

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012622\
 Data File : VN070796.D
 Acq On : 26 Jan 2022 17:55
 Operator : JC/MD
 Sample : N1267-23
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2ND-3RD-FLOOR-WALLS-2

Quant Time: Jan 27 03:33:56 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)

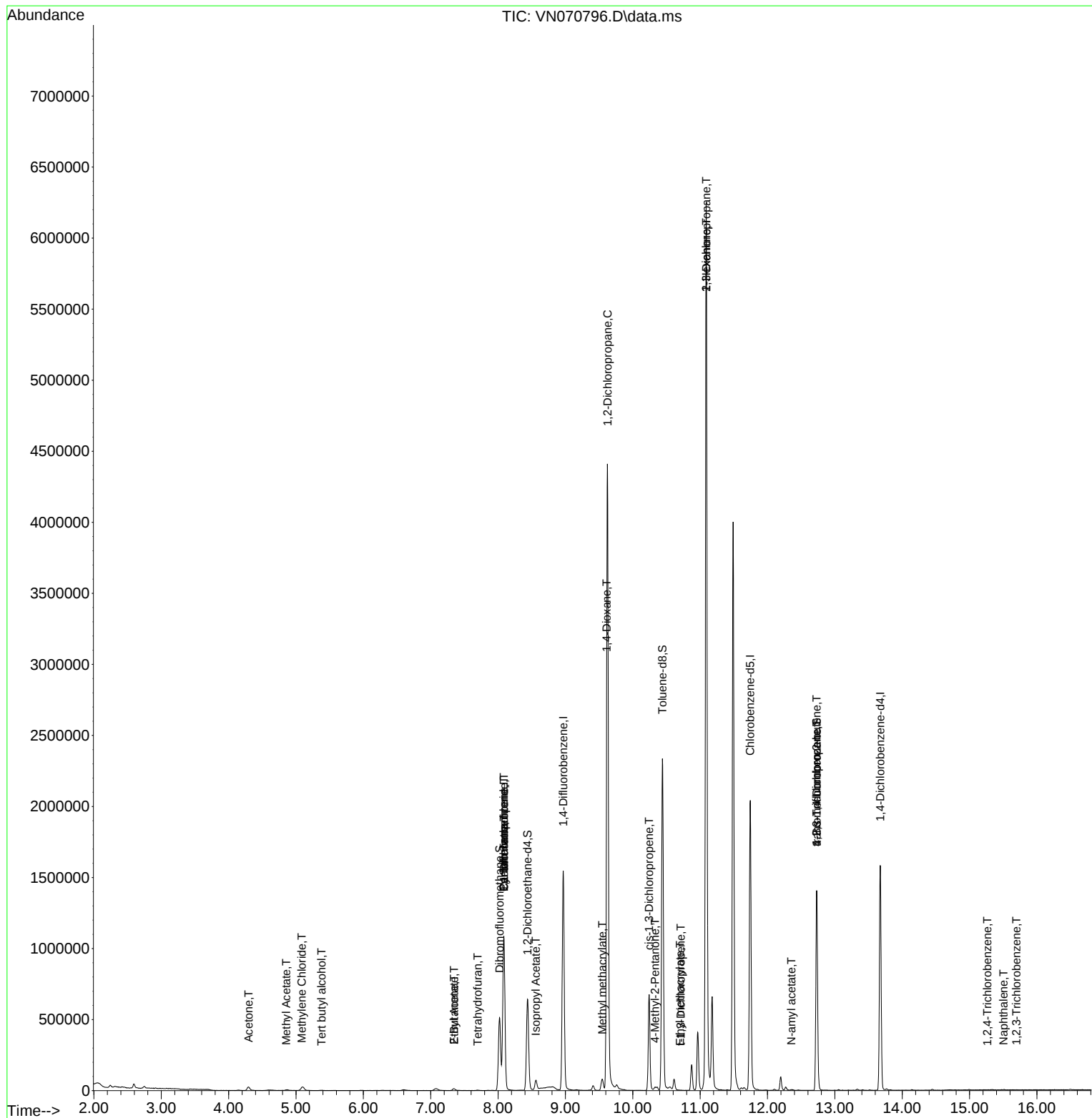
Internal Standards						
1) Pentafluorobenzene	8.086	168	814889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1310900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1167635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	429943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	560392	47.984	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.960%		
35) Dibromofluoromethane	8.021	113	382751	47.070	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.140%		
50) Toluene-d8	10.440	98	1634601	47.717	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.440%		
62) 4-Bromofluorobenzene	12.731	95	518186	42.450	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.900%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.379	59	951	0.451	ug/l	# 78
16) Acetone	4.296	43	43194	5.329	ug/l	98
18) Methyl Acetate	4.854	43	3949	0.248	ug/l	92
20) Methylene Chloride	5.087	84	8720	0.817	ug/l	92
25) 2-Butanone	7.345	43	25600	2.510	ug/l	94
29) Tetrahydrofuran	7.697	42	2110	0.338	ug/l	# 54
30) Chloroform	8.075	83	25	Below Cal	#	18
31) Cyclohexane	8.086	56	18249	0.887	ug/l	# 1
36) 1,1-Dichloropropene	8.086	75	67870	4.958	ug/l	# 48
37) Ethyl Acetate	7.345	43	25600	1.409	ug/l	# 68
38) Carbon Tetrachloride	8.086	117	85052	6.984	ug/l	# 17
43) Isopropyl Acetate	8.560	43	87530	3.153	ug/l	# 85
45) 1,2-Dichloropropane	9.625	63	4922	0.426	ug/l	# 44
48) Methyl methacrylate	9.547	41	23565	1.782	ug/l	# 8
49) 1,4-Dioxane	9.612	88	199	1.002	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.328	43	10432	0.589	ug/l	# 74
53) t-1,3-Dichloropropene	10.711	75	53	2.407	ug/l	# 81
54) cis-1,3-Dichloropropene	10.242	75	113999	6.930	ug/l	# 63
56) Ethyl methacrylate	10.701	69	546	2.329	ug/l	# 24
57) 1,3-Dichloropropane	11.089	76	63055	3.573	ug/l	# 43
59) 2-Hexanone	11.089	43	1065894	82.835	ug/l	# 49
74) N-amyl acetate	12.355	43	4982	0.300	ug/l	# 48
76) 1,2,3-Trichloropropane	12.731	75	277139	24.304	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.731	75	277139	72.404	ug/l	# 5
93) 1,2,4-Trichlorobenzene	15.265	180	221	3.451	ug/l	# 19
95) Naphthalene	15.504	128	1846	5.023	ug/l	# 77
96) 1,2,3-Trichlorobenzene	15.697	180	452	3.272	ug/l	# 74

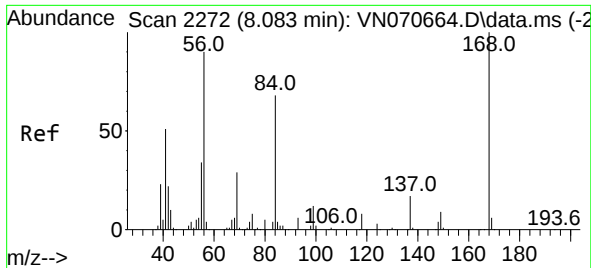
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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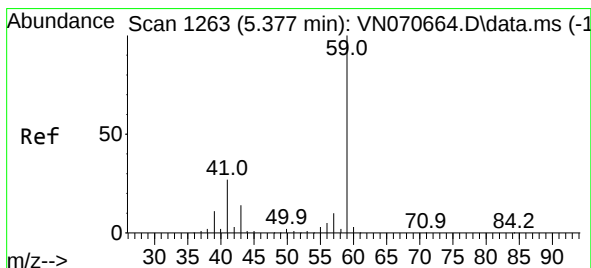
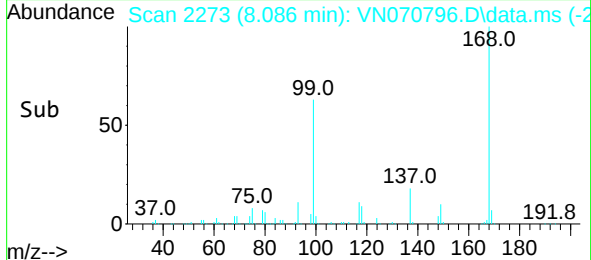
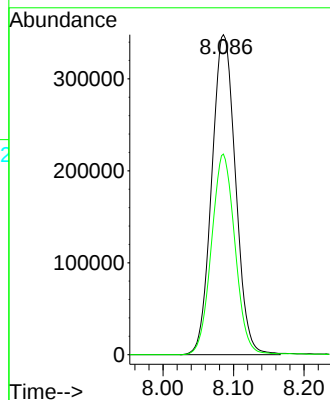
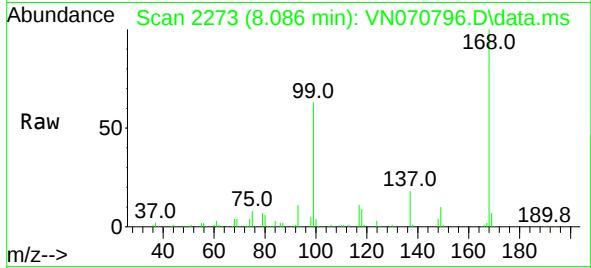




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

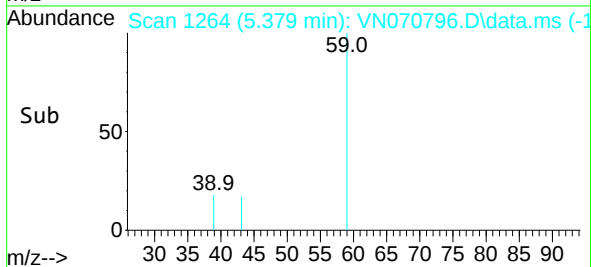
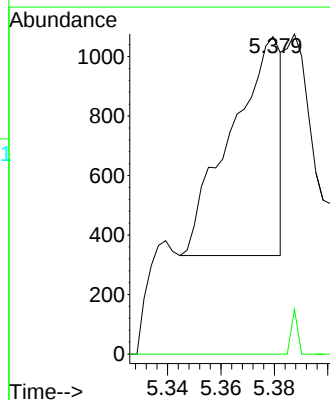
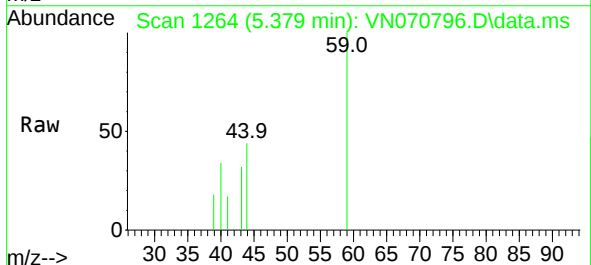
Instrument :
MSVOA_N
ClientSampleId :
2ND-3RD-FLOOR-WALLS-2

