

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061721\
 Data File : VL037205.D
 Acq On : 17 Jun 2021 17:21
 Operator : SY/AP
 Sample : M2721-06DL 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-4DL

Quant Time: Jun 18 01:23:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 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	1458939	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4341196	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3831041	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3057541	10.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	29052	0.114	ppbv #	85
3) Chlorodifluoromethane	2.96	51	2774017	9.778	ppbv #	57
4) Chloromethane	3.14	50	16057	0.170	ppbv	91
9) Propene	3.21	41	456641	5.034	ppbv	96
10) Heptane	8.13	43	5755	0.026	ppbv #	1
11) Trichlorofluoromethane	3.96	101	13371	0.049	ppbv	84
13) Ethanol	3.61	45	705929	50.310	ppbv	53
15) Acetone	3.85	43	1602957	9.743	ppbv	95
16) 1,3-Butadiene	3.36	39	19539	0.201	ppbv #	17
17) tert-Butyl alcohol	4.31	59	158044	1.039	ppbv	97
19) Isopropyl Alcohol	3.98	45	188852	1.895	ppbv #	1
20) Methylene Chloride	4.35	84	197068	2.001	ppbv	93
21) Allyl Chloride	4.36	41	5097	0.041	ppbv #	1
23) Vinyl Acetate	5.07	43	12428	0.053	ppbv #	1
25) Ethyl Acetate	5.68	43	1542945	4.332	ppbv	98
26) Hexane	5.69	57	624262	3.468	ppbv #	76
27) Carbon Disulfide	4.56	76	12220	0.069	ppbv #	67
30) Cyclohexane	7.14	84	101224	0.675	ppbv	95
31) cis-1,2-Dichloroethene	5.68	61	140290	0.848	ppbv #	25
34) 2-Butanone	5.25	43	203547	1.206	ppbv #	88
36) Benzene	6.89	78	9897	0.028	ppbv #	73
37) 1,2-Dichloroethane	6.30	62	5557	0.027	ppbv #	83
39) 1,2-Dichloropropane	7.18	63	1052261	8.067	ppbv #	23
41) Tetrahydrofuran	6.06	42	9655	0.123	ppbv #	7
44) 2,2,4-Trimethylpentane	7.87	57	16710	0.028	ppbv #	1
51) 2-Hexanone	10.06	43	3901	0.035	ppbv #	29
53) Toluene	9.81	91	341846	0.815	ppbv	99
58) Ethyl Benzene	12.71	91	39123	0.074	ppbv	98
59) m/p-Xylene	12.99	91	108888	0.244	ppbv #	30
60) o-Xylene	13.70	91	71845	0.169	ppbv #	36
61) Styrene	13.53	104	1836007	8.359	ppbv	98
62) Isopropylbenzene	14.67	105	20618	0.034	ppbv #	48
66) Benzyl Chloride	16.98	91	703	0.031	ppbv #	1
69) p-Isopropyltoluene	17.65	119	13619	0.023	ppbv #	36
70) n-Butylbenzene	18.55	91	14435	0.026	ppbv #	44
71) 2-Chlorotoluene	15.31	91	19258	0.046	ppbv	97
72) 4-Ethyltoluene	15.85	105	45058	0.093	ppbv #	63
73) 1,3,5-Trimethylbenzene	16.00	105	51238	0.110	ppbv #	81
74) 1,2,4-Trimethylbenzene	16.76	105	262641	0.545	ppbv #	70

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IA-BEDROOM-4DL

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

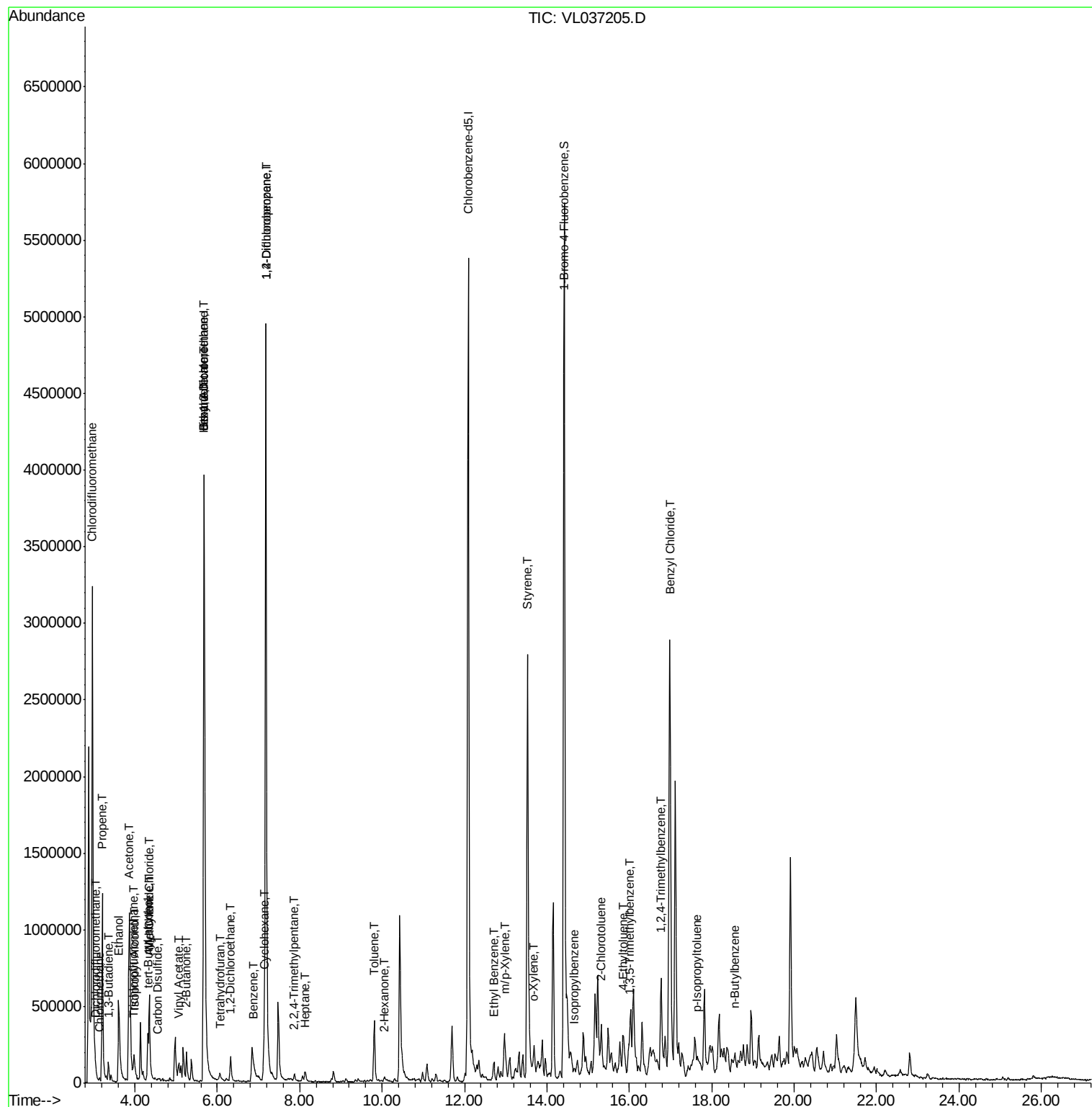
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

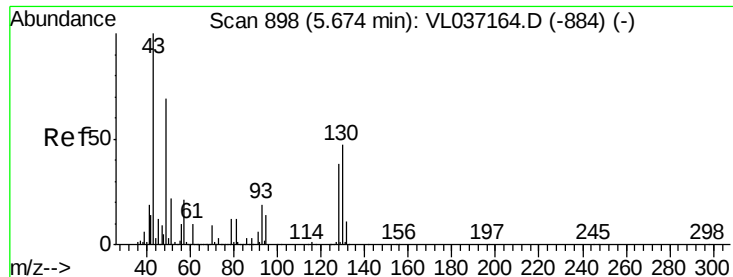
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL061721\
Data File : VL037205.D
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL037205.D

Acq: 17 Jun 2021 17:21

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-4DL

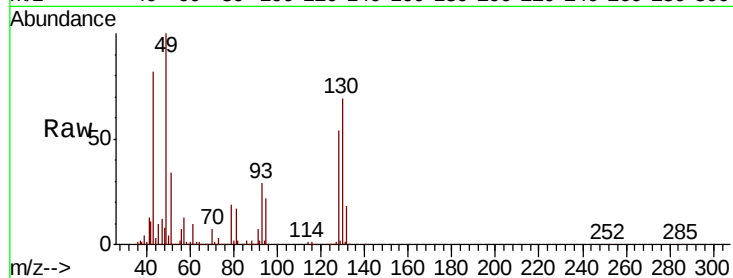
Tot Ion: 49 Resp: 1458939

Ion Ratio Lower Upper

49 100

128 57.1 29.3 88.0

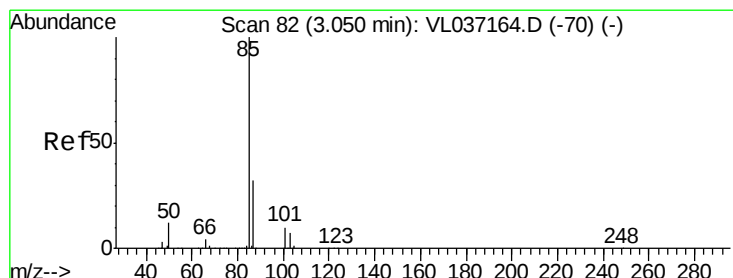
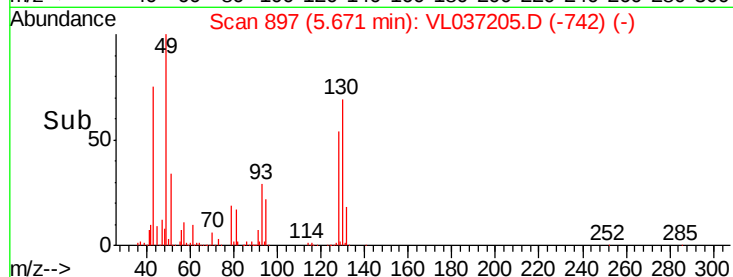
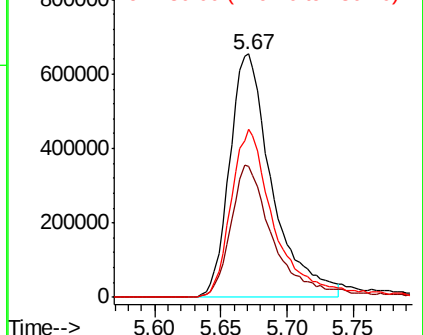
130 73.2 35.9 107.8



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: 0.114 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL037205.D

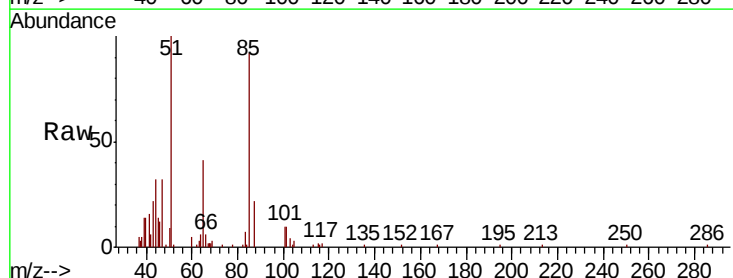
Acq: 17 Jun 2021 17:21

Tgt Ion: 85 Resp: 29052

Ion Ratio Lower Upper

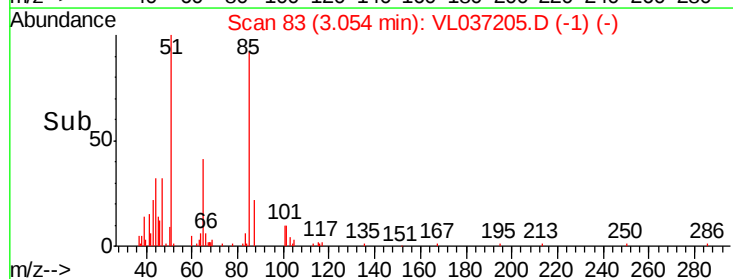
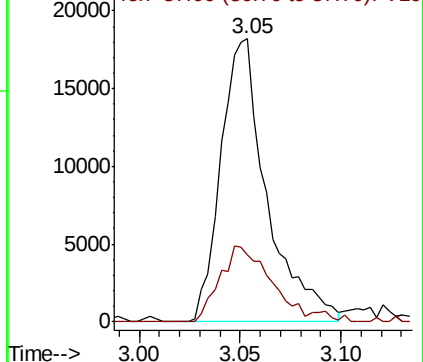
85 100

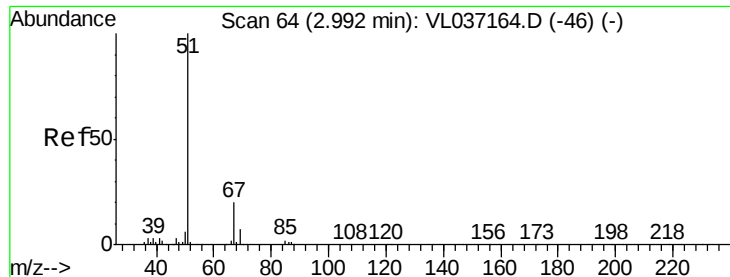
87 23.8 25.8 38.6#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.778 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.03 min

Lab File: VL037205.D

Acq: 17 Jun 2021 17:21

Instrument :

MSVOA_L

ClientSampleId :

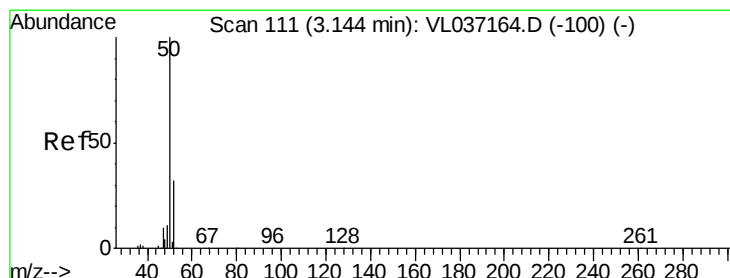
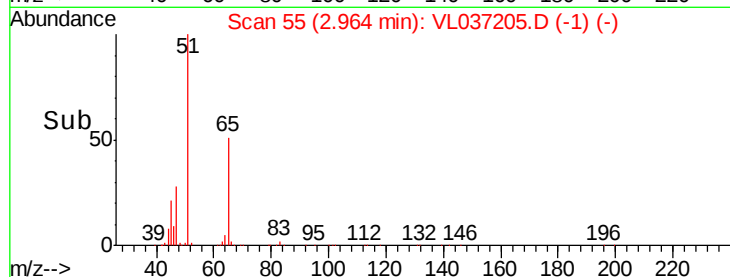
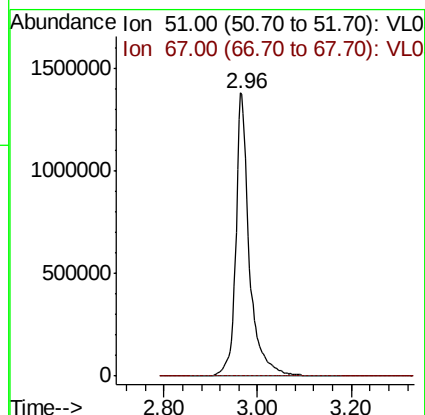
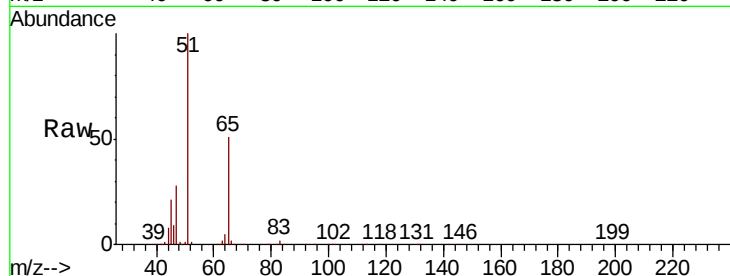
IA-BEDROOM-4DL

