
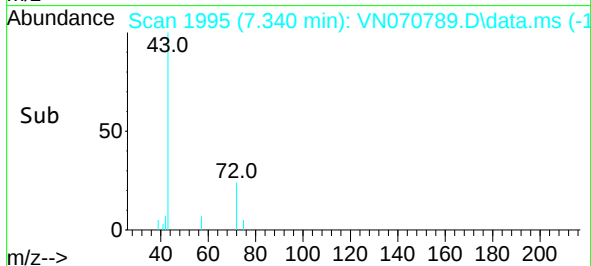
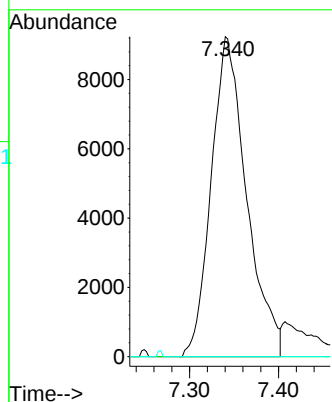
MSVOA_N

ClientSampleId :

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Tgt Ion:	43	Resp:	25471
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	7.9	11.9#



#38

Carbon Tetrachloride

Concen: 5.857 ug/l

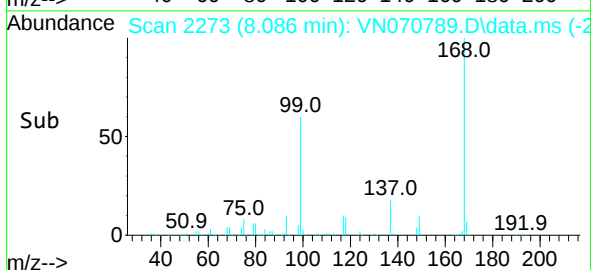
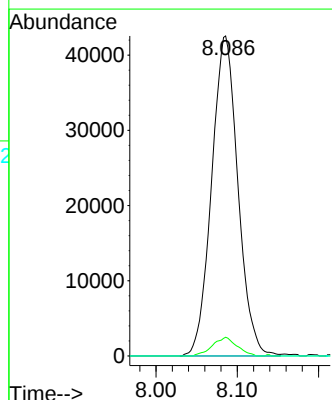
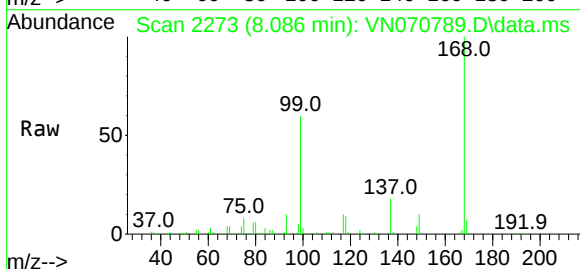
RT: 8.086 min Scan# 2273

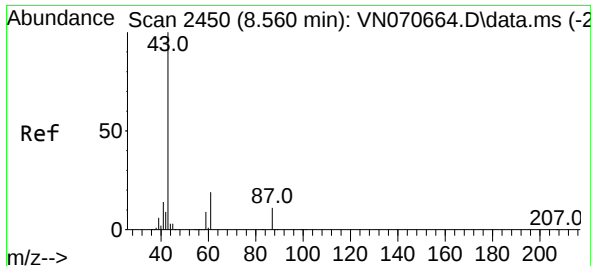
Delta R.T. -0.120 min

Lab File: VN070789.D

Acq: 26 Jan 2022 14:57

Tgt Ion:	117	Resp:	95773
Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.1	114.1#
121	0.0	24.2	36.2#

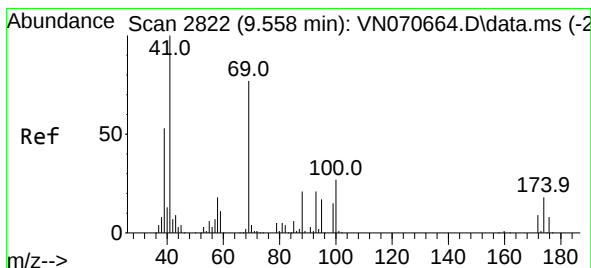
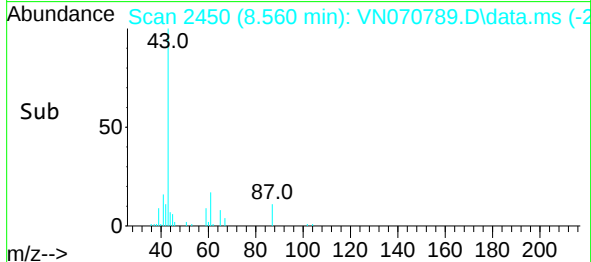
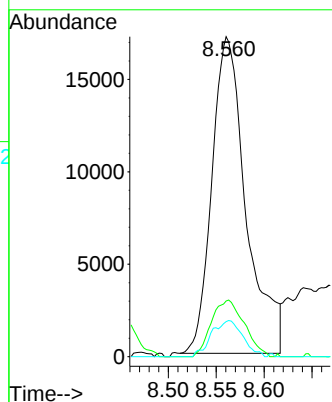
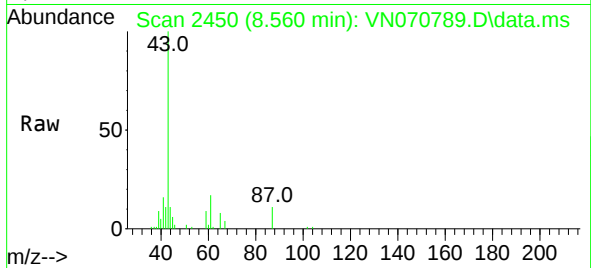