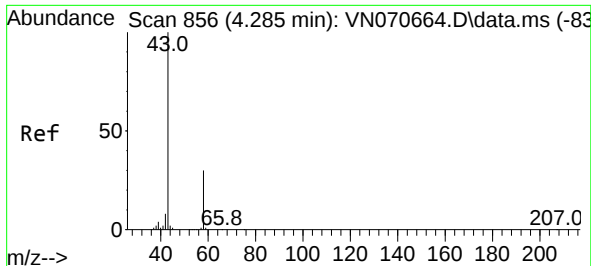
Tgt Ion:168 Resp: 814889
Ion Ratio Lower Upper
168 100
99 62.7 41.3 61.9#



#11
Tert butyl alcohol
Concen: 0.451 ug/l
RT: 5.379 min Scan# 1264
Delta R.T. 0.002 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

Tgt Ion: 59 Resp: 951
Ion Ratio Lower Upper
59 100
57 2.5 8.7 13.1#

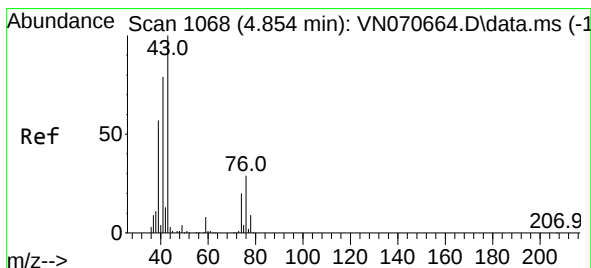
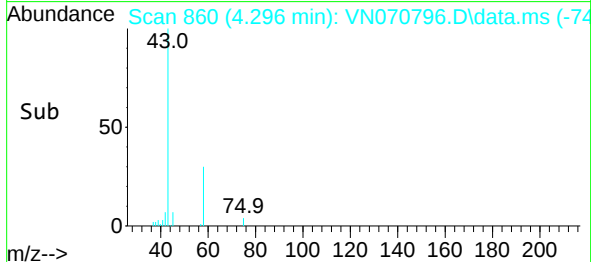
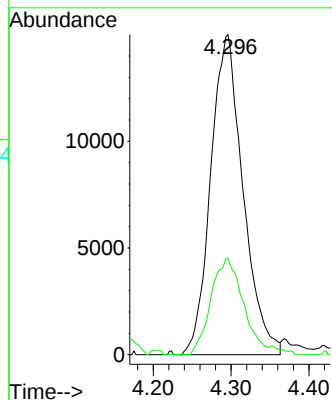
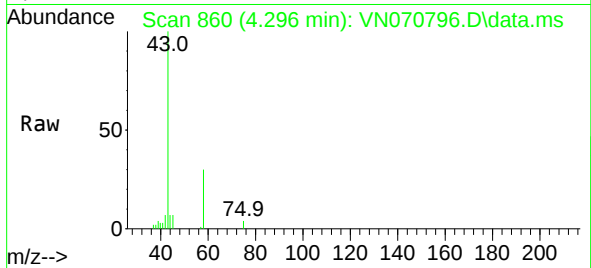




#16
Acetone
Concen: 5.329 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

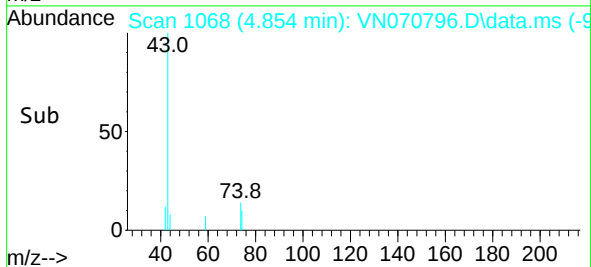
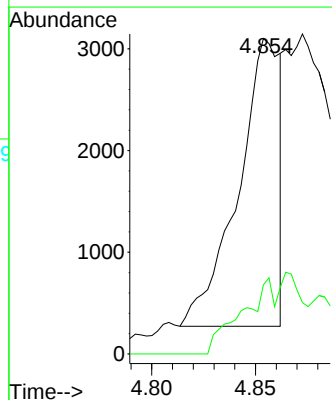
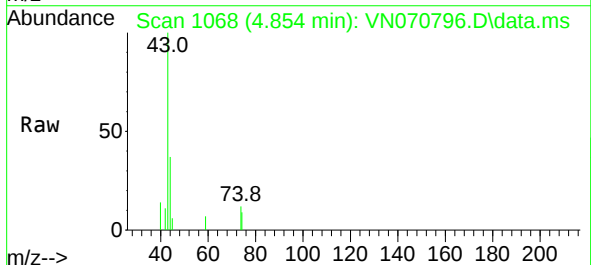
Instrument :
MSVOA_N
ClientSampleId :
2ND-3RD-FLOOR-WALLS-2

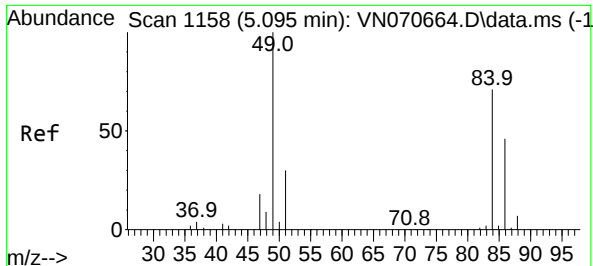
Tgt Ion: 43 Resp: 43194
Ion Ratio Lower Upper
43 100
58 30.2 23.1 34.7



#18
Methyl Acetate
Concen: 0.248 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

Tgt Ion: 43 Resp: 3949
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2

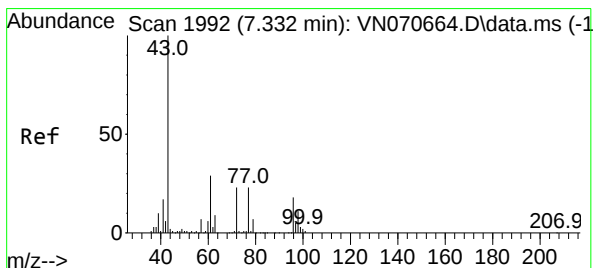
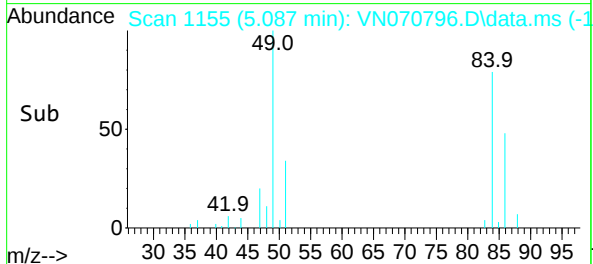
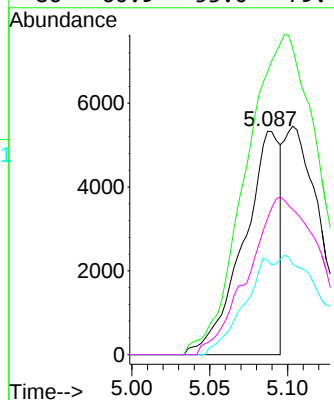
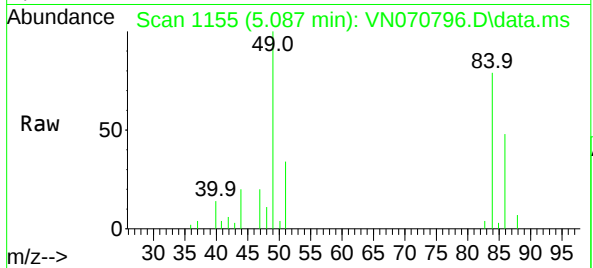




#20
Methylene Chloride
Concen: 0.817 ug/l
RT: 5.087 min Scan# 1155
Delta R.T. -0.008 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

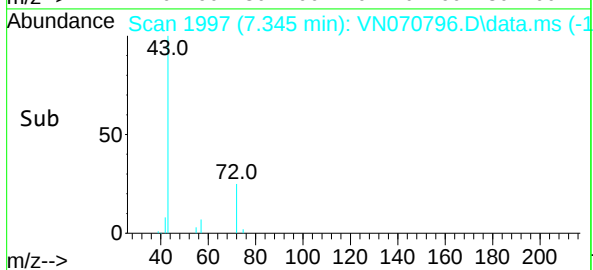
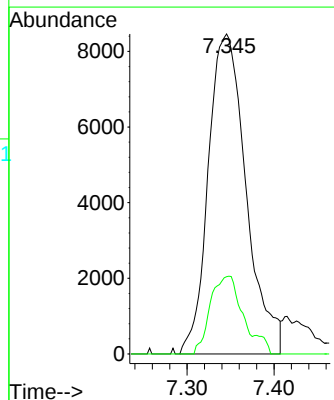
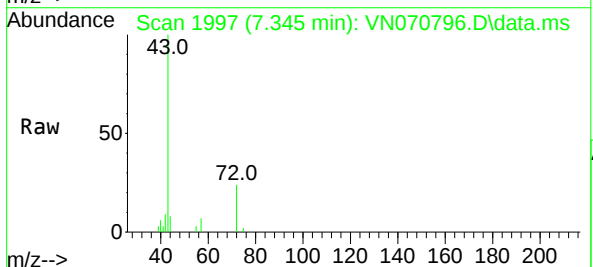
Instrument :
MSVOA_N
ClientSampleId :
2ND-3RD-FLOOR-WALLS-2

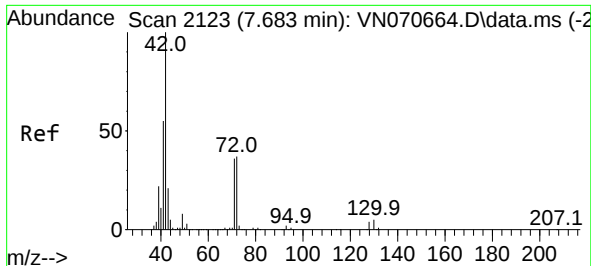
Tgt Ion:	84	Resp:	8720
Ion	Ratio	Lower	Upper
84	100		
49	126.3	93.5	140.3
51	42.4	29.4	44.2
86	60.9	53.0	79.4



#25
2-Butanone
Concen: 2.510 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.013 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

Tgt Ion:	43	Resp:	25600
Ion	Ratio	Lower	Upper
43	100		
72	24.2	21.7	32.5





#29

Tetrahydrofuran

Concen: 0.338 ug/l

RT: 7.697 min Scan# 21

Delta R.T. 0.014 min

Lab File: VN070796.D

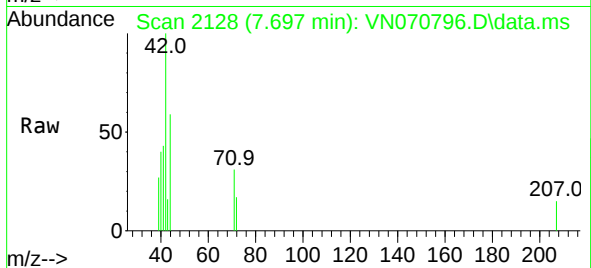
Acq: 26 Jan 2022 17:55

Instrument :