Tot Ion: 51 Resp: 2774017

Ion Ratio Lower Upper

51 100

67 0.2 15.8 23.6#



#4

Chloromethane

Concen: 0.170 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL037205.D

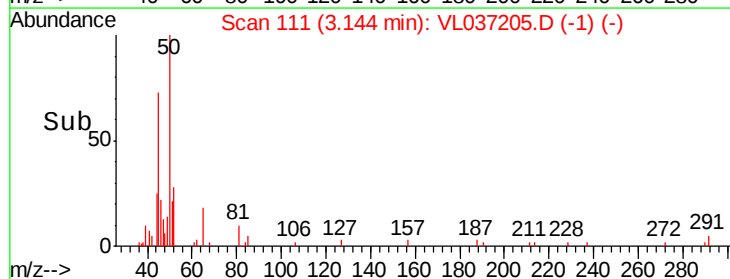
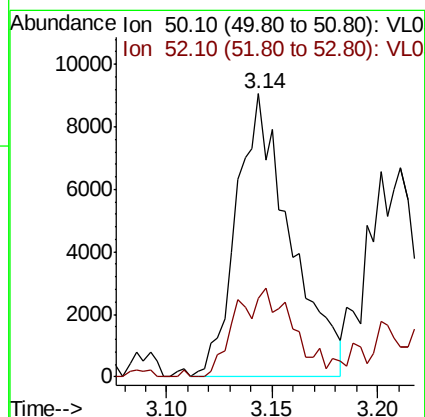
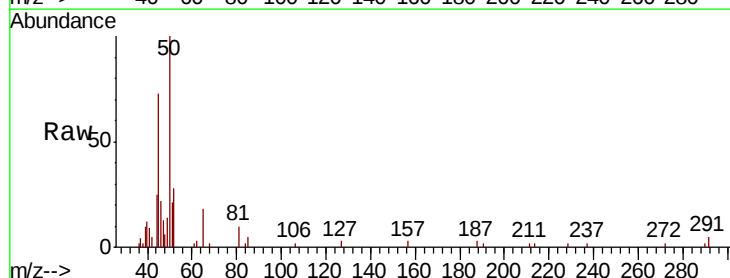
Acq: 17 Jun 2021 17:21

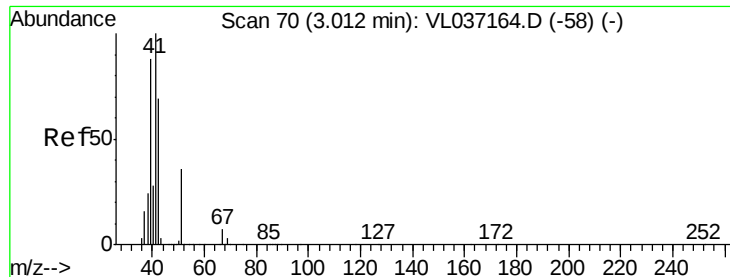
Tgt Ion: 50 Resp: 16057

Ion Ratio Lower Upper

50 100

52 27.5 25.8 38.8





#9

Propene

Concen: 5.034 ppbv

RT: 3.21 min Scan# 131

Delta R.T. 0.20 min

Lab File: VL037205.D

Acq: 17 Jun 2021 17:21

Instrument :

MSVOA_L

ClientSampleId :

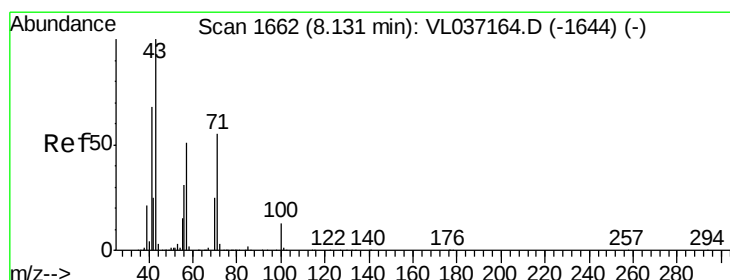
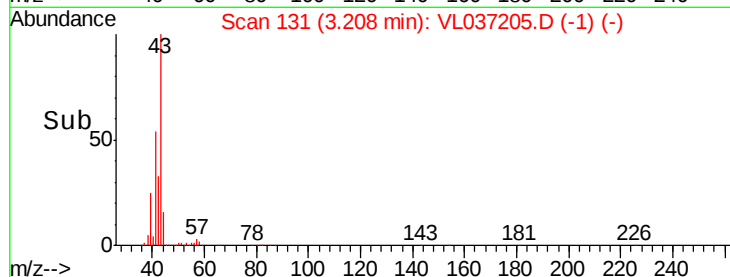
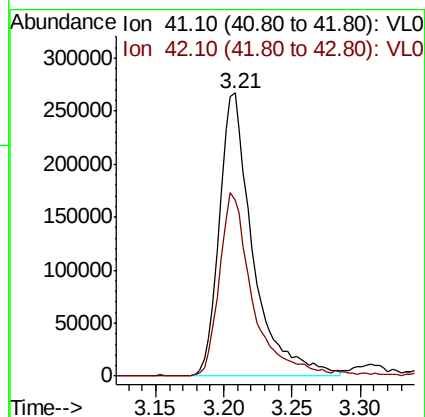
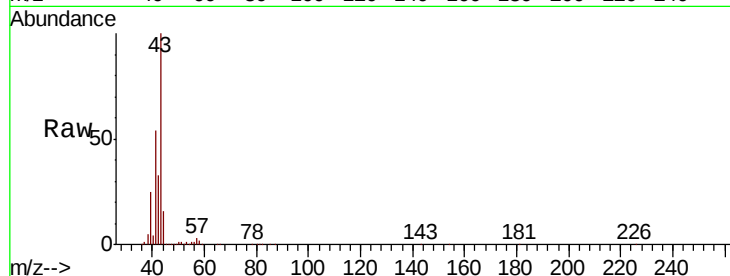
IA-BEDROOM-4DL

Tot Ion: 41 Resp: 456641

Ion Ratio Lower Upper

41 100

42 64.8 54.5 81.7



#10

Heptane

Concen: 0.026 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VL037205.D

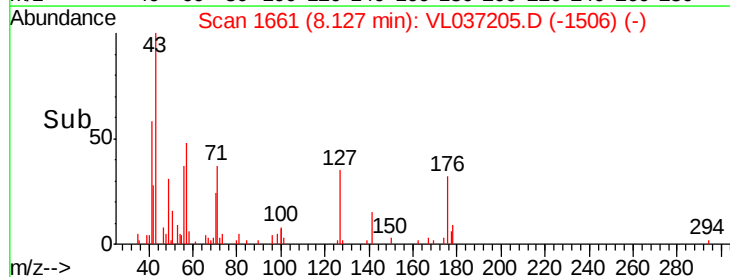
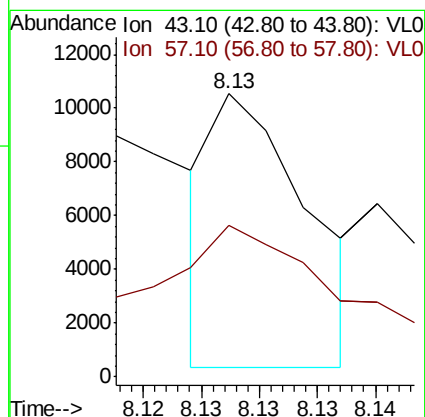
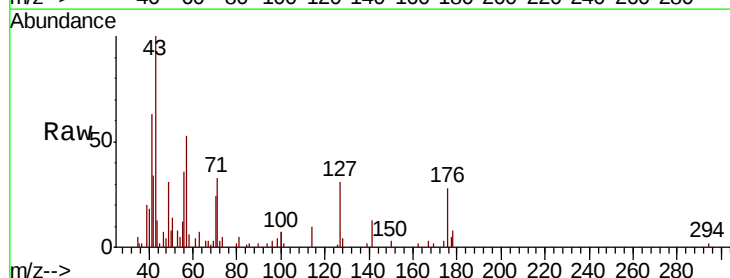
Acq: 17 Jun 2021 17:21

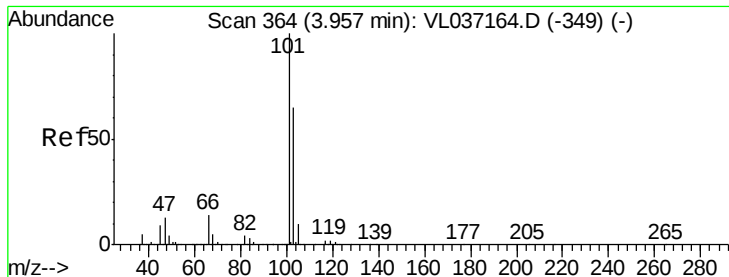
Tgt Ion: 43 Resp: 5755

Ion Ratio Lower Upper

43 100

57 205.7 40.6 61.0#

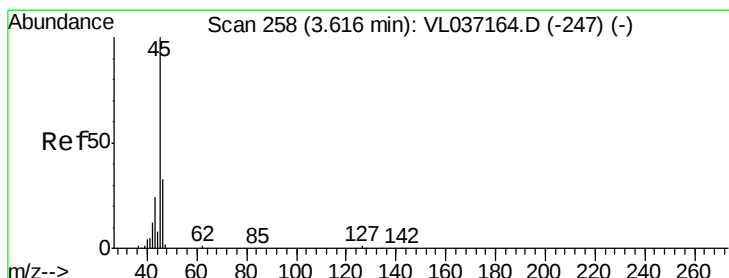
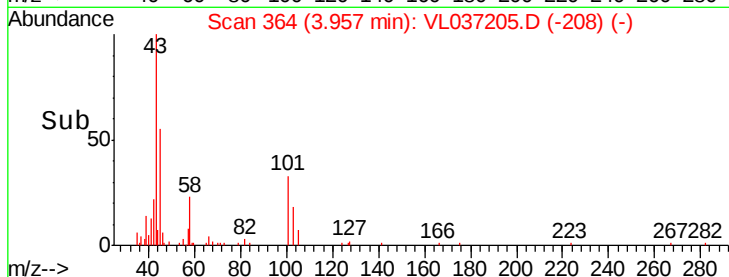
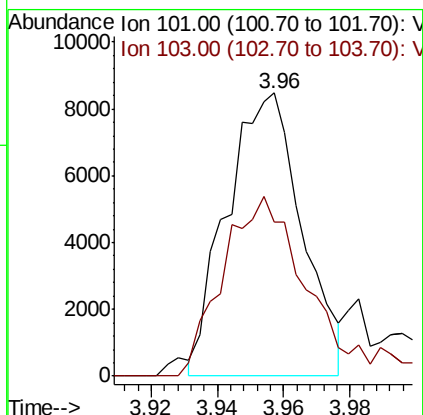
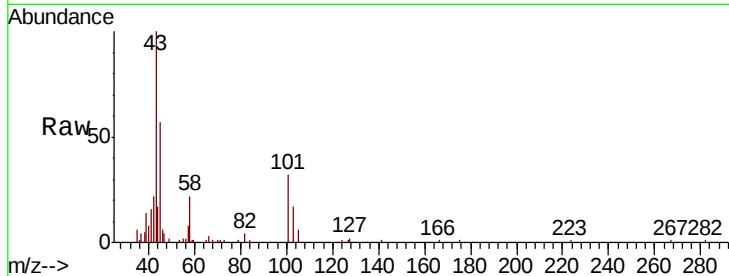




#11
 Trichlorofluoromethane
 Concen: 0.049 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VL037205.D
 Acq: 17 Jun 2021 17:21

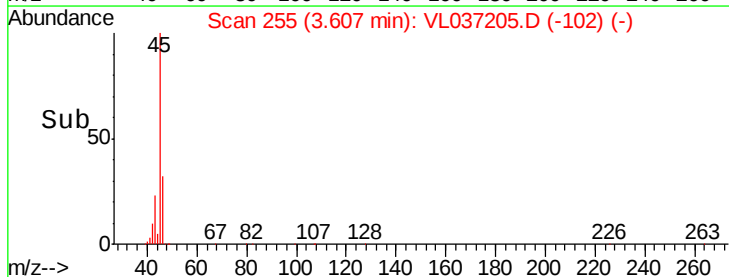
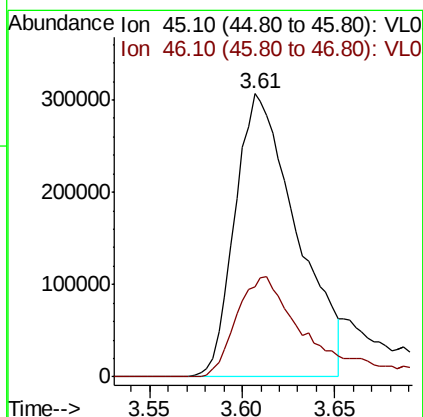
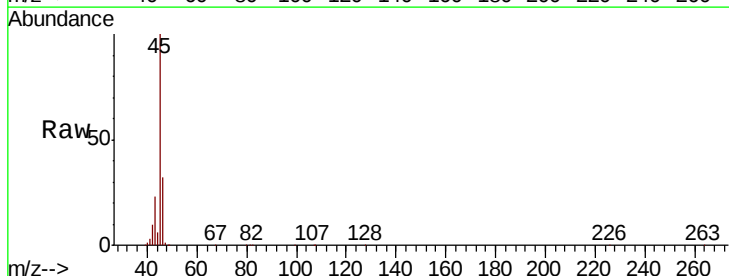
Instrument :
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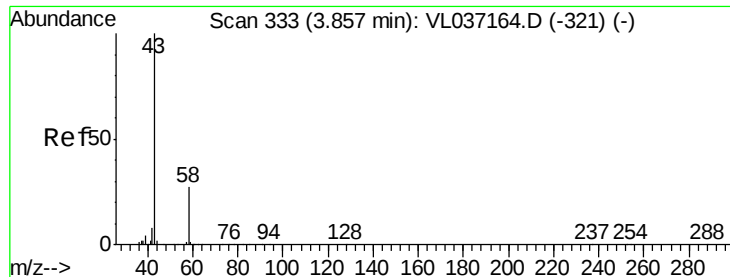
Tot Ion:101 Resp: 13371
 Ion Ratio Lower Upper
 101 100
 103 52.8 52.2 78.4



#13
 Ethanol
 Concen: 50.310 ppbv
 RT: 3.61 min Scan# 255
 Delta R.T. -0.01 min
 Lab File: VL037205.D
 Acq: 17 Jun 2021 17:21

Tgt Ion: 45 Resp: 705929
 Ion Ratio Lower Upper
 45 100
 46 42.6 34.2 137.0

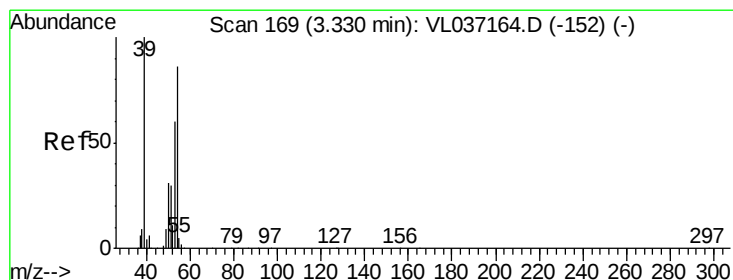
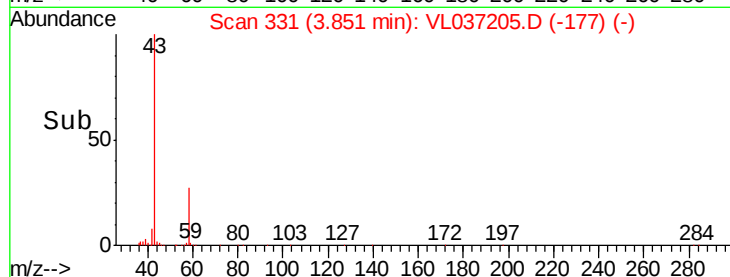
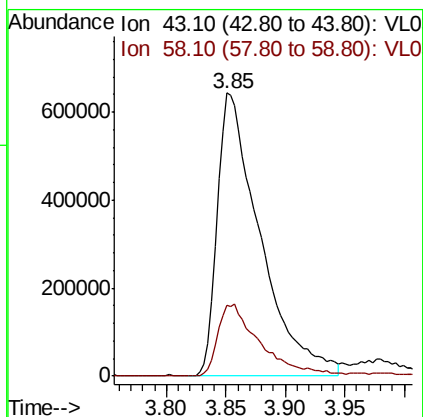
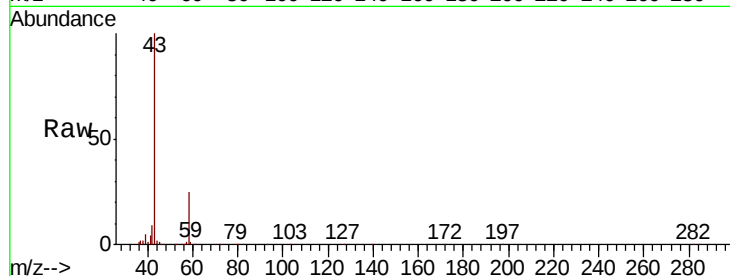




