

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037189.D
 Acq On : 17 Jun 2021 3:35
 Operator : SY/AP
 Sample : M2721-06
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 IA-BEDROOM-4

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:38:40 PM

Quant Time: Jun 17 16:00:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 17 16:00:24 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1515917	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4393628	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3937513	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3086708	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	49056	0.186	ppbv	99
4) Chloromethane	3.14	50	61842	0.630	ppbv #	87
10) Heptane	8.12	43	79432	0.348	ppbv	99
11) Trichlorofluoromethane	3.95	101	50759	0.180	ppbv	86
13) Ethanol	3.61	45	3044796	208.839	ppbv	47
15) Acetone	3.84	43	3766122m	22.031	ppbv	
17) tert-Butyl alcohol	4.30	59	756347	4.787	ppbv	97
19) Isopropyl Alcohol	3.97	45	816641	7.887	ppbv #	1
20) Methylene Chloride	4.34	84	621767	6.075	ppbv	96
25) Ethyl Acetate	5.67	43	6285334	16.984	ppbv	98
26) Hexane	5.68	57	2453065m	13.115	ppbv	
27) Carbon Disulfide	4.55	76	52692	0.288	ppbv #	82
30) Cyclohexane	7.13	84	446821	2.867	ppbv	91
34) 2-Butanone	5.24	43	994589	5.821	ppbv	99
35) Carbon Tetrachloride	7.02	117	14496m	0.049	ppbv	
36) Benzene	6.89	78	61054	0.172	ppbv	97
37) 1,2-Dichloroethane	6.31	62	25514m	0.124	ppbv	
41) Tetrahydrofuran	6.06	42	92863	1.170	ppbv	94
44) 2,2,4-Trimethylpentane	7.87	57	120853	0.202	ppbv #	68
50) 4-Methyl-2-Pentanone	8.75	43	36007m	0.153	ppbv	
53) Toluene	9.81	91	1521514	3.585	ppbv	98
58) Ethyl Benzene	12.71	91	463662	0.855	ppbv	99
59) m/p-Xylene	12.97	91	1387717	3.021	ppbv	97
60) o-Xylene	13.69	91	604656	1.382	ppbv	100
61) Styrene	13.53	104	7332221	32.480	ppbv	96
62) Isopropylbenzene	14.67	105	146135	0.235	ppbv	100
64) n-propylbenzene	15.57	120	72118	0.463	ppbv	87
65) tert-Butylbenzene	16.77	119	134112	0.243	ppbv #	62
67) sec-Butylbenzene	17.30	105	102395	0.139	ppbv	98
69) p-Isopropyltoluene	17.65	119	139862m	0.225	ppbv	
70) n-Butylbenzene	18.56	91	165265	0.287	ppbv #	51
72) 4-Ethyltoluene	15.84	105	312321	0.629	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.00	105	392546	0.817	ppbv	94
74) 1,2,4-Trimethylbenzene	16.76	105	1161275	2.346	ppbv #	73
76) 1,4-Dichlorobenzene	17.14	146	61055m	0.203	ppbv	
79) Naphthalene	22.21	128	47212m	0.114	ppbv	

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

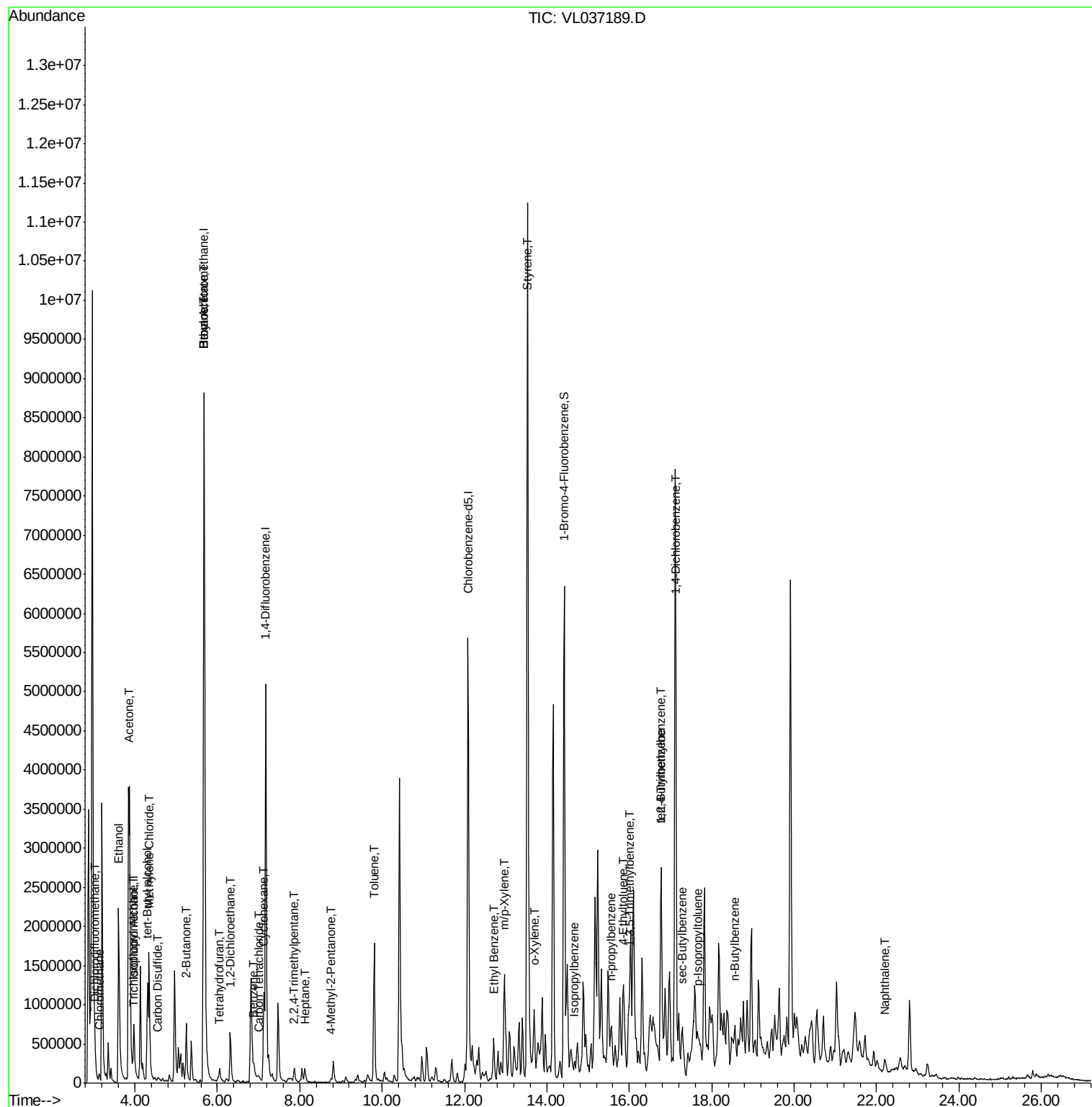
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
Data File : VL037189.D
Acq On : 17 Jun 2021 3:35
Operator : SY/AP
Sample : M2721-06
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

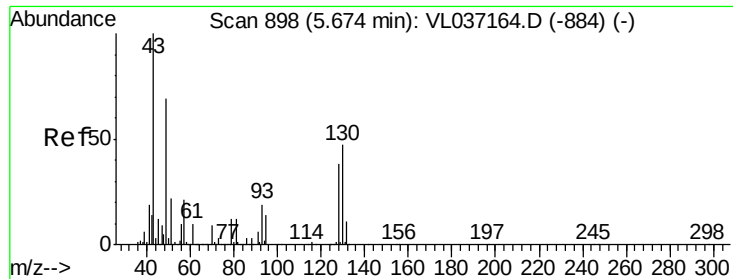
Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-4

Manual Integrations
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Quant Time: Jun 17 16:00:24 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-4

Tot Ion: 49 Resp: 1515917

Ion Ratio Lower Upper

49 100

128 52.6 29.3 88.0

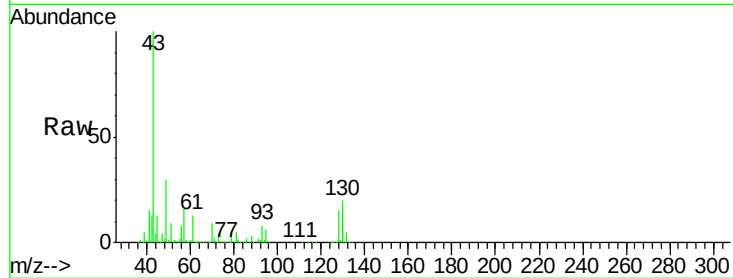
130 68.1 35.9 107.8

Manual Integrations

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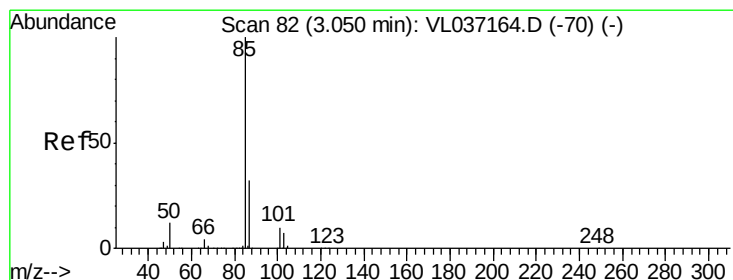
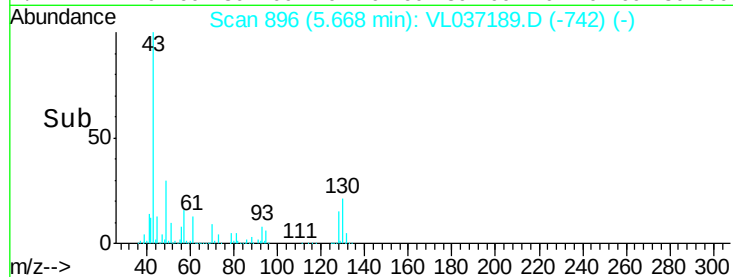
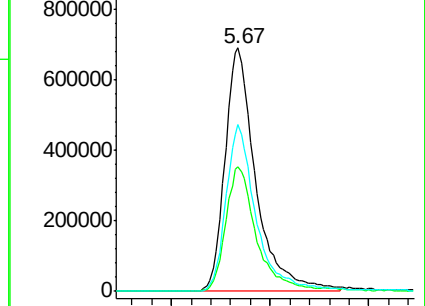
6/17/2021 5:38:40 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.186 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL037189.D

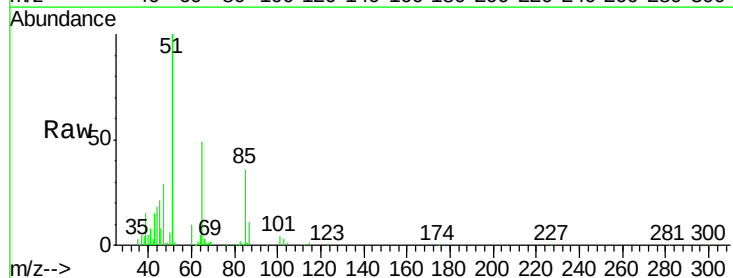
Acq: 17 Jun 2021 3:35

Tgt Ion: 85 Resp: 49056

Ion Ratio Lower Upper

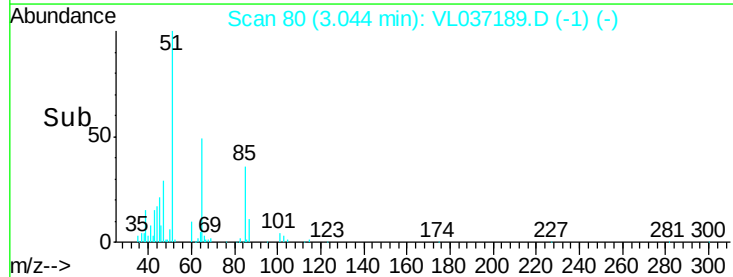
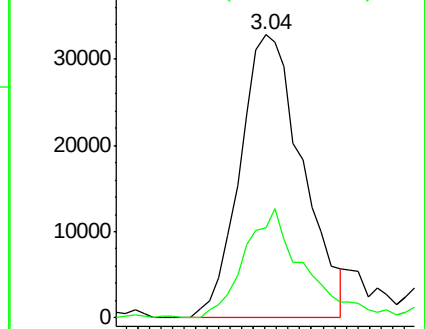
85 100

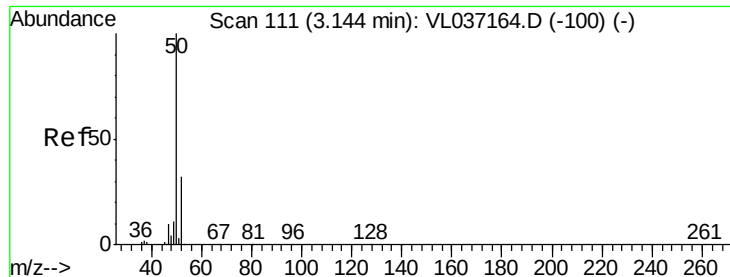
87 31.8 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.630 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-4

Tot Ion: 50 Resp: 61842

Ion Ratio Lower Upper

50 100

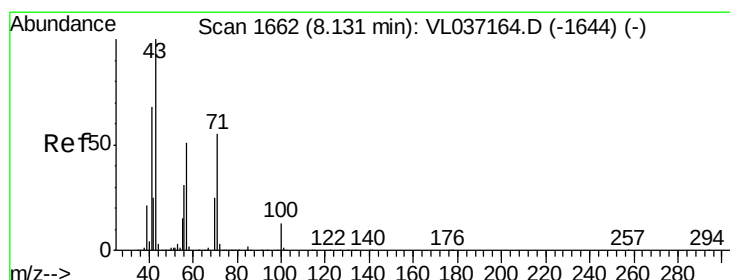
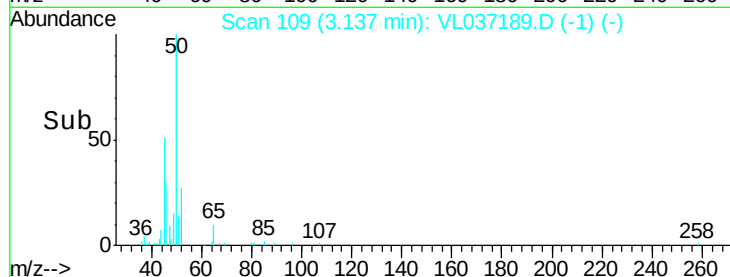
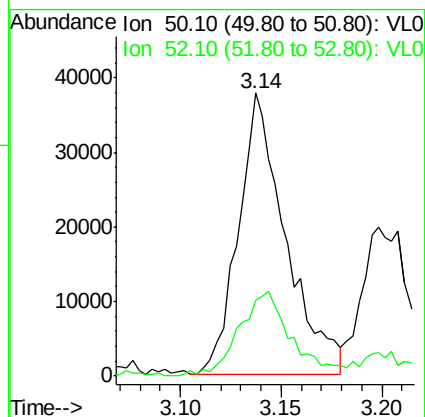
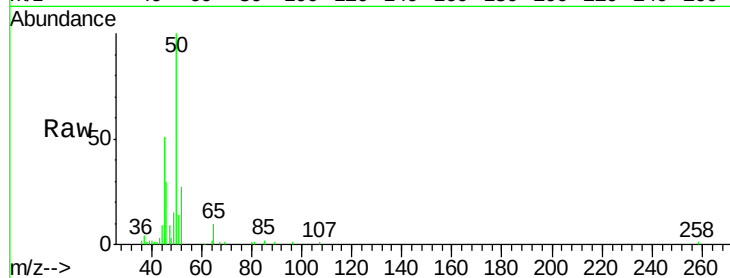
52 25.3 25.8 38.8#