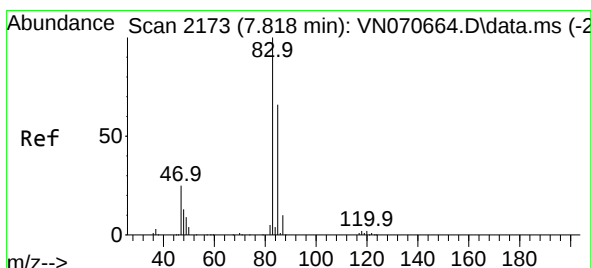
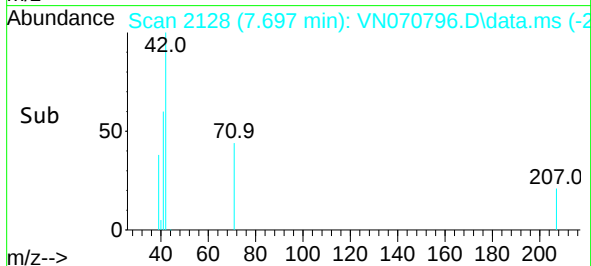
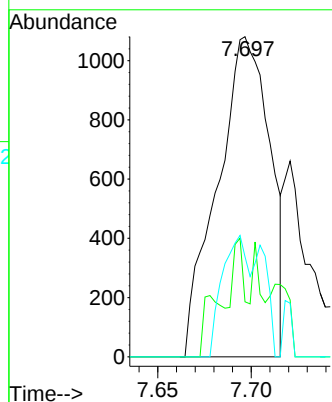
MSVOA_N

ClientSampleId :

2ND-3RD-FLOOR-WALLS-2



Tgt Ion:	42	Resp:	2110
Ion	Ratio	Lower	Upper
42	100		
72	10.0	36.3	54.5#
71	18.9	34.7	52.1#



#30

Chloroform

Concen: Below Cal

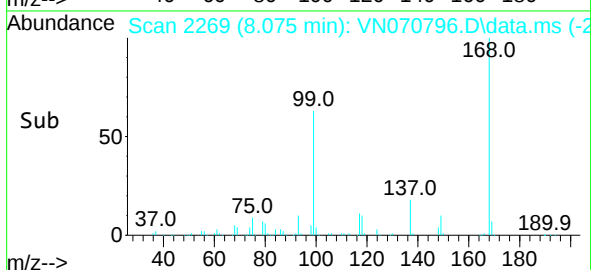
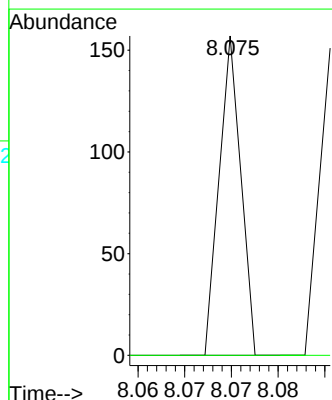
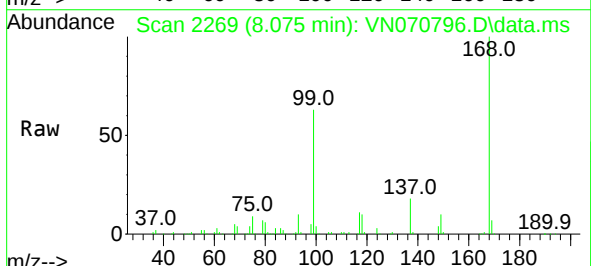
RT: 8.075 min Scan# 2269

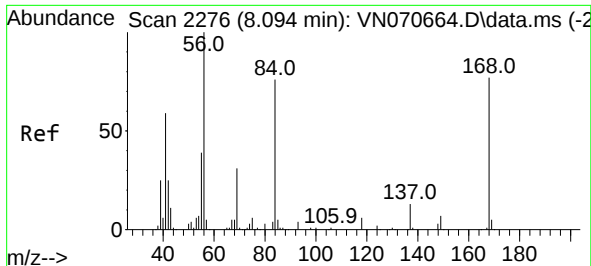
Delta R.T. 0.257 min

Lab File: VN070796.D

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Tgt Ion:	83	Resp:	25
Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.9	77.9#

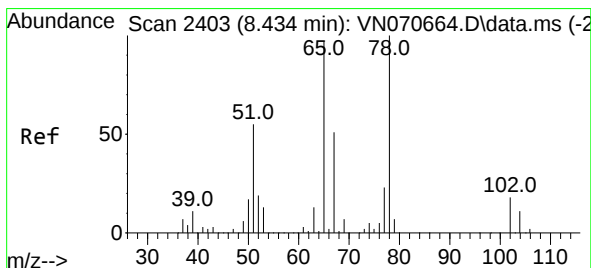
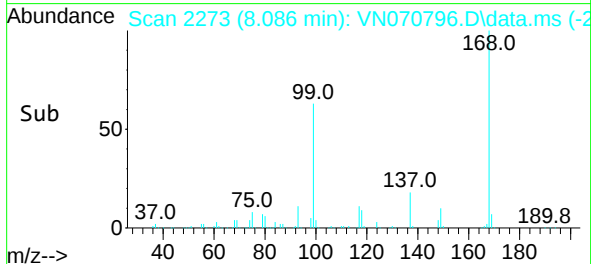
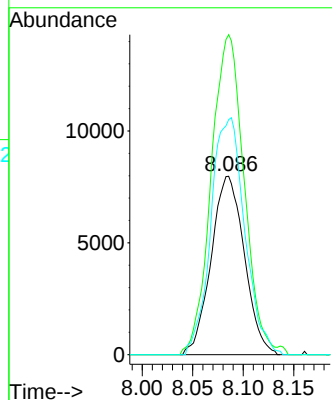
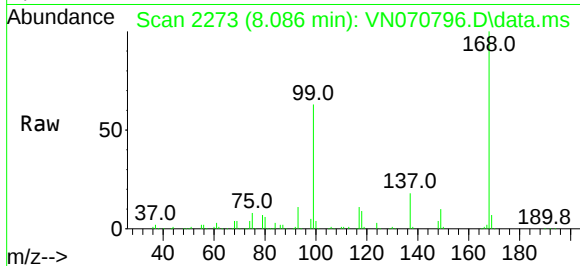




#31
Cyclohexane
Concen: 0.887 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

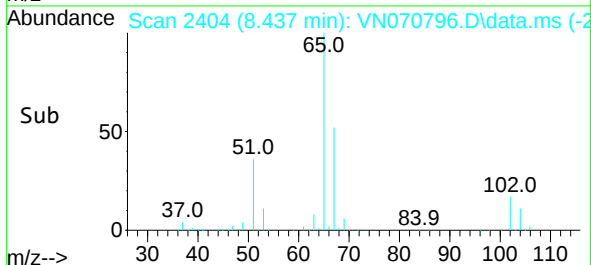
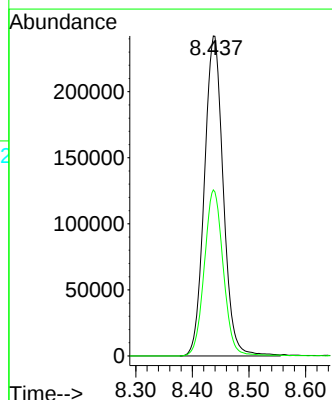
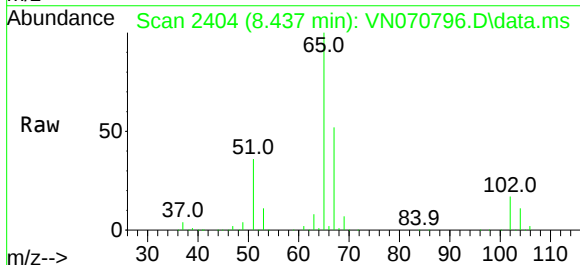
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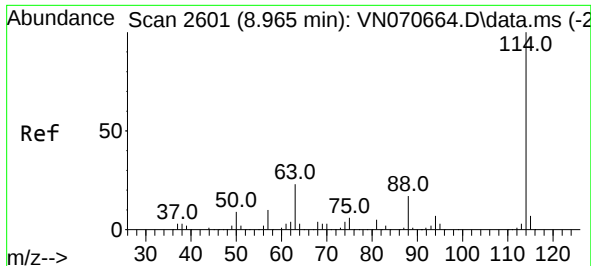
Tgt Ion: 56 Resp: 18249
Ion Ratio Lower Upper
56 100
69 179.4 27.1 40.7#
84 131.8 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 47.984 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

Tgt Ion: 65 Resp: 560392
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

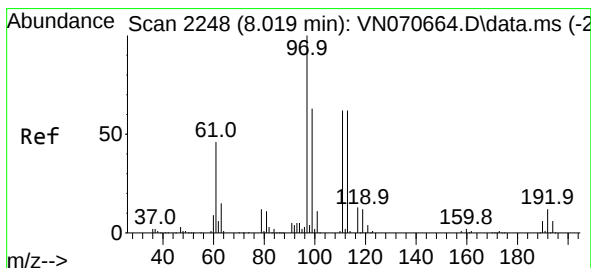
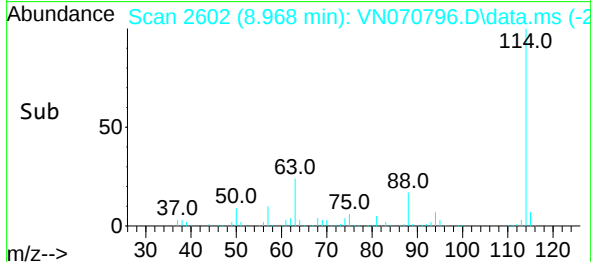
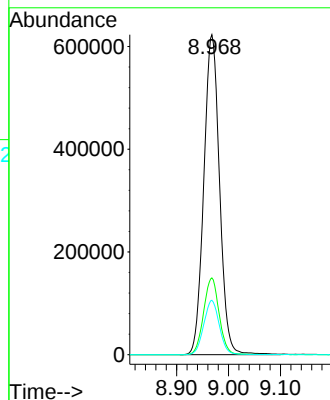
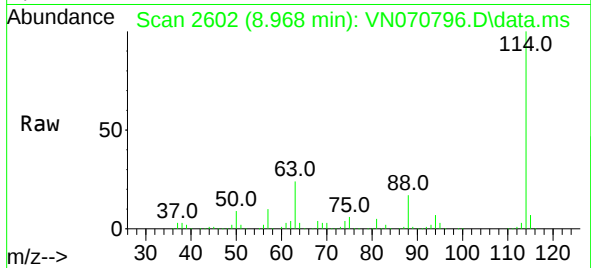