#15
Acetone
Concen: 9.743 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.01 min
Lab File: VL037205.D
Acq: 17 Jun 2021 17:21

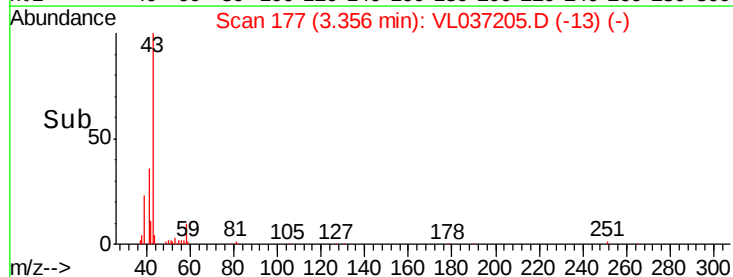
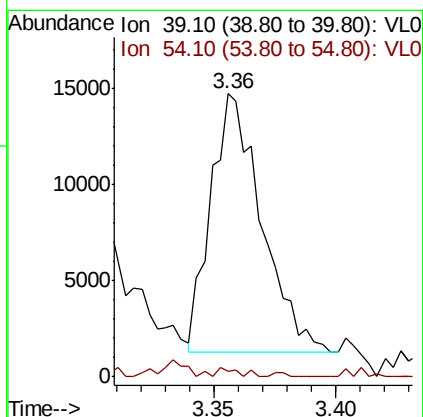
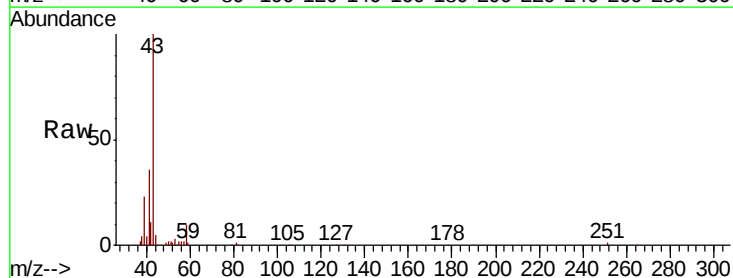
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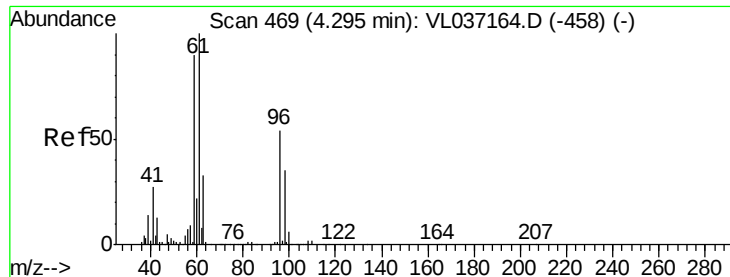
Tot Ion: 43 Resp: 1602957
Ion Ratio Lower Upper
43 100
58 27.1 23.7 35.5



#16
1,3-Butadiene
Concen: 0.201 ppbv
RT: 3.36 min Scan# 177
Delta R.T. 0.03 min
Lab File: VL037205.D
Acq: 17 Jun 2021 17:21

Tgt Ion: 39 Resp: 19539
Ion Ratio Lower Upper
39 100
54 5.3 61.2 91.8#



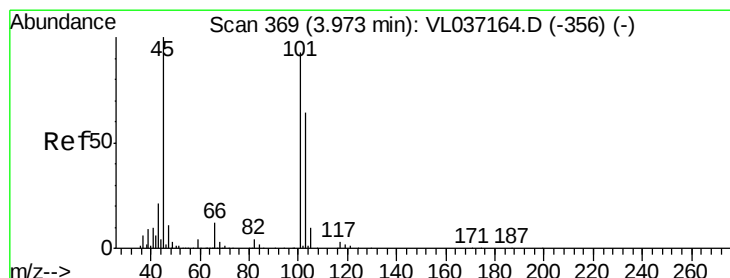
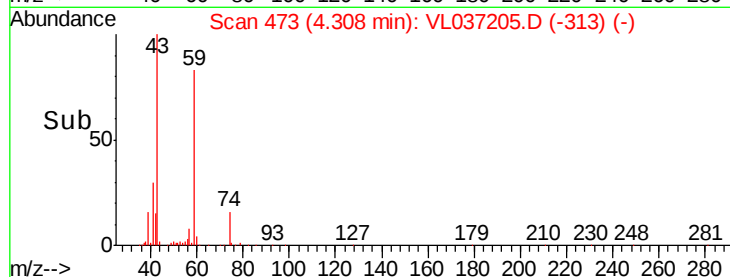
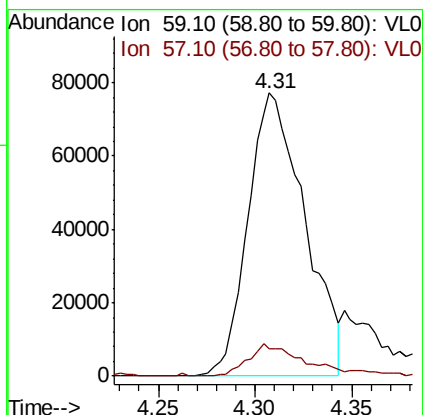
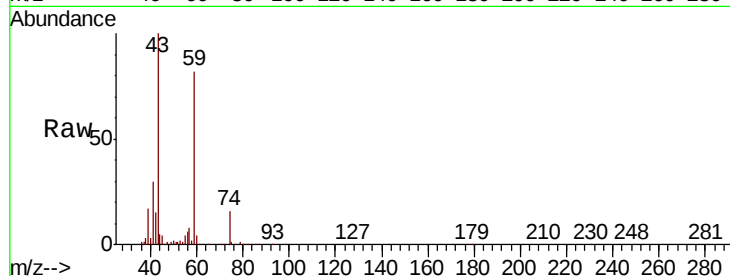


#17

tert-Butyl alcohol
 Concen: 1.039 ppbv
 RT: 4.31 min Scan# 473
 Delta R.T. 0.01 min
 Lab File: VL037205.D
 Acq: 17 Jun 2021 17:21

Instrument :
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 IA-BEDROOM-4DL

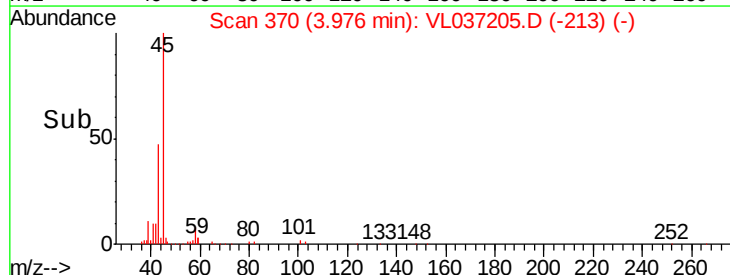
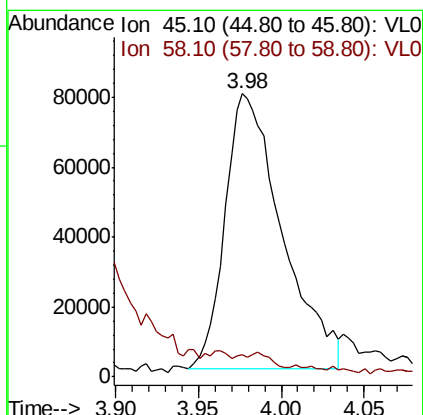
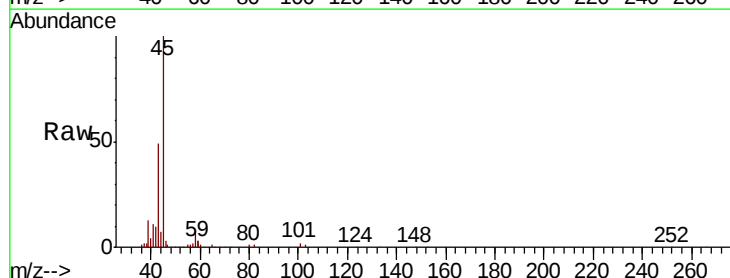
Tot Ion: 59 Resp: 158044
 Ion Ratio Lower Upper
 59 100
 57 12.1 8.8 13.2

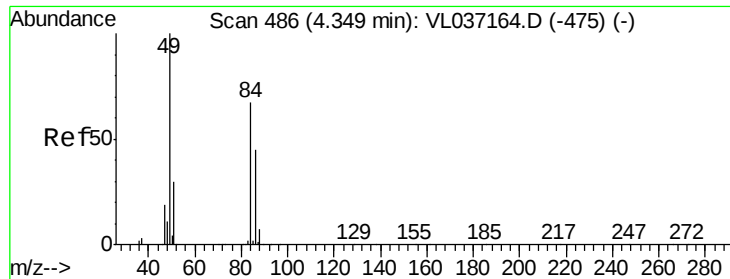


#19

Isopropyl Alcohol
 Concen: 1.895 ppbv
 RT: 3.98 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VL037205.D
 Acq: 17 Jun 2021 17:21

Tgt Ion: 45 Resp: 188852
 Ion Ratio Lower Upper
 45 100
 58 230.1 2.4 3.6#

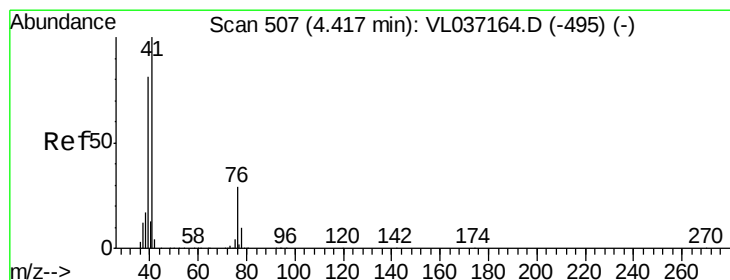
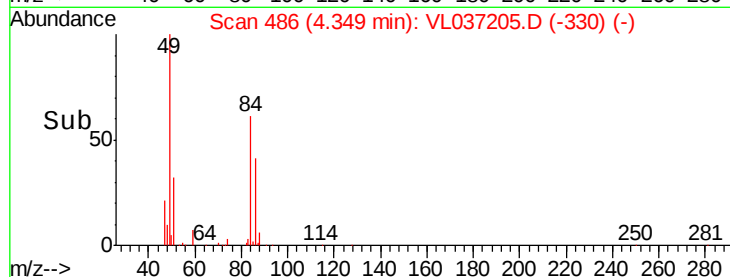
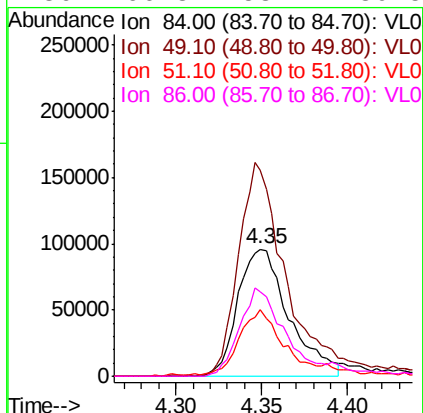
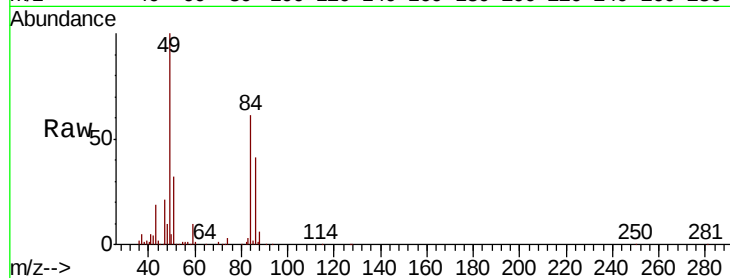




#20
Methylene Chloride
Concen: 2.001 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.00 min
Lab File: VL037205.D
Acq: 17 Jun 2021 17:21

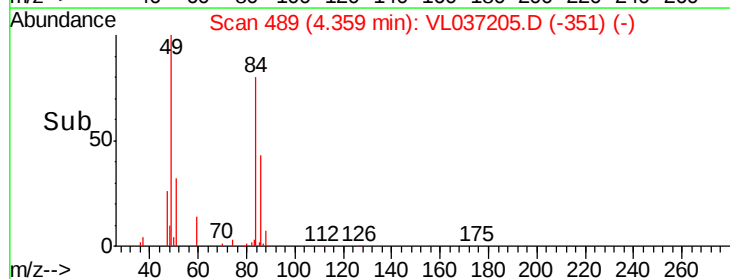
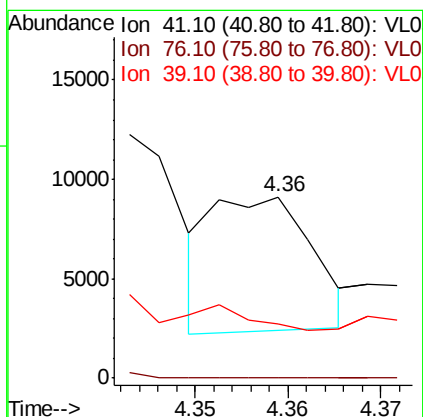
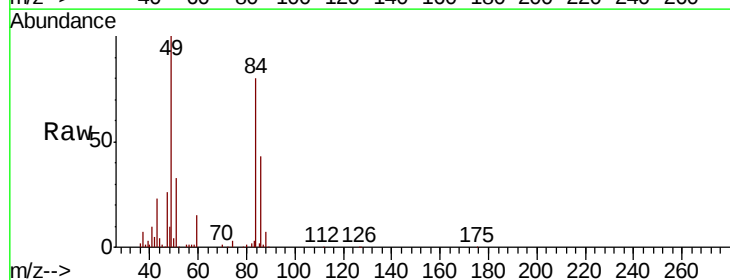
Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-4DL

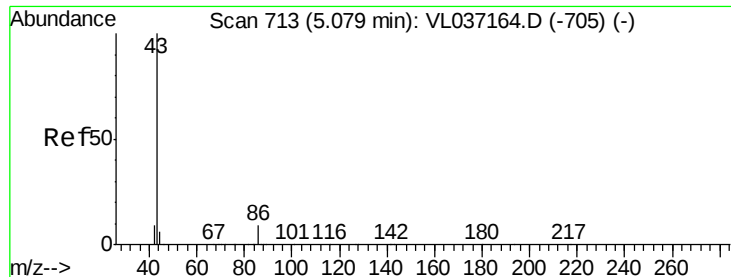
Tot Ion:	84	Resp:	197068
Ion	Ratio	Lower	Upper
84	100		
49	161.9	119.7	179.5
51	50.9	36.1	54.1
86	66.8	53.7	80.5



#21
Allyl Chloride
Concen: 0.041 ppbv
RT: 4.36 min Scan# 489
Delta R.T. -0.06 min
Lab File: VL037205.D
Acq: 17 Jun 2021 17:21

Tgt Ion:	41	Resp:	5097
Ion	Ratio	Lower	Upper
41	100		
76	272.6	24.6	37.0#
39	44.7	65.4	98.0#





