

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012622\
 Data File : VN070792.D
 Acq On : 26 Jan 2022 16:14
 Operator : JC/MD
 Sample : N1267-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ART-ROOM-FLOORS

Quant Time: Jan 27 03:33:14 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)

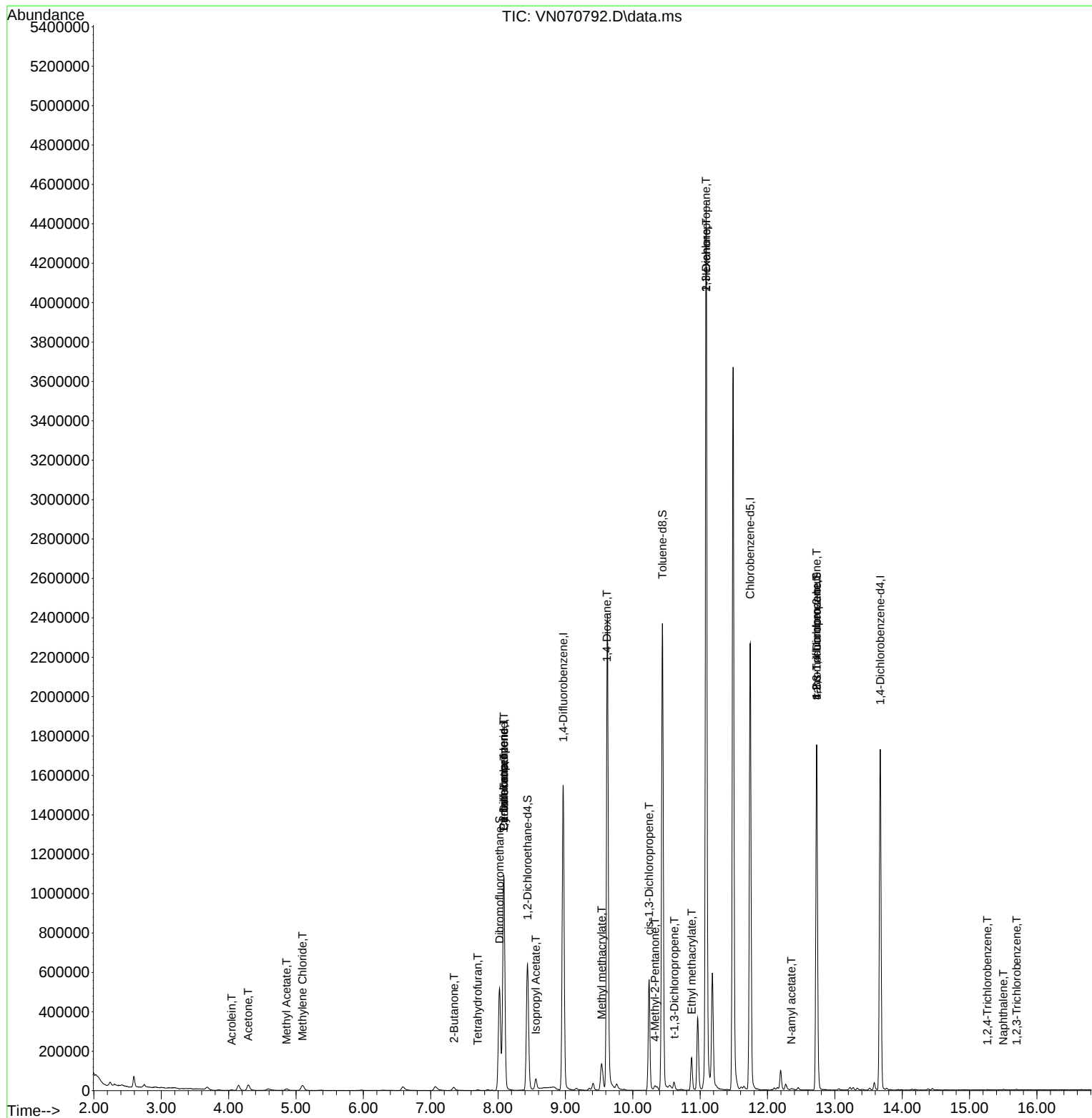
Internal Standards						
1) Pentafluorobenzene	8.086	168	820760	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1305163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1307183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	474276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	571110	48.552	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.100%
35) Dibromofluoromethane	8.021	113	386910	47.791	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.580%
50) Toluene-d8	10.440	98	1644987	48.231	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.731	95	650704	53.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.080%
Target Compounds						
						Qvalue
13) Acrolein	4.044	56	3388	1.113	ug/l	93
16) Acetone	4.288	43	49886	6.110	ug/l	100
18) Methyl Acetate	4.859	43	8552	0.533	ug/l	# 89
20) Methylene Chloride	5.095	84	18474	1.718	ug/l	96
25) 2-Butanone	7.345	43	27332	2.660	ug/l	# 88
29) Tetrahydrofuran	7.697	42	2706	0.430	ug/l	# 45
30) Chloroform	8.091	83	126	Below Cal	#	18
31) Cyclohexane	8.086	56	19092	0.922	ug/l	# 11
36) 1,1-Dichloropropene	8.083	75	68589	5.032	ug/l	# 49
38) Carbon Tetrachloride	8.086	117	84204	6.945	ug/l	# 16
43) Isopropyl Acetate	8.560	43	68377	2.474	ug/l	# 86
48) Methyl methacrylate	9.537	41	46187	3.508	ug/l	# 27
49) 1,4-Dioxane	9.614	88	175	0.885	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.328	43	12627	0.716	ug/l	92
53) t-1,3-Dichloropropene	10.617	75	27	2.405	ug/l	# 43
54) cis-1,3-Dichloropropene	10.242	75	95337	5.821	ug/l	# 67
56) Ethyl methacrylate	10.875	69	1178	2.361	ug/l	# 1
57) 1,3-Dichloropropane	11.087	76	45689	2.601	ug/l	# 43
59) 2-Hexanone	11.089	43	789239	61.605	ug/l	# 50
74) N-amyl acetate	12.355	43	4667	0.254	ug/l	# 48
76) 1,2,3-Trichloropropane	12.731	75	337033	26.793	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.731	75	337033	79.821	ug/l	# 5
93) 1,2,4-Trichlorobenzene	15.265	180	902	3.521	ug/l	# 67
95) Naphthalene	15.501	128	3129	5.063	ug/l	# 95
96) 1,2,3-Trichlorobenzene	15.700	180	541	3.276	ug/l	# 51

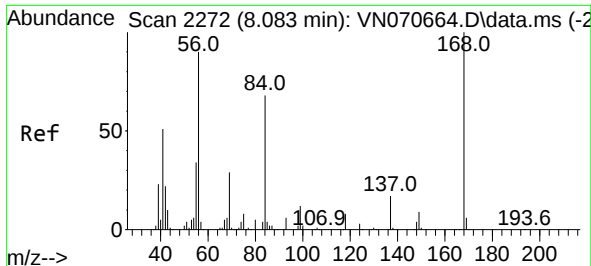
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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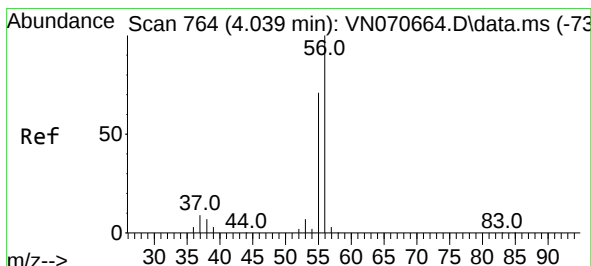
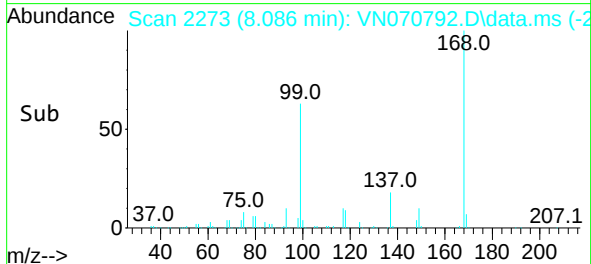
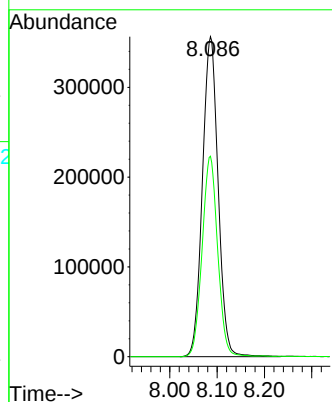
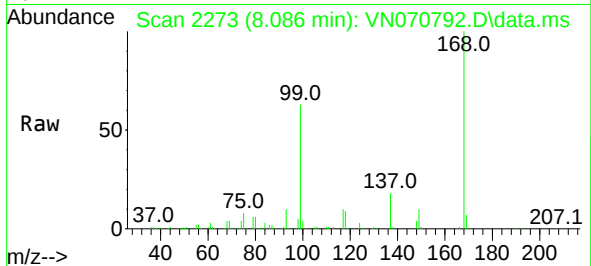




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

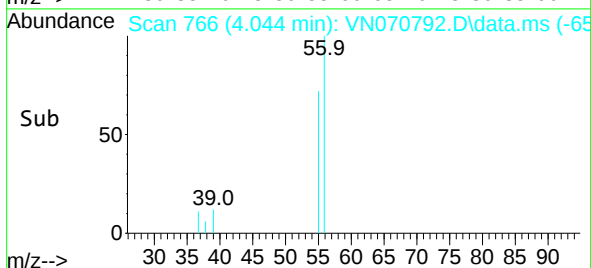
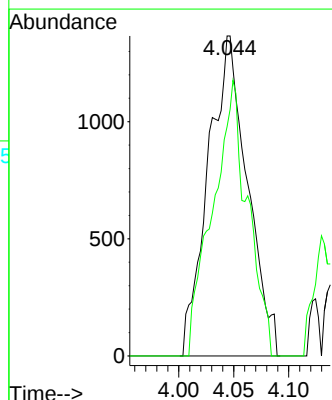
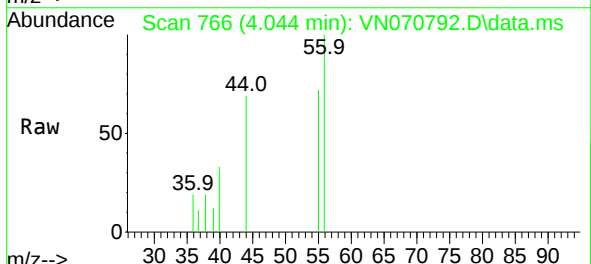
Instrument :
MSVOA_N
ClientSampleId :
ART-ROOM-FLOORS