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

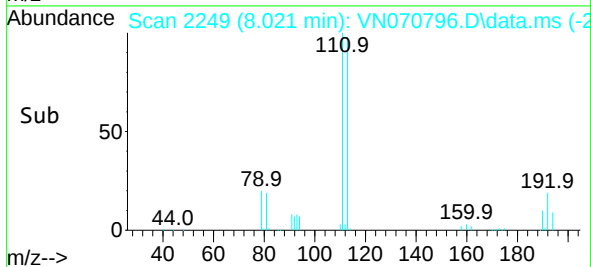
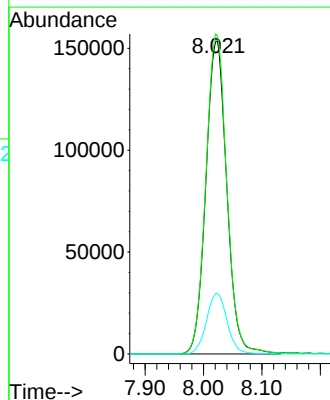
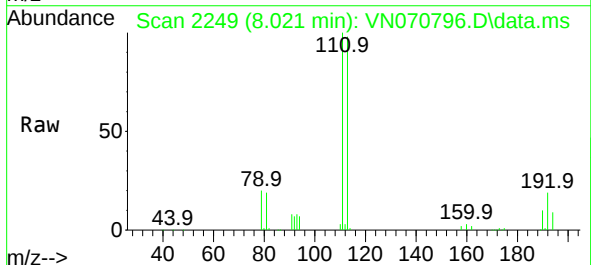
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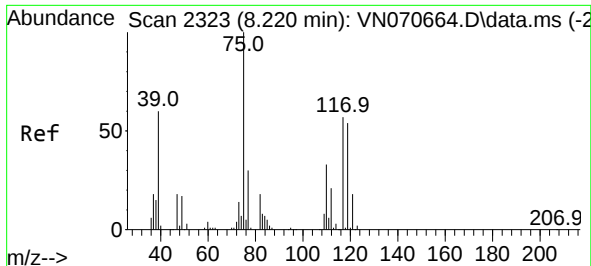
Tgt Ion:114 Resp: 1310900
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 17.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.070 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

Tgt Ion:113 Resp: 382751
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 19.1 16.9 25.3

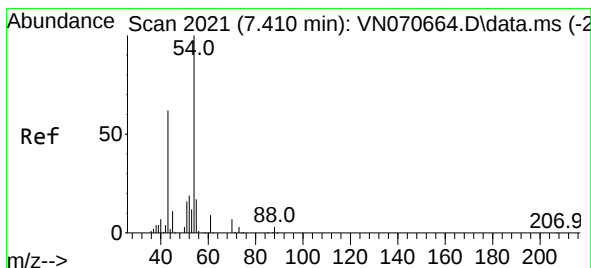
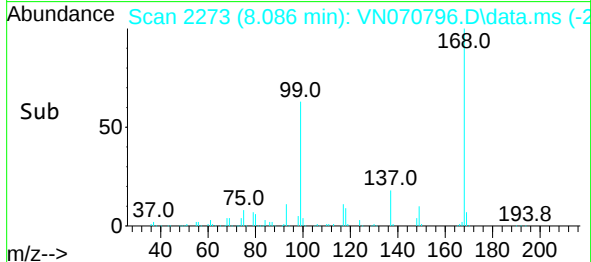
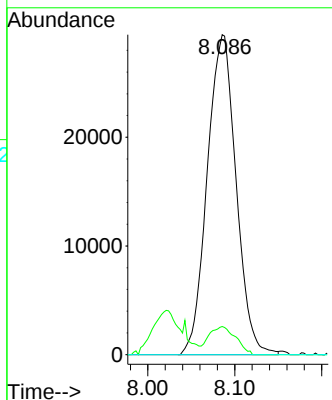
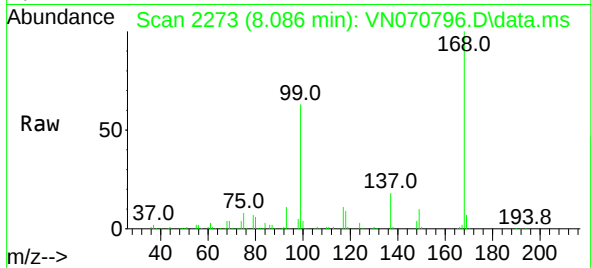




#36
 1,1-Dichloropropene
 Concen: 4.958 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VN070796.D
 Acq: 26 Jan 2022 17:55

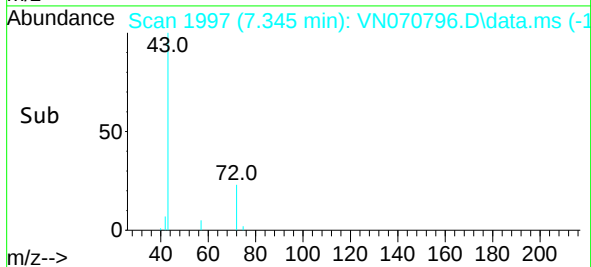
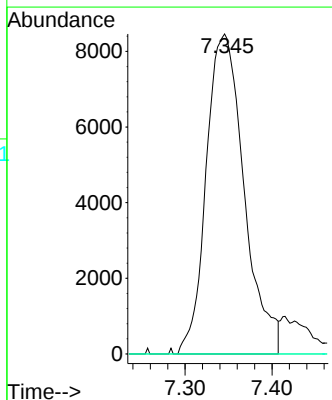
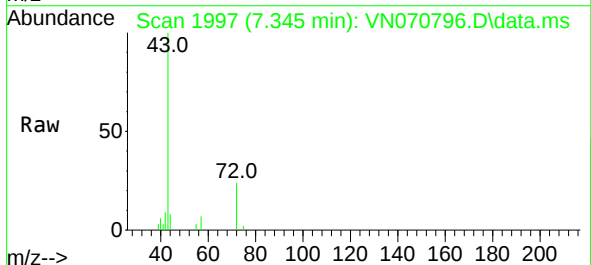
Instrument :
 MSVOA_N
 ClientSampleId :
 2ND-3RD-FLOOR-WALLS-2

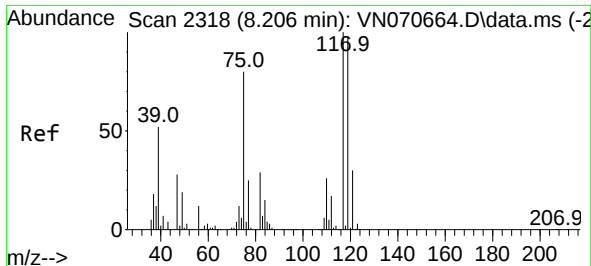
Tgt Ion: 75 Resp: 67870
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 1.409 ug/l
 RT: 7.345 min Scan# 1997
 Delta R.T. -0.065 min
 Lab File: VN070796.D
 Acq: 26 Jan 2022 17:55

Tgt Ion: 43 Resp: 25600
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 7.9 11.9#

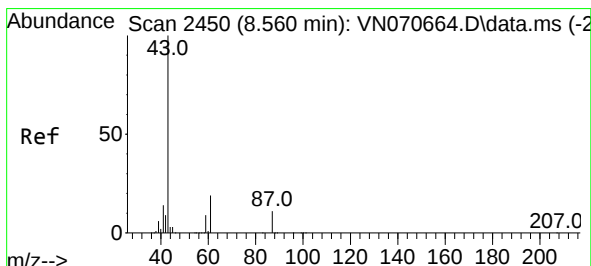
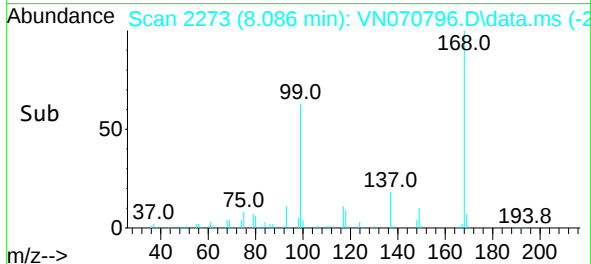
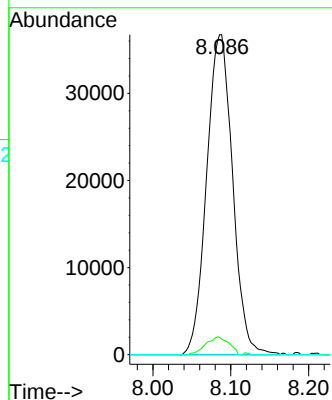
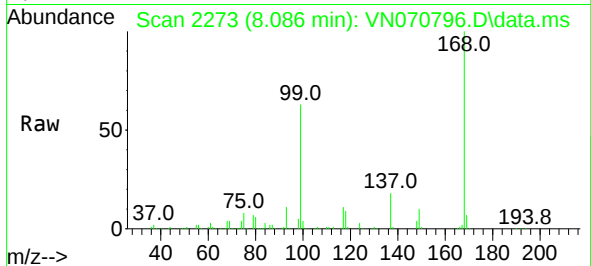




#38
Carbon Tetrachloride
Concen: 6.984 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

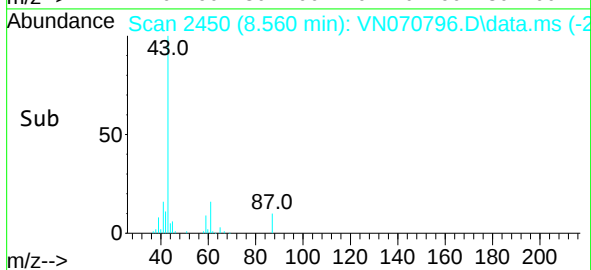
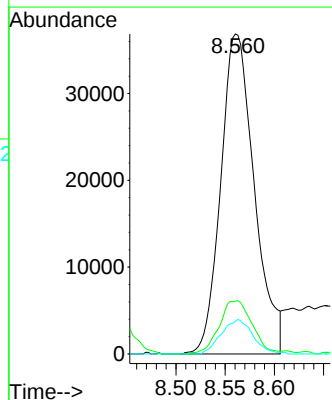
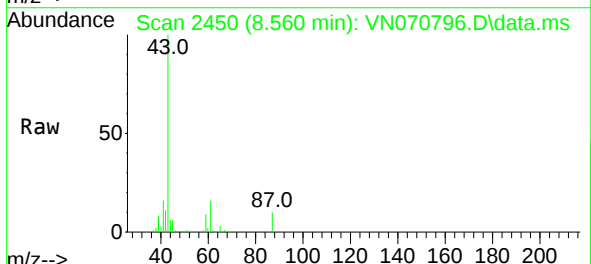
Instrument :
MSVOA_N
ClientSampleId :
2ND-3RD-FLOOR-WALLS-2

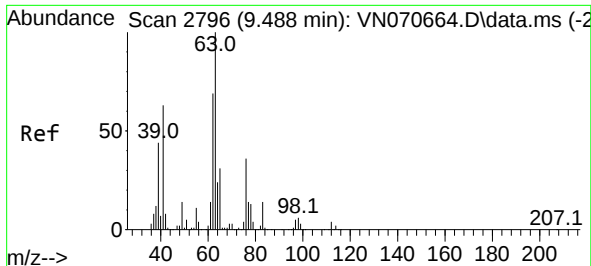
Tgt Ion:117 Resp: 85052
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.153 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