#23

Vinyl Acetate

Concen: 0.053 ppbv

RT: 5.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VL037205.D

Acq: 17 Jun 2021 17:21

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-4DL

Tot Ion: 43 Resp: 12428

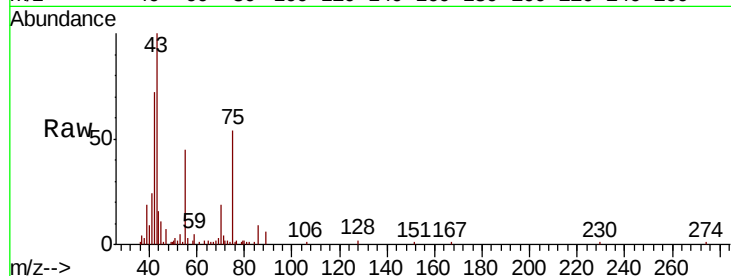
Ion Ratio Lower Upper

43 100

86 9.5 5.8 8.8#

42 92.0 8.2 12.2#

44 7.2 4.2 6.4#

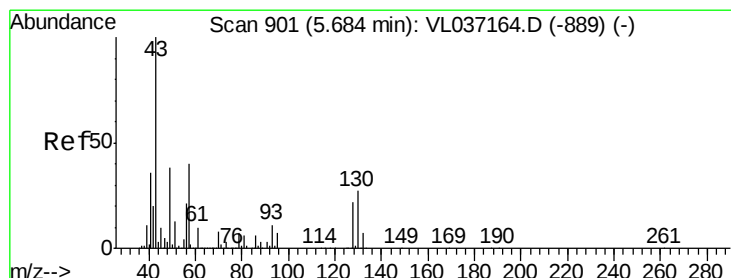
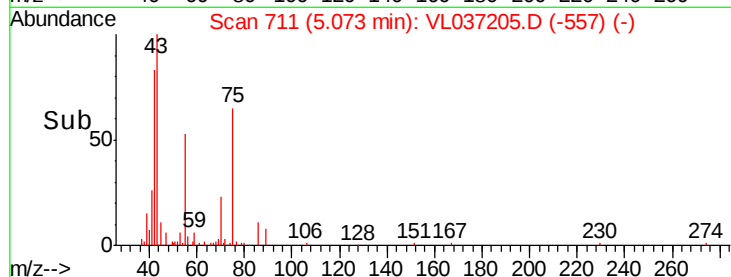
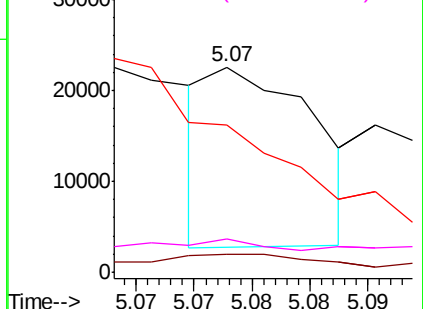


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 4.332 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.00 min

Lab File: VL037205.D

Acq: 17 Jun 2021 17:21

Tgt Ion: 43 Resp: 1542945

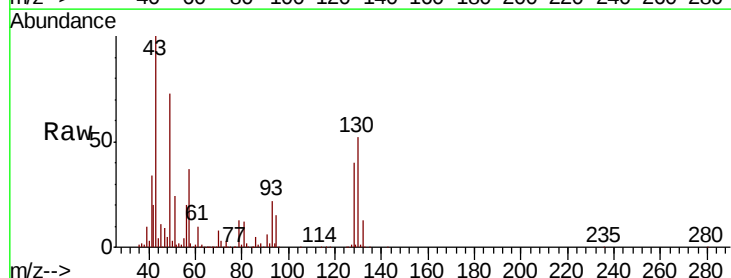
Ion Ratio Lower Upper

43 100

45 11.1 8.0 12.0

61 10.0 8.1 12.1

70 8.1 5.5 8.3

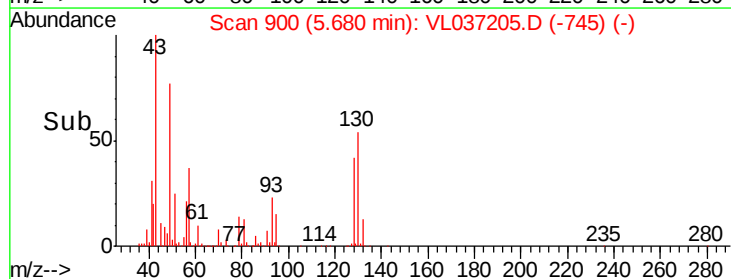
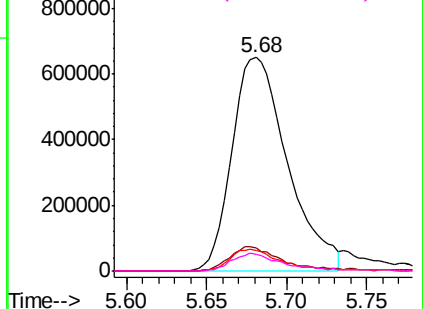


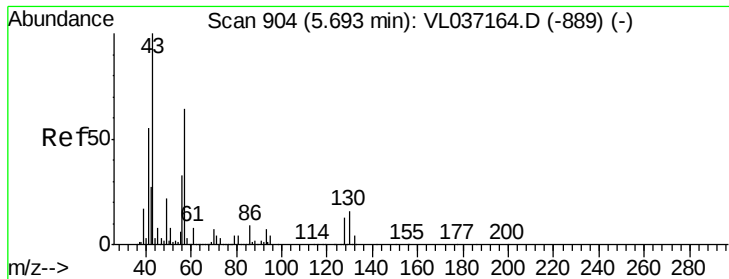
Abundance Ion 43.10 (42.80 to 43.80): VL0

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

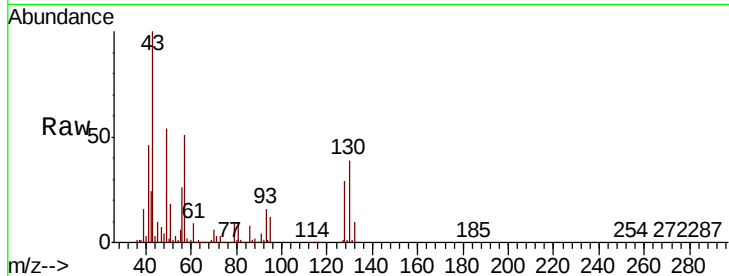




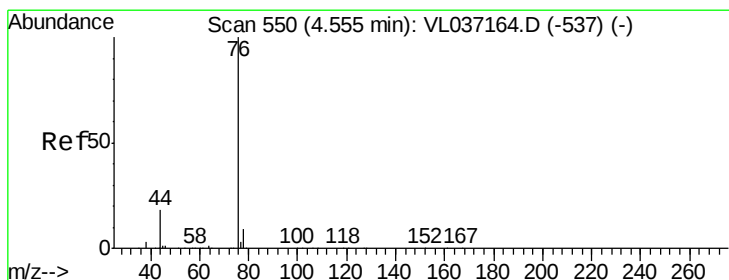
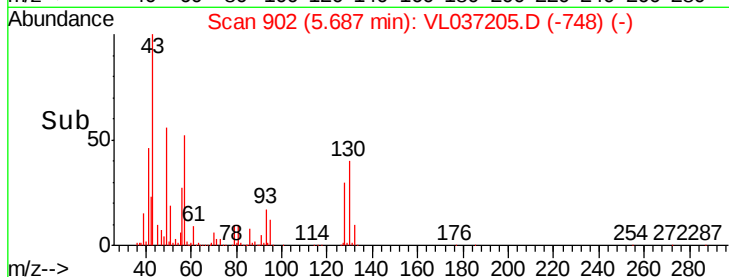
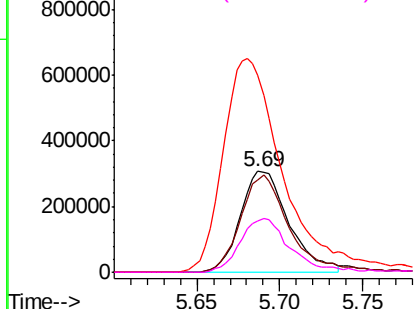
#26
Hexane
Concen: 3.468 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL037205.D
Acq: 17 Jun 2021 17:21

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-4DL

Tot Ion:	57	Resp:	624262
Ion	Ratio	Lower	Upper
57	100		
41	99.8	73.5	110.3
43	269.8	170.7	256.1#
56	56.3	42.4	63.6

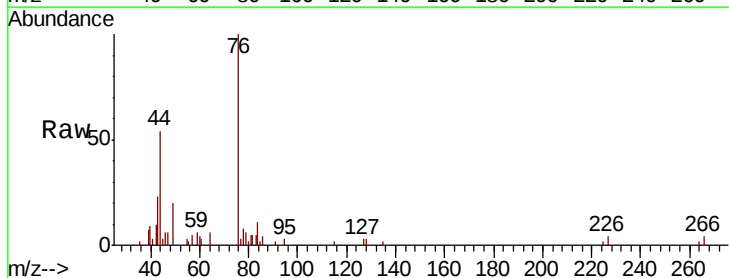


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

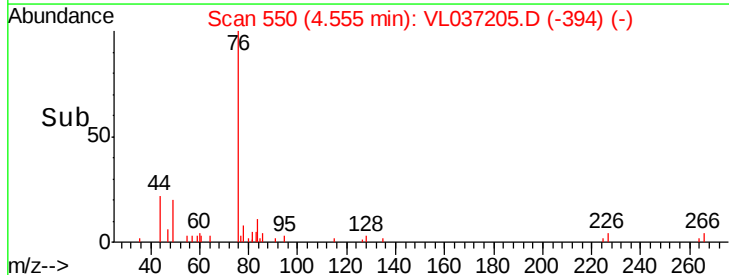
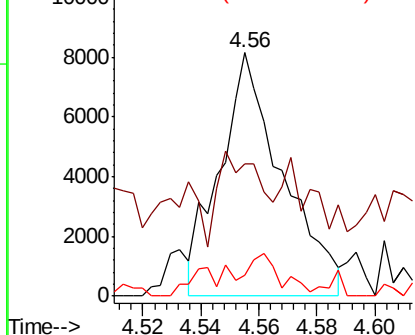


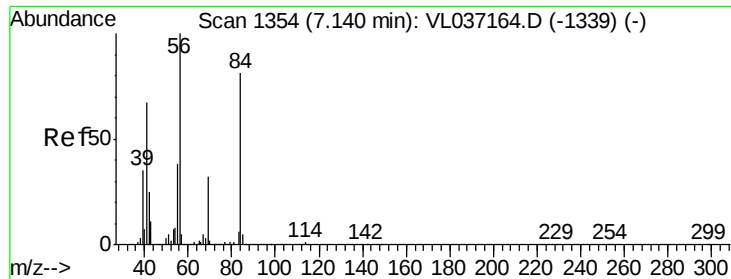
#27
Carbon Disulfide
Concen: 0.069 ppbv
RT: 4.56 min Scan# 550
Delta R.T. -0.00 min
Lab File: VL037205.D
Acq: 17 Jun 2021 17:21

Tgt Ion:	76	Resp:	12220
Ion	Ratio	Lower	Upper
76	100		
44	36.1	15.4	23.2#
78	18.7	8.0	12.0#



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0

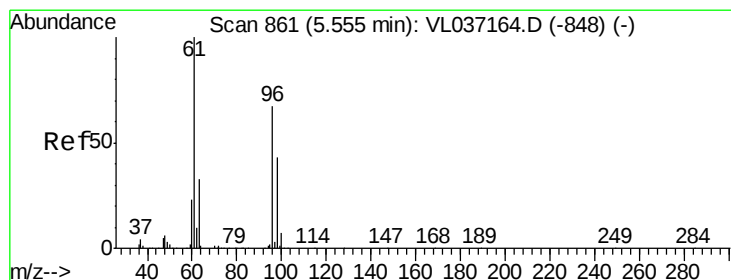
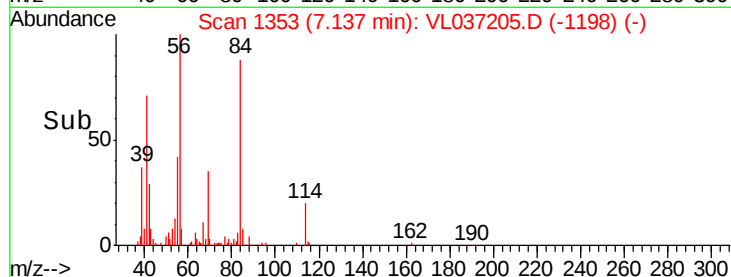
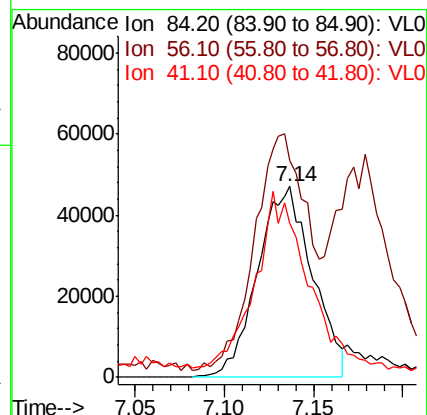
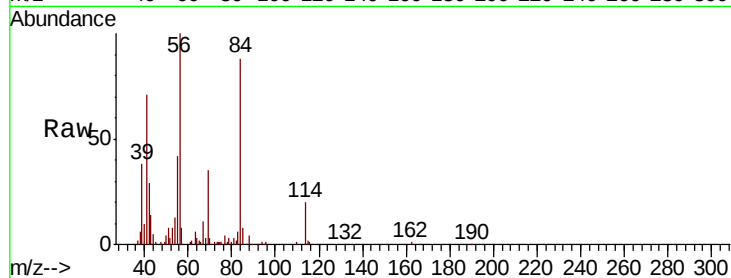




#30
Cvclohexane
Concen: 0.675 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL037205.D
Acq: 17 Jun 2021 17:21

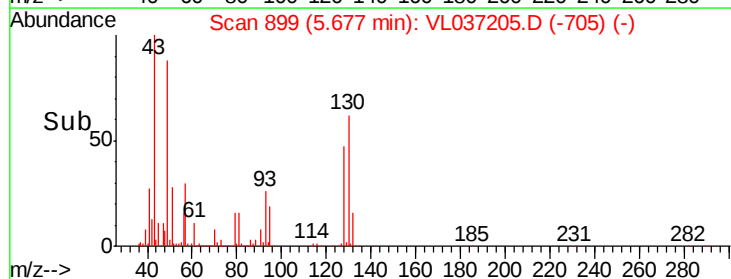
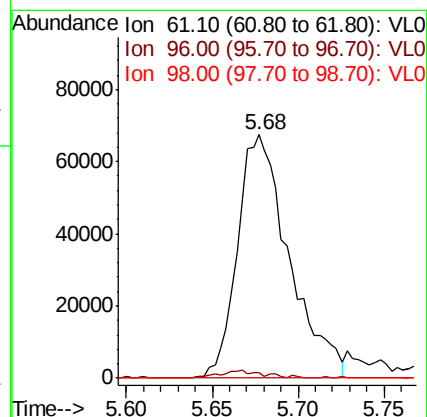
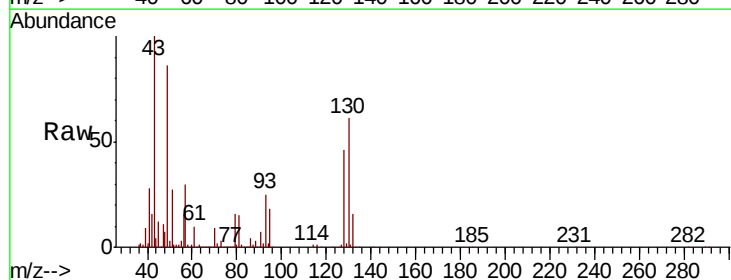
Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-4DL

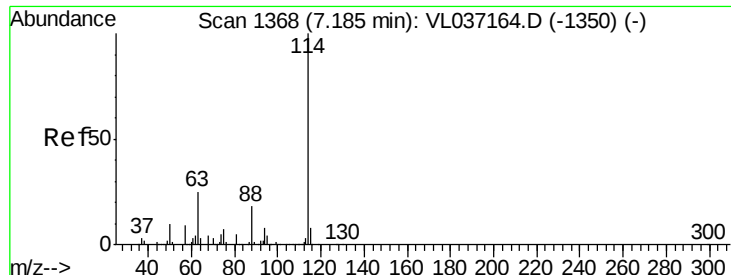
Tot Ion: 84 Resp: 101224
Ion Ratio Lower Upper
84 100
56 130.1 107.7 161.5
41 92.9 69.0 103.6