#43
Isopropyl Acetate
Concen: 1.141 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

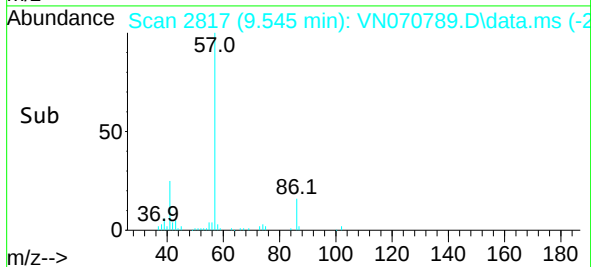
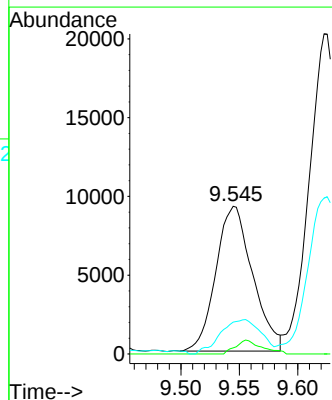
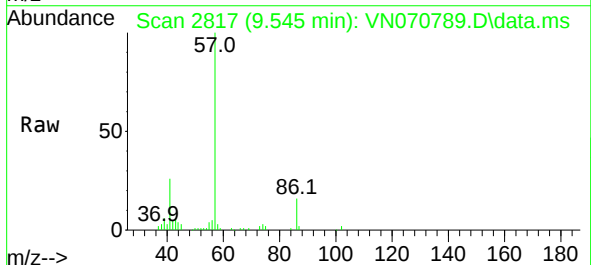
Instrument :
MSVOA_N
ClientSampleId :
RED-EXT-WALL

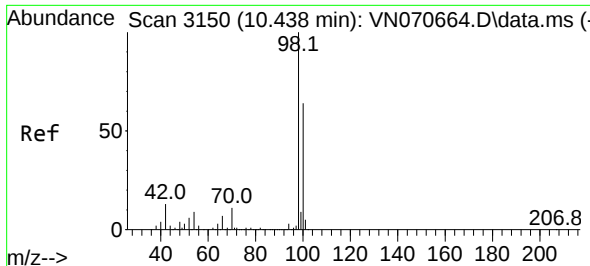
Tgt Ion: 43 Resp: 42545
Ion Ratio Lower Upper
43 100
61 17.3 20.4 30.6#
87 10.4 11.2 16.8#



#48
Methyl methacrylate
Concen: 1.132 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.013 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

Tgt Ion: 41 Resp: 20094
Ion Ratio Lower Upper
41 100
69 6.8 72.4 108.6#
39 26.0 58.4 87.6#

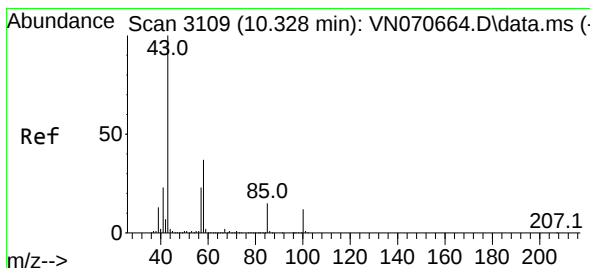
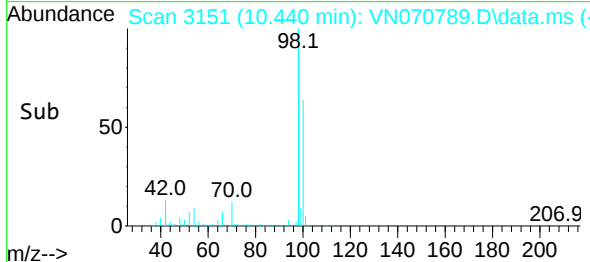
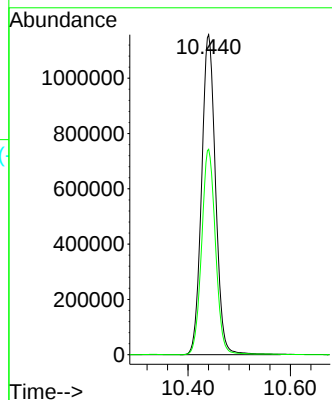
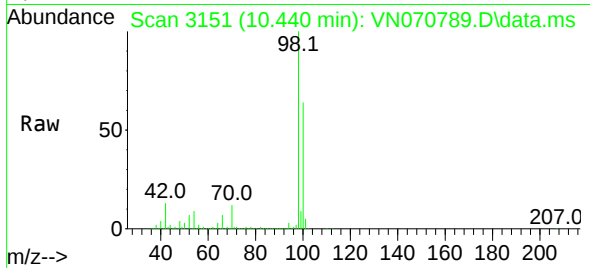