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#10

Heptane

Concen: 0.348 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL037189.D

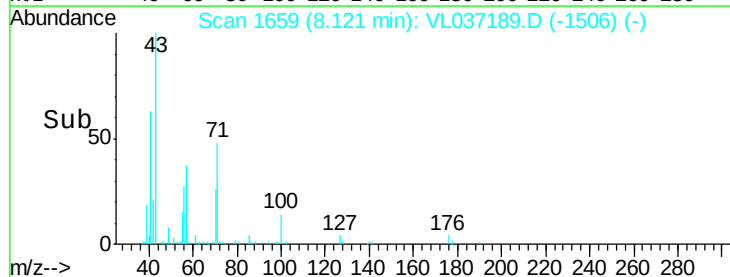
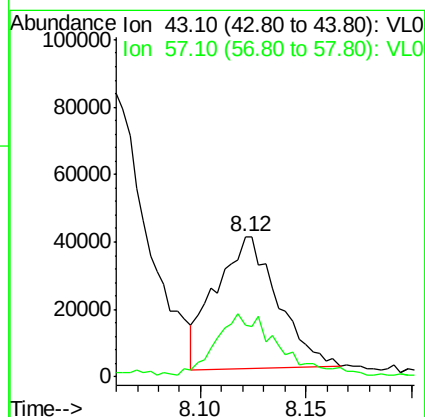
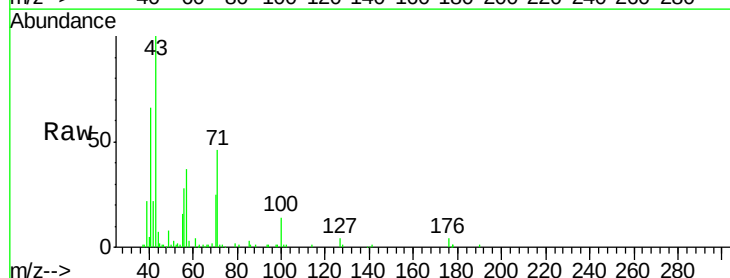
Acq: 17 Jun 2021 3:35

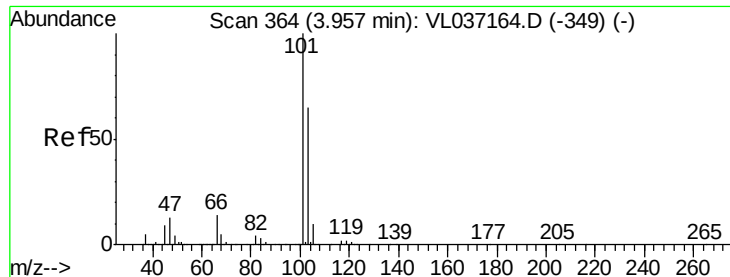
Tgt Ion: 43 Resp: 79432

Ion Ratio Lower Upper

43 100

57 51.5 40.6 61.0





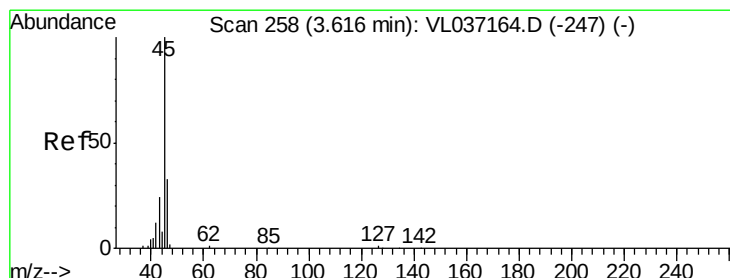
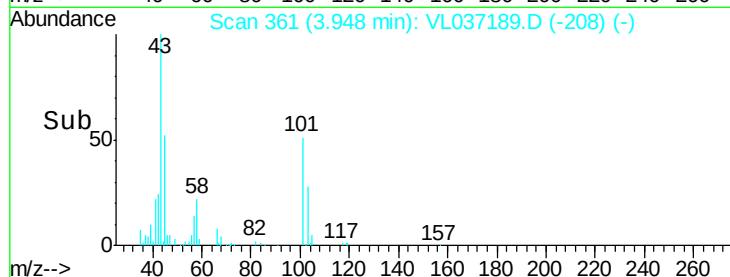
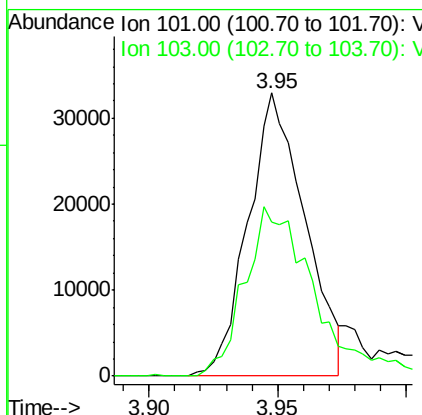
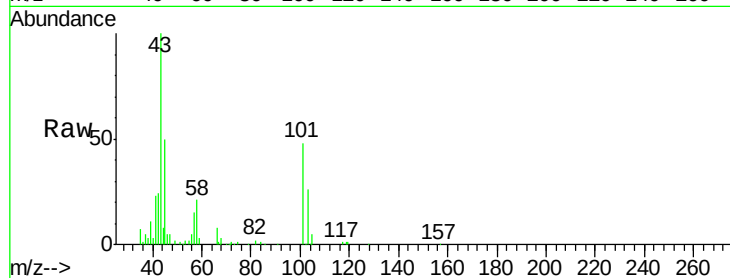
#11
 Trichlorofluoromethane
 Concen: 0.180 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. -0.01 min
 Lab File: VL037189.D
 Acq: 17 Jun 2021 3:35

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		50759		
103	54.5		52.2		78.4

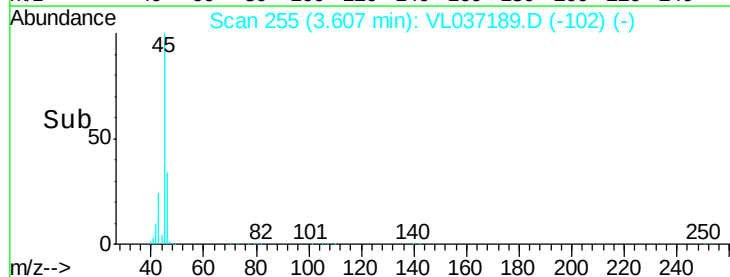
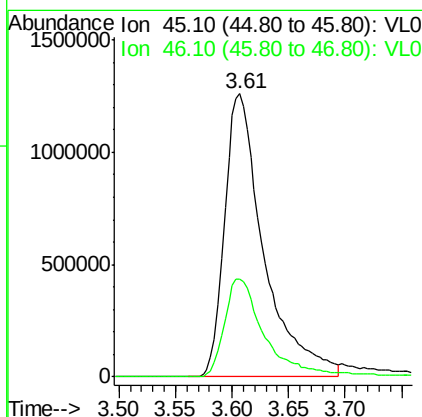
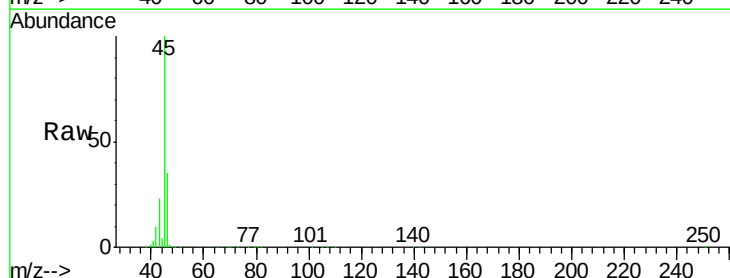
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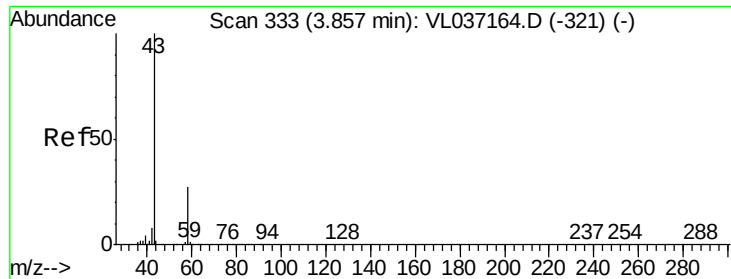
MMDadoda
 6/17/2021 5:38:40 PM



#13
 Ethanol
 Concen: 208.839 ppbv
 RT: 3.61 min Scan# 255
 Delta R.T. -0.01 min
 Lab File: VL037189.D
 Acq: 17 Jun 2021 3:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		3044796		
46	36.9		34.2		137.0





#15

Acetone

Concen: 22.031 ppbv m

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-4

Tot Ion: 43 Resp: 3766122

Ion Ratio Lower Upper

43 100

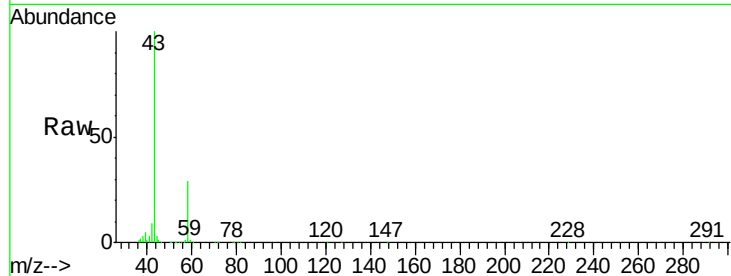
58 40.6 23.7 35.5#

Manual Integrations

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

2500000

2000000

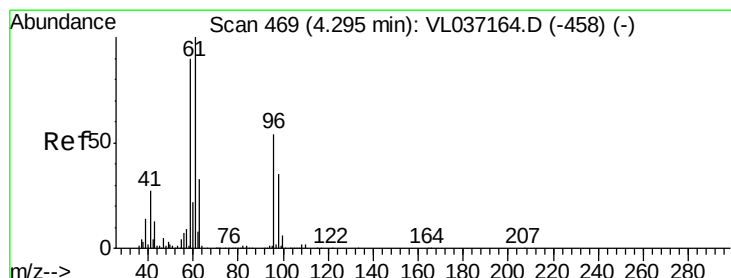
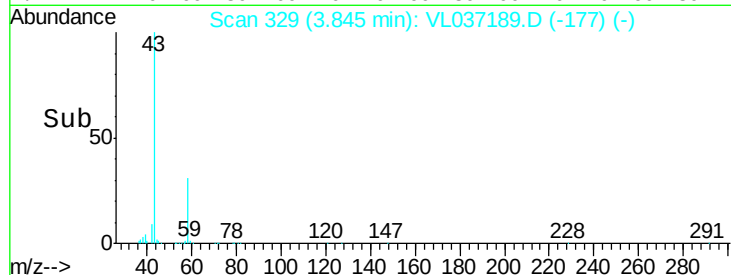
1500000

1000000

500000

0

Time-->



#17

tert-Butyl alcohol

Concen: 4.787 ppbv

RT: 4.30 min Scan# 471

Delta R.T. 0.01 min

Lab File: VL037189.D

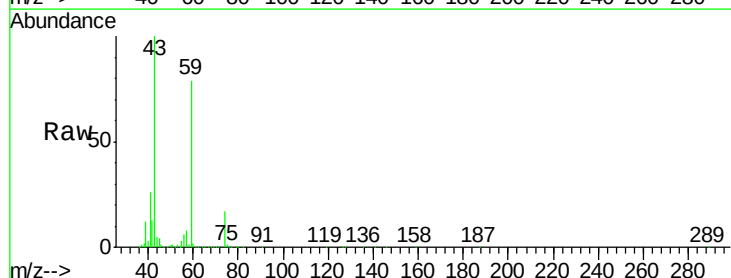
Acq: 17 Jun 2021 3:35

Tgt Ion: 59 Resp: 756347

Ion Ratio Lower Upper

59 100

57 9.9 8.8 13.2



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.30

400000

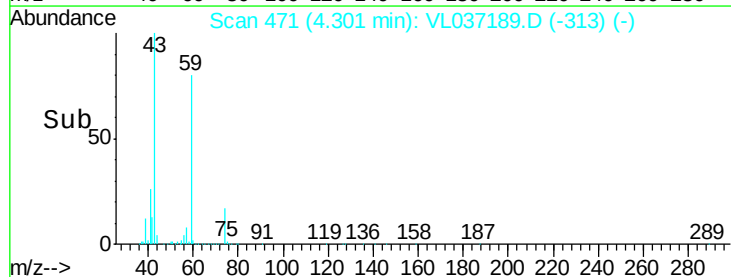
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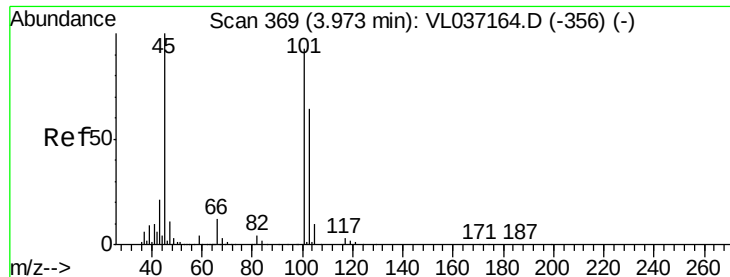
200000

100000

0

Time-->





#19

Isopropyl Alcohol

Concen: 7.887 ppbv

RT: 3.97 min Scan# 368

Delta R.T. -0.00 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Tot Ion: 45 Resp: 816641

Ion Ratio Lower Upper

45 100

58 187.3 2.4 3.6#

Instrument :