#31
cis-1,2-Dichloroethene
Concen: 0.848 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.12 min
Lab File: VL037205.D
Acq: 17 Jun 2021 17:21

Tgt Ion: 61 Resp: 140290
Ion Ratio Lower Upper
61 100
96 2.4 53.6 80.4#
98 0.0 34.7 52.1#

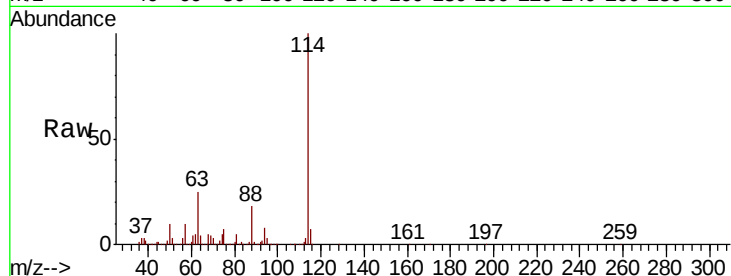




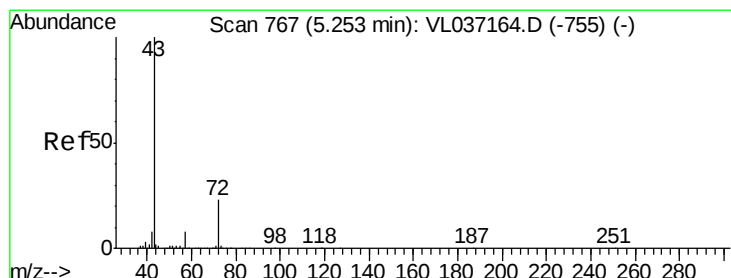
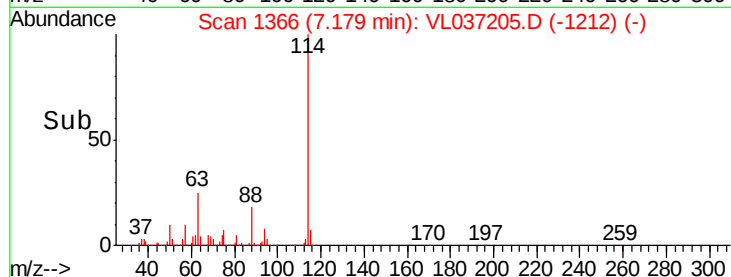
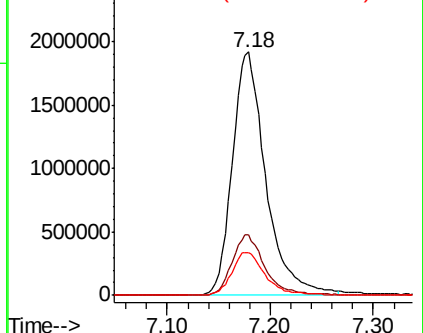
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: VL037205.D
 Acq: 17 Jun 2021 17:21

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-4DL

Tot Ion:114 Resp: 4341196
 Ion Ratio Lower Upper
 114 100
 63 24.7 19.6 29.4
 88 17.9 14.2 21.2

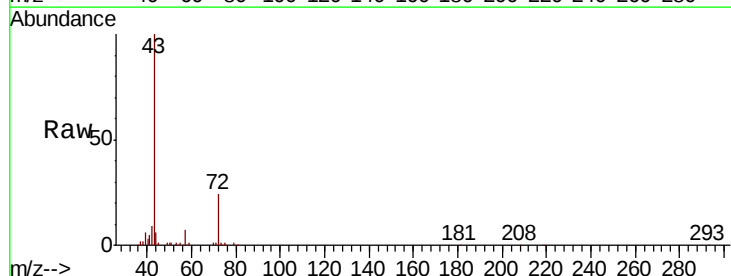


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

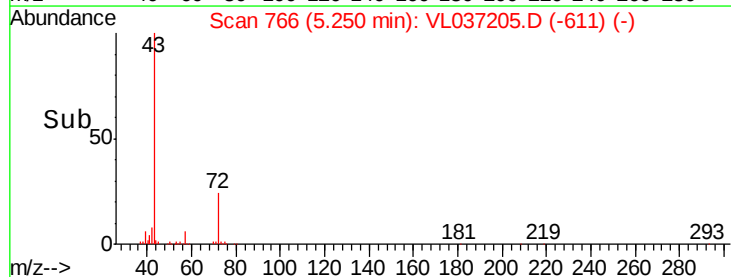
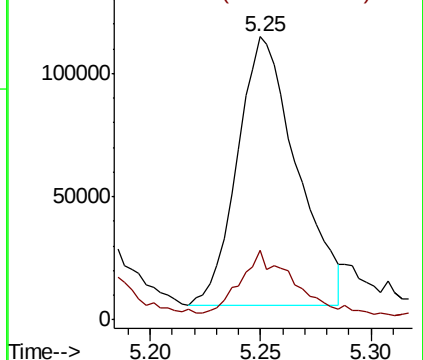


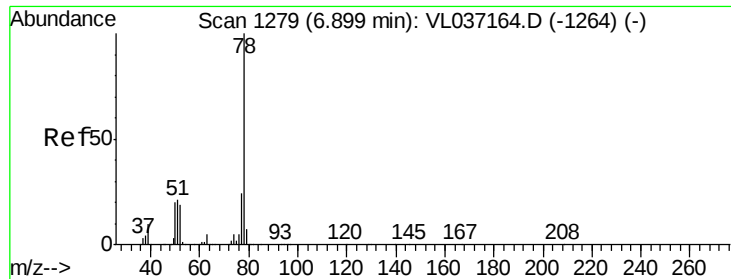
#34
 2-Butanone
 Concen: 1.206 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VL037205.D
 Acq: 17 Jun 2021 17:21

Tgt Ion: 43 Resp: 203547
 Ion Ratio Lower Upper
 43 100
 72 29.6 18.9 28.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 0.028 ppbv

RT: 6.89 min Scan# 1276

Delta R.T. -0.01 min

Lab File: VL037205.D

Acq: 17 Jun 2021 17:21

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-4DL

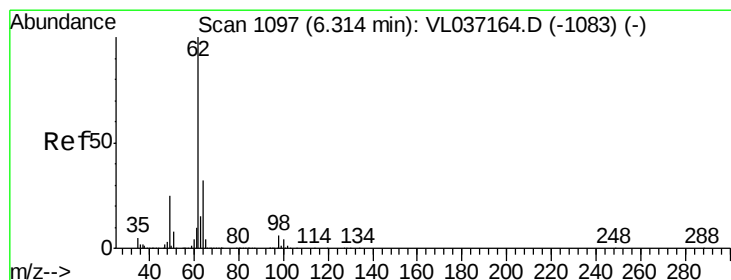
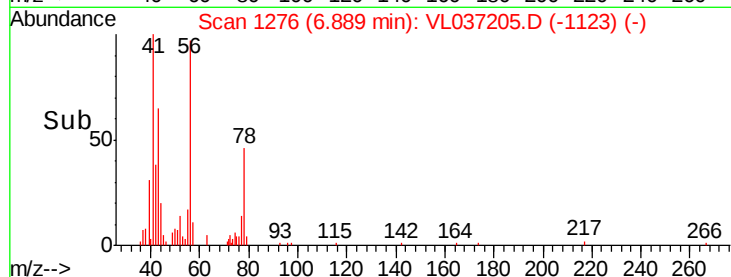
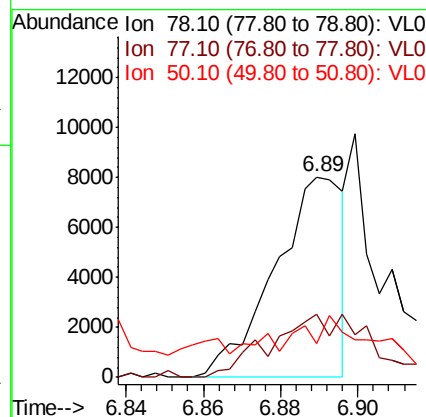
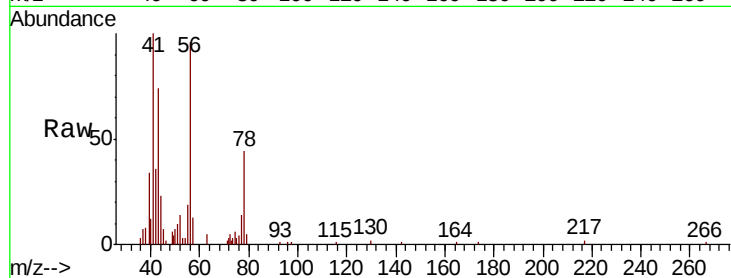
Tot Ion: 78 Resp: 9897

Ion Ratio Lower Upper

78 100

77 31.4 19.0 28.6#

50 0.8 15.7 23.5#



#37

1,2-Dichloroethane

Concen: 0.027 ppbv

RT: 6.30 min Scan# 1094

Delta R.T. -0.01 min

Lab File: VL037205.D

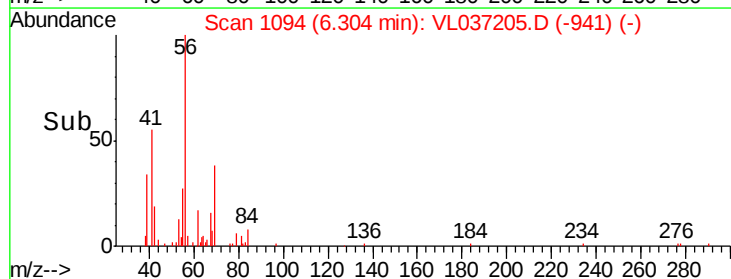
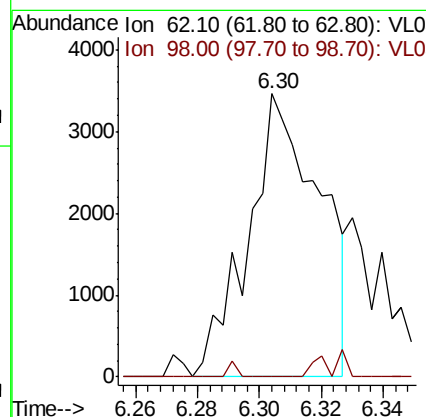
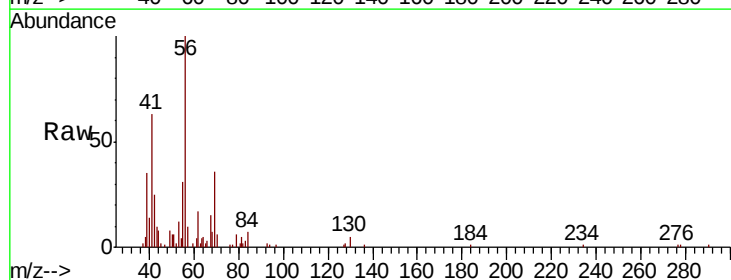
Acq: 17 Jun 2021 17:21

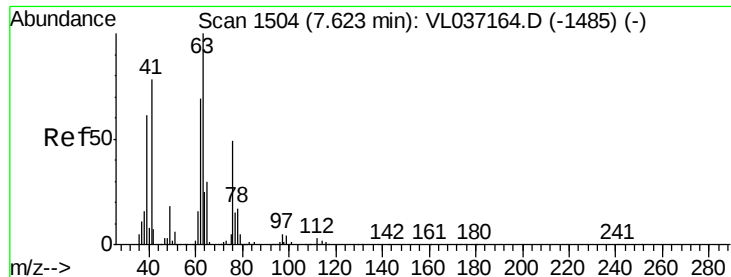
Tgt Ion: 62 Resp: 5557

Ion Ratio Lower Upper

62 100

98 0.7 5.0 7.6#

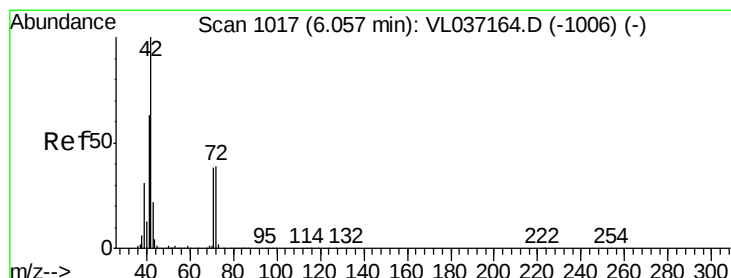
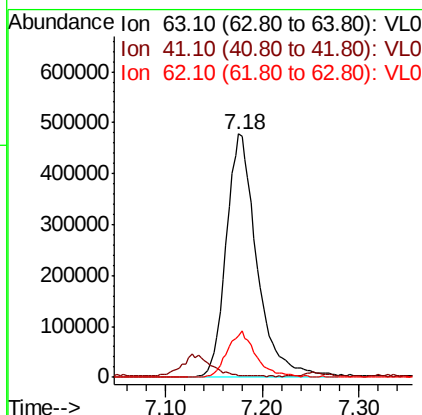
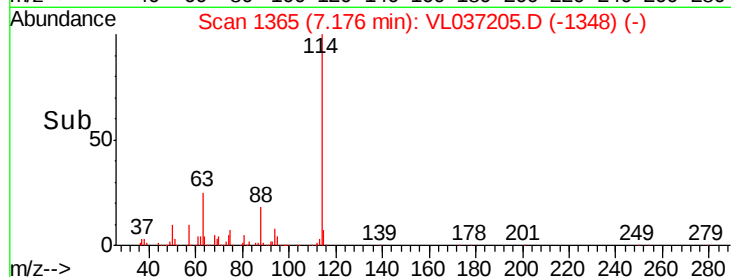
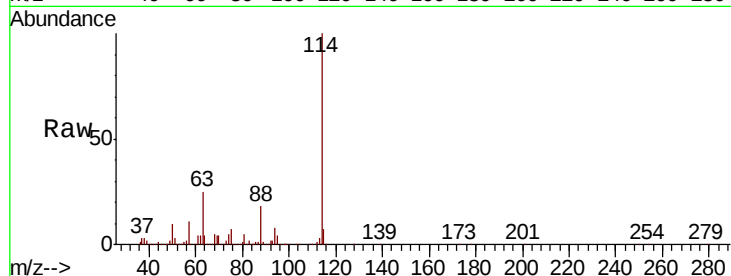




#39
 1,2-Dichloropropane
 Concen: 8.067 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.45 min
 Lab File: VL037205.D
 Acq: 17 Jun 2021 17:21

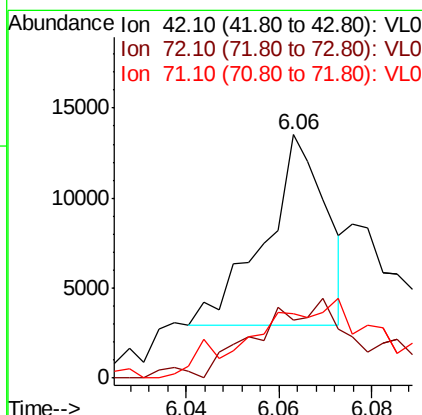
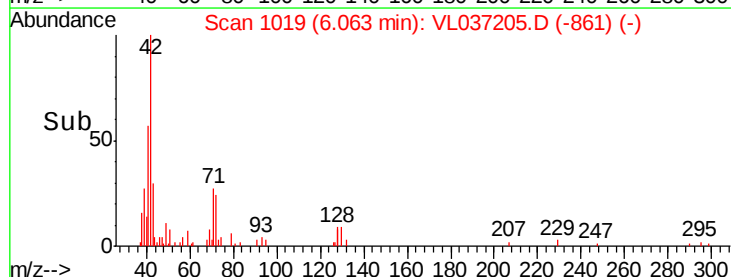
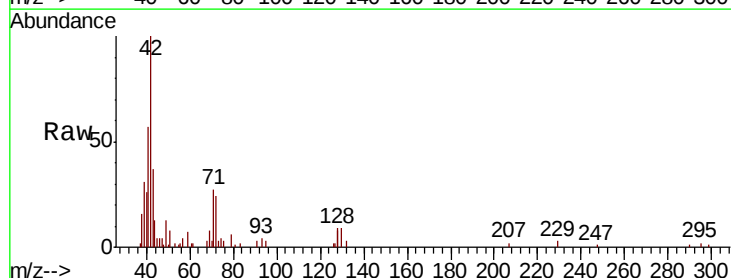
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-4DL