#50
Toluene-d8
Concen: 47.511 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

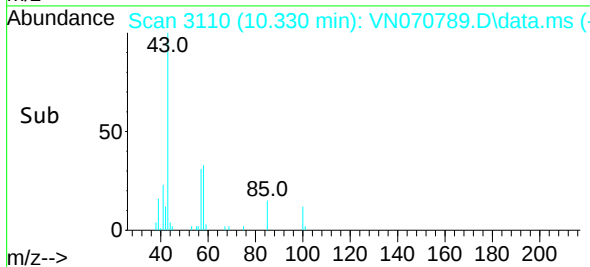
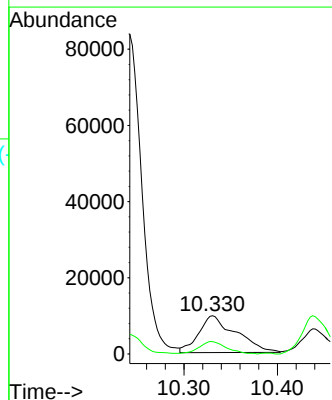
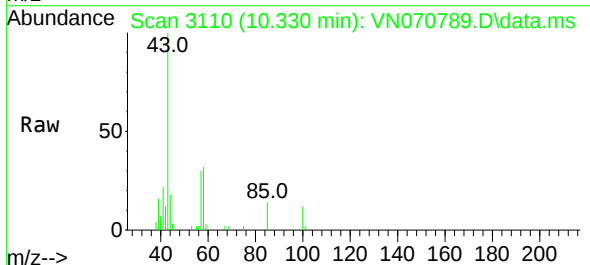
Instrument :
MSVOA_N
ClientSampleId :
RED-EXT-WALL

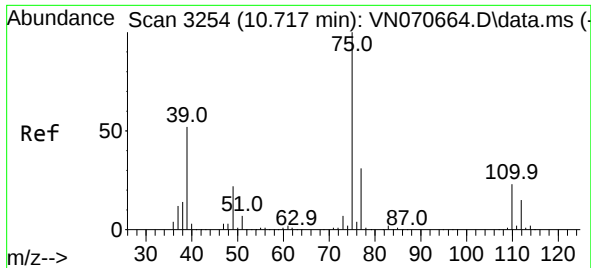
Tgt Ion: 98 Resp: 2185369
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.128 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.002 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

Tgt Ion: 43 Resp: 26817
Ion Ratio Lower Upper
43 100
58 25.0 30.4 45.6#

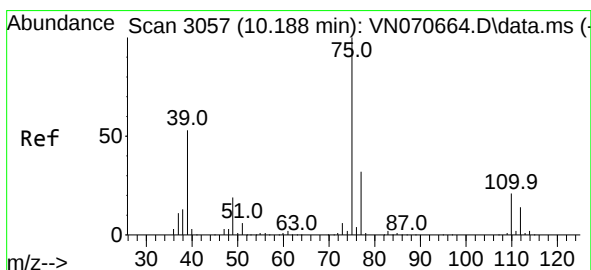
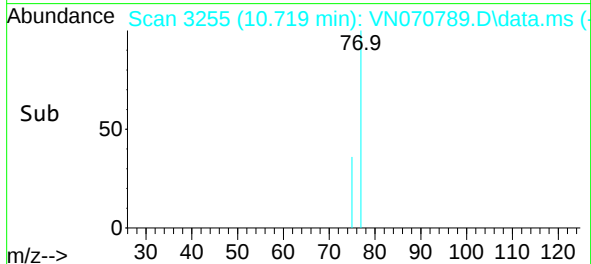
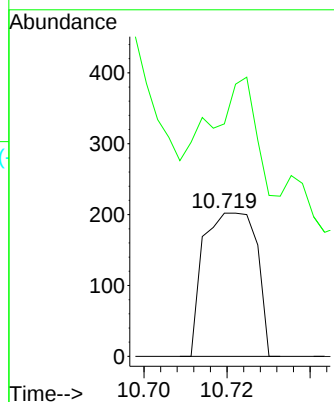
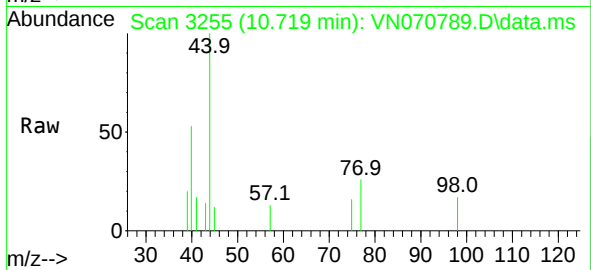




#53
 t-1,3-Dichloropropene
 Concen: 2.411 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: VN070789.D
 Acq: 26 Jan 2022 14:57