MSVOA_L

ClientSampleId :

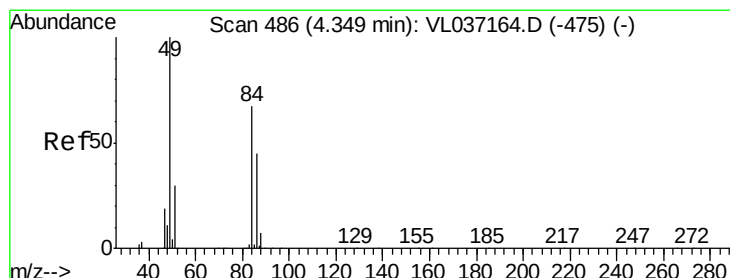
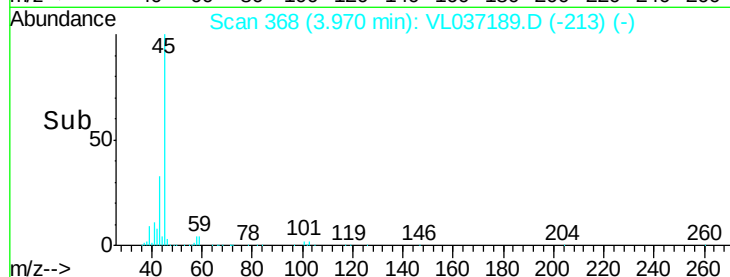
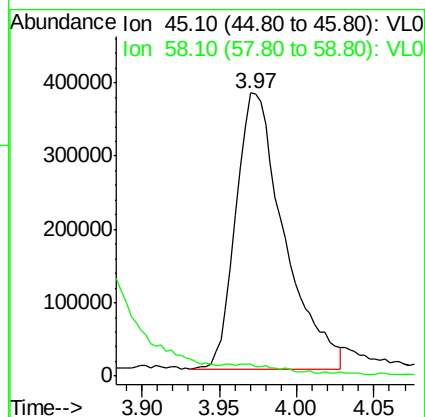
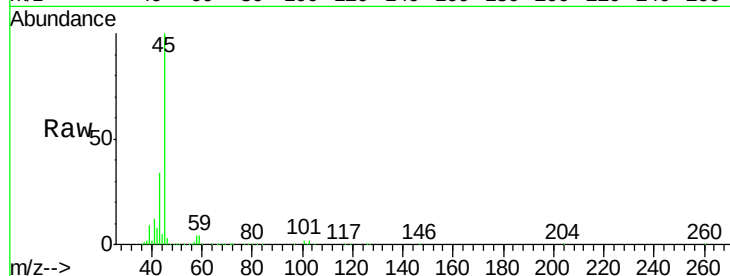
IA-BEDROOM-4

Manual Integrations

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#20

Methylene Chloride

Concen: 6.075 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Tgt Ion: 84 Resp: 621767

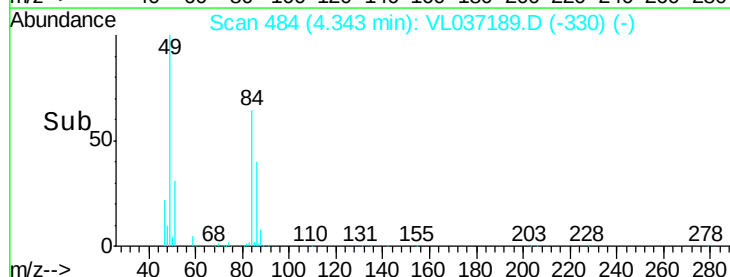
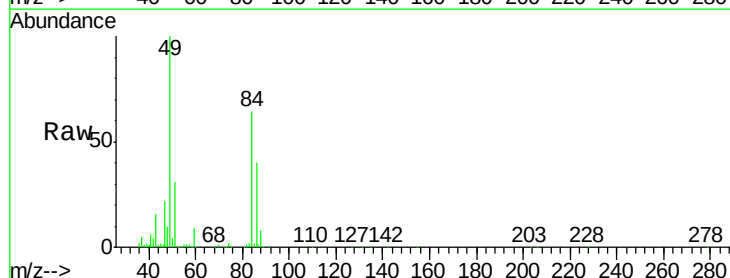
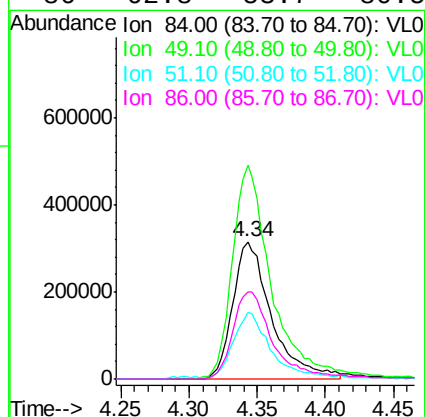
Ion Ratio Lower Upper

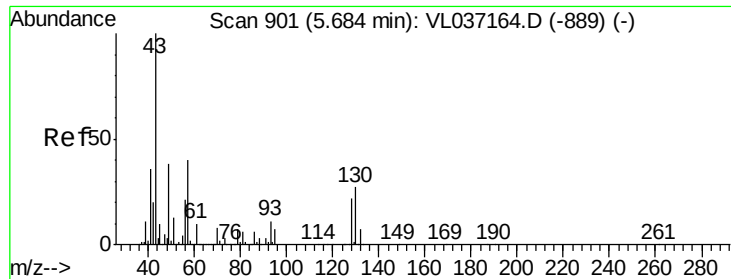
84 100

49 154.9 119.7 179.5

51 46.9 36.1 54.1

86 62.8 53.7 80.5





#25

Ethyl Acetate

Concen: 16.984 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-4

Tot Ion: 43 Resp: 6285334

Ion Ratio Lower Upper

43 100

45 11.0 8.0 12.0

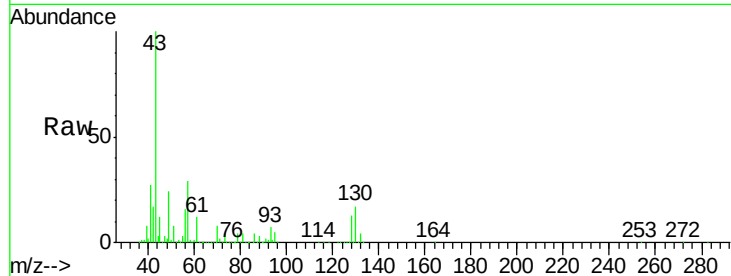
61 10.4 8.1 12.1

70 8.1 5.5 8.3

Manual Integrations
APPROVED

MMDadoda

6/17/2021 5:38:40 PM

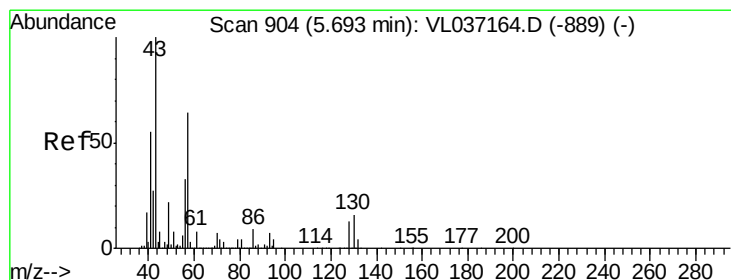
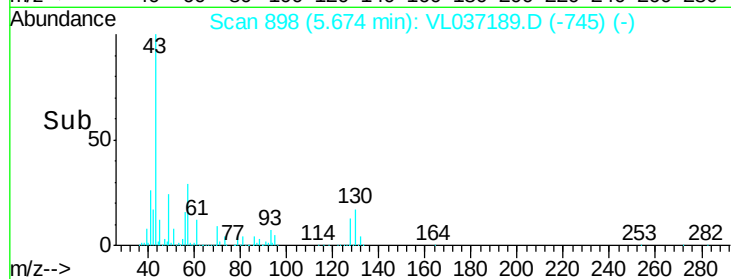
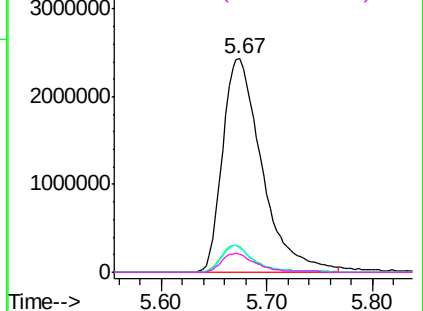


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 13.115 ppbv m

RT: 5.68 min Scan# 901

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Tgt Ion: 57 Resp: 2453065

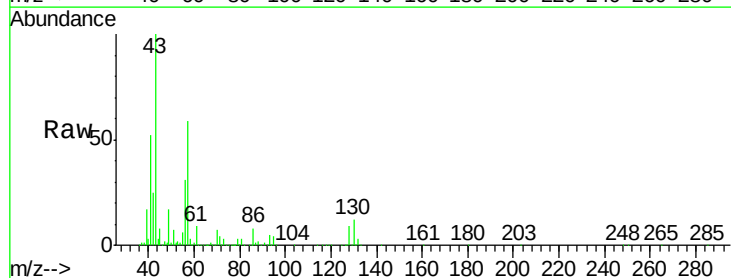
Ion Ratio Lower Upper

57 100

41 0.0 73.5 110.3#

43 0.0 170.7 256.1#

56 0.0 42.4 63.6#

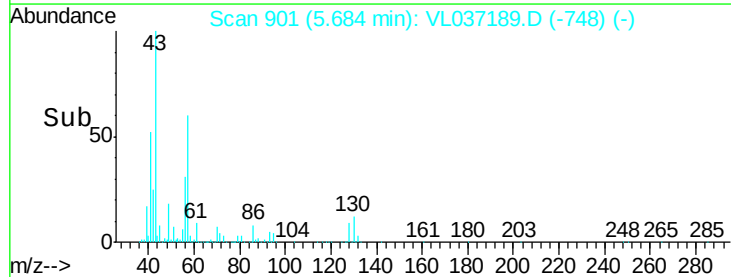
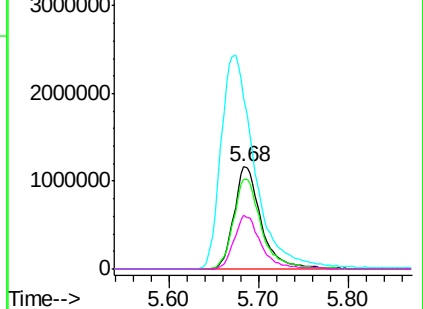


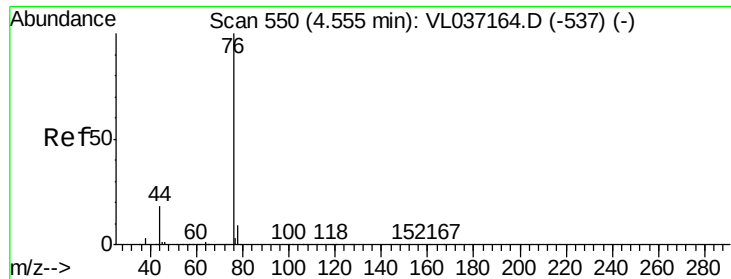
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 0.288 ppbv

RT: 4.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Instrument :

MSVOA_L

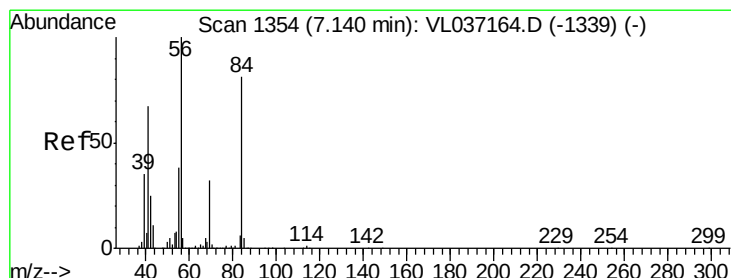
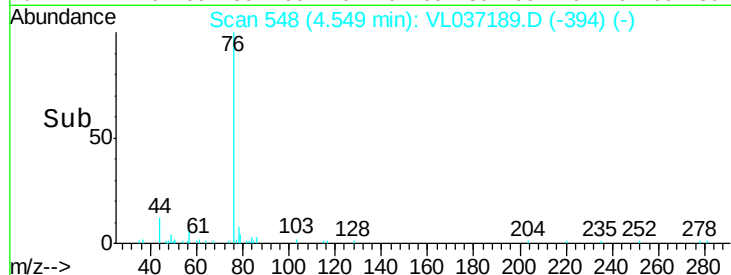
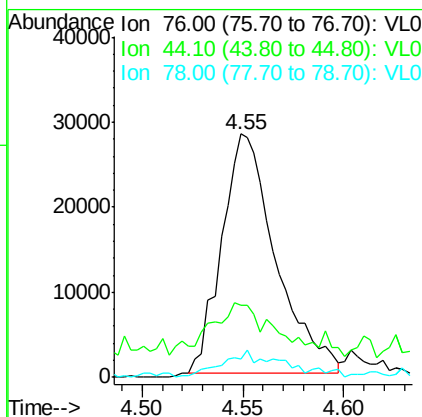
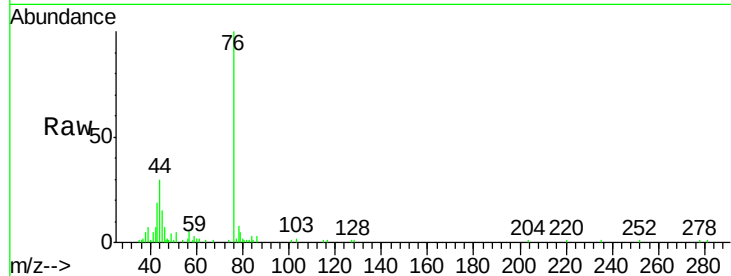
ClientSampleId :

IA-BEDROOM-4

Tot Ion:	76	Resp:	52692
Ion Ratio	Lower	Upper	
76	100		
44	29.6	15.4	23.2#
78	13.4	8.0	12.0#