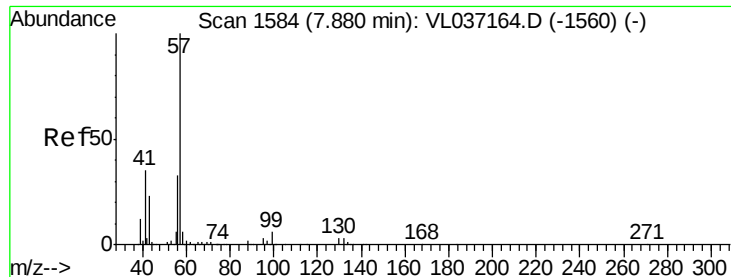
Tot Ion: 63 Resp: 1052261
 Ion Ratio Lower Upper
 63 100
 41 0.2 62.0 93.0#
 62 16.9 54.9 82.3#



#41
 Tetrahydrofuran
 Concen: 0.123 ppbv
 RT: 6.06 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VL037205.D
 Acq: 17 Jun 2021 17:21

Tgt Ion: 42 Resp: 9655
 Ion Ratio Lower Upper
 42 100
 72 92.0 33.0 49.4#
 71 102.9 31.0 46.6#

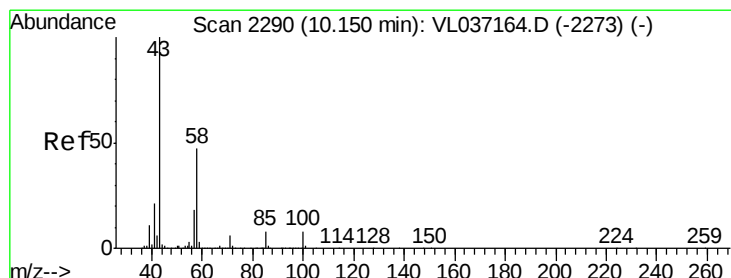
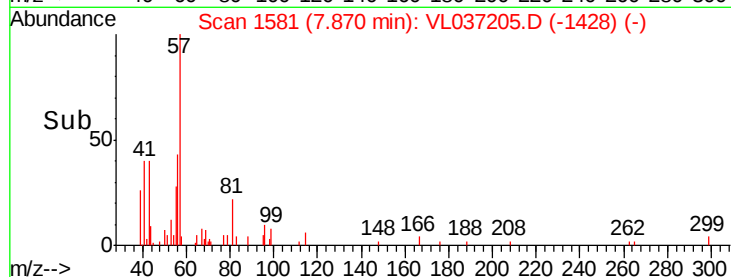
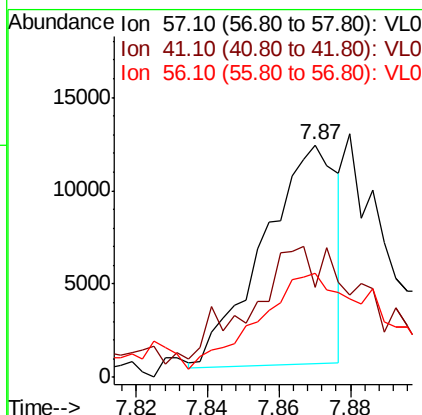
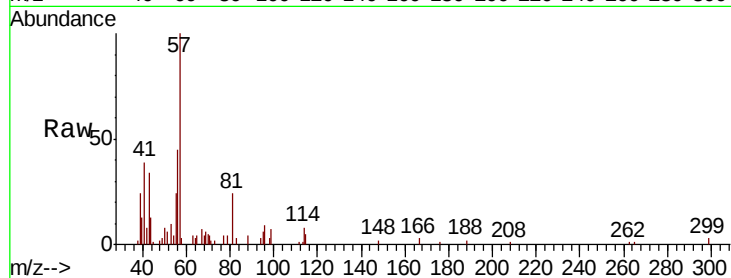




#44
 2,2,4-Trimethylpentane
 Concen: 0.028 ppbv
 RT: 7.87 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: VL037205.D
 Acq: 17 Jun 2021 17:21

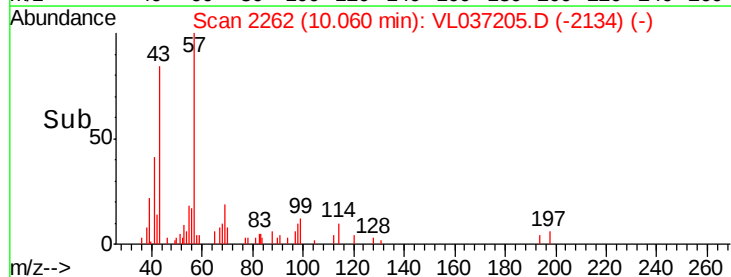
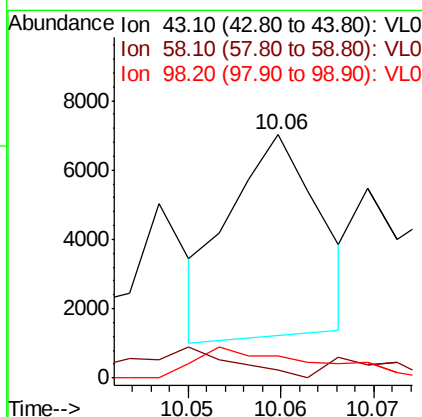
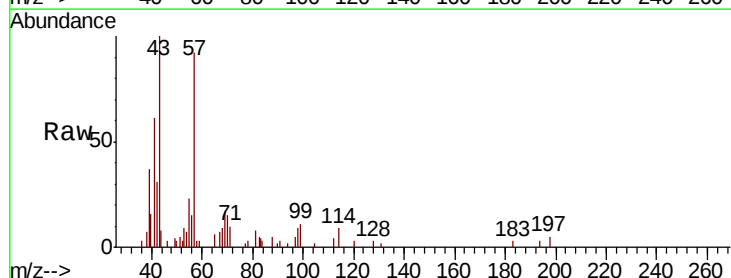
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-4DL

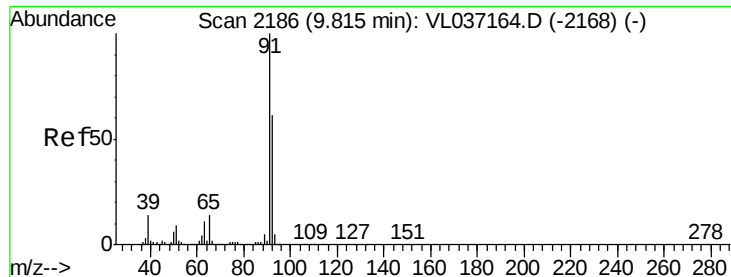
Tot Ion: 57 Resp: 16710
 Ion Ratio Lower Upper
 57 100
 41 124.5 27.6 41.4#
 56 83.4 25.3 37.9#



#51
 2-Hexanone
 Concen: 0.035 ppbv
 RT: 10.06 min Scan# 2262
 Delta R.T. -0.09 min
 Lab File: VL037205.D
 Acq: 17 Jun 2021 17:21

Tgt Ion: 43 Resp: 3901
 Ion Ratio Lower Upper
 43 100
 58 0.0 38.4 57.6#
 98 24.1 0.3 0.5#





#53

Toluene

Concen: 0.815 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. -0.01 min

Lab File: VL037205.D

Acq: 17 Jun 2021 17:21

Instrument :

MSVOA_L

ClientSampleId :

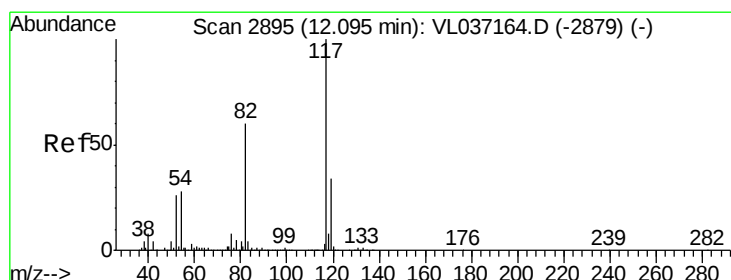
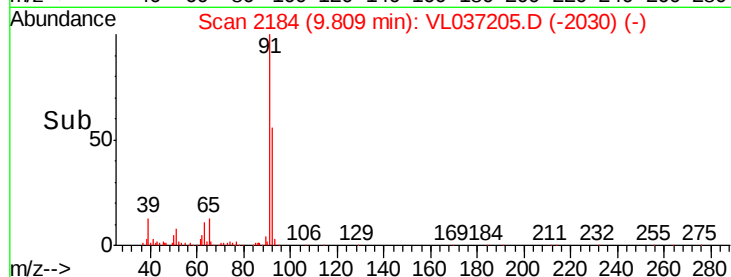
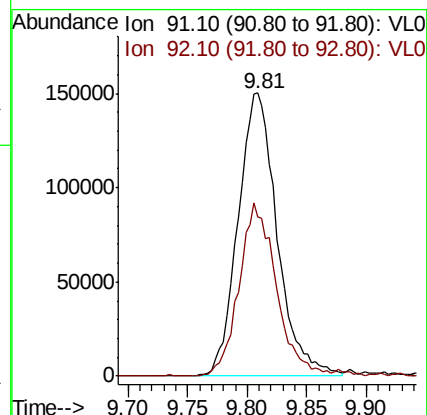
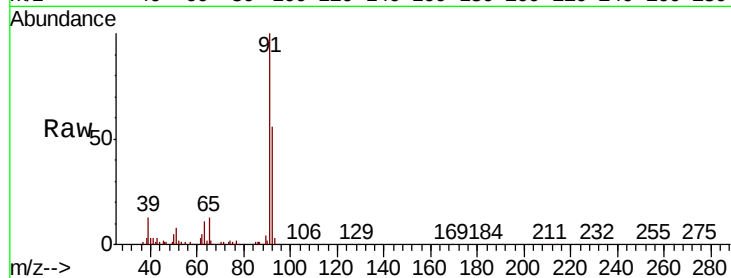
IA-BEDROOM-4DL

Tot Ion: 91 Resp: 341846

Ion Ratio Lower Upper

91 100

92 59.7 48.3 72.5



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: VL037205.D

Acq: 17 Jun 2021 17:21

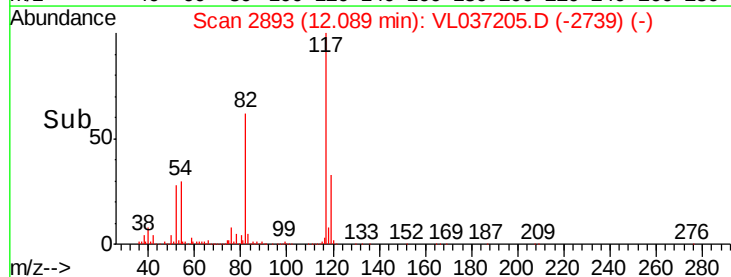
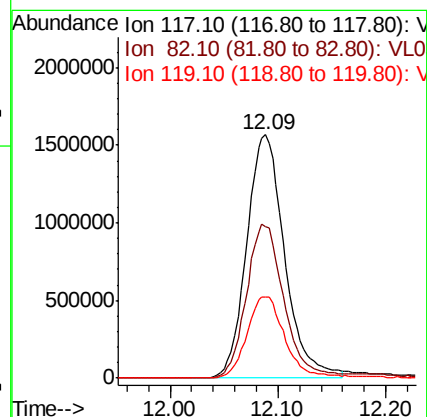
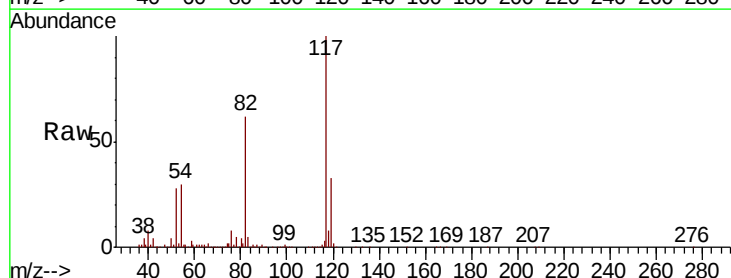
Tgt Ion: 117 Resp: 3831041

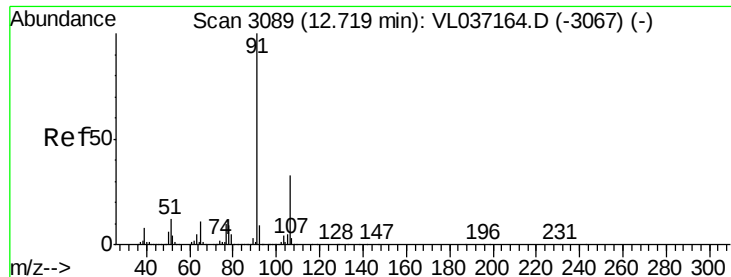
Ion Ratio Lower Upper

117 100

82 66.1 51.7 77.5

119 34.5 47.6 71.4#





#58

Ethyl Benzene

Concen: 0.074 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. -0.01 min

Lab File: VL037205.D

Acq: 17 Jun 2021 17:21

Instrument :

MSVOA_L

ClientSampleId :

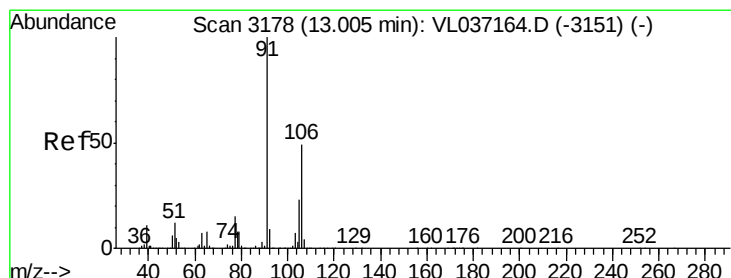
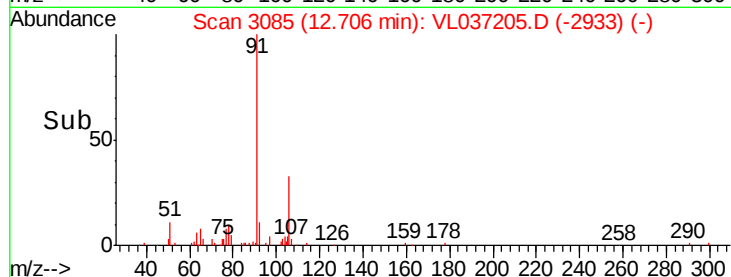
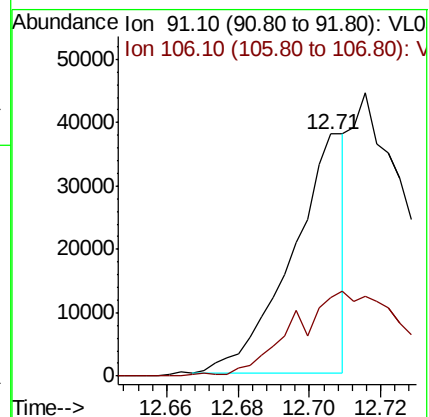
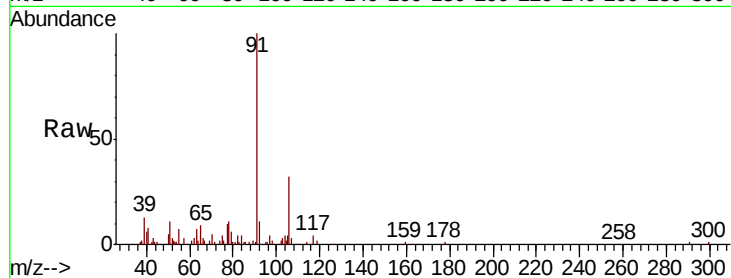
IA-BEDROOM-4DL