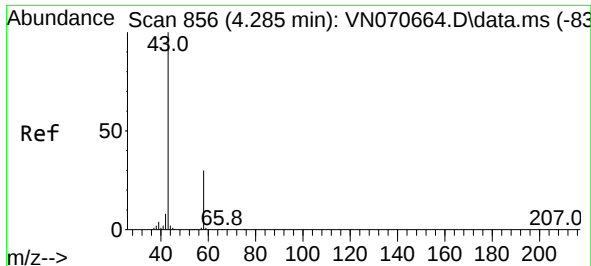
Tgt Ion:168 Resp: 820760
Ion Ratio Lower Upper
168 100
99 62.6 41.3 61.9#



#13
Acrolein
Concen: 1.113 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

Tgt Ion: 56 Resp: 3388
Ion Ratio Lower Upper
56 100
55 76.9 56.6 85.0

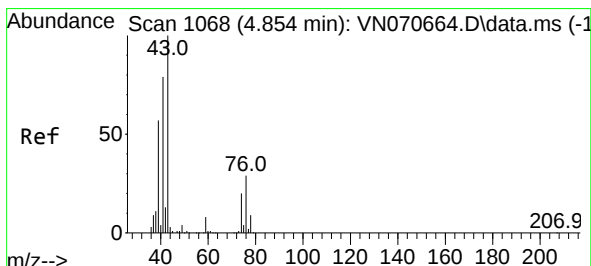
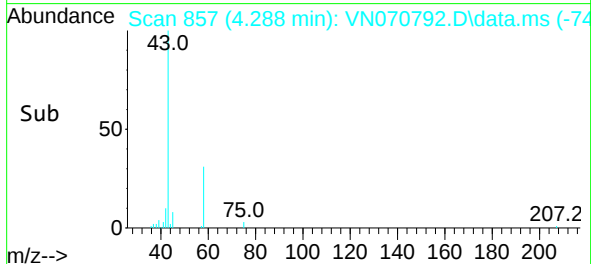
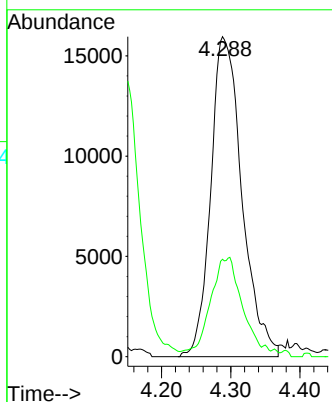
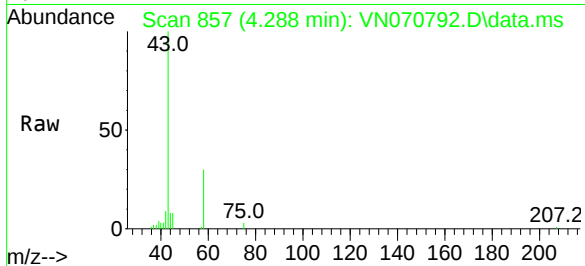




#16
Acetone
Concen: 6.110 ug/l
RT: 4.288 min Scan# 856
Delta R.T. 0.003 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

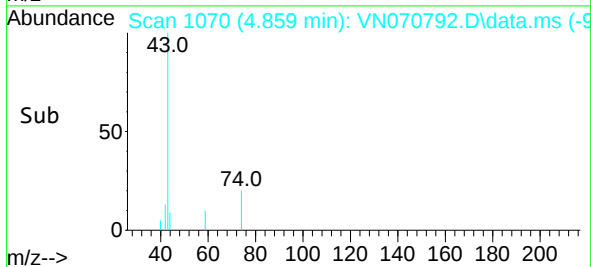
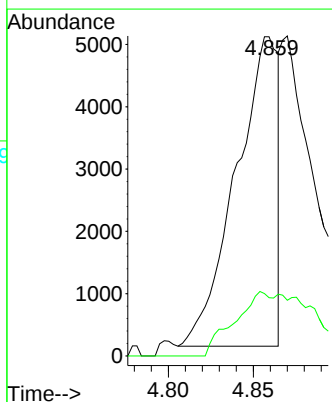
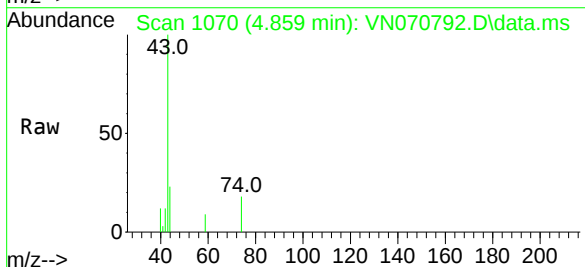
Instrument :
MSVOA_N
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ART-ROOM-FLOORS

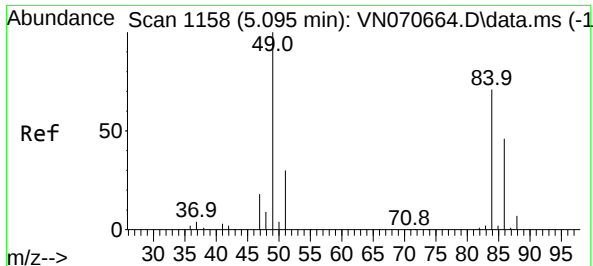
Tgt Ion: 43 Resp: 49886
Ion Ratio Lower Upper
43 100
58 29.1 23.1 34.7



#18
Methyl Acetate
Concen: 0.533 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

Tgt Ion: 43 Resp: 8552
Ion Ratio Lower Upper
43 100
74 18.8 19.4 29.2#

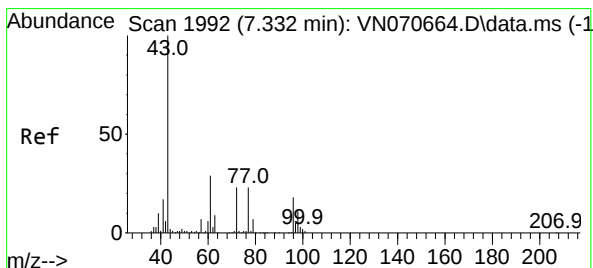
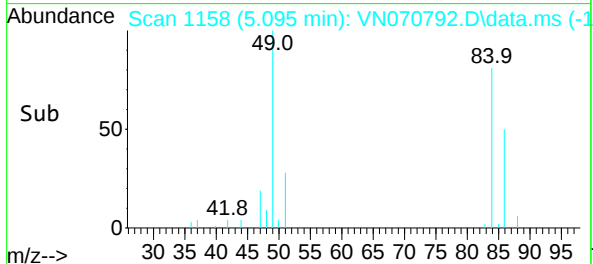
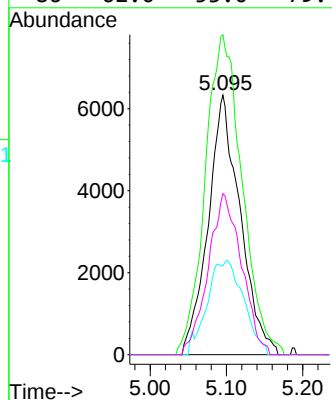
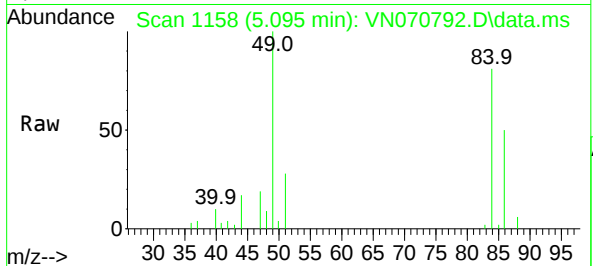




#20
Methylene Chloride
Concen: 1.718 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

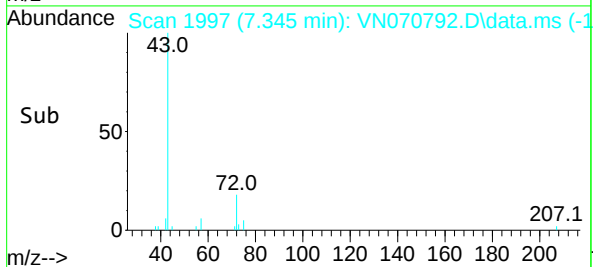
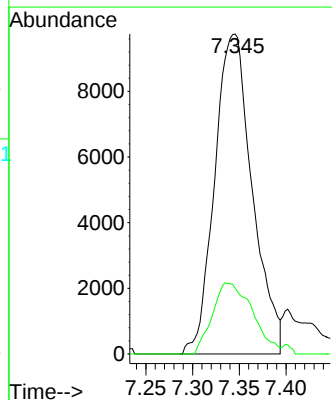
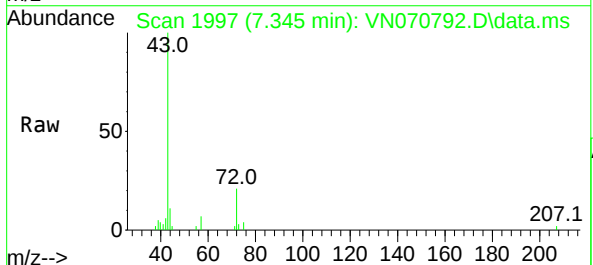
Instrument :
MSVOA_N
ClientSampleId :
ART-ROOM-FLOORS

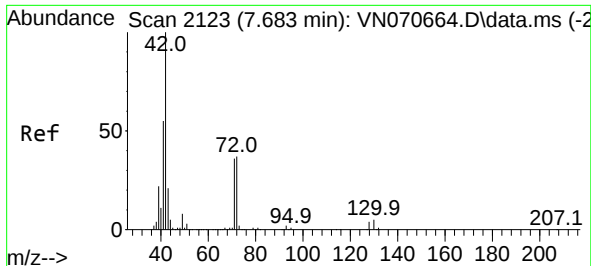
Tgt Ion: 84	Resp: 18474
Ion Ratio	Lower Upper
84 100	
49 119.9	93.5 140.3
51 34.2	29.4 44.2
86 62.0	53.0 79.4