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#30

Cyclohexane

Concen: 2.867 ppbv

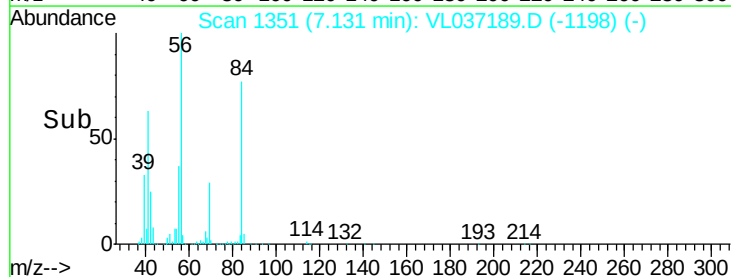
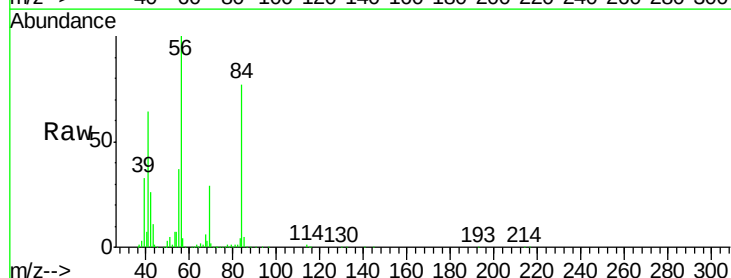
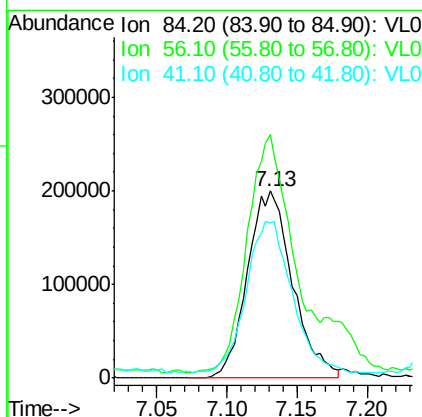
RT: 7.13 min Scan# 1351

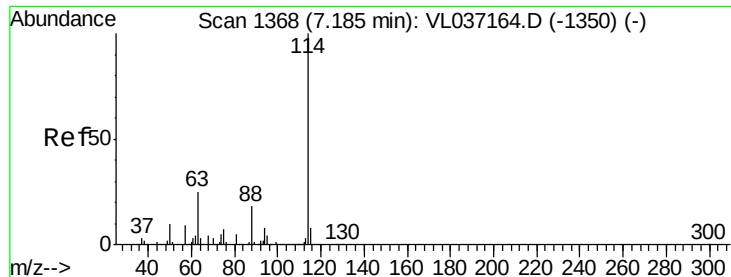
Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Tgt Ion:	84	Resp:	446821
Ion Ratio	Lower	Upper	
84	100		
56	149.1	107.7	161.5
41	89.9	69.0	103.6





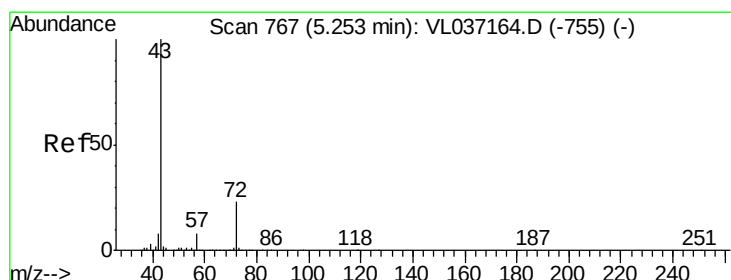
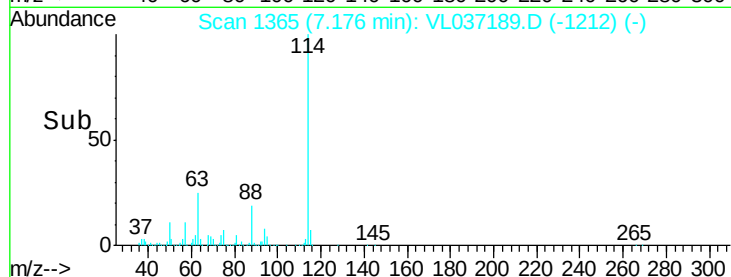
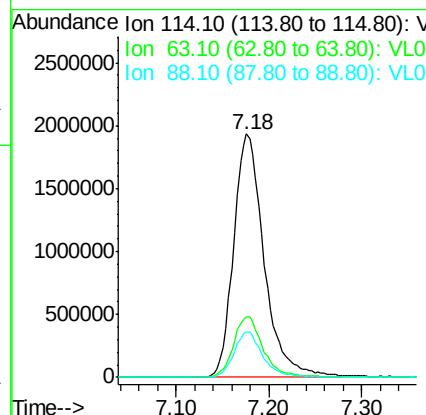
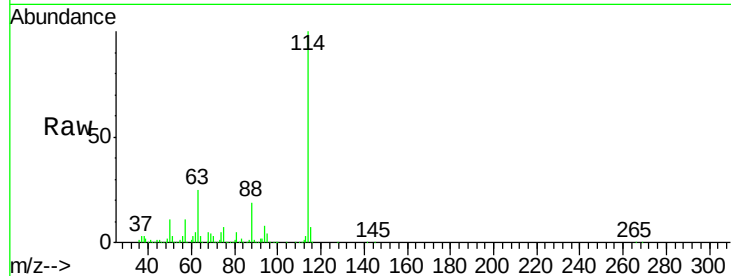
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: VL037189.D
 Acq: 17 Jun 2021 3:35

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-4

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.6	29.4
88	18.1	14.2	21.2

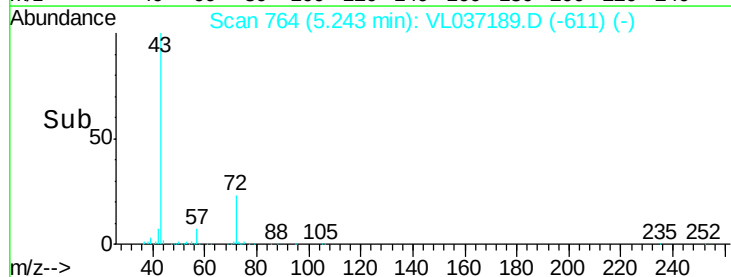
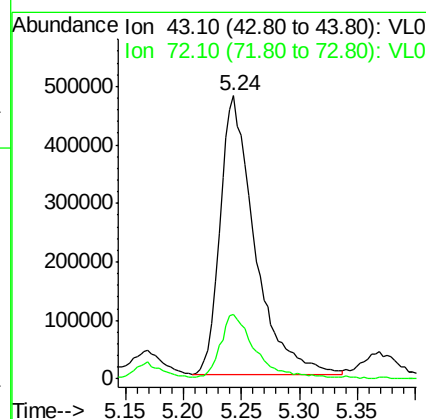
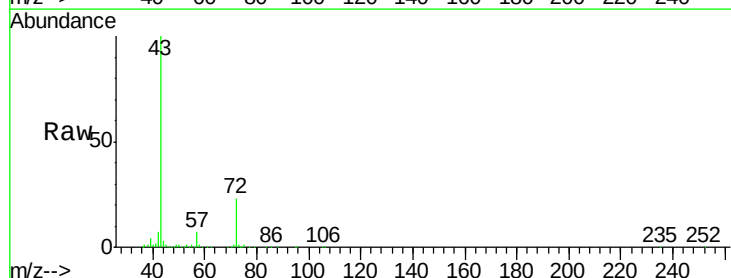
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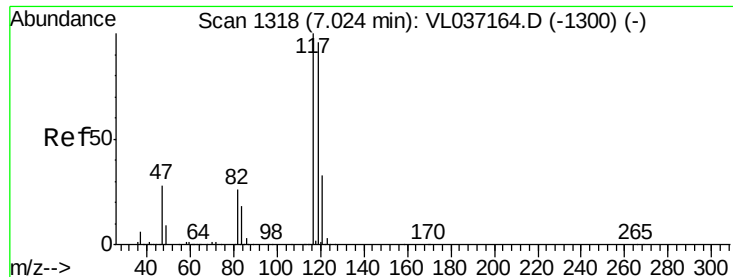
MMDadoda
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#34
 2-Butanone
 Concen: 5.821 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: VL037189.D
 Acq: 17 Jun 2021 3:35

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.0	18.9	28.3





#35

Carbon Tetrachloride

Concen: 0.049 ppbv m

RT: 7.02 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Instrument :

MSVOA_L

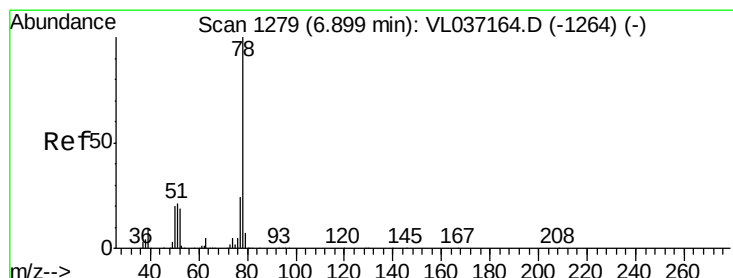
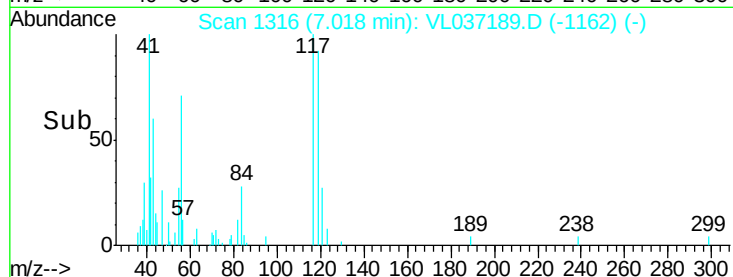
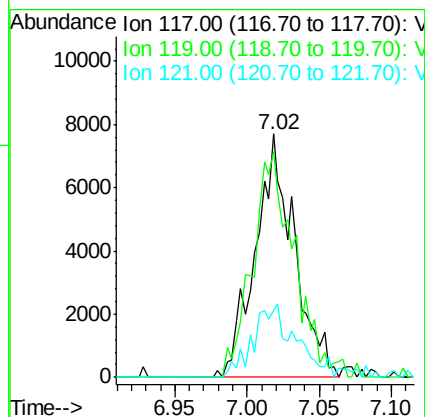
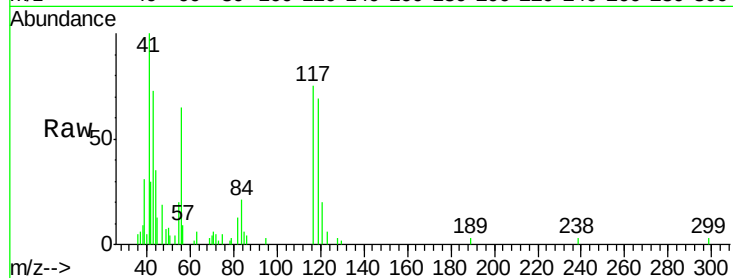
ClientSampleId :

IA-BEDROOM-4

Tot Ion:	117	Resp:	14496
Ion Ratio	Lower	Upper	
117	100		
119	92.5	76.6	114.8
121	27.3	26.4	39.6

Manual Integrations
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#36

Benzene

Concen: 0.172 ppbv

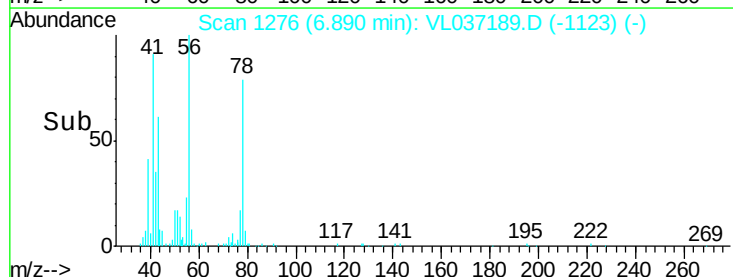
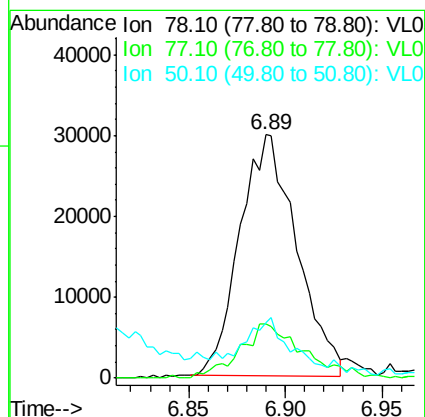
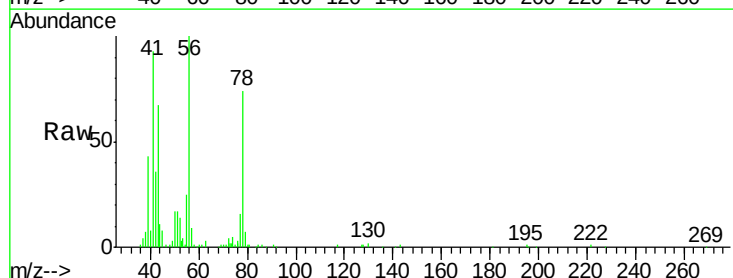
RT: 6.89 min Scan# 1276

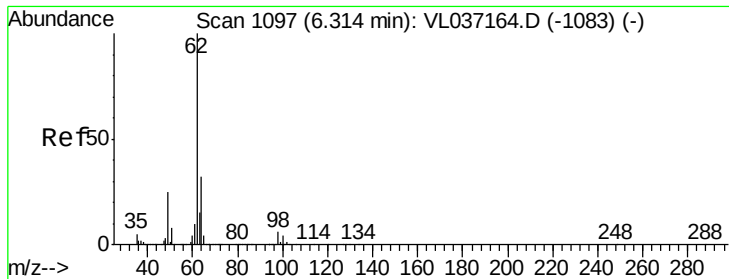
Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Tgt Ion:	78	Resp:	61054
Ion Ratio	Lower	Upper	
78	100		
77	22.4	19.0	28.6
50	18.0	15.7	23.5