Tot Ion: 91 Resp: 39123

Ion Ratio Lower Upper

91 100

106 31.9 26.3 39.5



#59

m/p-Xylene

Concen: 0.244 ppbv

RT: 12.99 min Scan# 3172

Delta R.T. -0.02 min

Lab File: VL037205.D

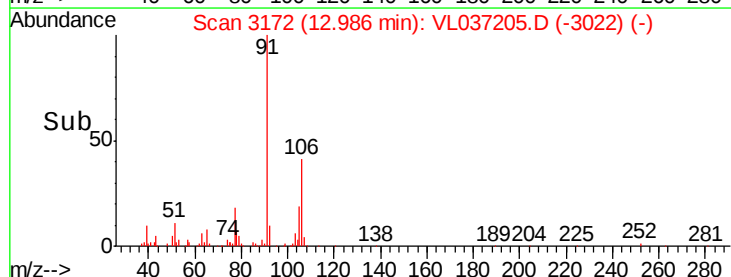
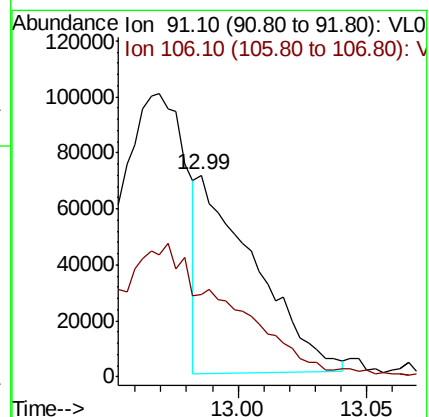
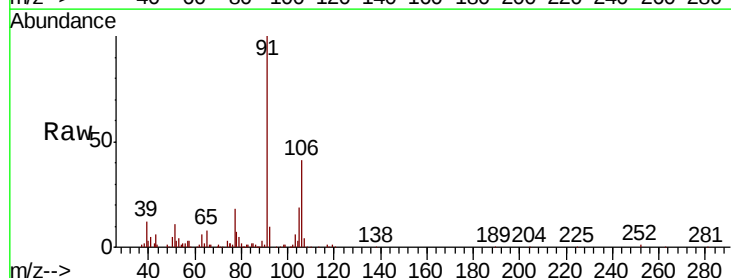
Acq: 17 Jun 2021 17:21

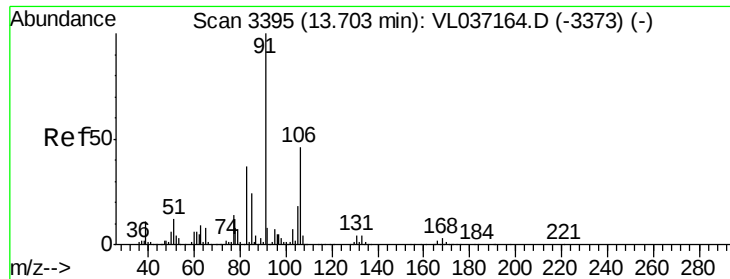
Tgt Ion: 91 Resp: 108888

Ion Ratio Lower Upper

91 100

106 0.0 37.0 55.4#

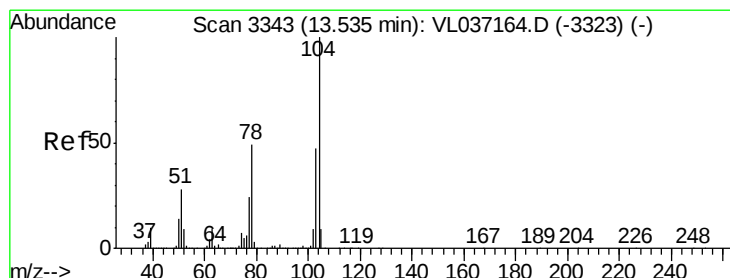
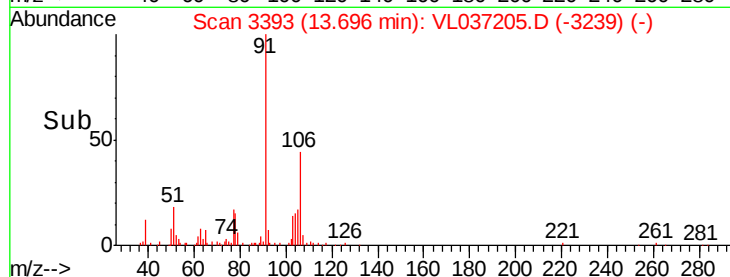
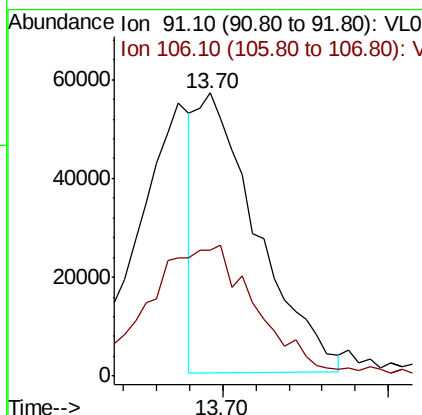
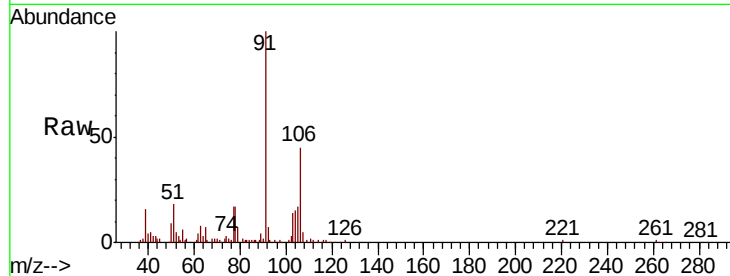




#60
o-Xylene
Concen: 0.169 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL037205.D
Acq: 17 Jun 2021 17:21

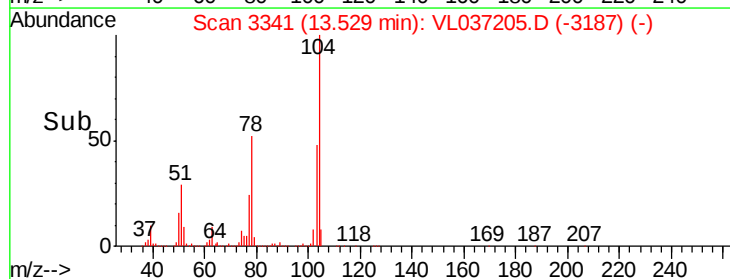
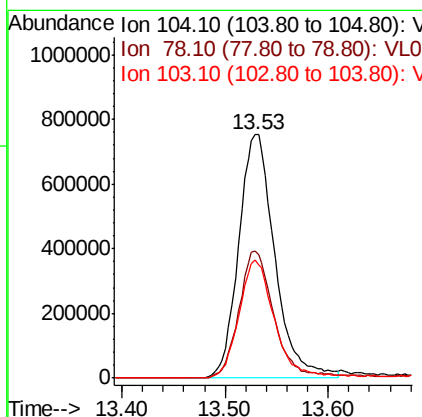
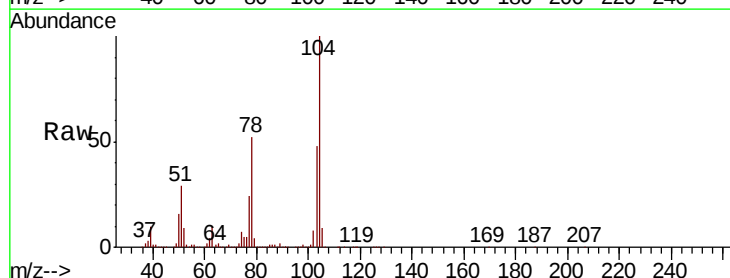
Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-4DL

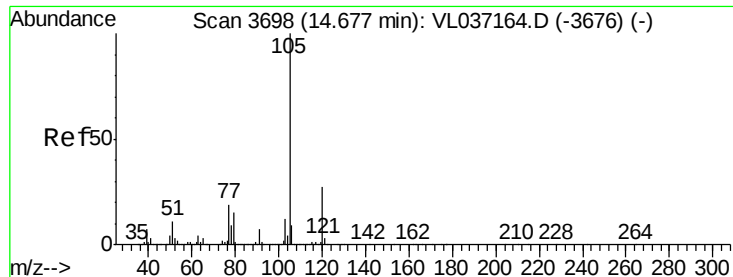
Tot Ion: 91 Resp: 71845
Ion Ratio Lower Upper
91 100
106 88.3 23.0 69.0#



#61
Styrene
Concen: 8.359 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL037205.D
Acq: 17 Jun 2021 17:21

Tgt Ion:104 Resp: 1836007
Ion Ratio Lower Upper
104 100
78 51.5 39.7 59.5
103 48.4 37.6 56.4





#62

Isopropylbenzene

Concen: 0.034 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VL037205.D

Acq: 17 Jun 2021 17:21

Instrument :

MSVOA_L

ClientSampleId :

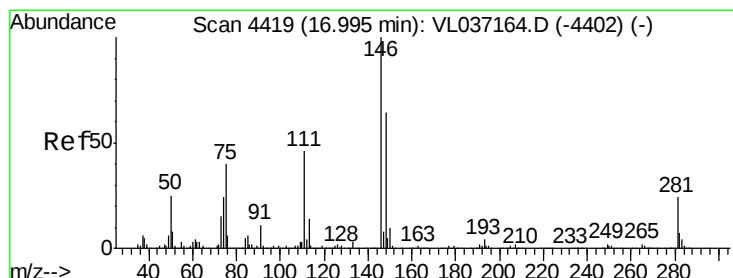
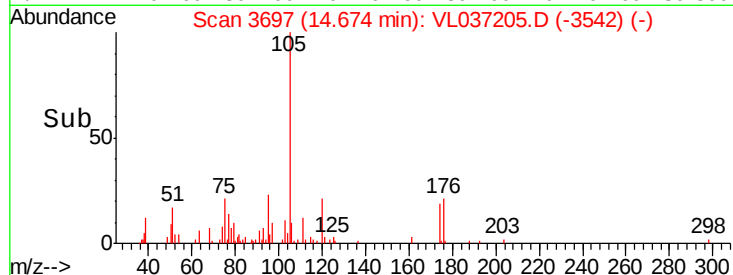
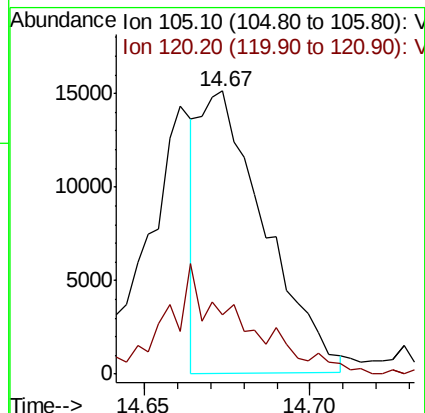
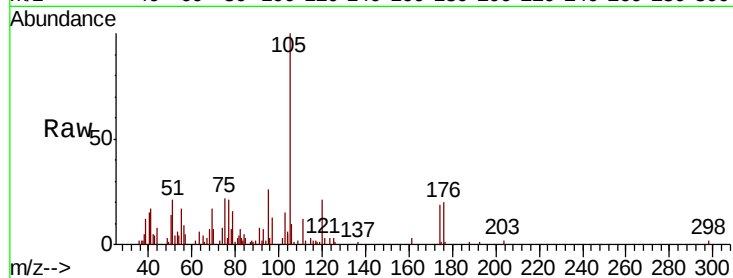
IA-BEDROOM-4DL

Tot Ion:105 Resp: 20618

Ion Ratio Lower Upper

105 100

120 0.0 21.6 32.4#



#66

Benzyl Chloride

Concen: 0.031 ppbv

RT: 16.98 min Scan# 4413

Delta R.T. -0.02 min

Lab File: VL037205.D

Acq: 17 Jun 2021 17:21

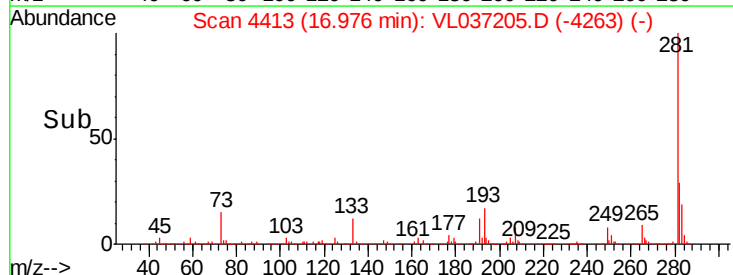
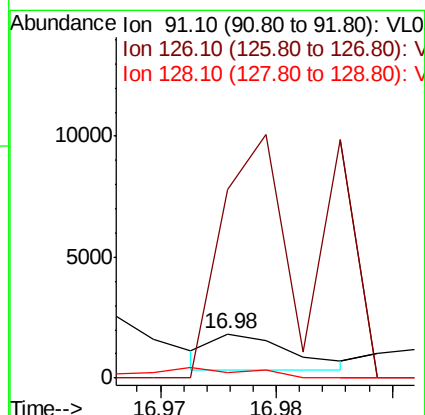
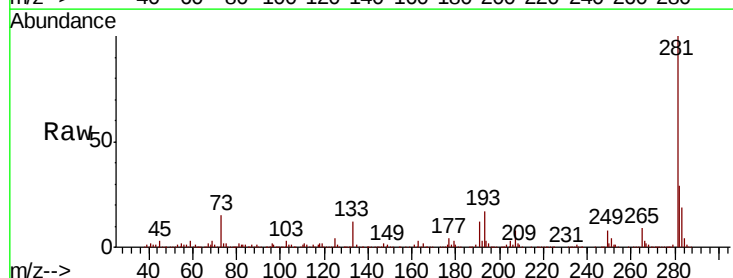
Tgt Ion: 91 Resp: 703

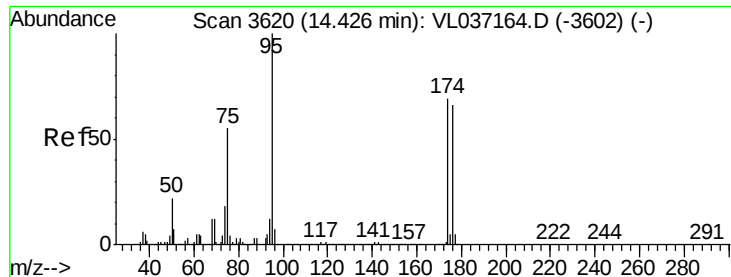
Ion Ratio Lower Upper

91 100

126 791.2 15.5 23.3#

128 0.0 5.7 8.5#

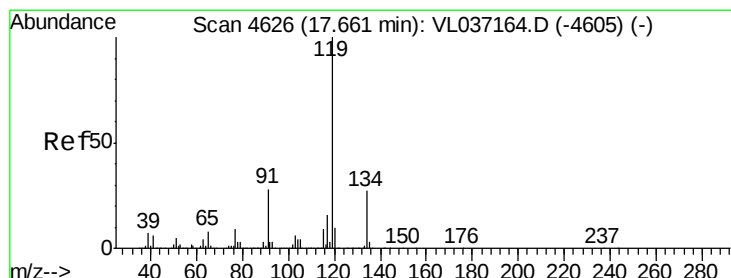
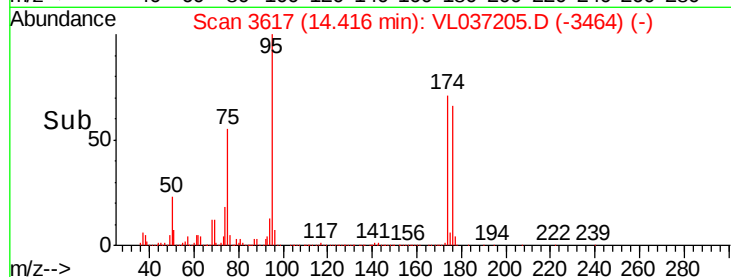
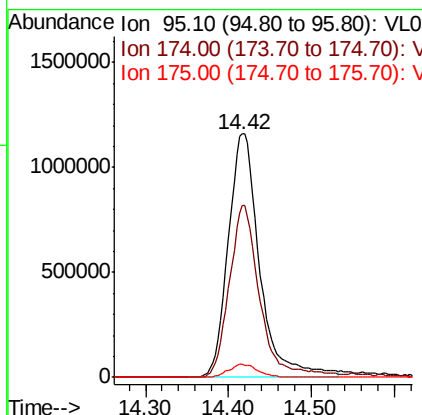
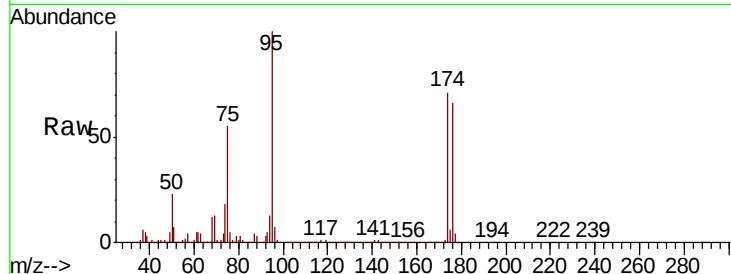