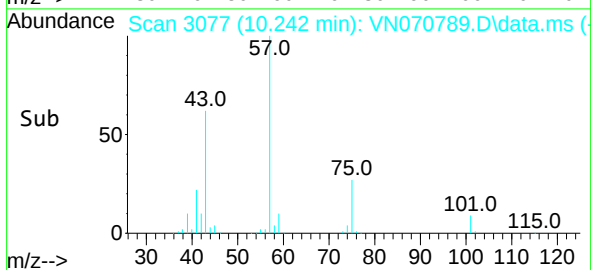
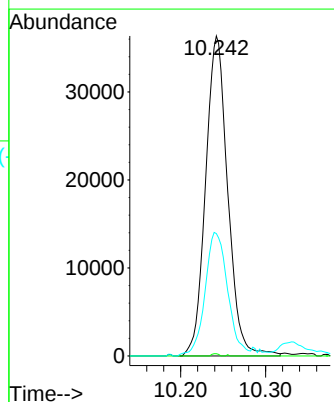
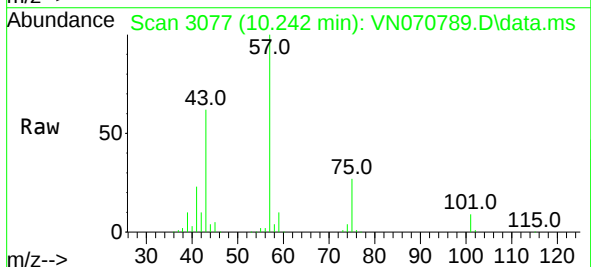
Instrument :
 MSVOA_N
 ClientSampleId :
 RED-EXT-WALL

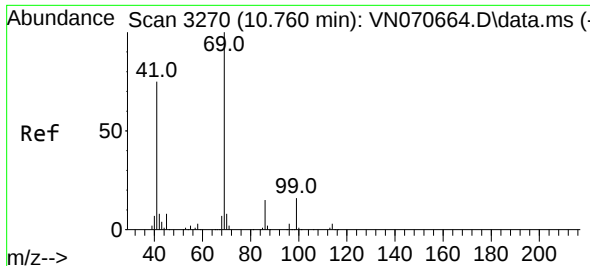
Tgt Ion: 75 Resp: 179
 Ion Ratio Lower Upper
 75 100
 77 50.5 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 2.977 ug/l
 RT: 10.242 min Scan# 3077
 Delta R.T. 0.054 min
 Lab File: VN070789.D
 Acq: 26 Jan 2022 14:57

Tgt Ion: 75 Resp: 65755
 Ion Ratio Lower Upper
 75 100
 77 0.7 26.4 39.6#
 39 37.8 42.5 63.7#

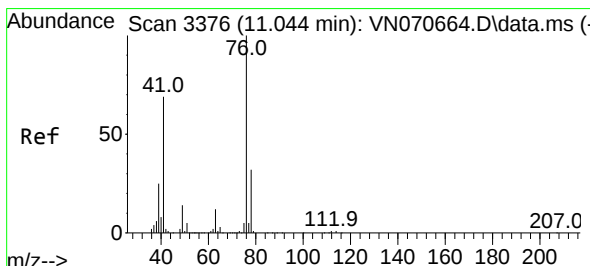
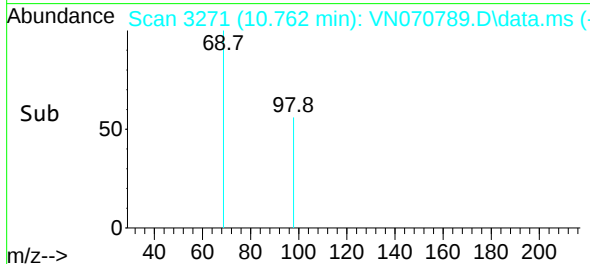
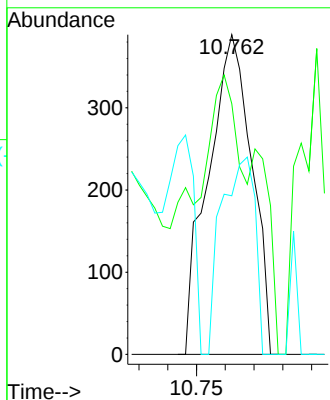
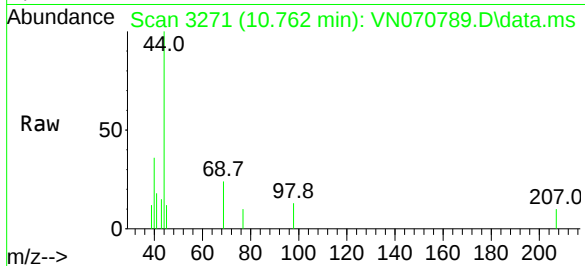




#56
Ethyl methacrylate
Concen: 2.317 ug/l
RT: 10.762 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