Tgt Ion: 43 Resp: 87530
Ion Ratio Lower Upper
43 100
61 16.3 20.4 30.6#
87 10.2 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 0.426 ug/l

RT: 9.625 min Scan# 21

Delta R.T. 0.137 min

Lab File: VN070796.D

Acq: 26 Jan 2022 17:55

Instrument :

MSVOA_N

ClientSampleId :

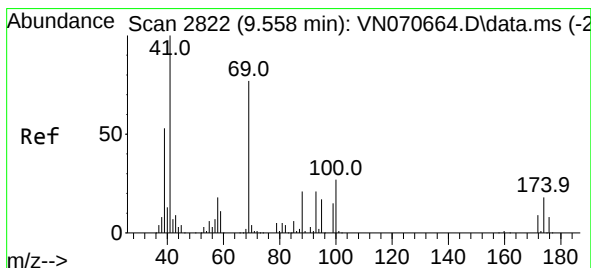
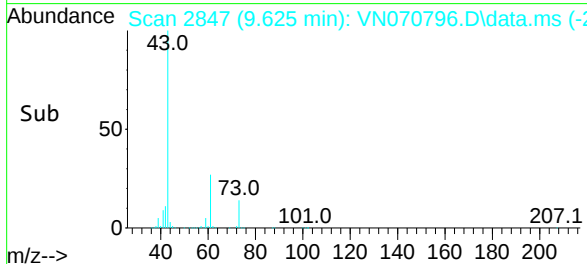
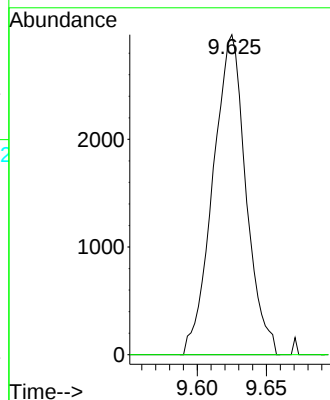
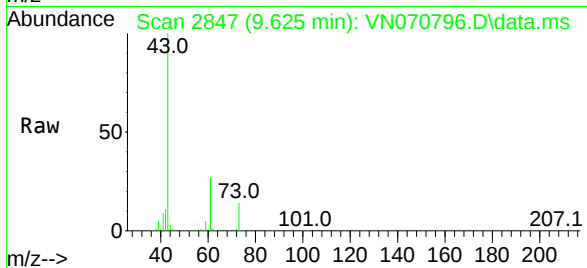
2ND-3RD-FLOOR-WALLS-2

Tgt Ion: 63 Resp: 4922

Ion Ratio Lower Upper

63 100

65 0.0 24.7 37.1#



#48

Methyl methacrylate

Concen: 1.782 ug/l

RT: 9.547 min Scan# 2818

Delta R.T. -0.011 min

Lab File: VN070796.D

Acq: 26 Jan 2022 17:55

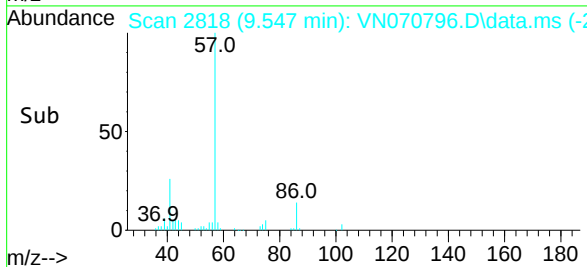
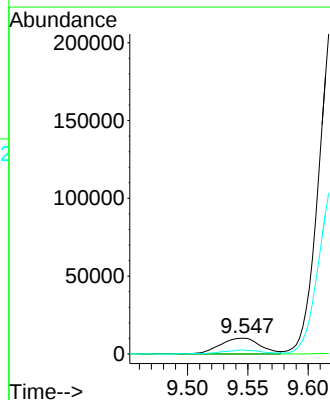
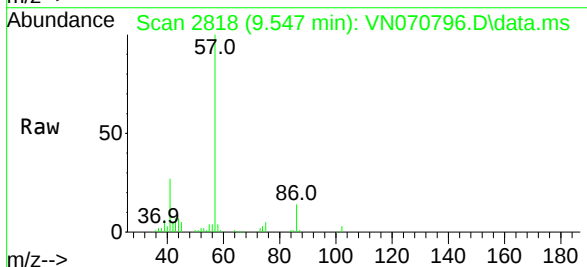
Tgt Ion: 41 Resp: 23565

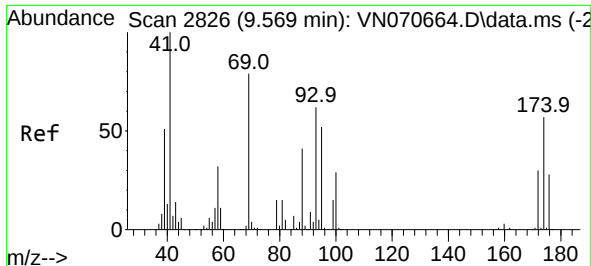
Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

39 0.0 58.4 87.6#

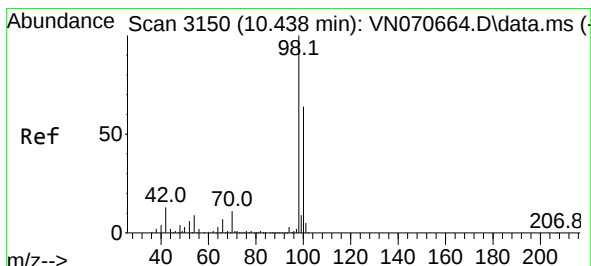
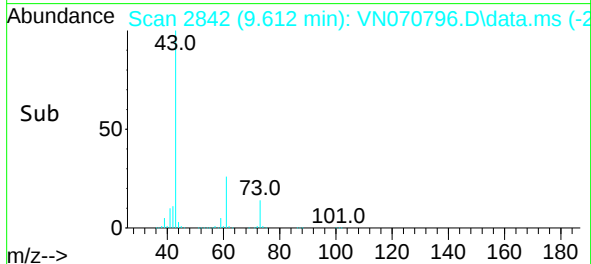
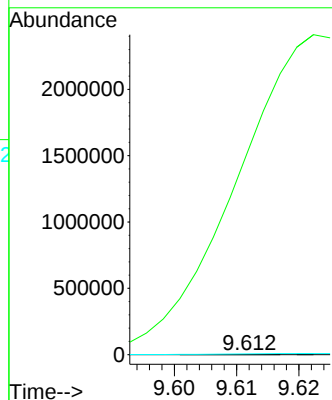
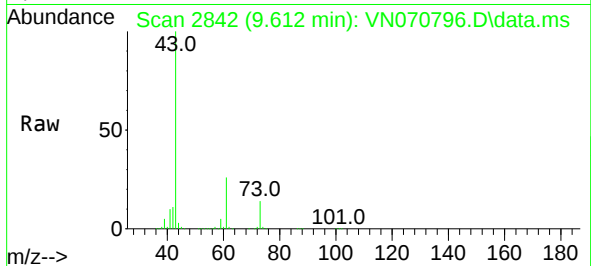




#49
1,4-Dioxane
Concen: 1.002 ug/l
RT: 9.612 min Scan# 21
Delta R.T. 0.043 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

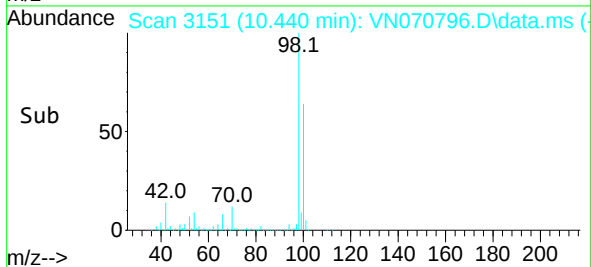
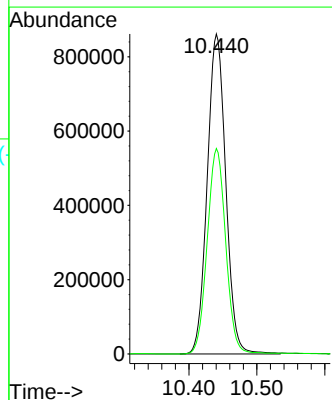
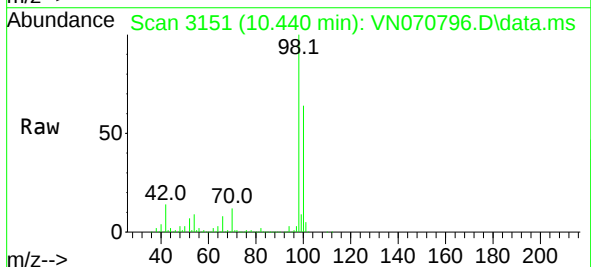
Instrument :
MSVOA_N
ClientSampleId :
2ND-3RD-FLOOR-WALLS-2

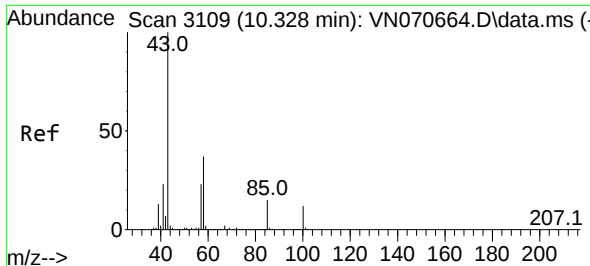
Tgt Ion: 88 Resp: 199
Ion Ratio Lower Upper
88 100
43 2301693.0 23.4 35.2#
58 8463.3 50.6 75.8#



#50
Toluene-d8
Concen: 47.717 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

Tgt Ion: 98 Resp: 1634601
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

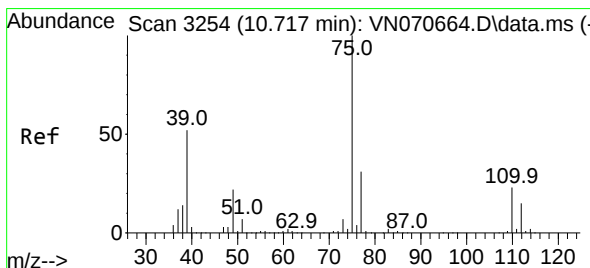
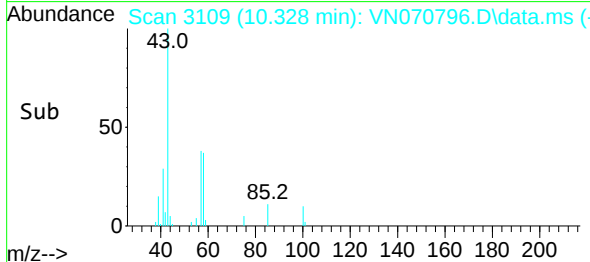
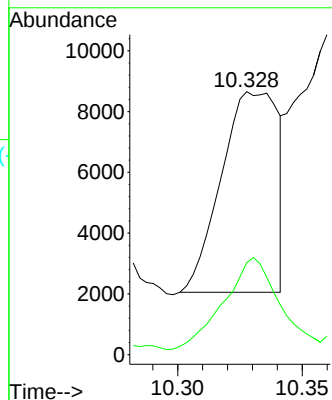
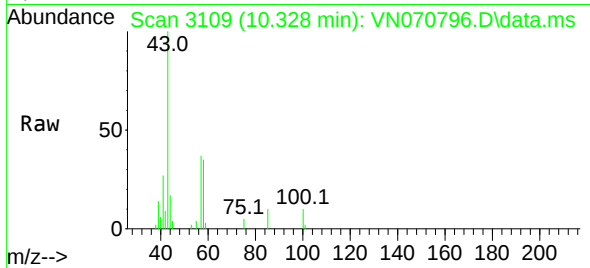