#25
2-Butanone
Concen: 2.660 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.013 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

Tgt Ion: 43	Resp: 27332		
Ion Ratio	Lower	Upper	
43 100			
72 20.6	21.7	32.5#	





#29

Tetrahydrofuran

Concen: 0.430 ug/l

RT: 7.697 min Scan# 21

Delta R.T. 0.014 min

Lab File: VN070792.D

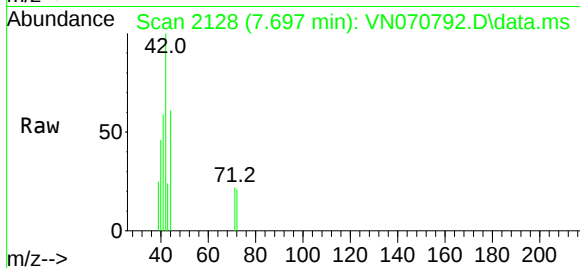
Acq: 26 Jan 2022 16:14

Instrument :

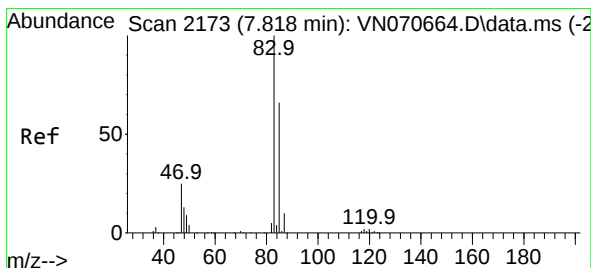
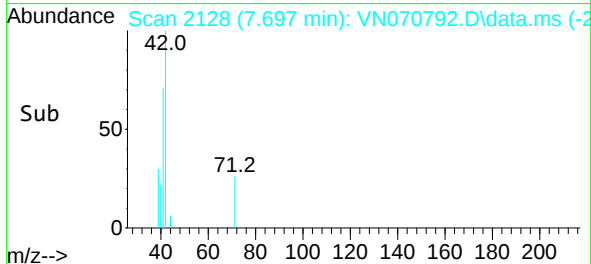
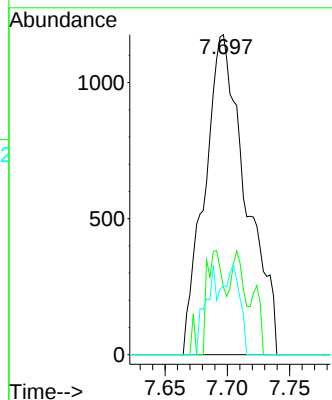
MSVOA_N

ClientSampleId :

ART-ROOM-FLOORS



Tgt Ion:	42	Resp:	2706
Ion	Ratio	Lower	Upper
42	100		
72	10.2	36.3	54.5#
71	7.5	34.7	52.1#



#30

Chloroform

Concen: Below Cal

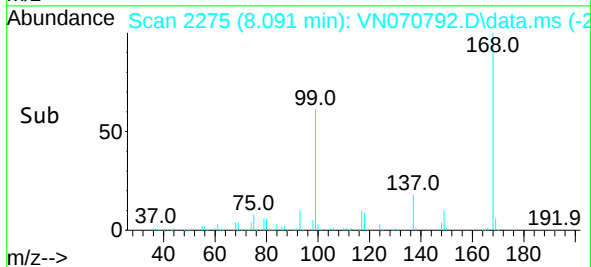
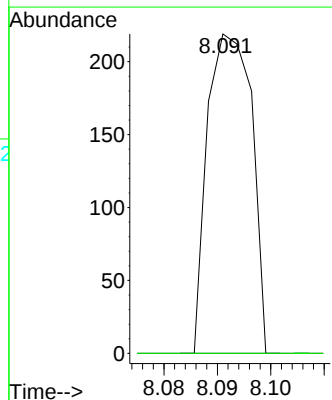
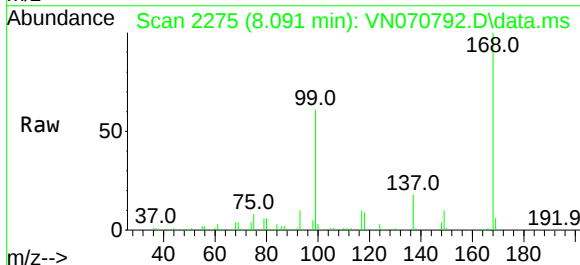
RT: 8.091 min Scan# 2275

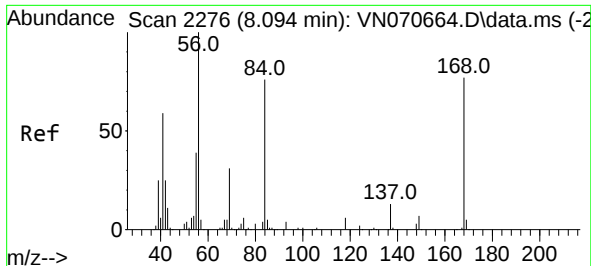
Delta R.T. 0.273 min

Lab File: VN070792.D

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Tgt Ion:	83	Resp:	126
Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.9	77.9#

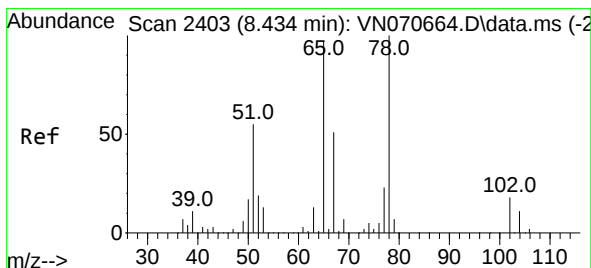
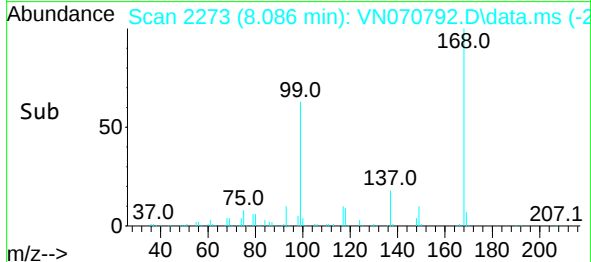
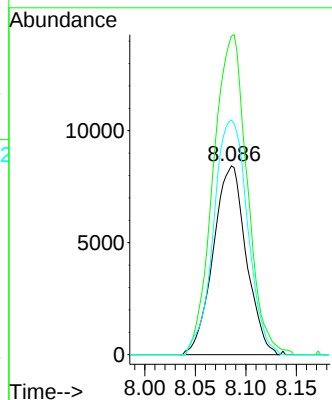
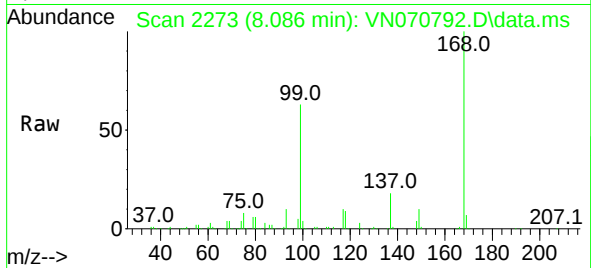




#31
Cyclohexane
Concen: 0.922 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

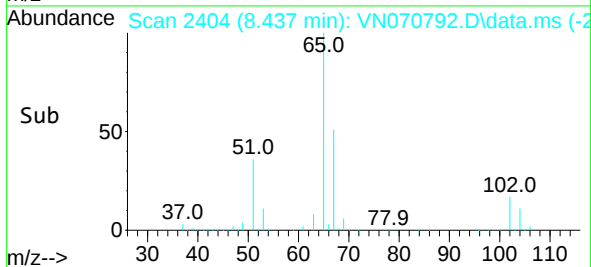
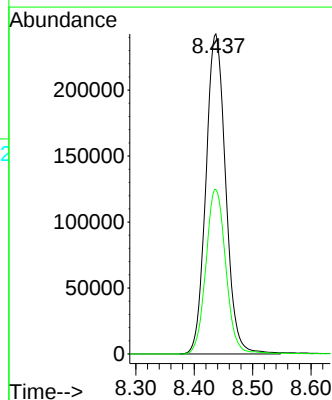
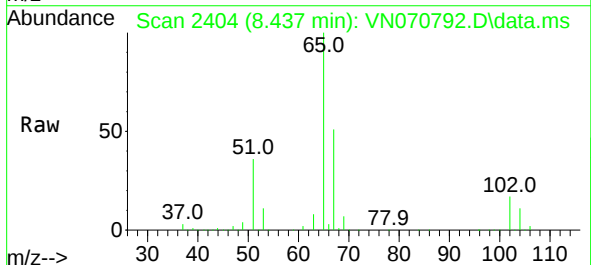
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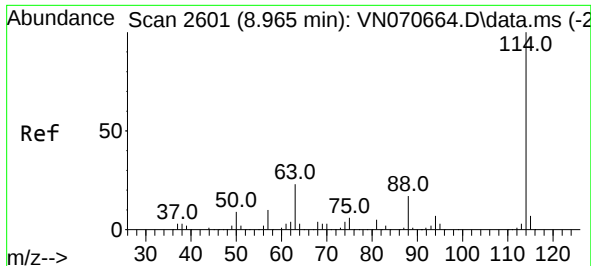
Tgt Ion: 56 Resp: 19092
Ion Ratio Lower Upper
56 100
69 168.6 27.1 40.7#
84 124.3 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 48.552 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

Tgt Ion: 65 Resp: 571110
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070792.D

Acq: 26 Jan 2022 16:14

Instrument :

MSVOA_N

ClientSampleId :