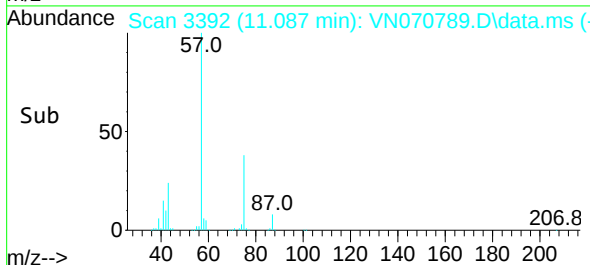
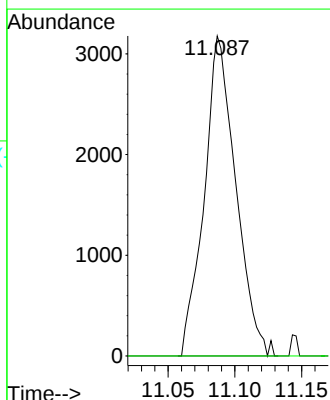
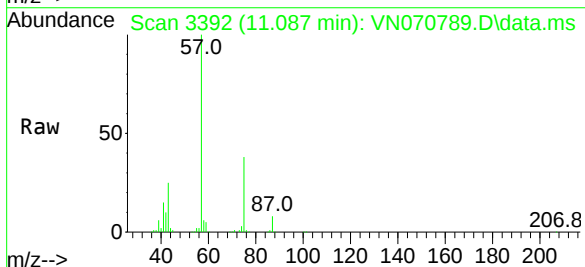
Instrument :
MSVOA_N
ClientSampleId :
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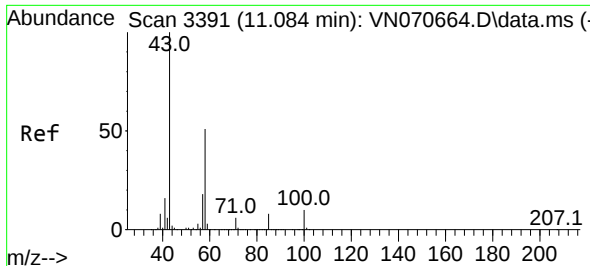
Tgt Ion: 69 Resp: 407
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#



#57
1,3-Dichloropropane
Concen: 0.221 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.043 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

Tgt Ion: 76 Resp: 5236
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

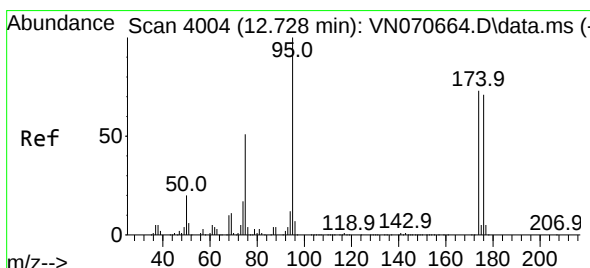
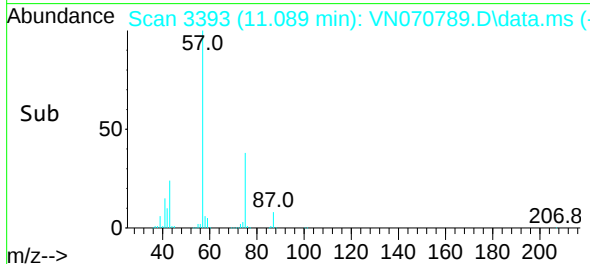
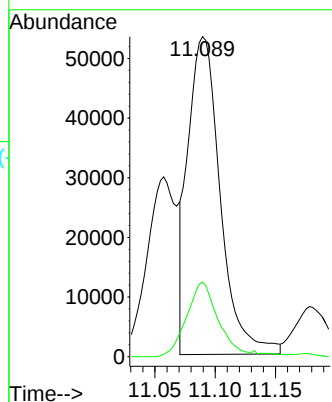
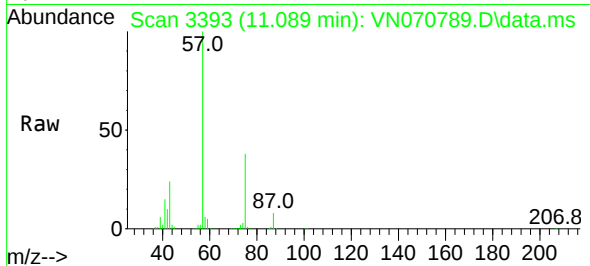




#59
2-Hexanone
Concen: 5.744 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

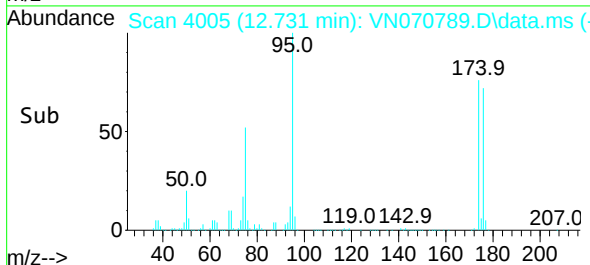
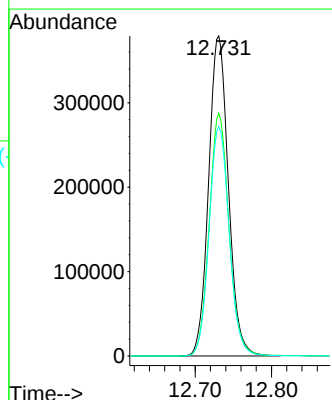
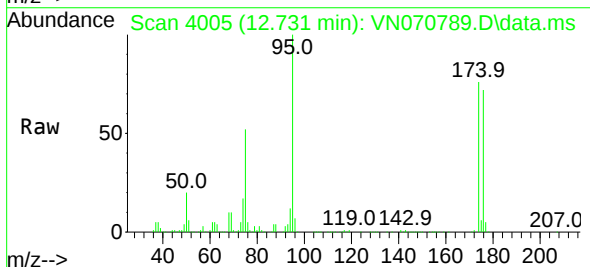
Instrument :
MSVOA_N
ClientSampleId :
RED-EXT-WALL