#51
4-Methyl-2-Pentanone
Concen: 0.589 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

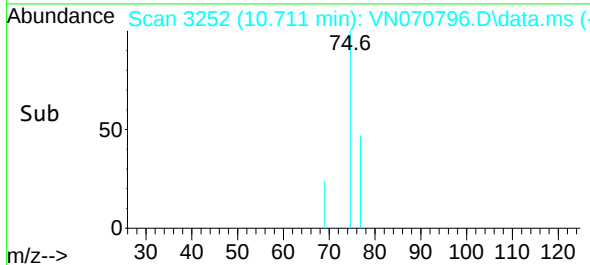
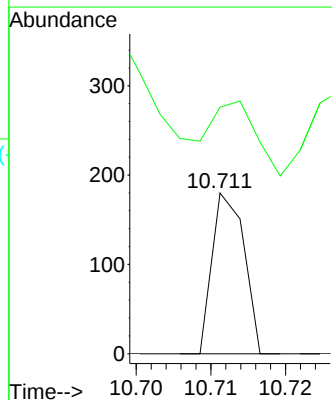
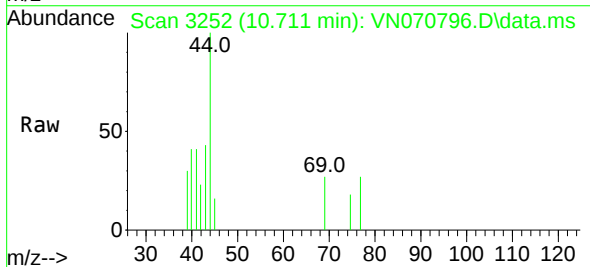
Instrument :
MSVOA_N
ClientSampleId :
2ND-3RD-FLOOR-WALLS-2

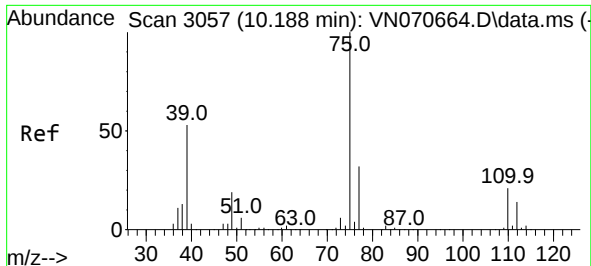
Tgt Ion: 43 Resp: 10432
Ion Ratio Lower Upper
43 100
58 53.9 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 2.407 ug/l
RT: 10.711 min Scan# 3252
Delta R.T. -0.006 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
77 42.8 25.6 38.4#

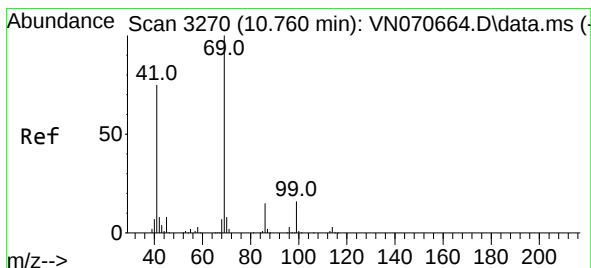
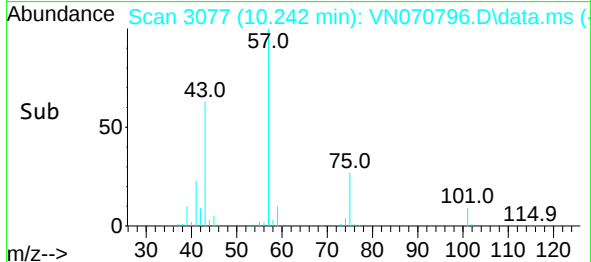
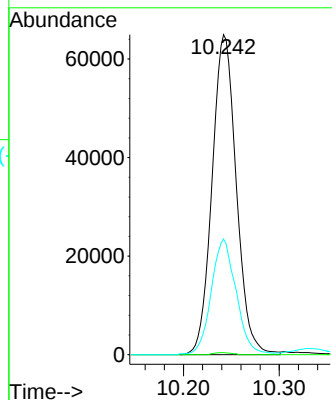
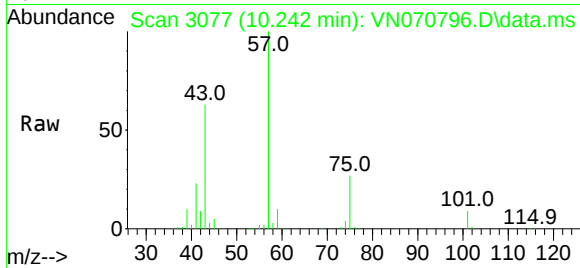




#54
 cis-1,3-Dichloropropene
 Concen: 6.930 ug/l
 RT: 10.242 min Scan# 3057
 Delta R.T. 0.054 min
 Lab File: VN070796.D
 Acq: 26 Jan 2022 17:55

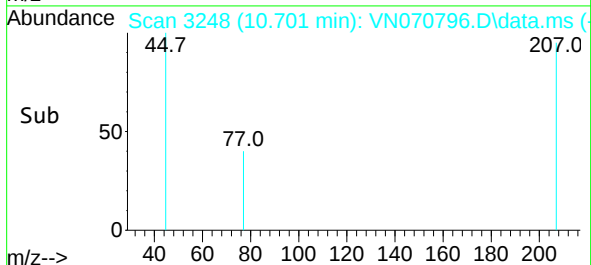
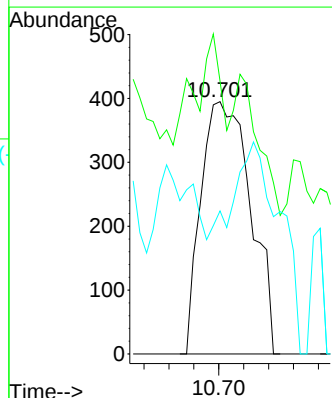
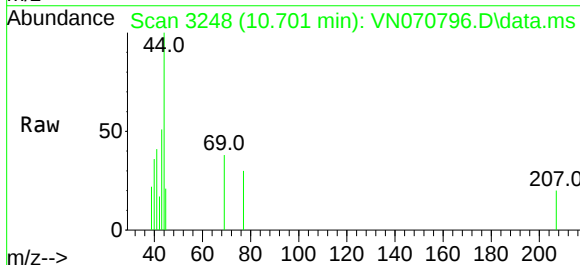
Instrument :
 MSVOA_N
 ClientSampleId :
 2ND-3RD-FLOOR-WALLS-2

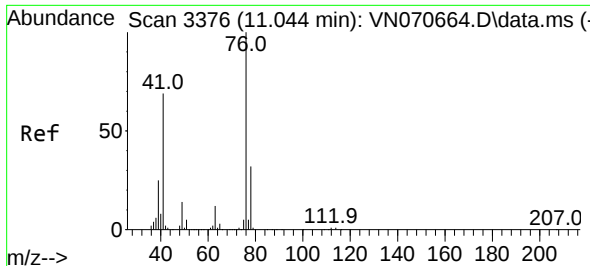
Tgt Ion: 75 Resp: 113999
 Ion Ratio Lower Upper
 75 100
 77 0.6 26.4 39.6#
 39 35.6 42.5 63.7#



#56
 Ethyl methacrylate
 Concen: 2.329 ug/l
 RT: 10.701 min Scan# 3248
 Delta R.T. -0.059 min
 Lab File: VN070796.D
 Acq: 26 Jan 2022 17:55

Tgt Ion: 69 Resp: 546
 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: 3.573 ug/l

RT: 11.089 min Scan# 3393

Delta R.T. 0.045 min

Lab File: VN070796.D

Acq: 26 Jan 2022 17:55

Instrument :

MSVOA_N

ClientSampleId :

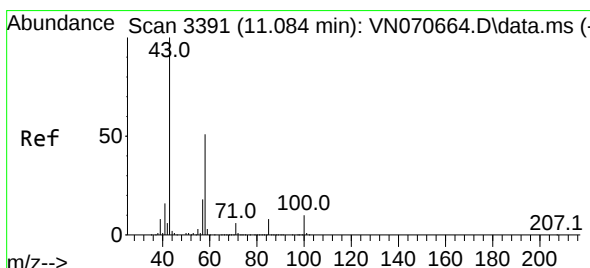
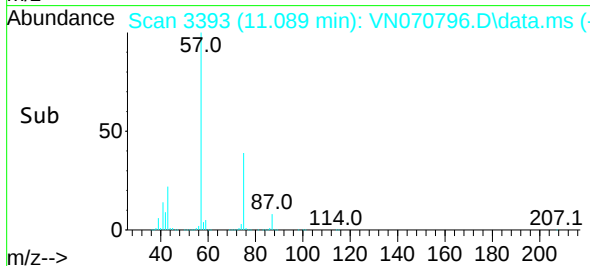
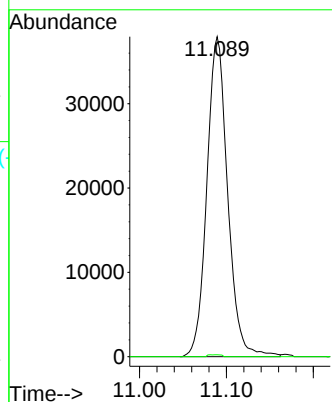
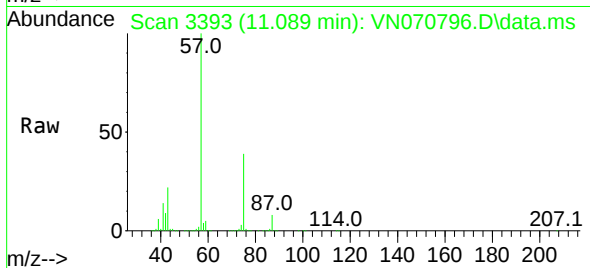
2ND-3RD-FLOOR-WALLS-2