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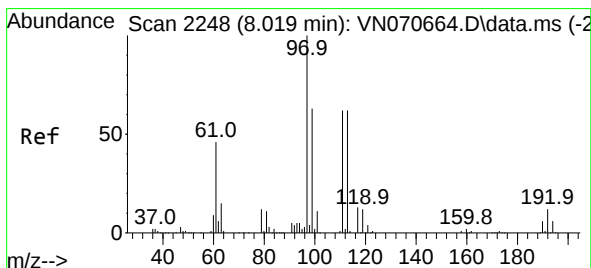
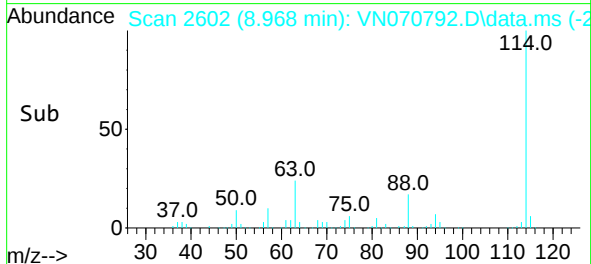
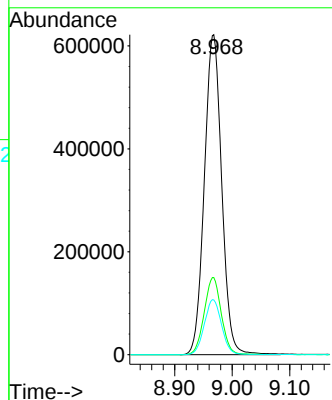
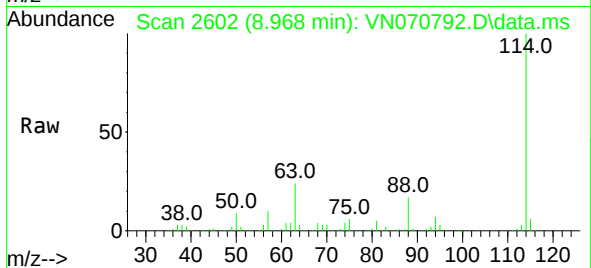
Tgt Ion:114 Resp: 1305163

Ion Ratio Lower Upper

114 100

63 24.1 0.0 37.8

88 17.1 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.791 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070792.D

Acq: 26 Jan 2022 16:14

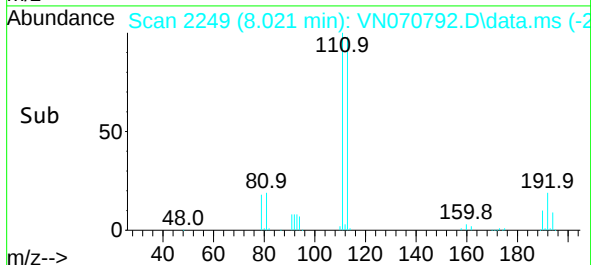
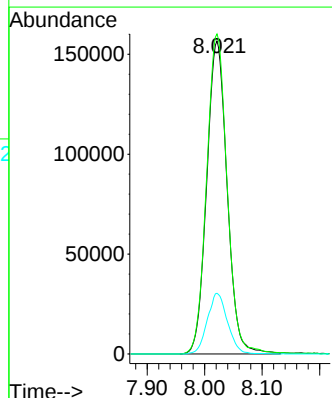
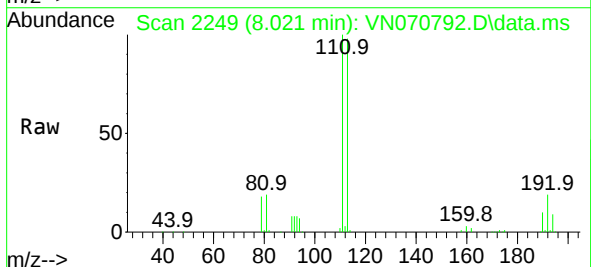
Tgt Ion:113 Resp: 386910

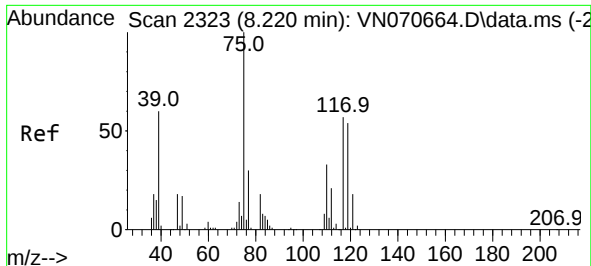
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 19.2 16.9 25.3

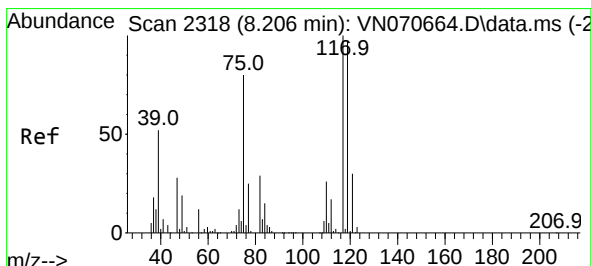
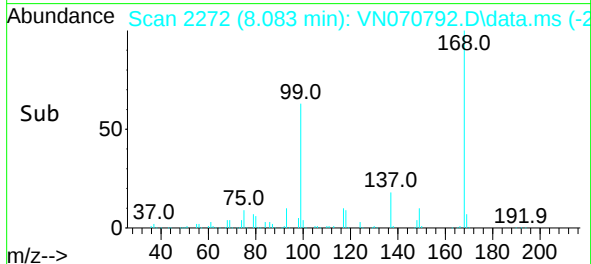
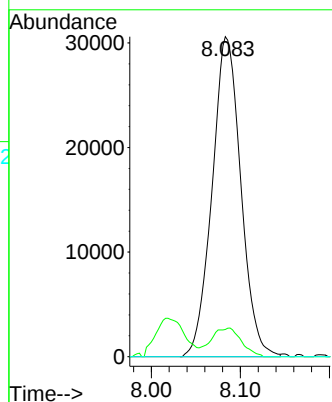
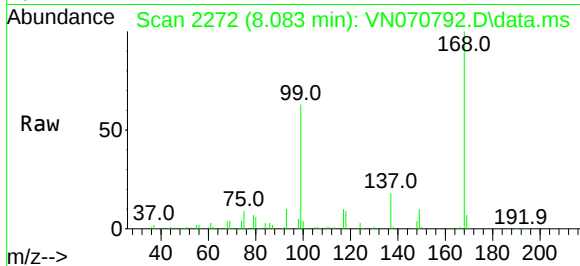




#36
 1,1-Dichloropropene
 Concen: 5.032 ug/l
 RT: 8.083 min Scan# 211
 Delta R.T. -0.137 min
 Lab File: VN070792.D
 Acq: 26 Jan 2022 16:14

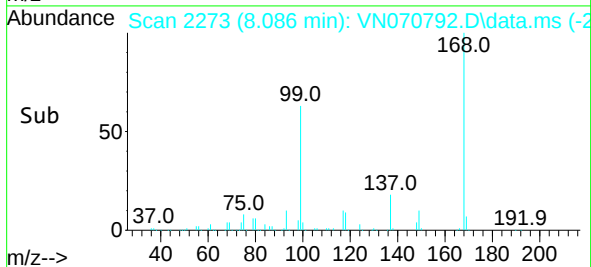
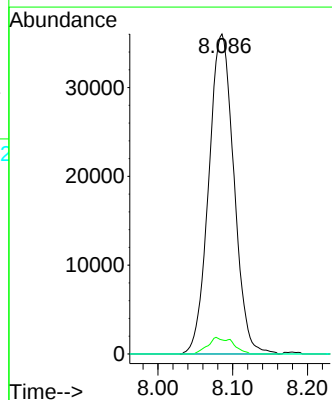
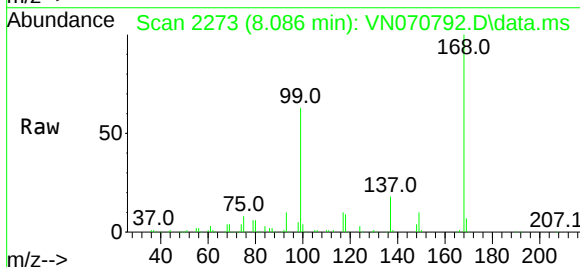
Instrument :
 MSVOA_N
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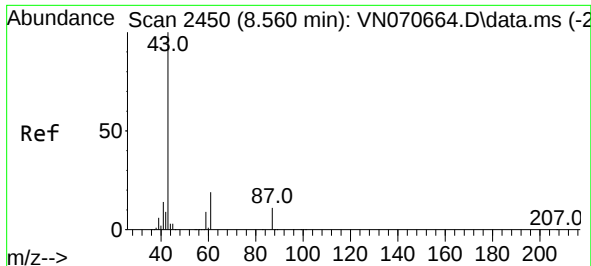
Tgt Ion: 75 Resp: 68589
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.4 55.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 6.945 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.120 min
 Lab File: VN070792.D
 Acq: 26 Jan 2022 16:14

Tgt Ion: 117 Resp: 84204
 Ion Ratio Lower Upper
 117 100
 119 4.4 76.1 114.1#
 121 0.0 24.2 36.2#

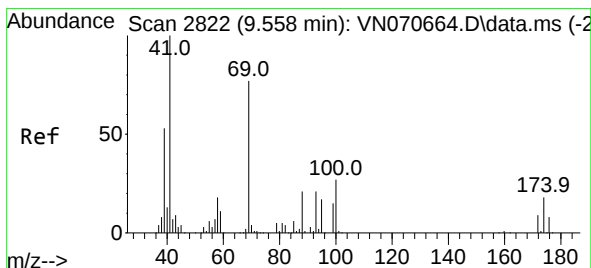
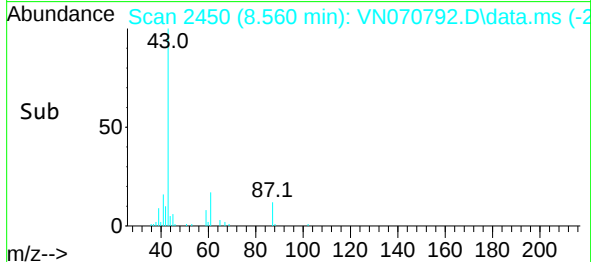
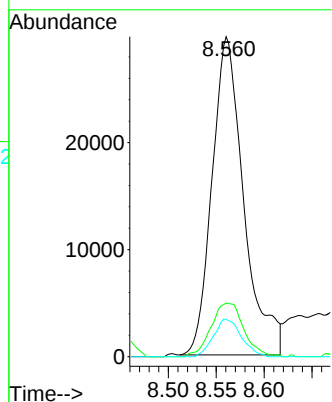
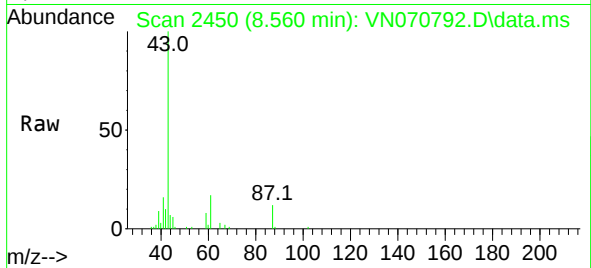