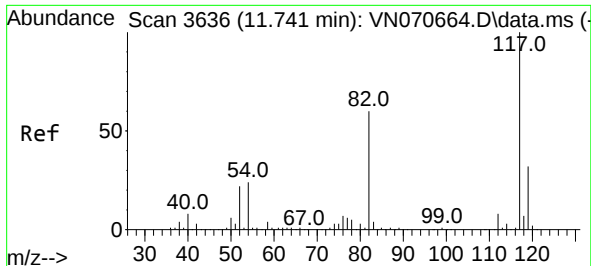
Tgt Ion: 43 Resp: 99244
Ion Ratio Lower Upper
43 100
58 22.9 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 41.596 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

Tgt Ion: 95 Resp: 681782
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 72.8 0.0 181.4

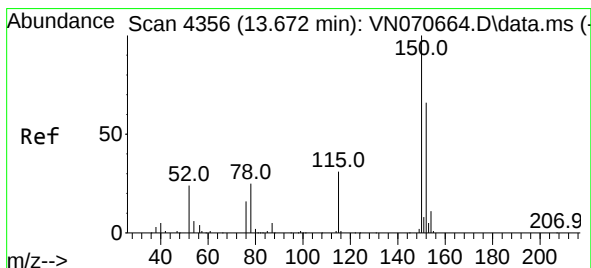
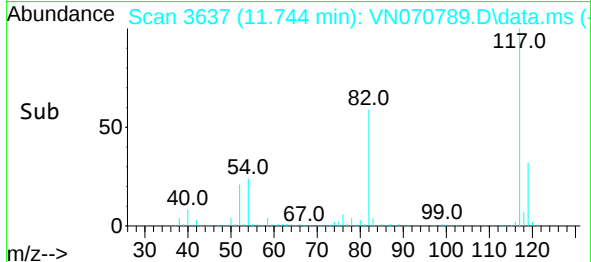
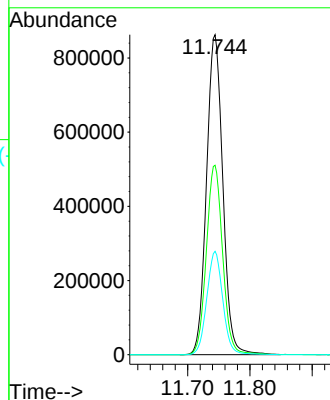
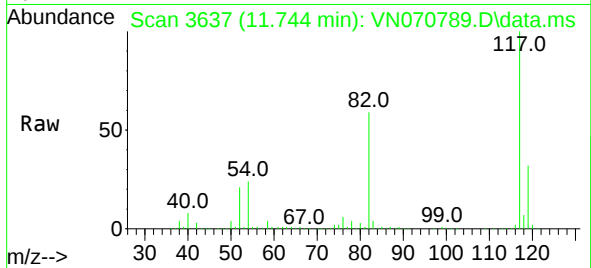




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

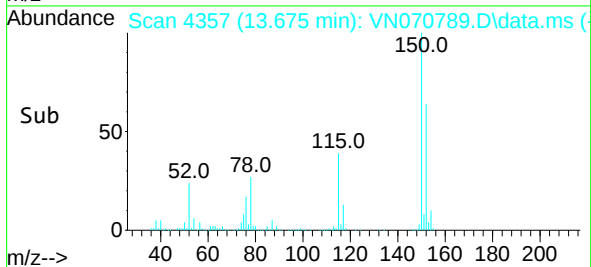
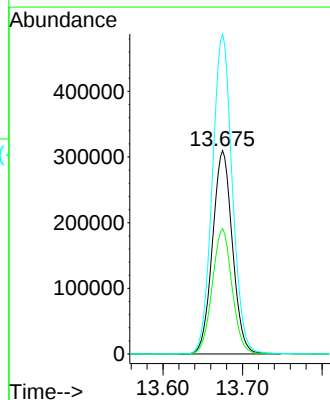
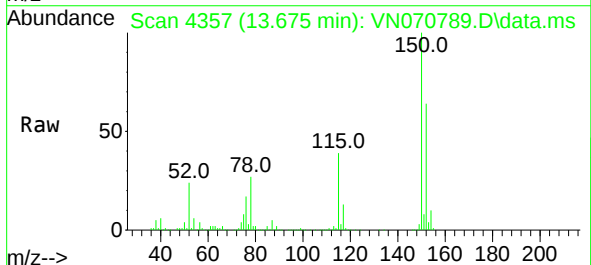
Instrument :
MSVOA_N
ClientSampleId :
RED-EXT-WALL

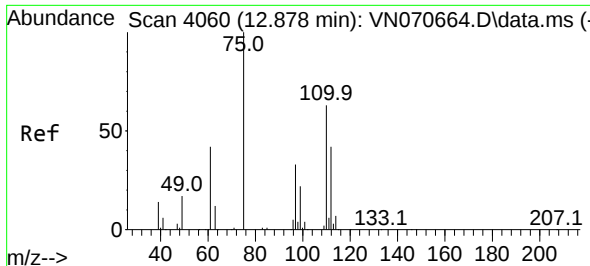
Tgt Ion:117 Resp: 1567732
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