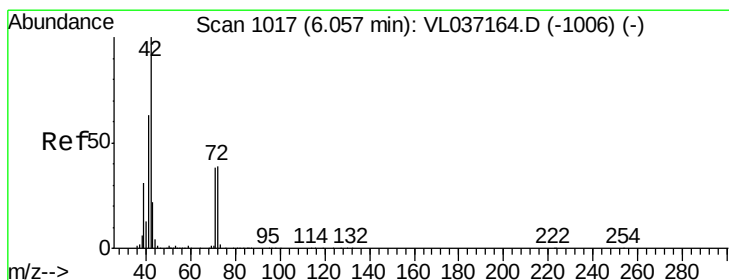
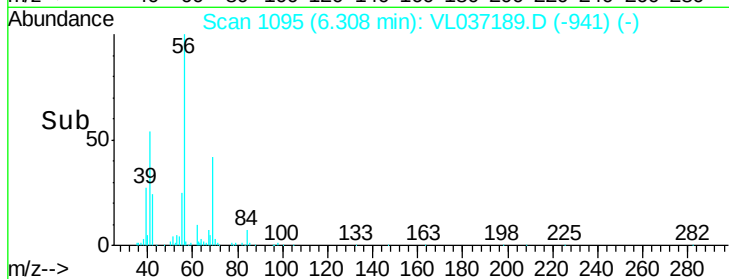
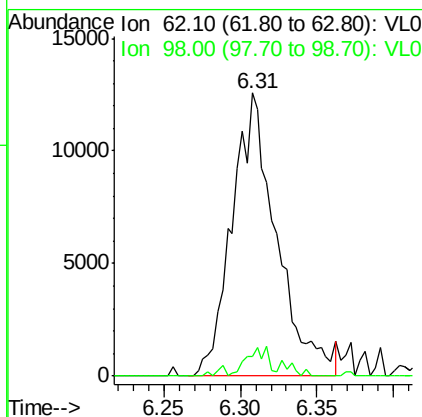
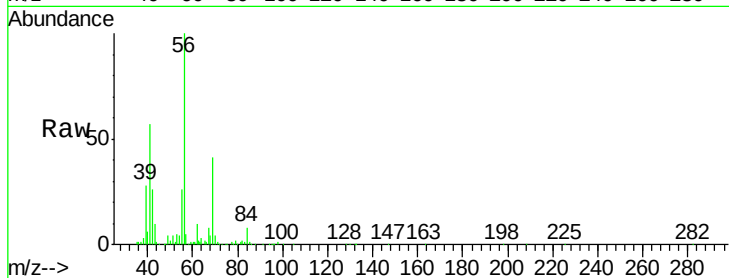
#37
 1,2-Dichloroethane
 Concen: 0.124 ppbv m
 RT: 6.31 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: VL037189.D
 Acq: 17 Jun 2021 3:35

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-4

Tot Ion	Ratio	Resp	Lower	Upper
62	100	25514		
98	7.3	5.0	7.6	

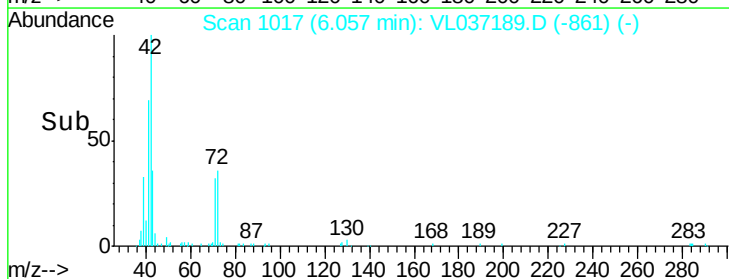
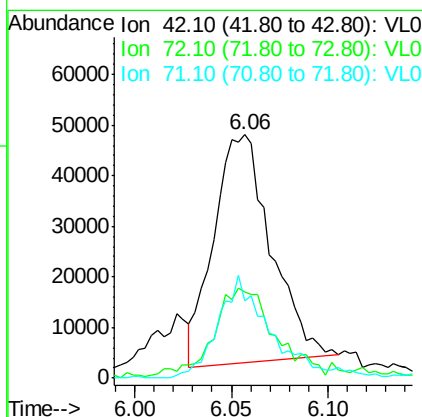
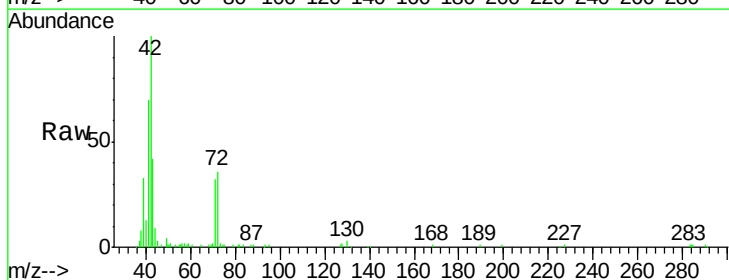
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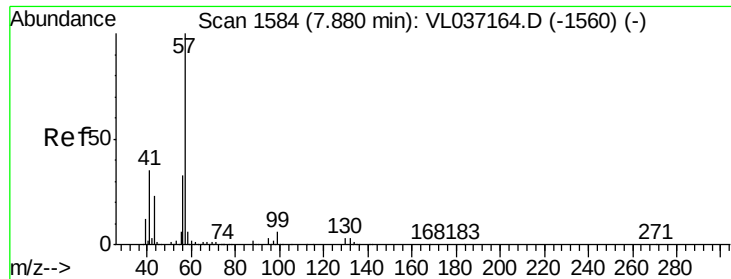
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#41
 Tetrahydrofuran
 Concen: 1.170 ppbv
 RT: 6.06 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VL037189.D
 Acq: 17 Jun 2021 3:35

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	92863		
72	45.0	33.0	49.4	
71	42.3	31.0	46.6	





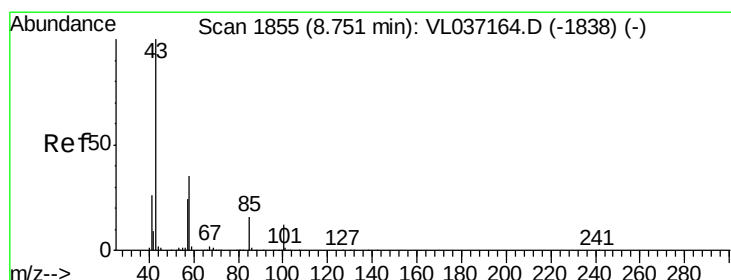
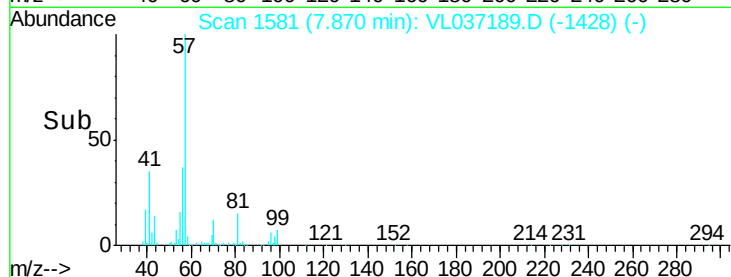
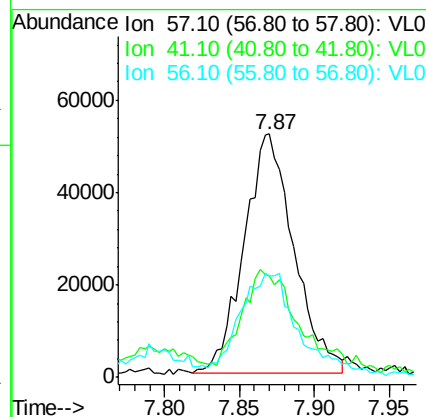
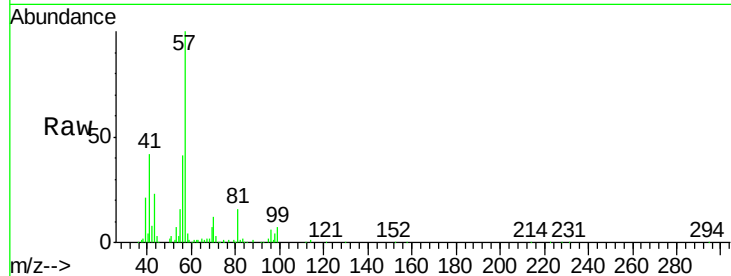
#44
2,2,4-Trimethylpentane
Concen: 0.202 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VL037189.D
Acq: 17 Jun 2021 3:35

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-4

Tot Ion	Ratio	Lower	Upper
57	100		
41	51.1	27.6	41.4#
56	50.8	25.3	37.9#

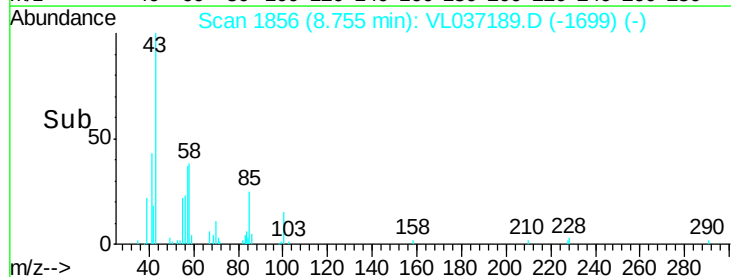
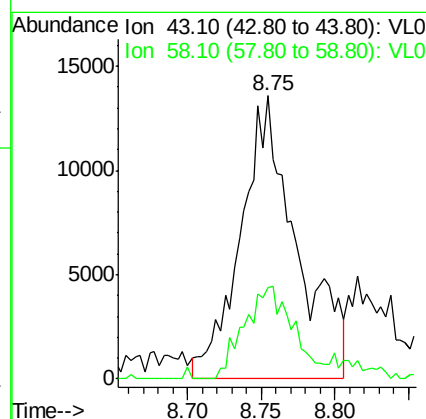
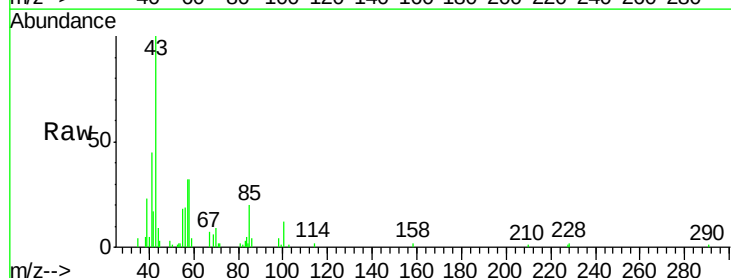
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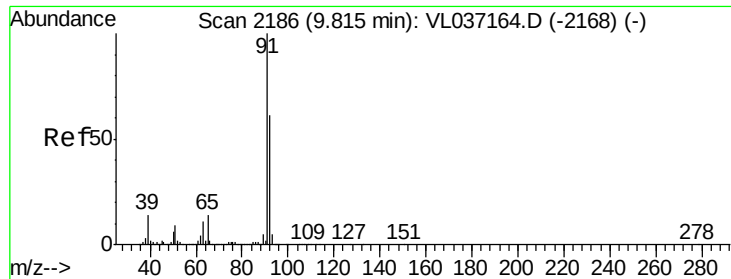
MMDadoda
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#50
4-Methyl-2-Pentanone
Concen: 0.153 ppbv m
RT: 8.75 min Scan# 1856
Delta R.T. 0.00 min
Lab File: VL037189.D
Acq: 17 Jun 2021 3:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.1	28.4	42.6





#53

Toluene

Concen: 3.585 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-4

Tot Ion: 91 Resp: 1521514

Ion Ratio Lower Upper

91 100

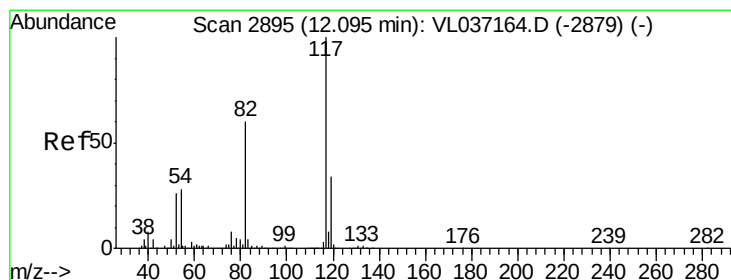
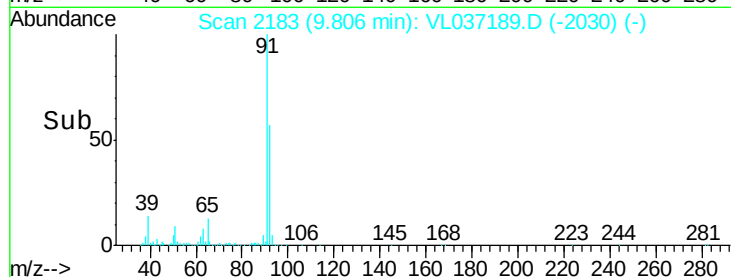
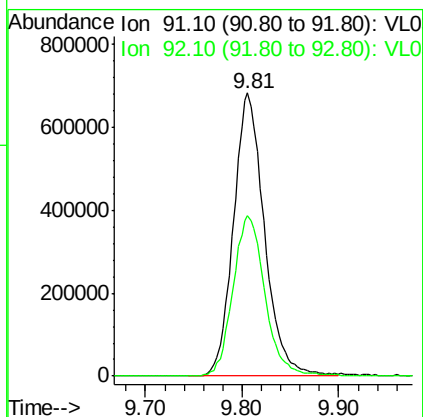
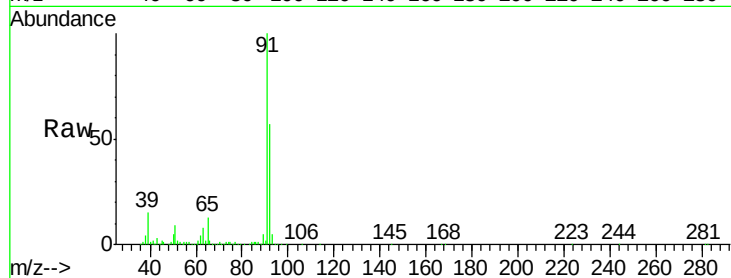
92 58.6 48.3 72.5

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

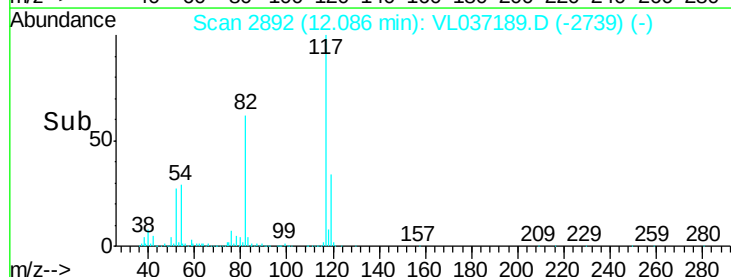
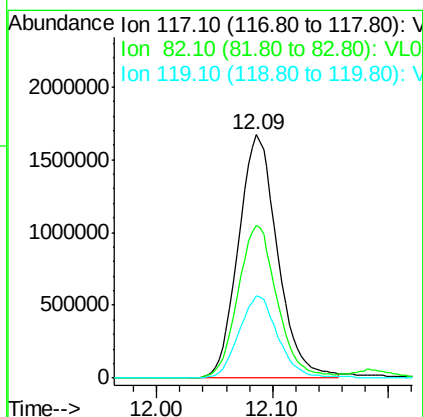
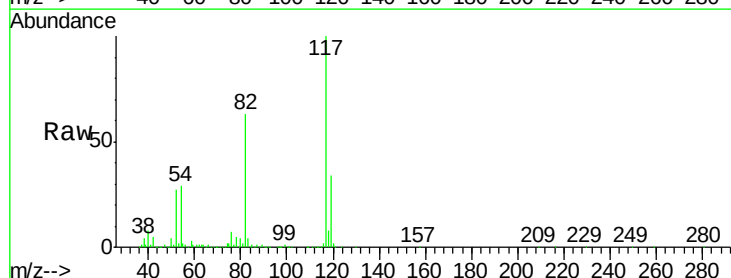
Tgt Ion: 117 Resp: 3937513