#43
Isopropyl Acetate
Concen: 2.474 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

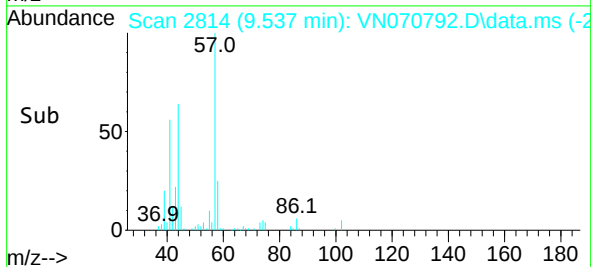
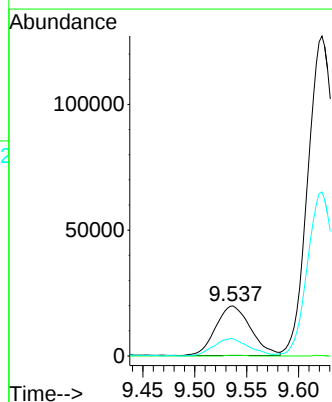
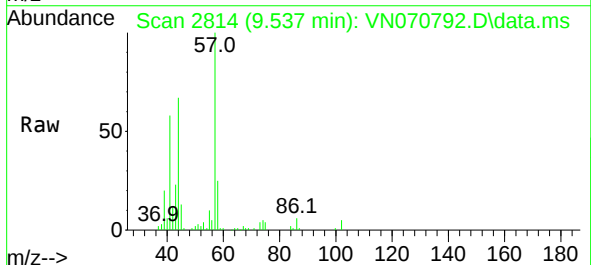
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ClientSampleId :
ART-ROOM-FLOORS

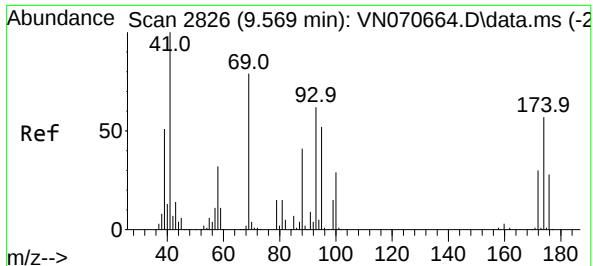
Tgt Ion: 43 Resp: 68377
Ion Ratio Lower Upper
43 100
61 17.3 20.4 30.6#
87 10.4 11.2 16.8#



#48
Methyl methacrylate
Concen: 3.508 ug/l
RT: 9.537 min Scan# 2814
Delta R.T. -0.021 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

Tgt Ion: 41 Resp: 46187
Ion Ratio Lower Upper
41 100
69 0.7 72.4 108.6#
39 35.5 58.4 87.6#





#49

1,4-Dioxane

Concen: 0.885 ug/l

RT: 9.614 min Scan# 21

Delta R.T. 0.045 min

Lab File: VN070792.D

Acq: 26 Jan 2022 16:14

Instrument :

MSVOA_N

ClientSampleId :

ART-ROOM-FLOORS

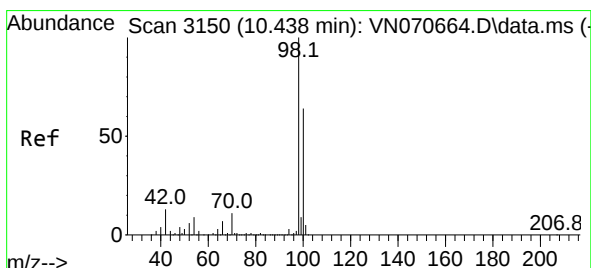
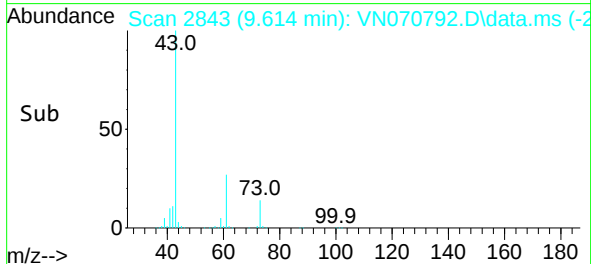
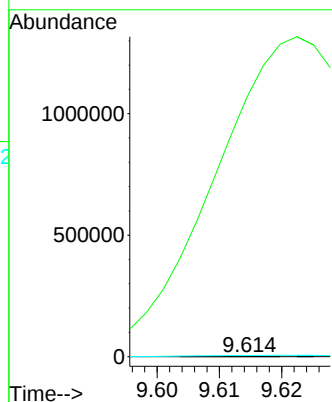
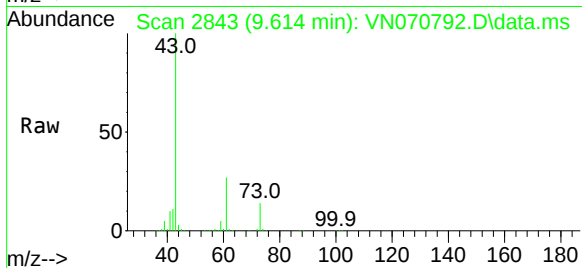
Tgt Ion: 88 Resp: 175

Ion Ratio Lower Upper

88 100

43 1447404.0 23.4 35.2#

58 6159.4 50.6 75.8#



#50

Toluene-d8

Concen: 48.231 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VN070792.D

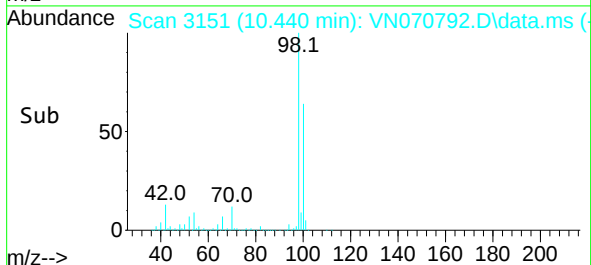
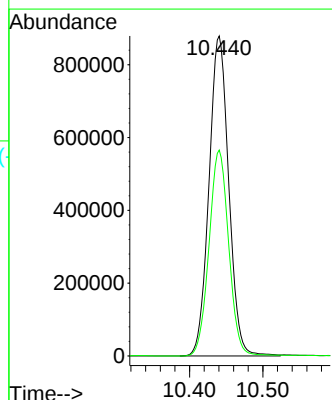
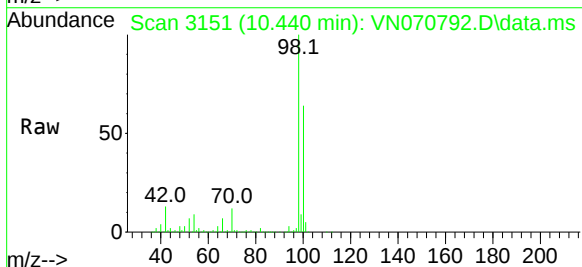
Acq: 26 Jan 2022 16:14

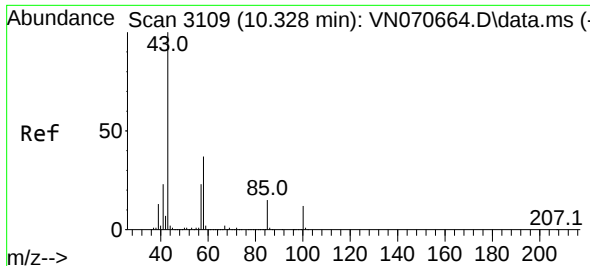
Tgt Ion: 98 Resp: 1644987

Ion Ratio Lower Upper

98 100

100 64.3 50.4 75.6

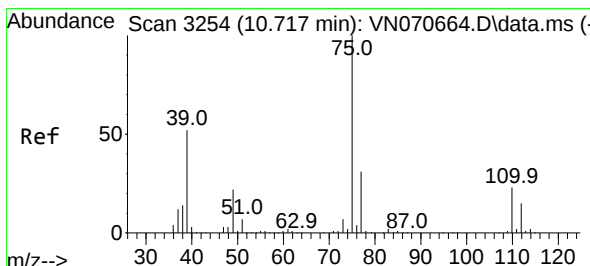
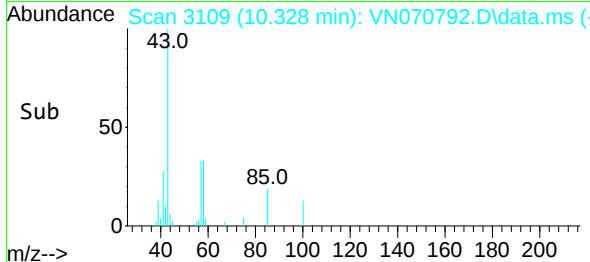
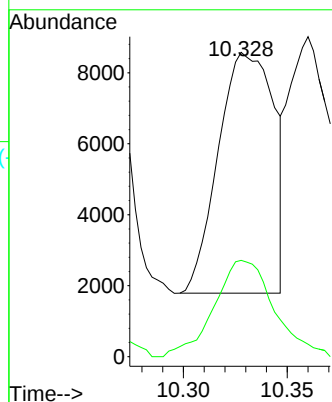
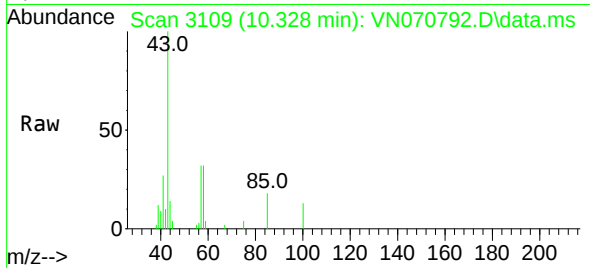




#51
4-Methyl-2-Pentanone
Concen: 0.716 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