Tgt Ion: 76 Resp: 63055

Ion Ratio Lower Upper

76 100

78 0.4 25.7 38.5#



#59

2-Hexanone

Concen: 82.835 ug/l

RT: 11.089 min Scan# 3393

Delta R.T. 0.005 min

Lab File: VN070796.D

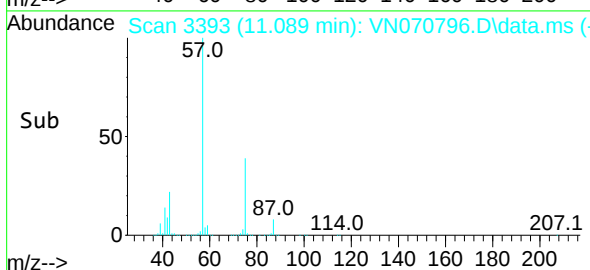
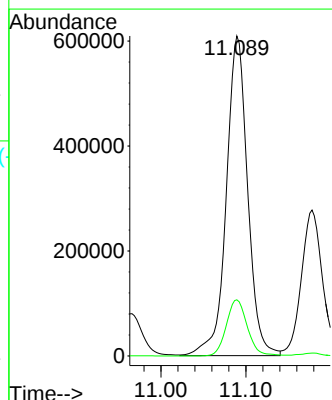
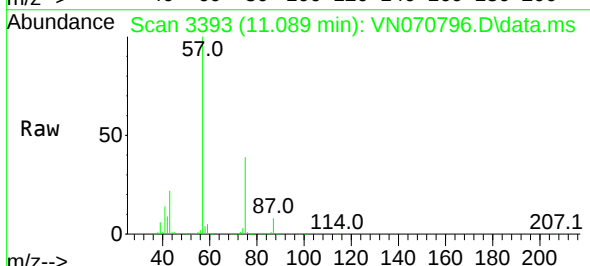
Acq: 26 Jan 2022 17:55

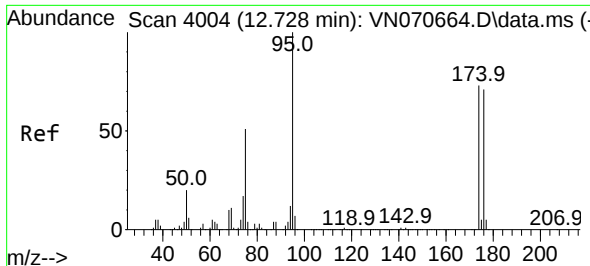
Tgt Ion: 43 Resp: 1065894

Ion Ratio Lower Upper

43 100

58 17.3 26.9 80.7#

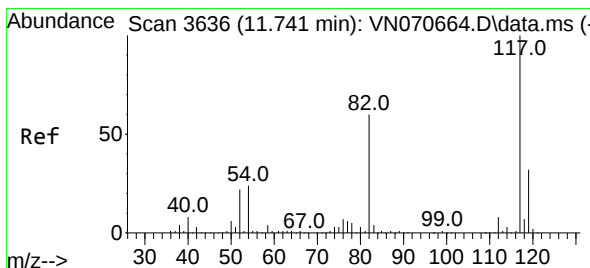
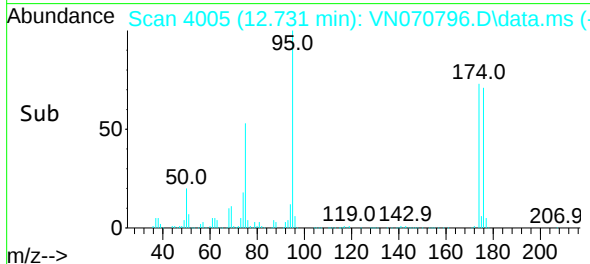
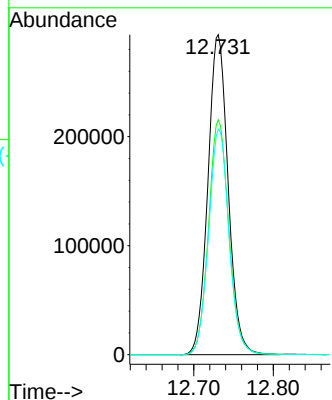
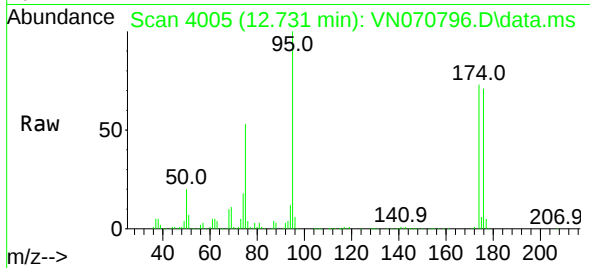




#62
4-Bromofluorobenzene
Concen: 42.450 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

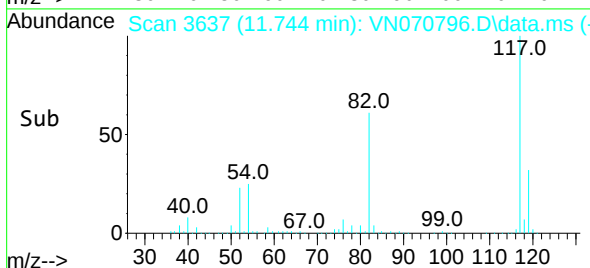
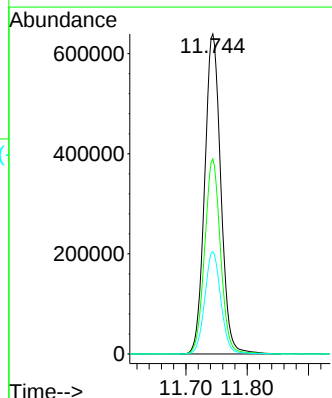
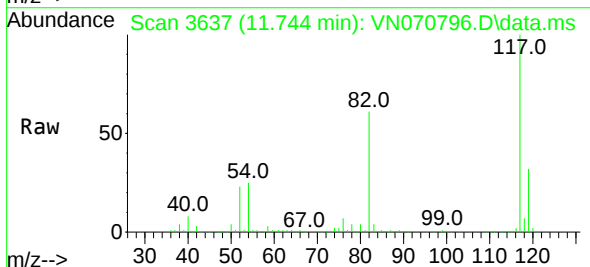
Instrument :
MSVOA_N
ClientSampleId :
2ND-3RD-FLOOR-WALLS-2

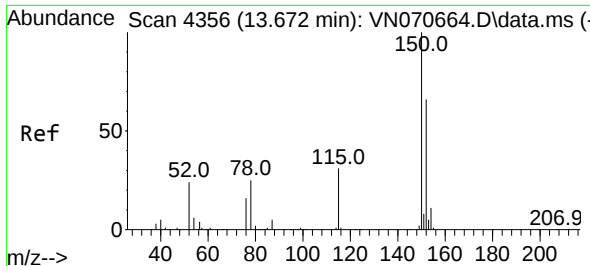
Tgt Ion: 95 Resp: 518186
Ion Ratio Lower Upper
95 100
174 73.9 0.0 187.2
176 71.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

Tgt Ion: 117 Resp: 1167635
Ion Ratio Lower Upper
117 100
82 60.9 42.4 63.6
119 32.0 25.4 38.2

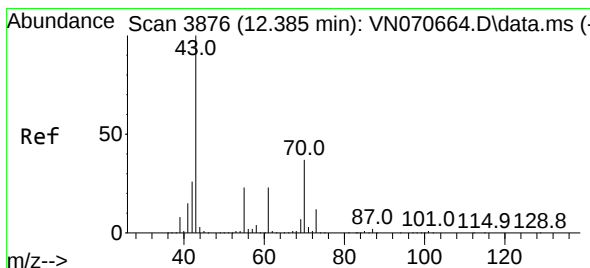
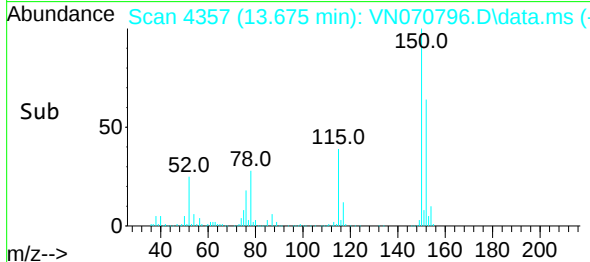
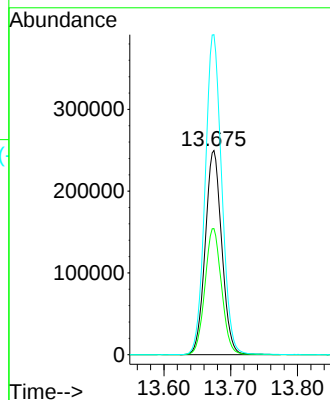
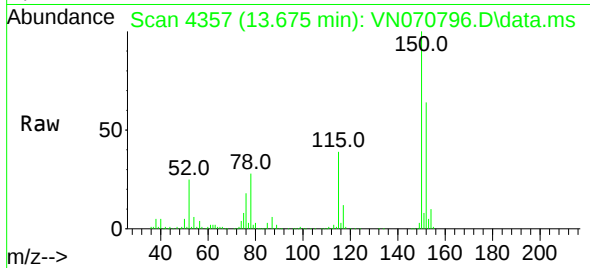




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

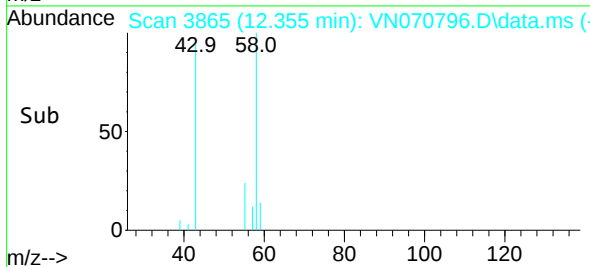
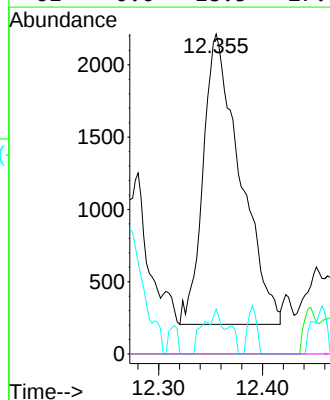
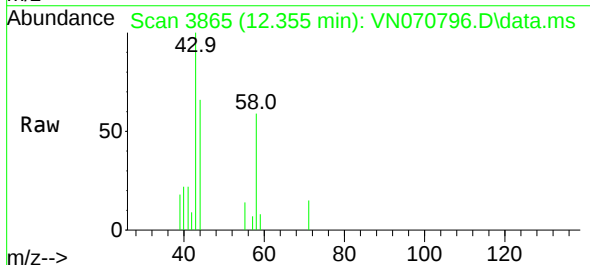
Instrument :
MSVOA_N
ClientSampleId :
2ND-3RD-FLOOR-WALLS-2