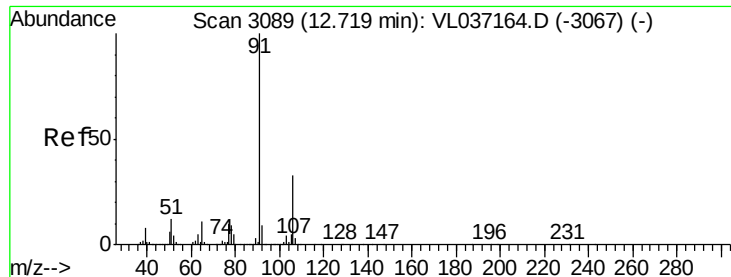
Ion Ratio Lower Upper

117 100

82 62.8 51.7 77.5

119 34.3 47.6 71.4#





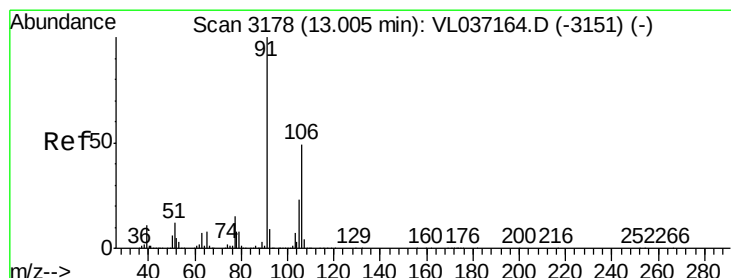
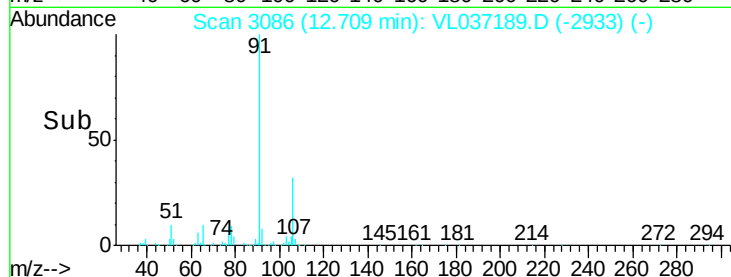
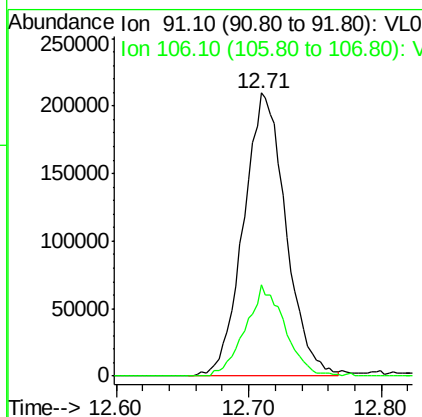
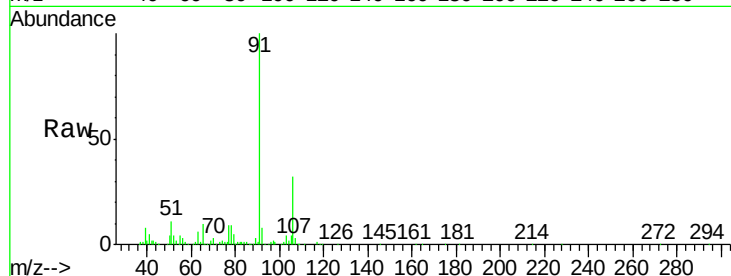
#58
Ethyl Benzene
Concen: 0.855 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.01 min
Lab File: VL037189.D
Acq: 17 Jun 2021 3:35

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-4

Tot Ion: 91 Resp: 463662
Ion Ratio Lower Upper
91 100
106 32.1 26.3 39.5

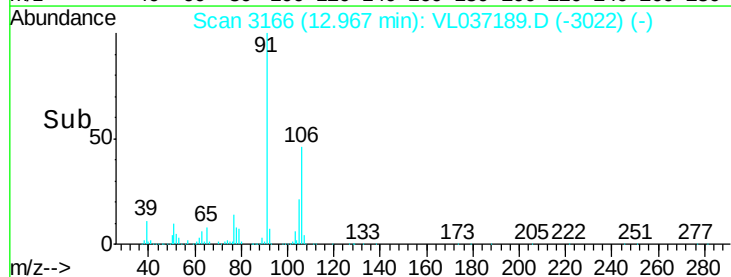
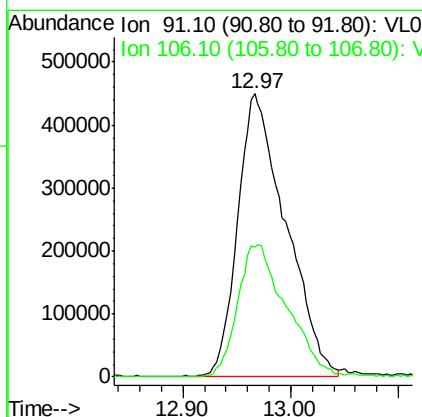
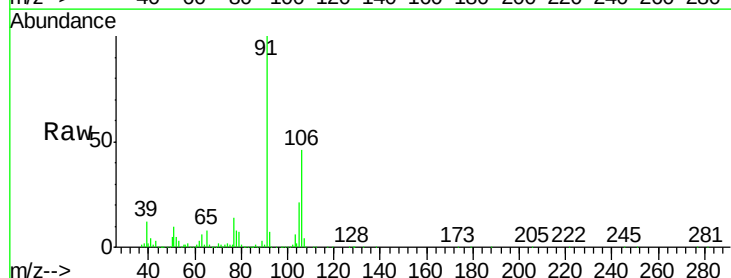
Manual Integrations
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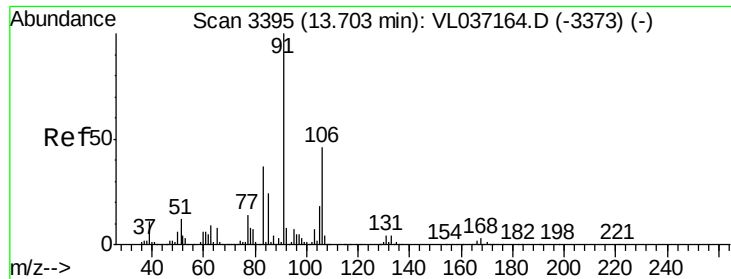
MMDadoda
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#59
m/p-Xylene
Concen: 3.021 ppbv
RT: 12.97 min Scan# 3166
Delta R.T. -0.04 min
Lab File: VL037189.D
Acq: 17 Jun 2021 3:35

Tgt Ion: 91 Resp: 1387717
Ion Ratio Lower Upper
91 100
106 48.5 37.0 55.4





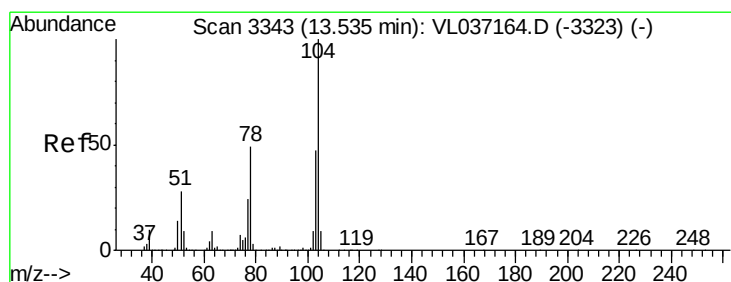
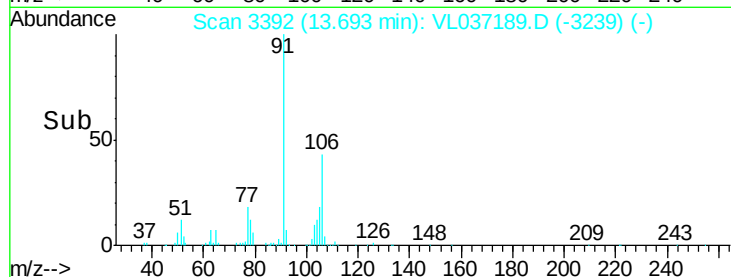
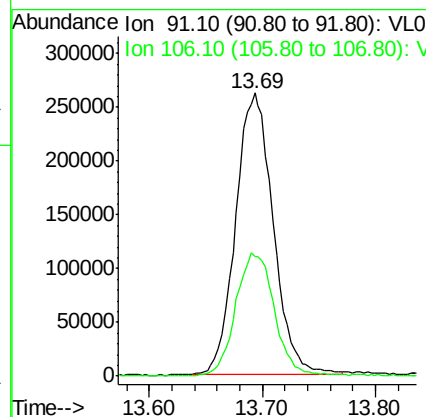
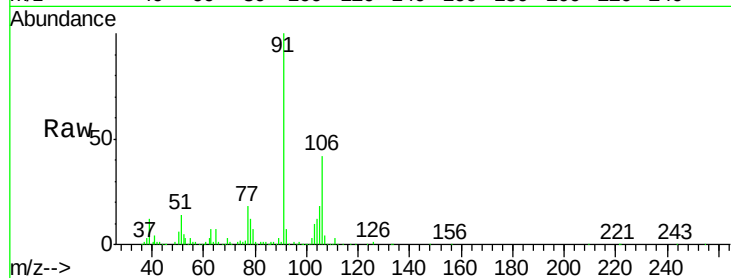
#60
o-Xylene
Concen: 1.382 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL037189.D
Acq: 17 Jun 2021 3:35

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-4

Tot Ion: 91 Resp: 604656
Ion Ratio Lower Upper
91 100
106 45.7 23.0 69.0

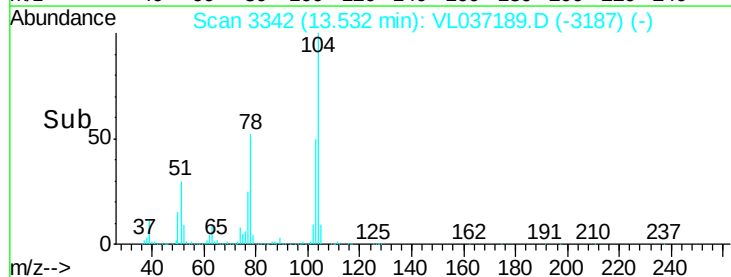
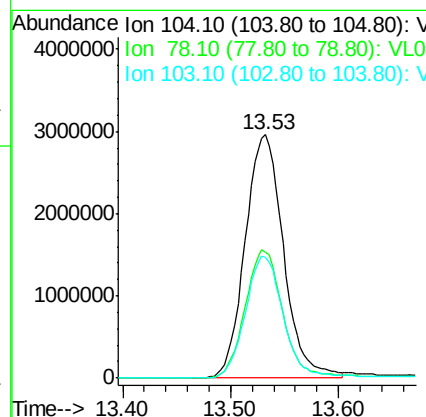
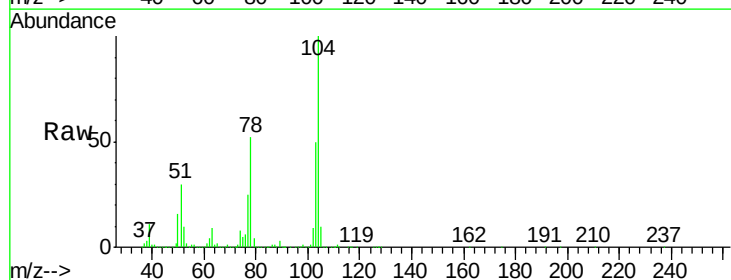
Manual Integrations
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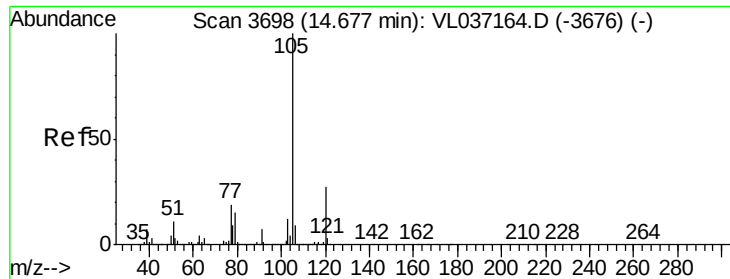
MMDadoda
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#61
Styrene
Concen: 32.480 ppbv
RT: 13.53 min Scan# 3342
Delta R.T. -0.00 min
Lab File: VL037189.D
Acq: 17 Jun 2021 3:35

Tgt Ion: 104 Resp: 7332221
Ion Ratio Lower Upper
104 100
78 52.6 39.7 59.5
103 50.0 37.6 56.4





#62

Isopropylbenzene

Concen: 0.235 ppbv

RT: 14.67 min Scan# 3696

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-4

Tot Ion:105 Resp: 146135

Ion Ratio Lower Upper

105 100

120 27.1

21.6

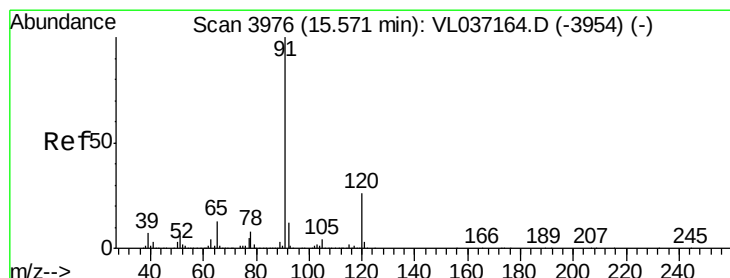
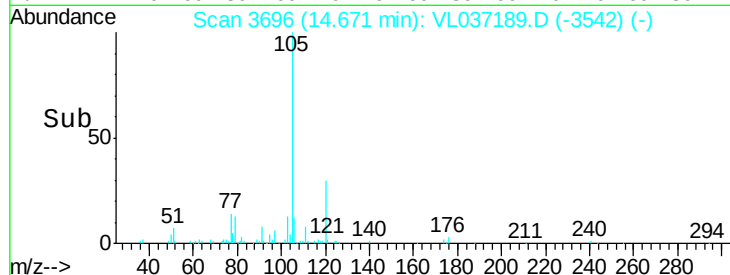
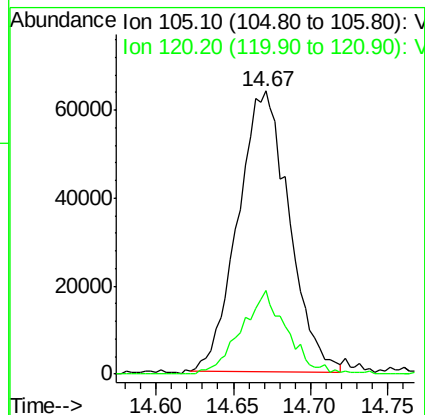
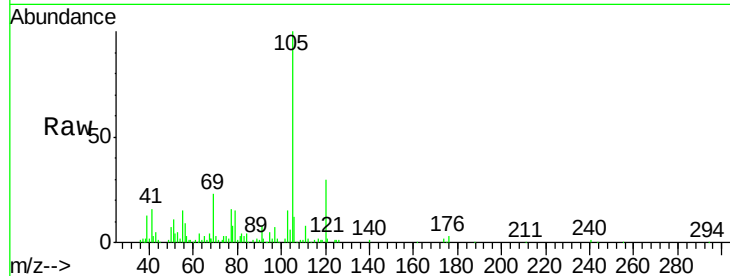
32.4