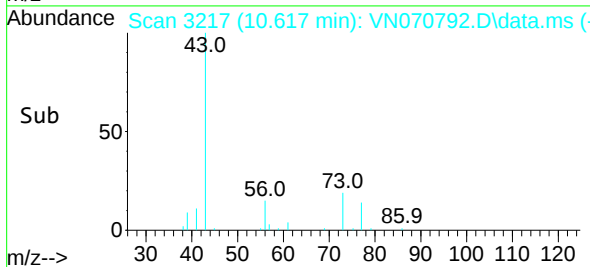
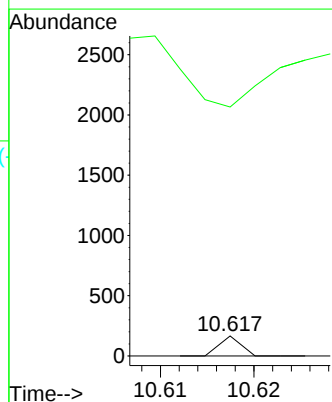
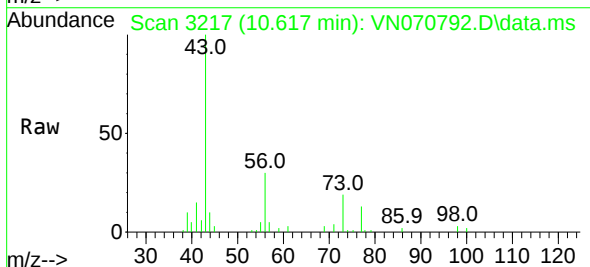
Instrument :
MSVOA_N
ClientSampleId :
ART-ROOM-FLOORS

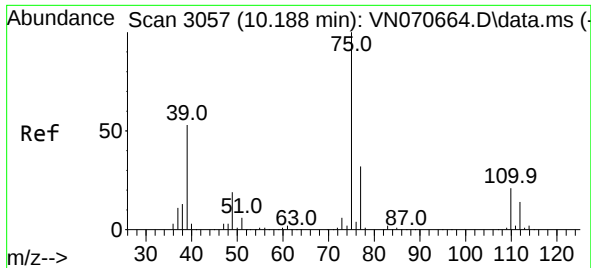
Tgt Ion: 43 Resp: 12627
Ion Ratio Lower Upper
43 100
58 43.1 30.4 45.6



#53
t-1,3-Dichloropropene
Concen: 2.405 ug/l
RT: 10.617 min Scan# 3217
Delta R.T. -0.100 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

Tgt Ion: 75 Resp: 27
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#

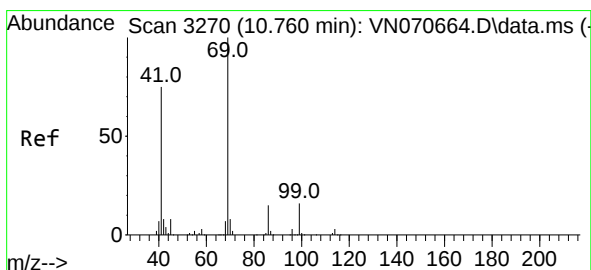
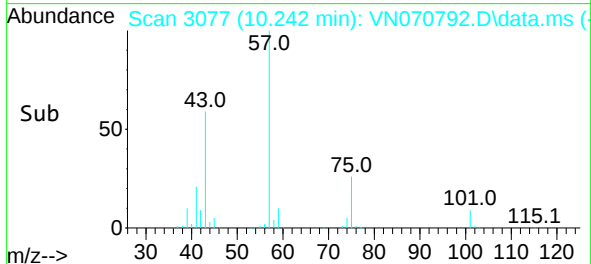
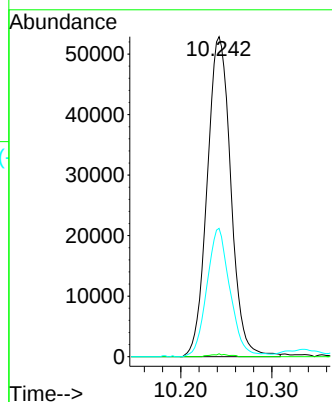
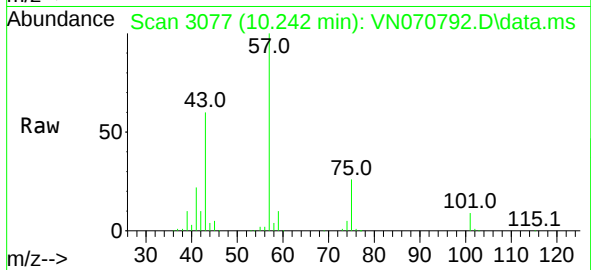




#54
 cis-1,3-Dichloropropene
 Concen: 5.821 ug/l
 RT: 10.242 min Scan# 3057
 Delta R.T. 0.054 min
 Lab File: VN070792.D
 Acq: 26 Jan 2022 16:14

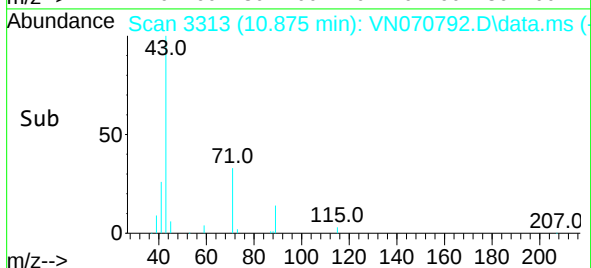
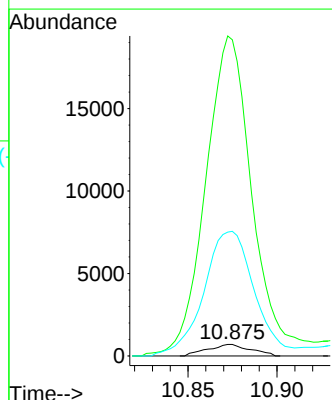
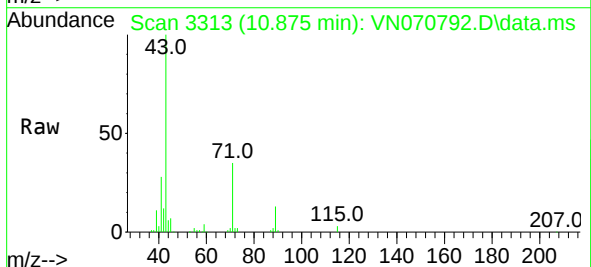
Instrument :
 MSVOA_N
 ClientSampleId :
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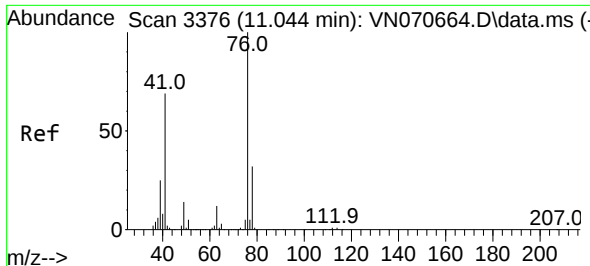
Tgt Ion: 75 Resp: 95337
 Ion Ratio Lower Upper
 75 100
 77 0.9 26.4 39.6#
 39 40.1 42.5 63.7#



#56
 Ethyl methacrylate
 Concen: 2.361 ug/l
 RT: 10.875 min Scan# 3313
 Delta R.T. 0.115 min
 Lab File: VN070792.D
 Acq: 26 Jan 2022 16:14

Tgt Ion: 69 Resp: 1178
 Ion Ratio Lower Upper
 69 100
 41 3002.5 51.4 77.0#
 39 1264.3 34.6 52.0#





#57

1,3-Dichloropropane

Concen: 2.601 ug/l

RT: 11.087 min Scan# 31

Delta R.T. 0.043 min

Lab File: VN070792.D

Acq: 26 Jan 2022 16:14

Instrument :

MSVOA_N

ClientSampleId :

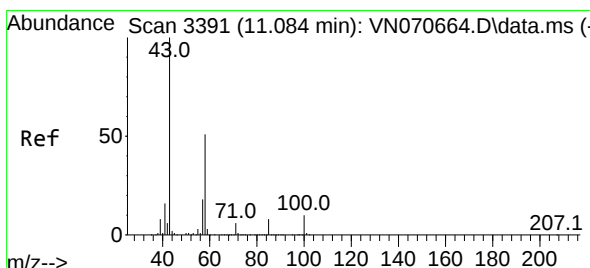
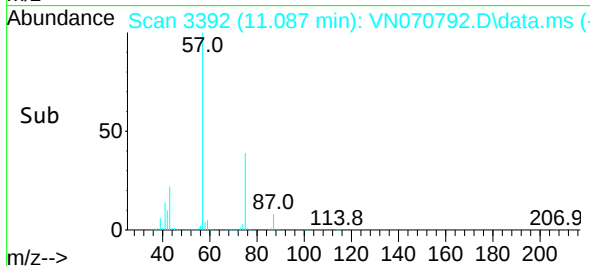
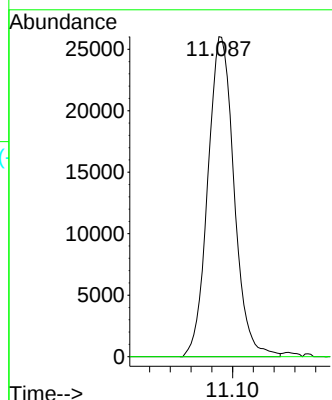
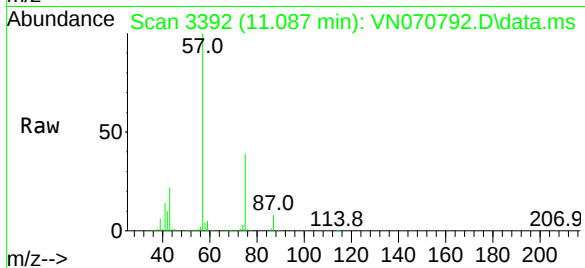
ART-ROOM-FLOORS