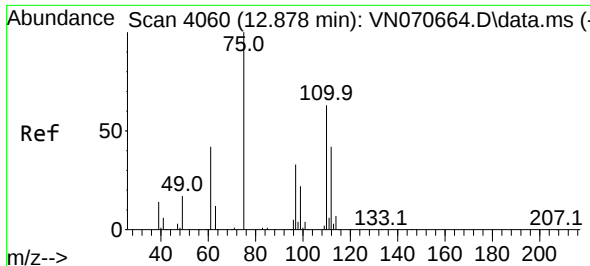
Tgt Ion:152 Resp: 429943
Ion Ratio Lower Upper
152 100
115 62.0 27.5 82.5
150 157.4 0.0 344.4



#74
N-ethyl acetate
Concen: 0.300 ug/l
RT: 12.355 min Scan# 3865
Delta R.T. -0.030 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

Tgt Ion: 43 Resp: 4982
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 7.6 19.3 28.9#
61 0.0 18.5 27.7#

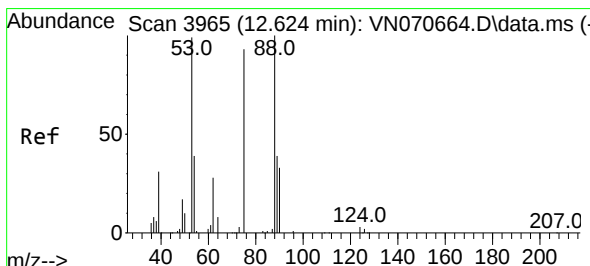
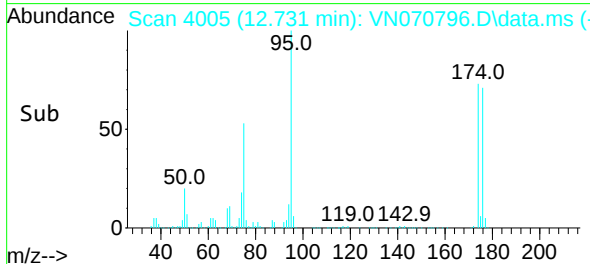
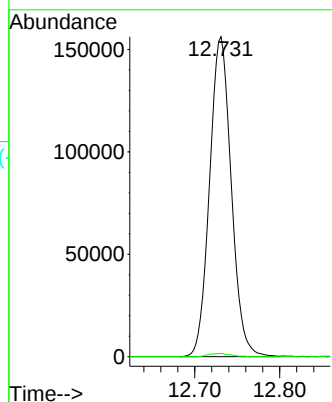
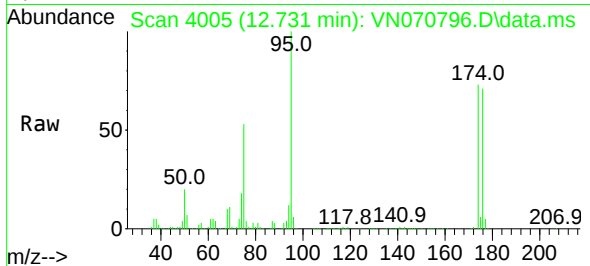




#76
1,2,3-Trichloropropane
Concen: 24.304 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

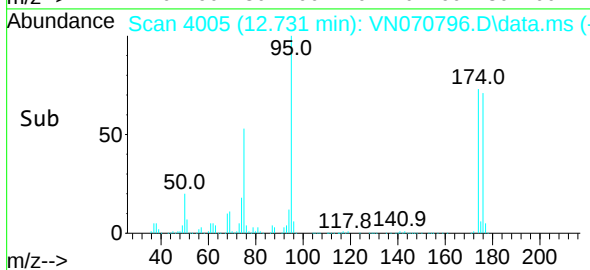
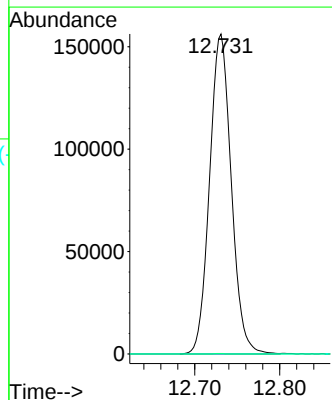
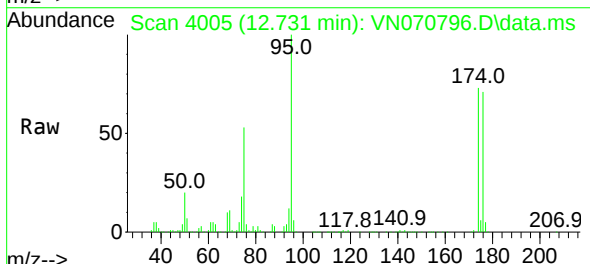
Instrument :
MSVOA_N
ClientSampleId :
2ND-3RD-FLOOR-WALLS-2

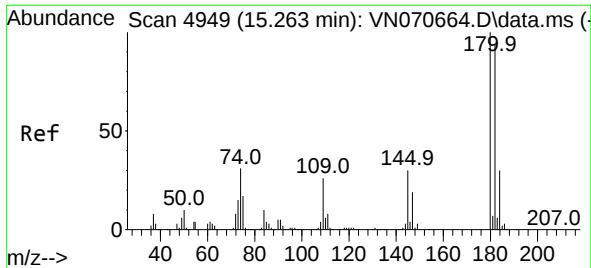
Tgt Ion: 75 Resp: 277139
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.404 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

Tgt Ion: 75 Resp: 277139
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

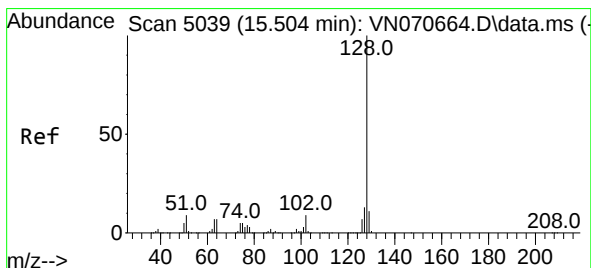
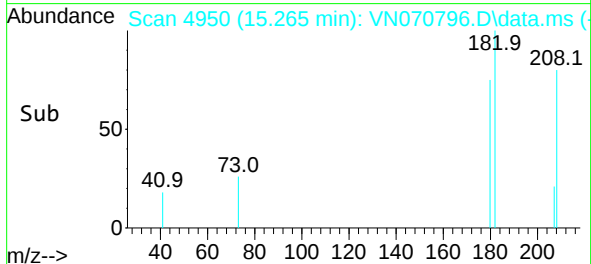
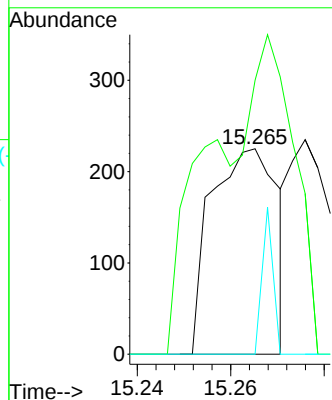
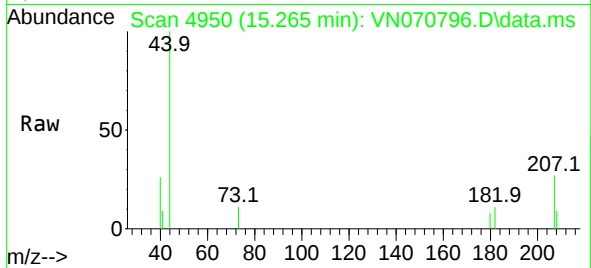




#93
1,2,4-Trichlorobenzene
Concen: 3.451 ug/l
RT: 15.265 min Scan# 4949
Delta R.T. 0.002 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

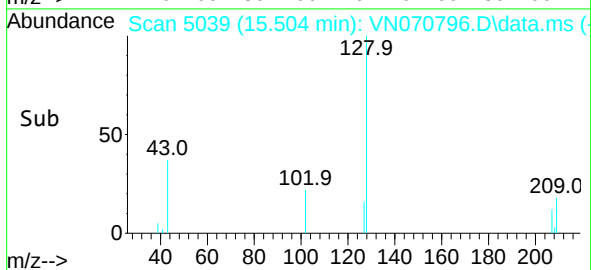
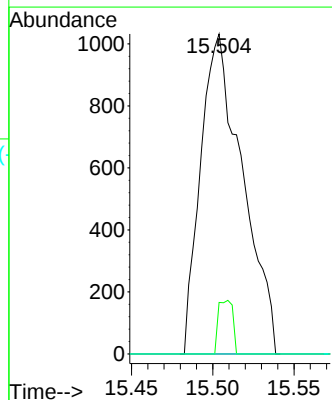
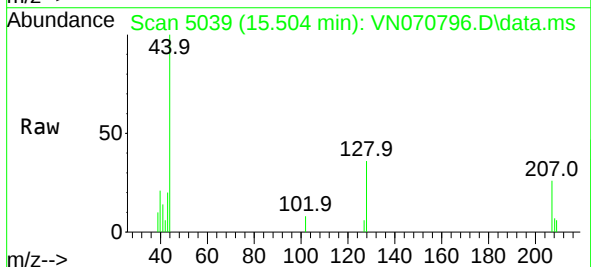
Instrument :
MSVOA_N
ClientSampleId :
2ND-3RD-FLOOR-WALLS-2

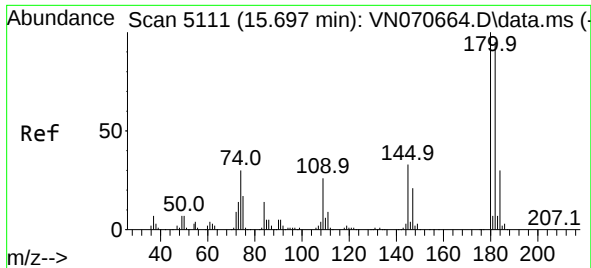
Tgt Ion:180 Resp: 221
Ion Ratio Lower Upper
180 100
182 190.5 48.3 144.9#
145 11.8 14.5 43.5#



#95
Naphthalene
Concen: 5.023 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070796.D
Acq: 26 Jan 2022 17:55

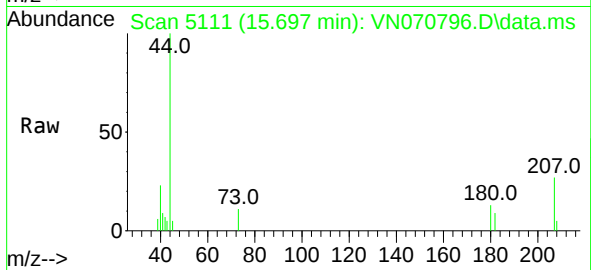
Tgt Ion:128 Resp: 1846
Ion Ratio Lower Upper
128 100
127 5.8 10.5 15.7#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.272 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN070796.D
 Acq: 26 Jan 2022 17:55

Instrument :
 MSVOA_N
 ClientSampleId :
 2ND-3RD-FLOOR-WALLS-2



Tgt Ion:180 Resp: 452
 Ion Ratio Lower Upper
 180 100
 182 75.2 47.4 142.2
 145 6.0 15.0 45.1#