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.532 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL037205.D
 Acq: 17 Jun 2021 17:21

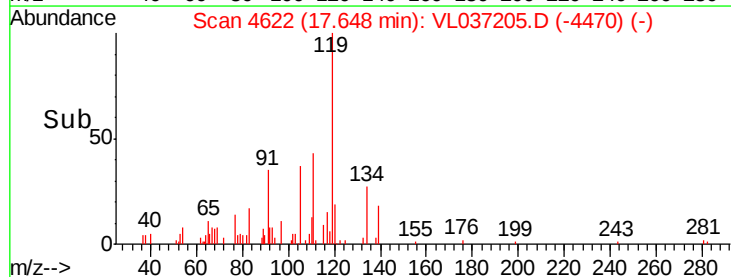
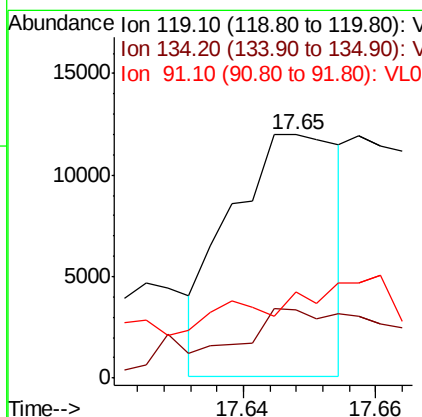
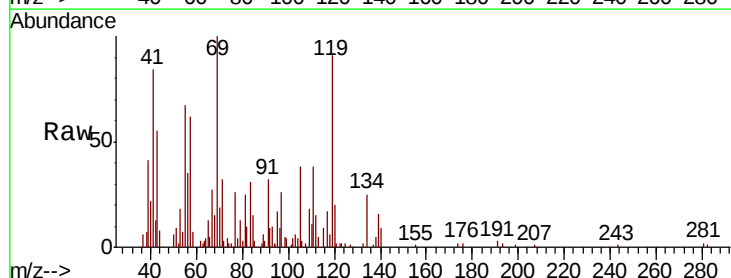
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-4DL

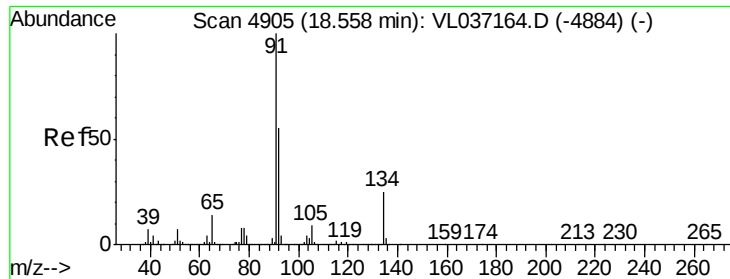
Tot Ion: 95 Resp: 3057541
 Ion Ratio Lower Upper
 95 100
 174 70.7 57.0 85.4
 175 5.2 4.4 6.6



#69
 p-Isopropyltoluene
 Concen: 0.023 ppbv
 RT: 17.65 min Scan# 4622
 Delta R.T. -0.01 min
 Lab File: VL037205.D
 Acq: 17 Jun 2021 17:21

Tgt Ion: 119 Resp: 13619
 Ion Ratio Lower Upper
 119 100
 134 64.3 20.9 31.3#
 91 0.0 22.6 34.0#

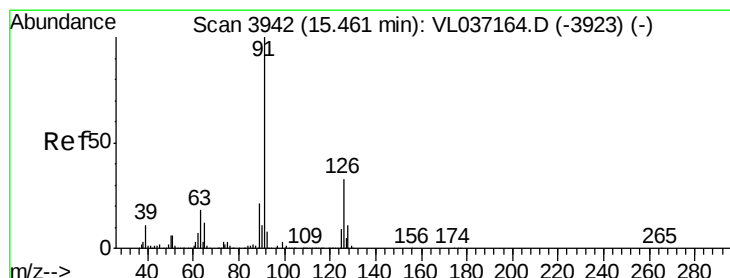
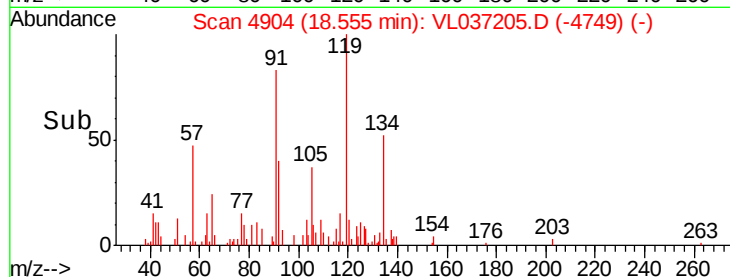
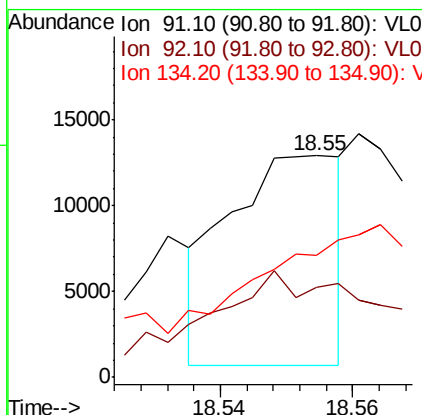
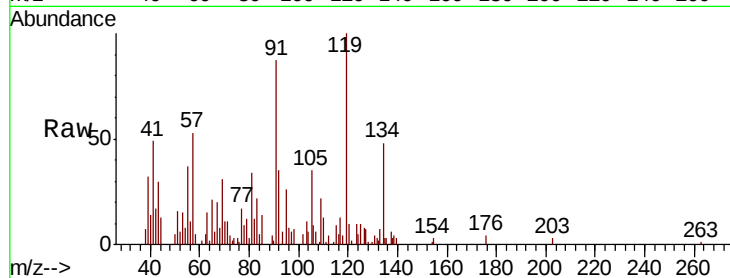




#70
n-Butylbenzene
Concen: 0.026 ppbv
RT: 18.55 min Scan# 4904
Delta R.T. -0.00 min
Lab File: VL037205.D
Acq: 17 Jun 2021 17:21

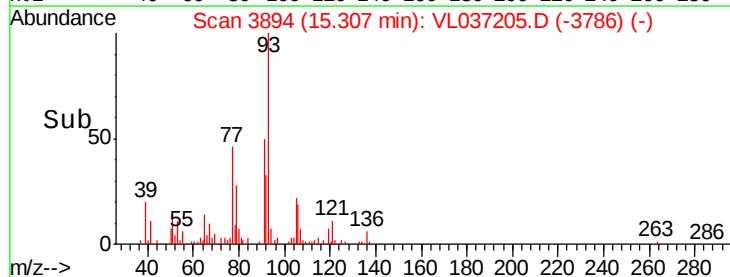
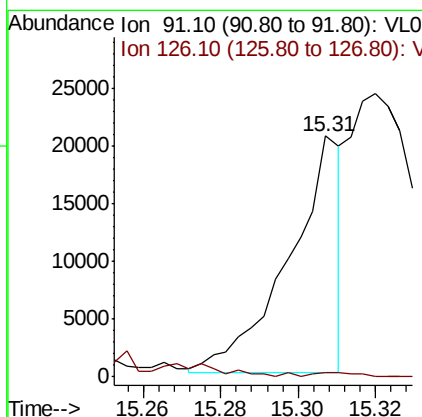
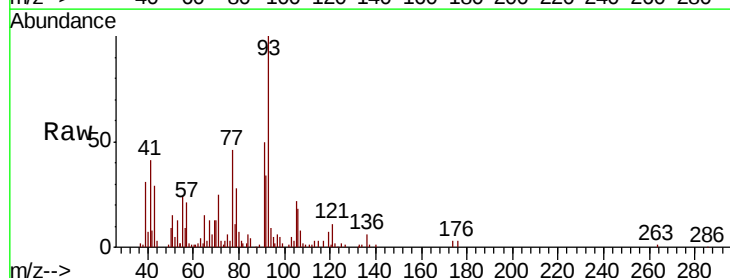
Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-4DL

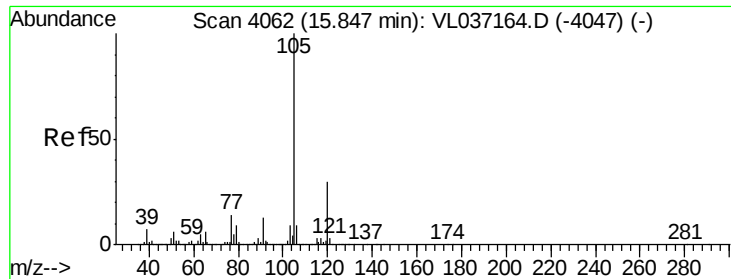
Tot Ion: 91 Resp: 14435
Ion Ratio Lower Upper
91 100
92 97.0 44.0 66.0#
134 0.0 20.2 30.4#



#71
2-Chlorotoluene
Concen: 0.046 ppbv
RT: 15.31 min Scan# 3894
Delta R.T. -0.15 min
Lab File: VL037205.D
Acq: 17 Jun 2021 17:21

Tgt Ion: 91 Resp: 19258
Ion Ratio Lower Upper
91 100
126 31.8 13.5 54.1





#72

4-Ethyltoluene

Concen: 0.093 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. -0.00 min

Lab File: VL037205.D

Acq: 17 Jun 2021 17:21

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-4DL

Tot Ion:105 Resp: 45058

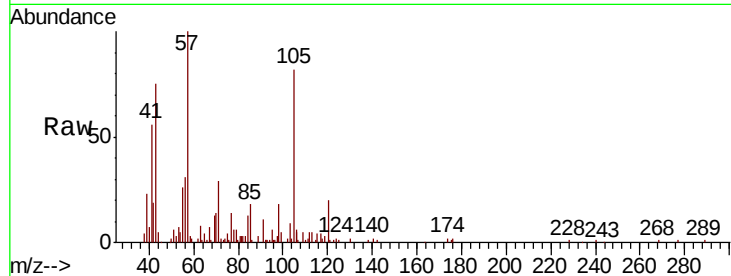
Ion Ratio Lower Upper

105 100

120 52.2 24.7 37.1#

91 23.1 10.2 15.4#

77 30.6 11.0 16.6#

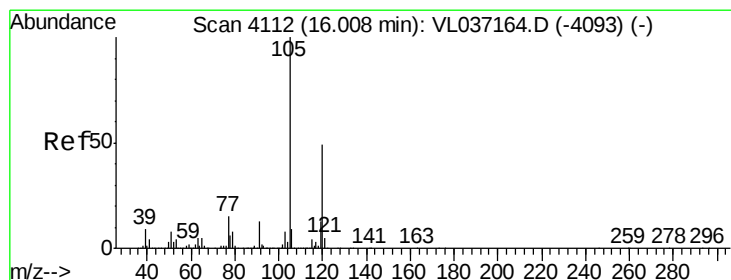
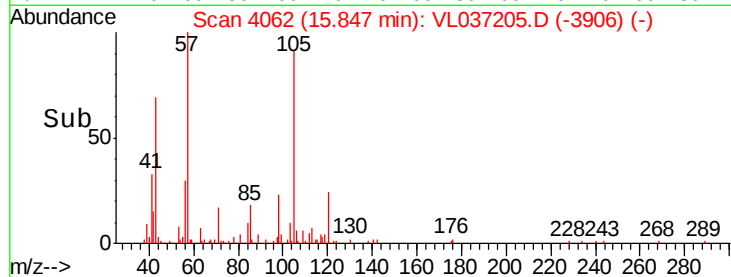
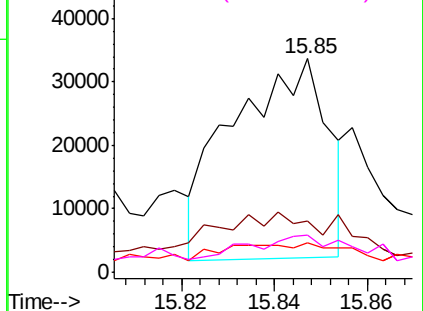


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 0.110 ppbv

RT: 16.00 min Scan# 4108

Delta R.T. -0.01 min

Lab File: VL037205.D

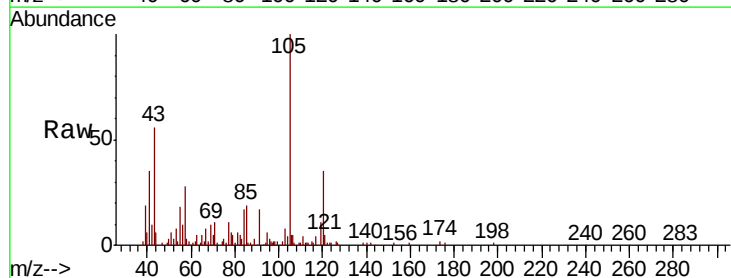
Acq: 17 Jun 2021 17:21

Tgt Ion:105 Resp: 51238

Ion Ratio Lower Upper

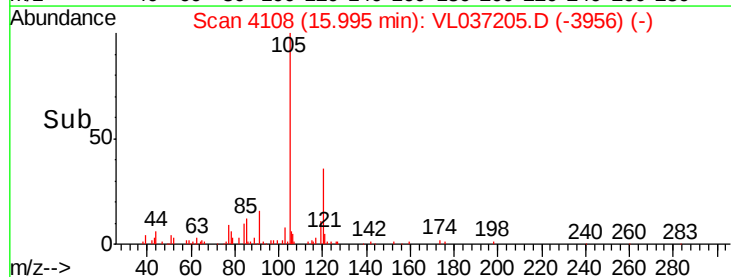
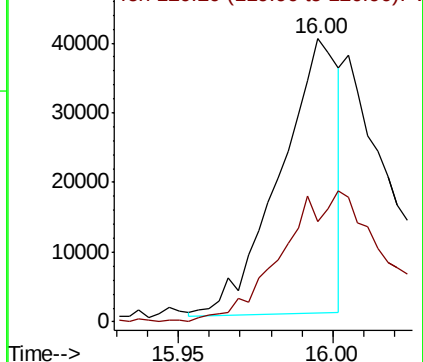
105 100

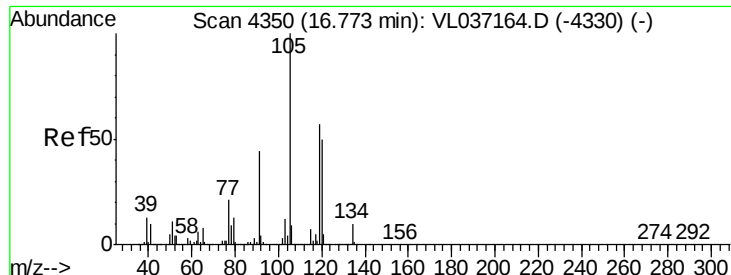
120 36.6 39.4 59.2#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74
 1,2,4-Trimethylbenzene
 Concen: 0.545 ppbv
 RT: 16.76 min Scan# 4346
 Delta R.T. -0.01 min
 Lab File: VL037205.D
 Acq: 17 Jun 2021 17:21

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-4DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	37.7	39.8	59.8#
91	11.2	37.0	55.4#
77	15.6	17.0	25.4#