Tgt Ion: 76 Resp: 45689

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 61.605 ug/l

RT: 11.089 min Scan# 3393

Delta R.T. 0.005 min

Lab File: VN070792.D

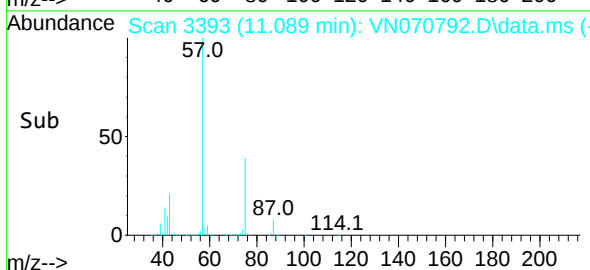
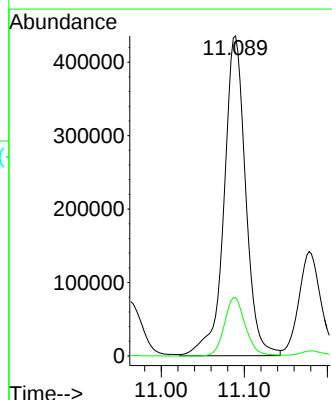
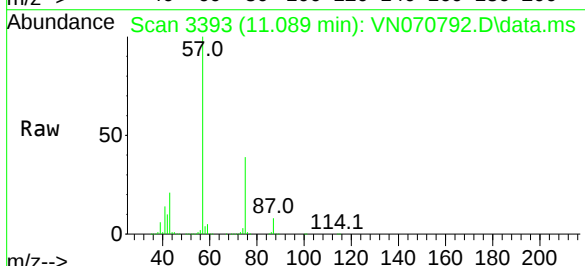
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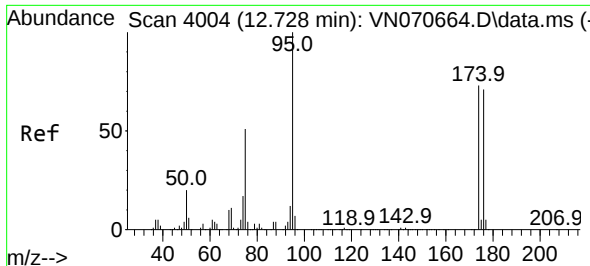
Tgt Ion: 43 Resp: 789239

Ion Ratio Lower Upper

43 100

58 17.8 26.9 80.7#

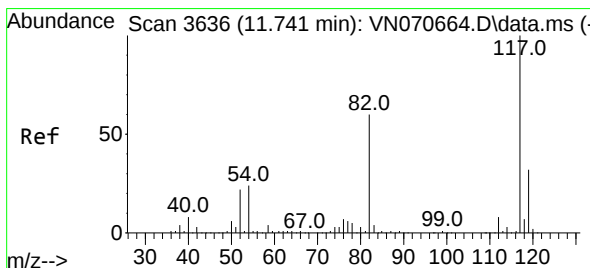
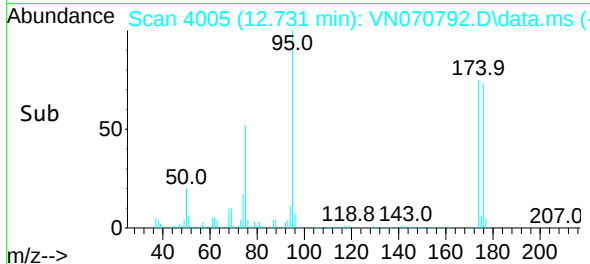
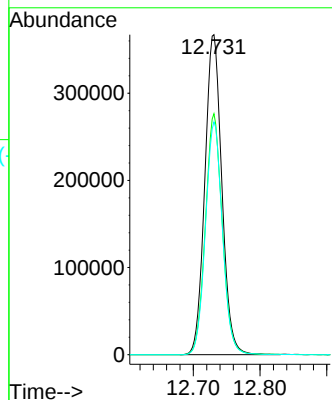
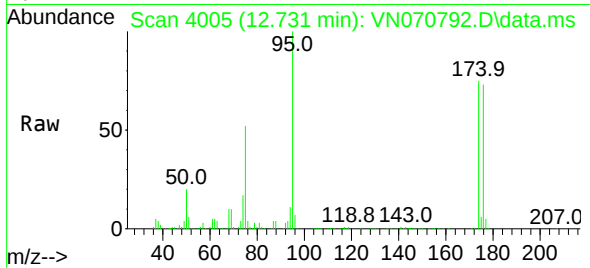




#62
4-Bromofluorobenzene
Concen: 53.540 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

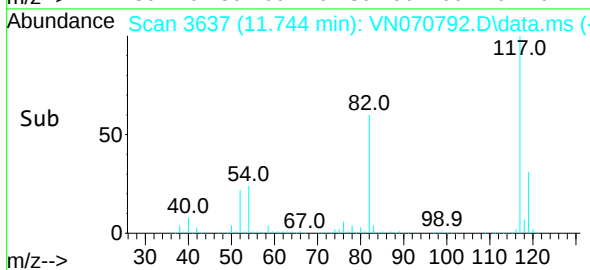
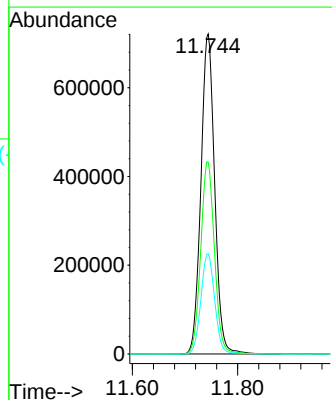
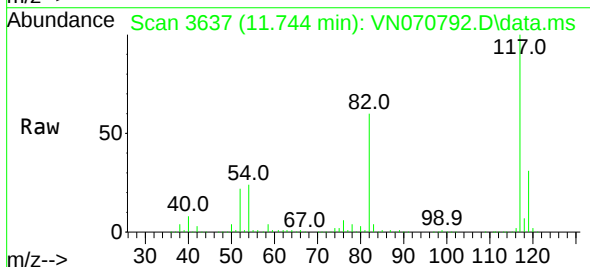
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ClientSampleId :
ART-ROOM-FLOORS

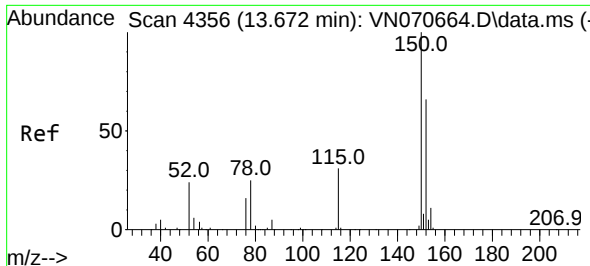
Tgt Ion: 95 Resp: 650704
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

Tgt Ion: 117 Resp: 1307183
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 31.3 25.4 38.2

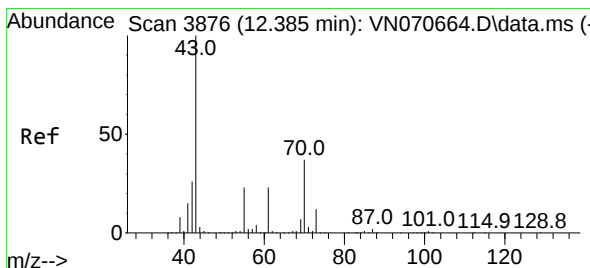
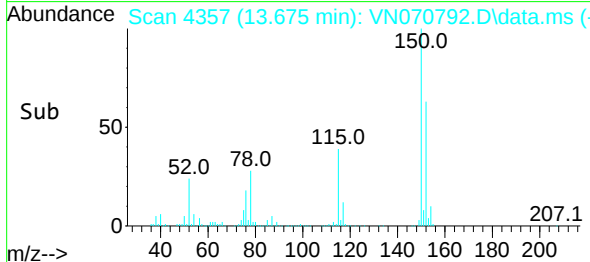
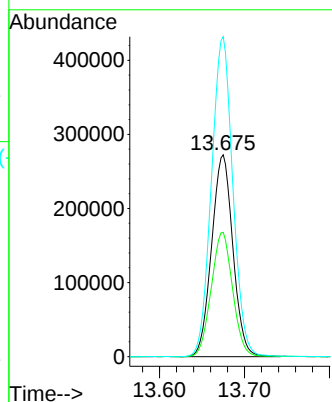
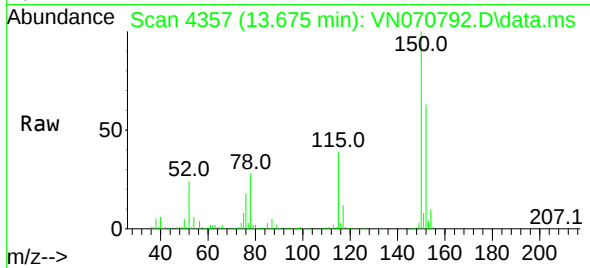




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

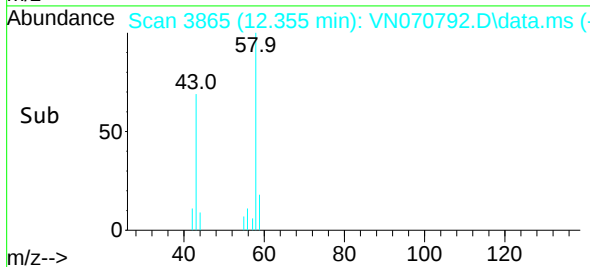
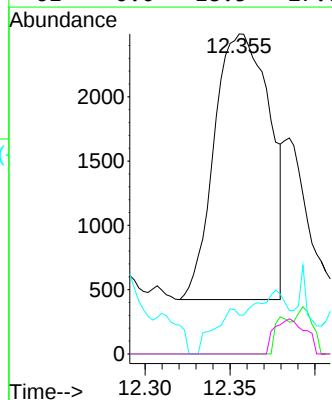
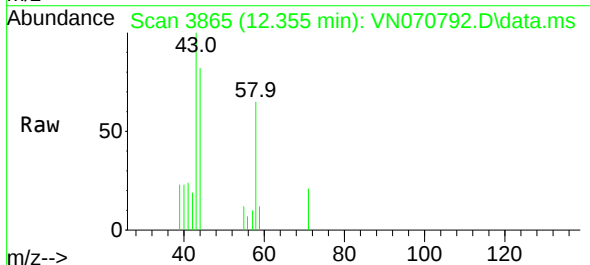
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ClientSampleId :
ART-ROOM-FLOORS

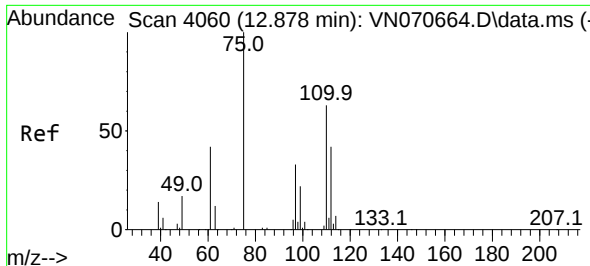
Tgt Ion:152 Resp: 474276
Ion Ratio Lower Upper
152 100
115 61.9 27.5 82.5
150 159.2 0.0 344.4