Tgt Ion:152 Resp: 538579
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 158.0 0.0 344.4

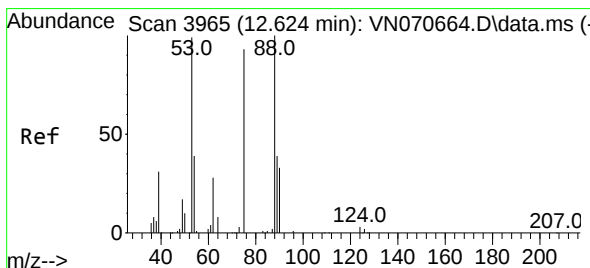
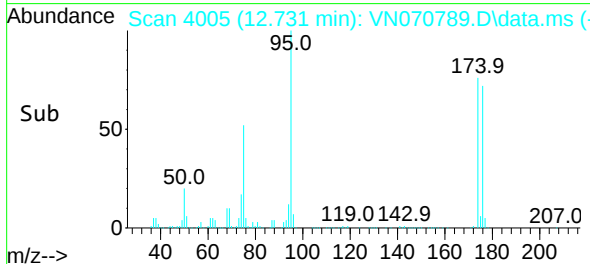
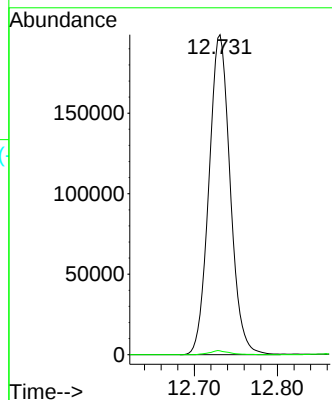
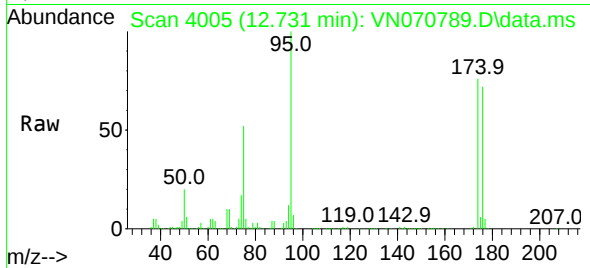




#76
1,2,3-Trichloropropane
Concen: 24.715 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

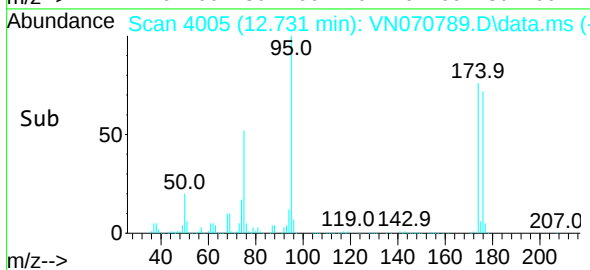
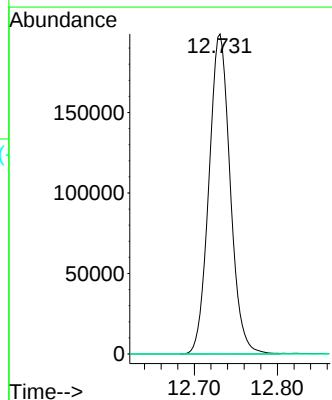
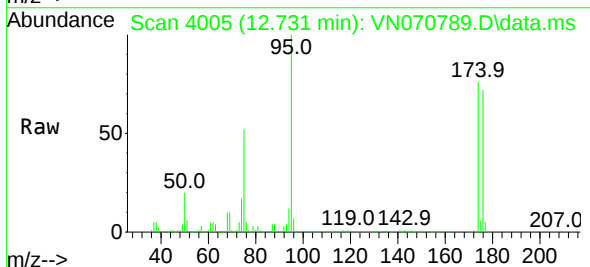
Instrument :
MSVOA_N
ClientSampleId :
RED-EXT-WALL

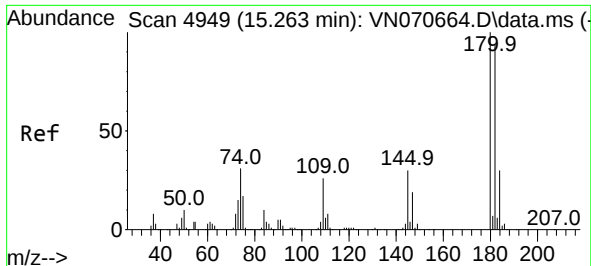
Tgt Ion: 75 Resp: 353036
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.629 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