Manual Integrations

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#64

n-propylbenzene

Concen: 0.463 ppbv

RT: 15.57 min Scan# 3975

Delta R.T. -0.00 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Tgt Ion:120 Resp: 72118

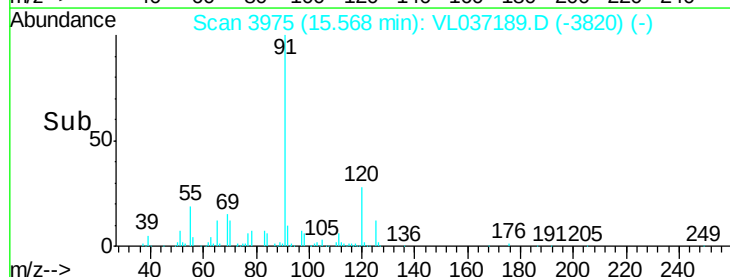
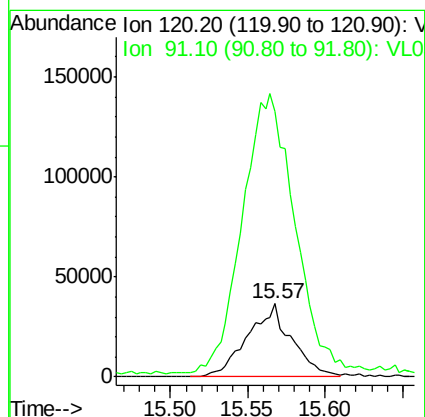
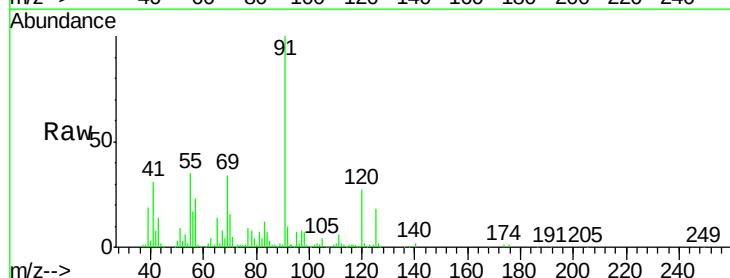
Ion Ratio Lower Upper

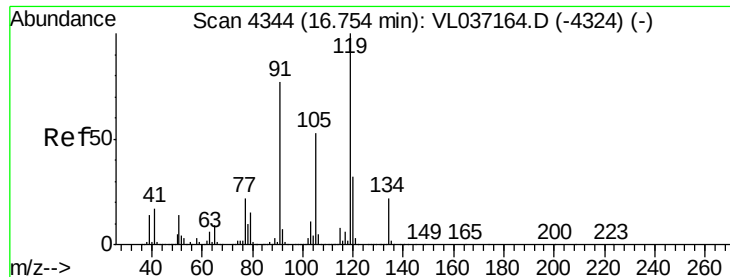
120 100

91 460.2

343.3

514.9





#65

tert-Butylbenzene

Concen: 0.243 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. 0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Instrument :

MSVOA_L

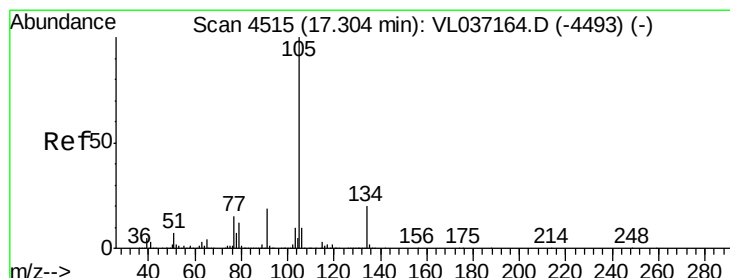
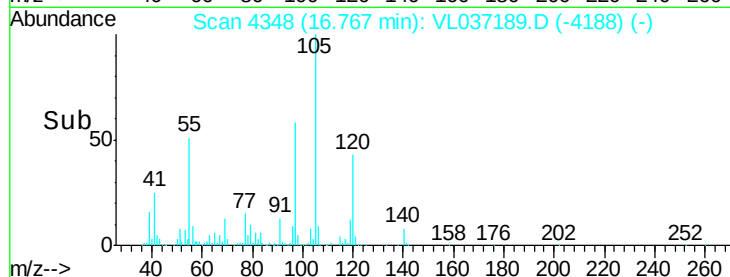
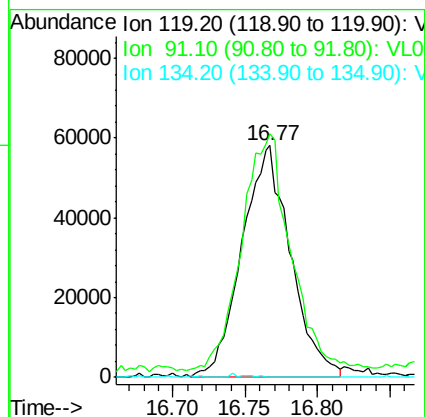
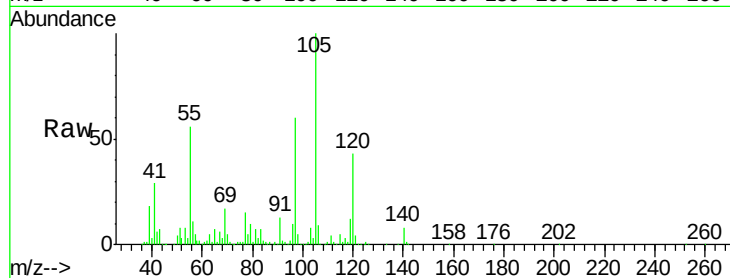
ClientSampleId :

IA-BEDROOM-4

Tot Ion	Ratio	Resp	Lower	Upper
119	100	134112		
91	110.2	62.6	93.8#	
134	0.5	16.2	24.4#	

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#67

sec-Butylbenzene

Concen: 0.139 ppbv

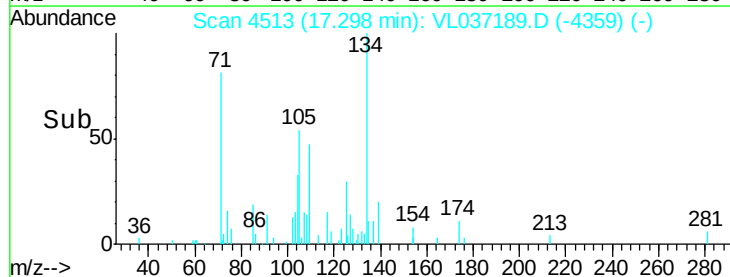
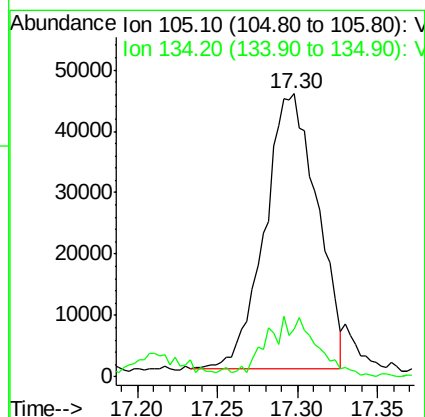
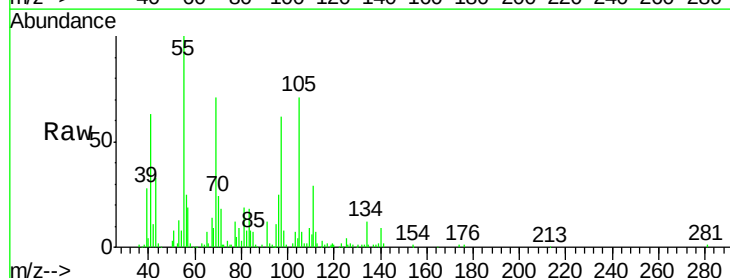
RT: 17.30 min Scan# 4513

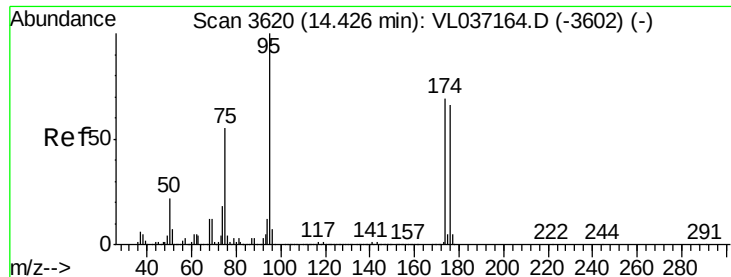
Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	102395		
134	20.5	15.8	23.6	





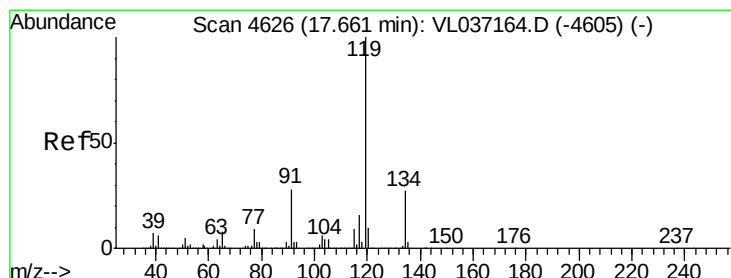
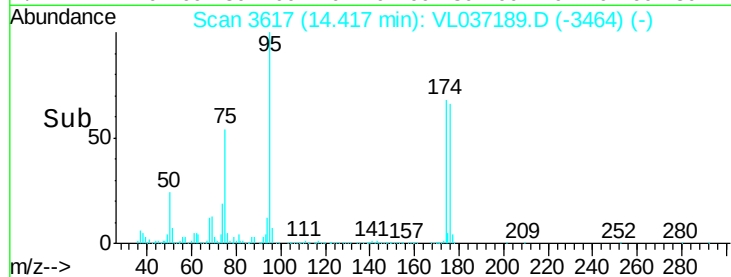
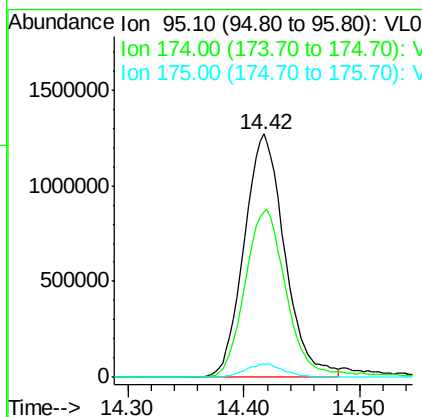
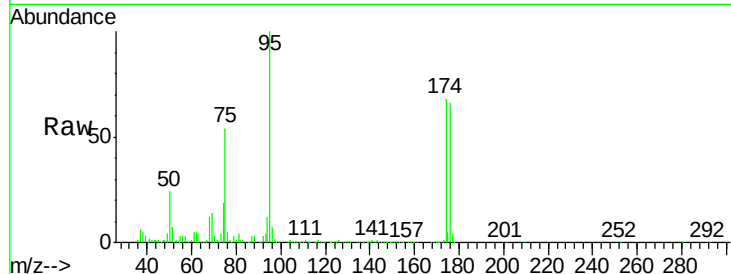
#68
1-Bromo-4-Fluorobenzene
Concen: 10.345 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL037189.D
Acq: 17 Jun 2021 3:35

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-4

Tot Ion: 95 Resp: 3086708
Ion Ratio Lower Upper
95 100
174 72.6 57.0 85.4
175 5.3 4.4 6.6

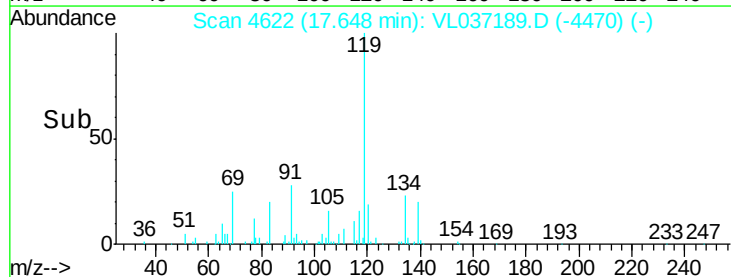
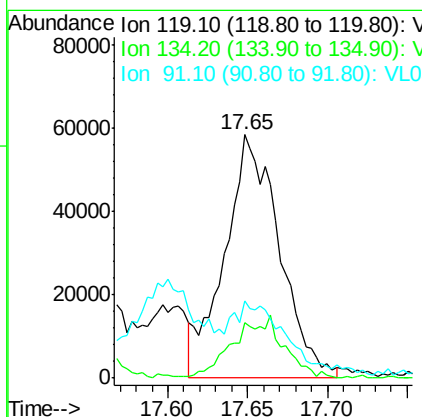
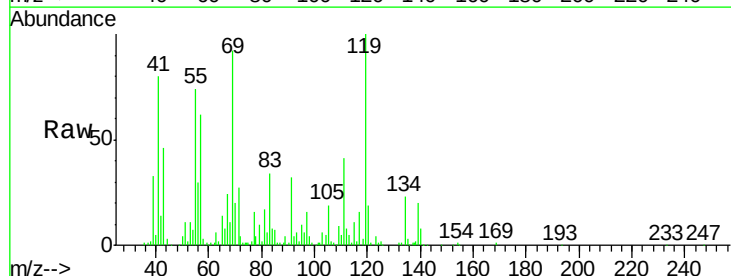
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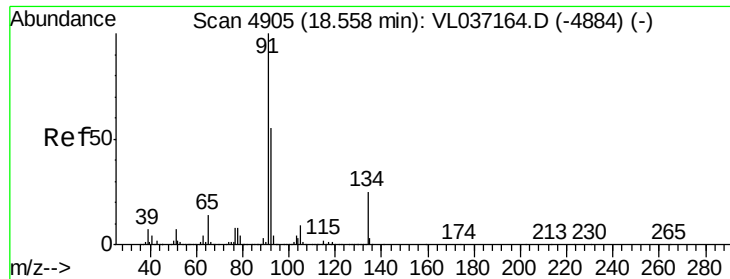
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#69
p-Isopropyltoluene
Concen: 0.225 ppbv m
RT: 17.65 min Scan# 4622
Delta R.T. -0.01 min
Lab File: VL037189.D
Acq: 17 Jun 2021 3:35