#74
N-ethyl acetate
Concen: 0.254 ug/l
RT: 12.355 min Scan# 3865
Delta R.T. -0.030 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

Tgt Ion: 43 Resp: 4667
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 7.7 19.3 28.9#
61 0.0 18.5 27.7#

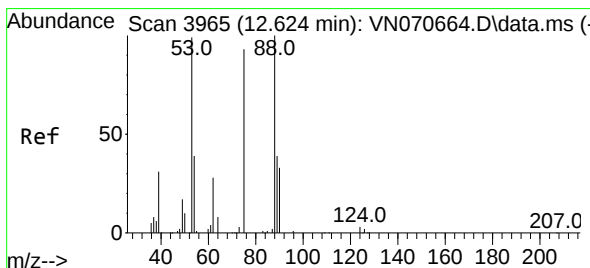
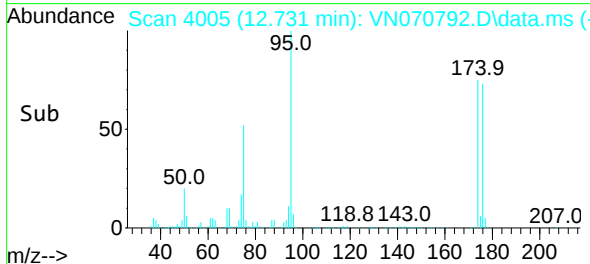
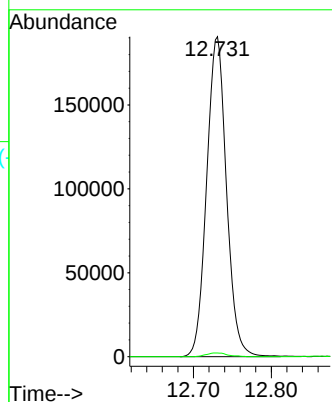
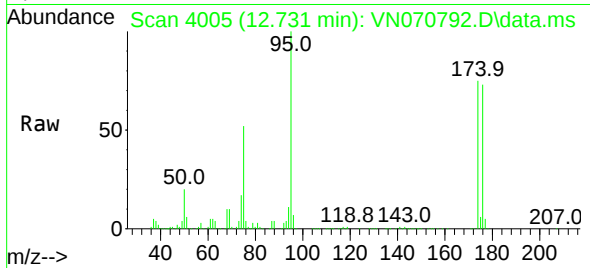




#76
1,2,3-Trichloropropane
Concen: 26.793 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

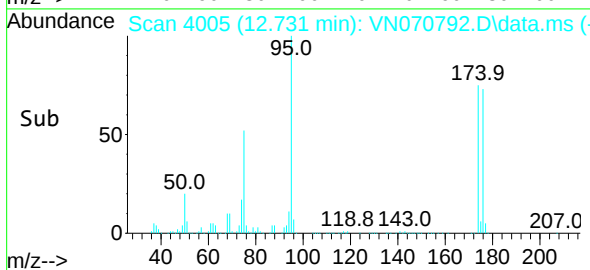
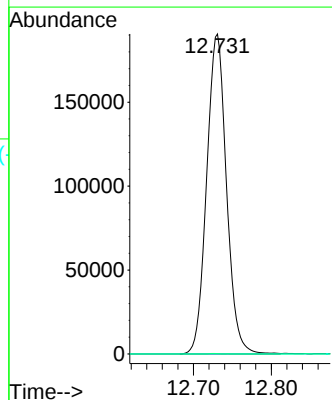
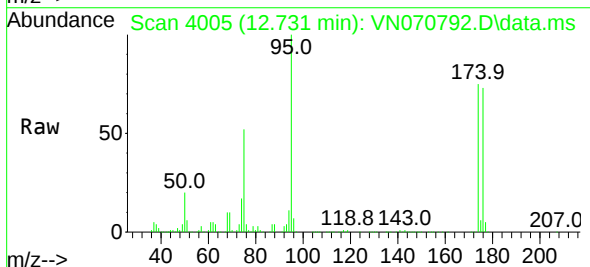
Instrument :
MSVOA_N
ClientSampleId :
ART-ROOM-FLOORS

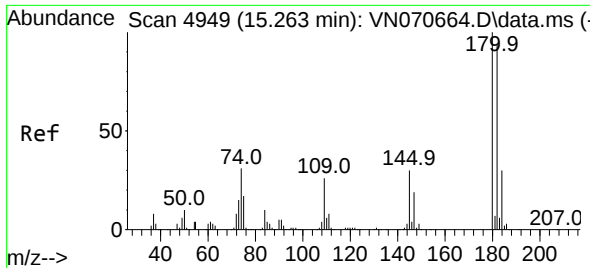
Tgt Ion: 75 Resp: 337033
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.821 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

Tgt Ion: 75 Resp: 337033
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

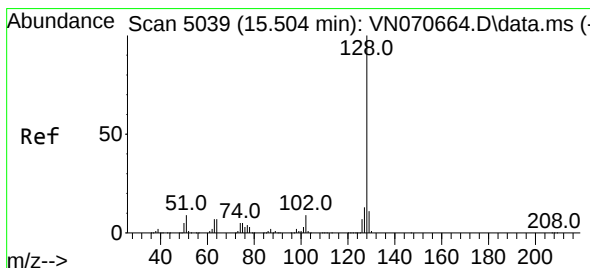
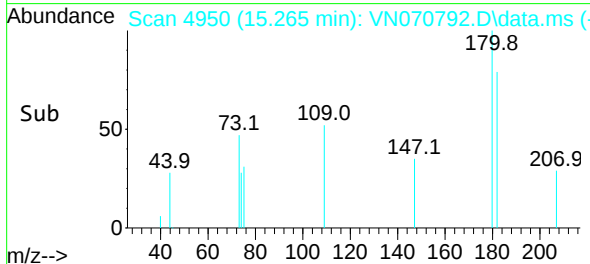
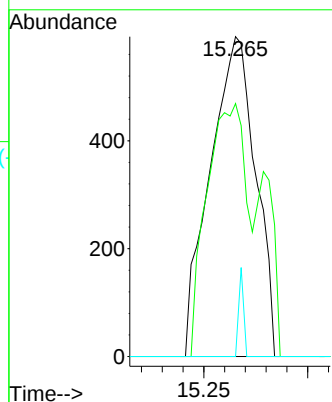
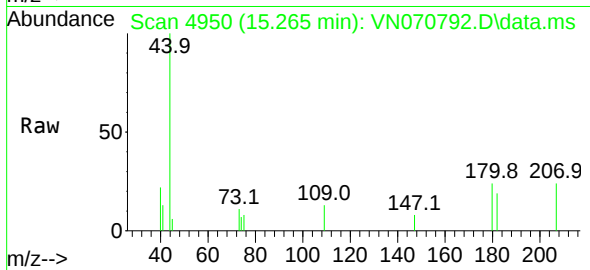




#93
1,2,4-Trichlorobenzene
Concen: 3.521 ug/l
RT: 15.265 min Scan# 4949
Delta R.T. 0.002 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

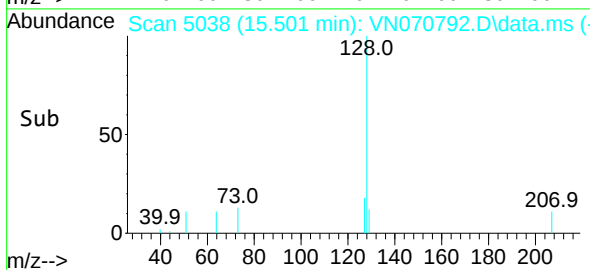
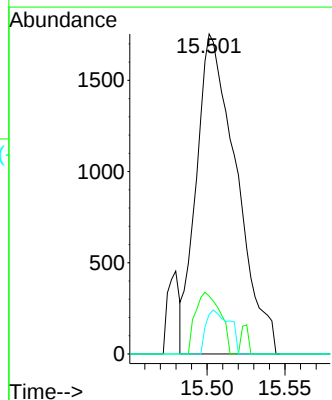
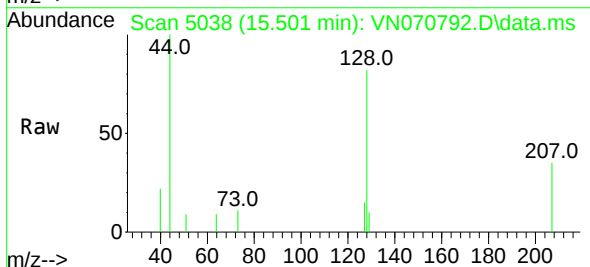
Instrument :
MSVOA_N
ClientSampleId :
ART-ROOM-FLOORS

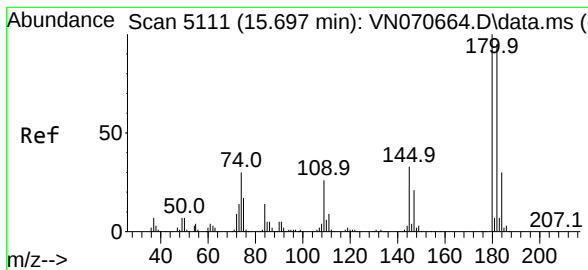
Tgt Ion:180 Resp: 902
Ion Ratio Lower Upper
180 100
182 69.3 48.3 144.9
145 3.0 14.5 43.5#



#95
Naphthalene
Concen: 5.063 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070792.D
Acq: 26 Jan 2022 16:14

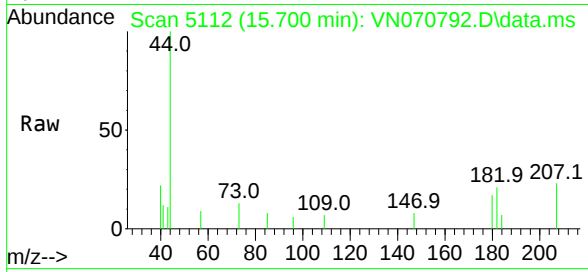
Tgt Ion:128 Resp: 3129
Ion Ratio Lower Upper
128 100
127 12.0 10.5 15.7
129 8.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.276 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VN070792.D
 Acq: 26 Jan 2022 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 ART-ROOM-FLOORS



Tgt Ion	Ratio	Lower	Upper
180	100		
182	157.5	47.4	142.2#
145	29.2	15.0	45.1