Tgt Ion: 75 Resp: 353036
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

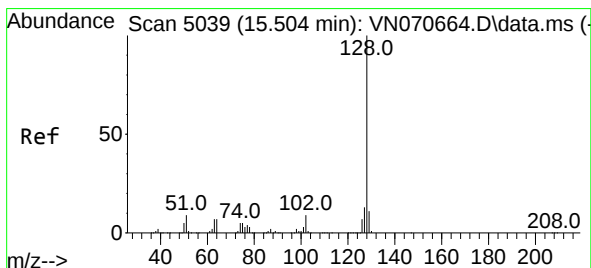
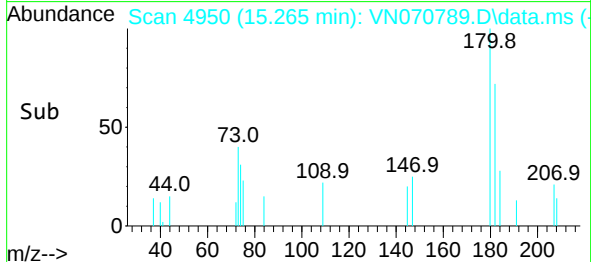
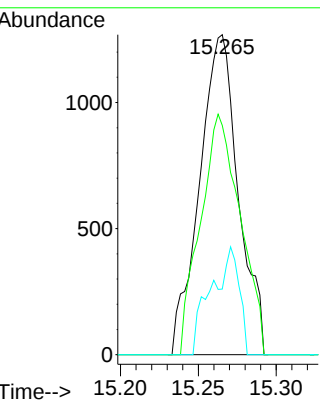
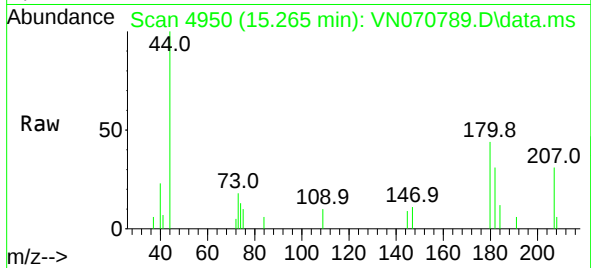




#93
1,2,4-Trichlorobenzene
Concen: 3.631 ug/l
RT: 15.265 min Scan# 4949
Delta R.T. 0.002 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

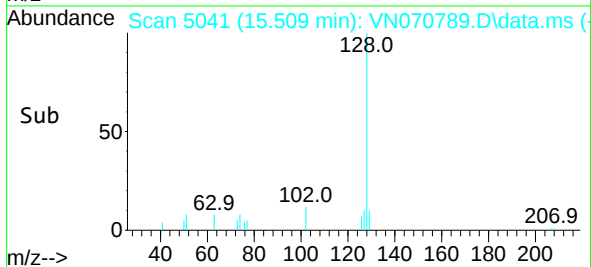
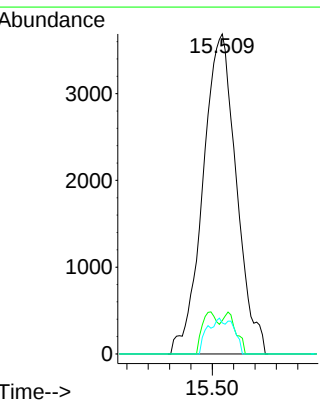
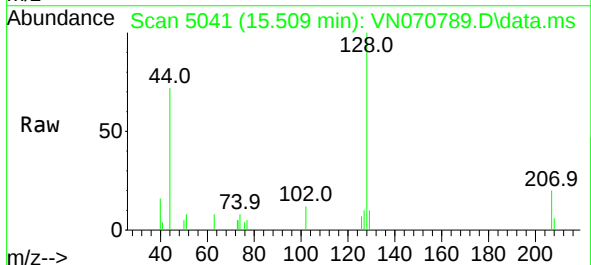
Instrument :
MSVOA_N
ClientSampleId :
RED-EXT-WALL

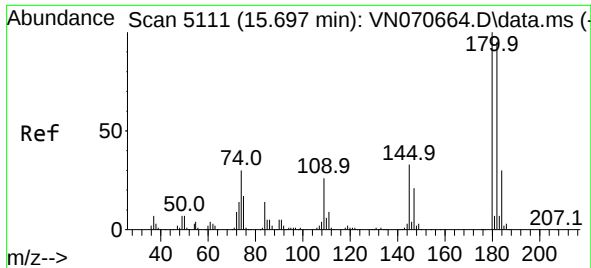
Tgt Ion:180 Resp: 2200
Ion Ratio Lower Upper
180 100
182 77.0 48.3 144.9
145 24.2 14.5 43.5



#95
Naphthalene
Concen: 5.206 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.005 min
Lab File: VN070789.D
Acq: 26 Jan 2022 14:57

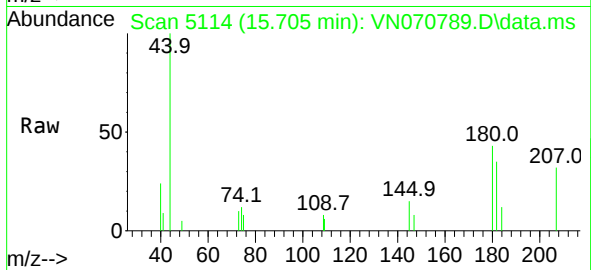
Tgt Ion:128 Resp: 7983
Ion Ratio Lower Upper
128 100
127 5.4 10.5 15.7#
129 5.8 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.429 ug/l
 RT: 15.705 min Scan# 51
 Delta R.T. 0.008 min
 Lab File: VN070789.D
 Acq: 26 Jan 2022 14:57

Instrument :
 MSVOA_N
 ClientSampleId :
 RED-EXT-WALL



Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.2	47.4	142.2
145	29.7	15.0	45.1