Tgt Ion: 119 Resp: 139862
Ion Ratio Lower Upper
119 100
134 0.0 20.9 31.3#
91 31.4 22.6 34.0





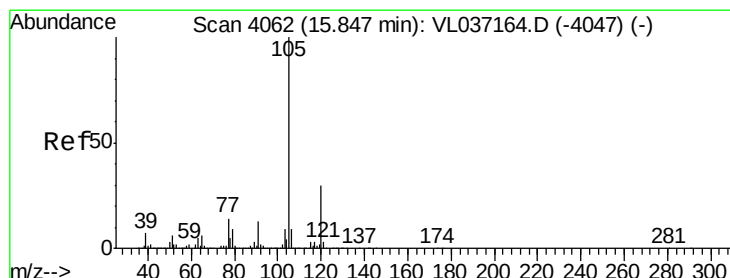
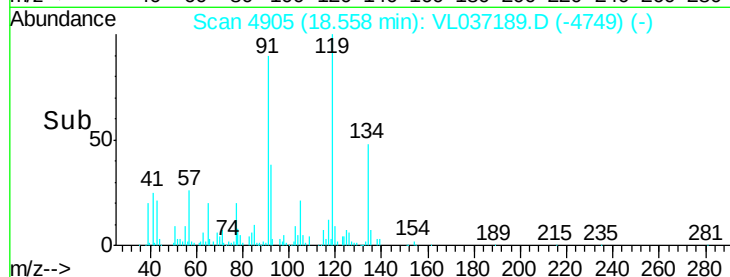
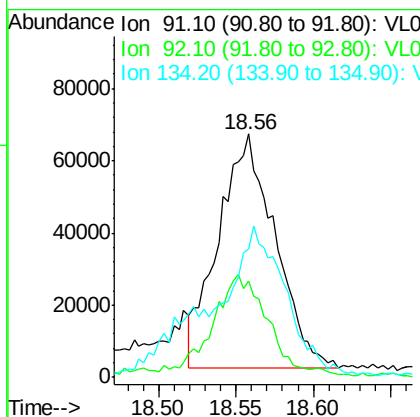
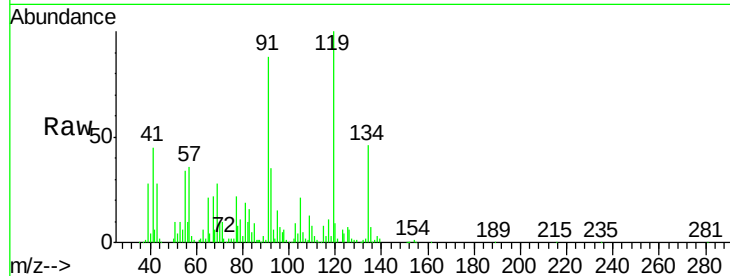
#70
n-Butylbenzene
Concen: 0.287 ppbv
RT: 18.56 min Scan# 4905
Delta R.T. 0.00 min
Lab File: VL037189.D
Acq: 17 Jun 2021 3:35

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-4

Tot Ion	Ratio	Resp	Lower	Upper
91	100	165265		
92	42.9	44.0	66.0#	
134	85.0	20.2	30.4#	

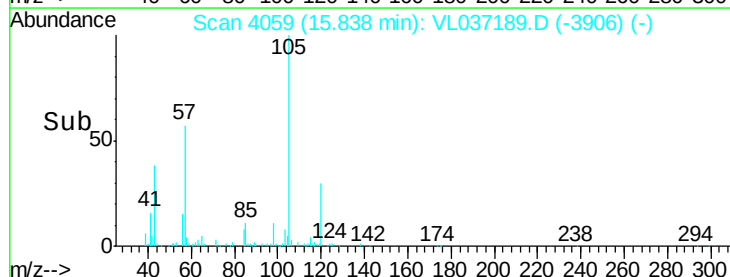
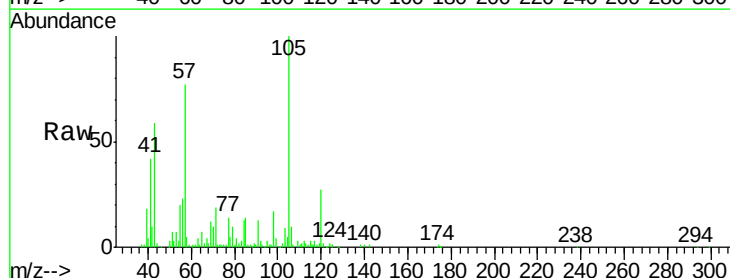
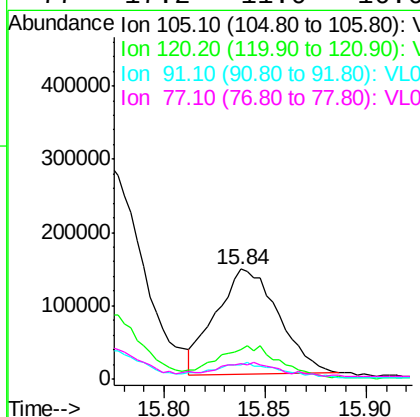
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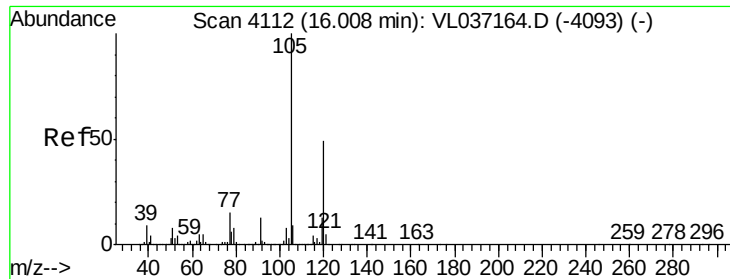
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#72
4-Ethyltoluene
Concen: 0.629 ppbv
RT: 15.84 min Scan# 4059
Delta R.T. -0.01 min
Lab File: VL037189.D
Acq: 17 Jun 2021 3:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	312321		
120	32.9	24.7	37.1	
91	14.4	10.2	15.4	
77	17.2	11.0	16.6#	





#73

1,3,5-Trimethylbenzene

Concen: 0.817 ppbv

RT: 16.00 min Scan# 4109

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-4

Tot Ion:105 Resp: 392546

Ion Ratio Lower Upper

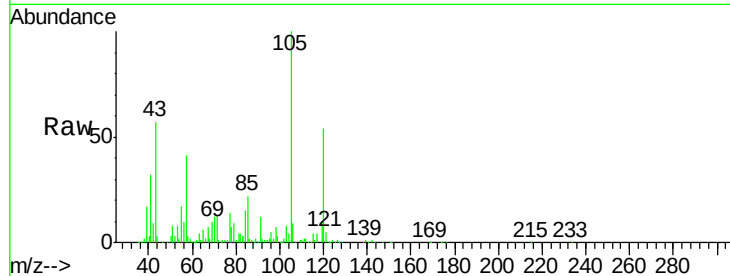
105 100

120 53.5 39.4 59.2

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.00

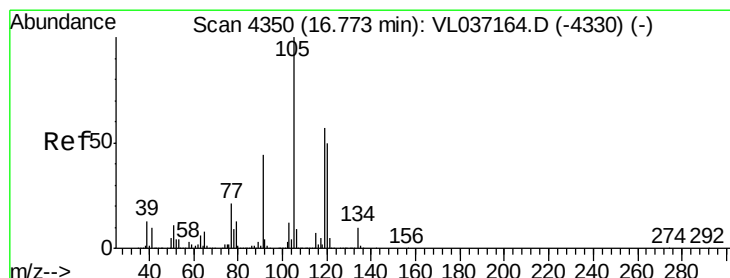
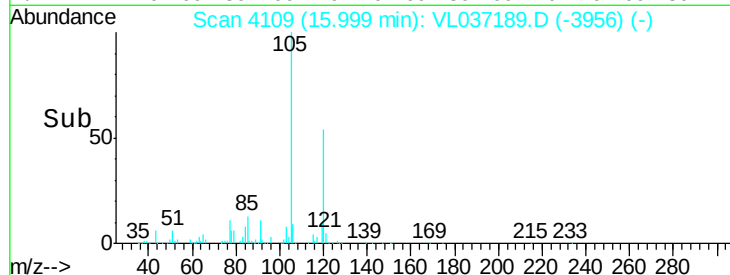
150000

100000

50000

0

Time--> 15.90 16.00 16.10



#74

1,2,4-Trimethylbenzene

Concen: 2.346 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Tgt Ion:105 Resp: 1161275

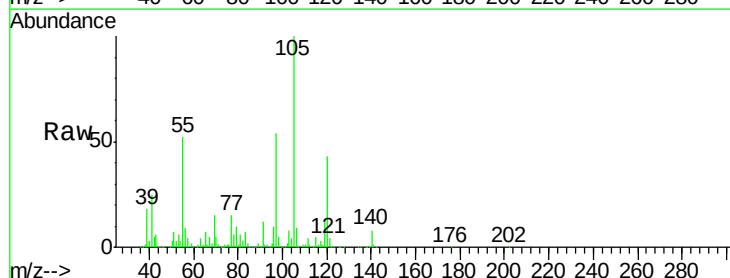
Ion Ratio Lower Upper

105 100

120 42.5 39.8 59.8

91 11.8 37.0 55.4#

77 15.1 17.0 25.4#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

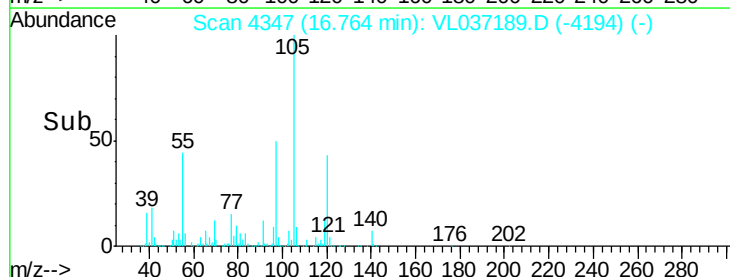
600000

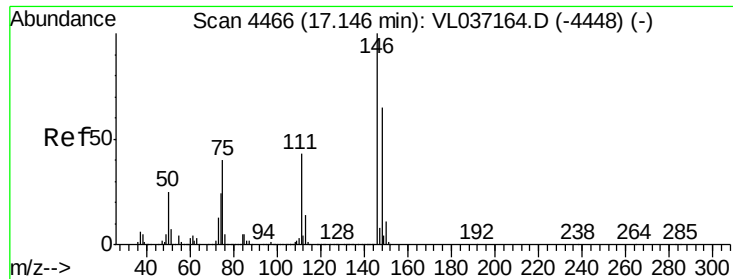
400000

200000

0

Time--> 16.70 16.75 16.80 16.85





#76

1,4-Dichlorobenzene

Concen: 0.203 ppbv m

RT: 17.14 min Scan# 4464

Delta R.T. -0.01 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Instrument :

MSVOA_L

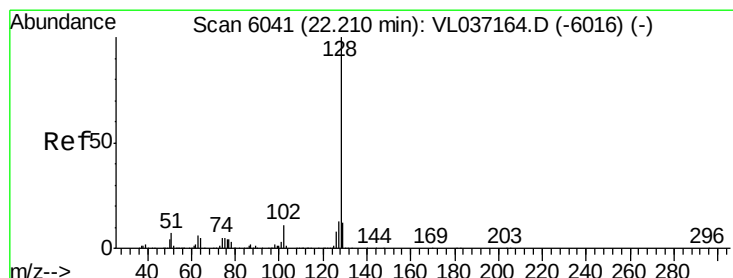
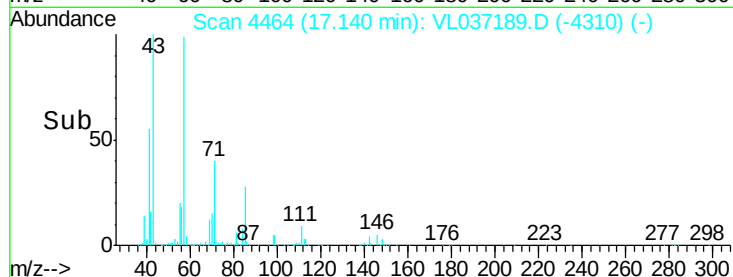
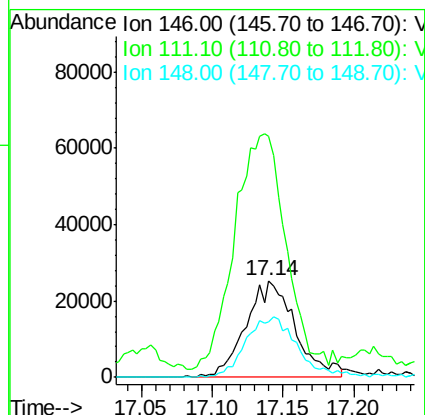
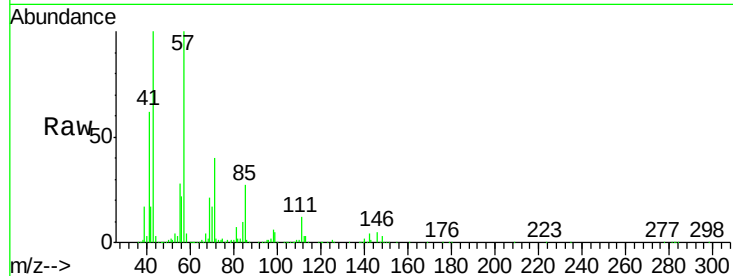
ClientSampleId :

IA-BEDROOM-4

Tot Ion	Ratio	Lower	Upper
146	100		
111	252.2	22.7	68.0#
148	66.8	33.7	101.1

Manual Integrations
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#79

Naphthalene

Concen: 0.114 ppbv m

RT: 22.21 min Scan# 6041

Delta R.T. 0.00 min

Lab File: VL037189.D

Acq: 17 Jun 2021 3:35

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.7	16.1
129	16.2	9.3	13.9#

