

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037186.D
 Acq On : 17 Jun 2021 1:30
 Operator : SY/AP
 Sample : M2721-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-1

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:38:30 PM

Quant Time: Jun 17 15:55:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 17 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	5.66	49	1563129	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4609919	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4159495	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3270834	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	61541	0.226	ppbv	99
4) Chloromethane	3.14	50	54661	0.540	ppbv	95
10) Heptane	8.12	43	78941	0.335	ppbv	97
11) Trichlorofluoromethane	3.95	101	55446	0.191	ppbv	96
13) Ethanol	3.61	45	3250472	216.212	ppbv	47
15) Acetone	3.84	43	3884629m	22.038	ppbv	
17) tert-Butyl alcohol	4.30	59	761372	4.673	ppbv	96
19) Isopropyl Alcohol	3.98	45	791457	7.413	ppbv #	1
20) Methylene Chloride	4.34	84	917176	8.691	ppbv	98
25) Ethyl Acetate	5.67	43	5590120	14.649	ppbv	98
26) Hexane	5.69	57	2111896m	10.950	ppbv	
27) Carbon Disulfide	4.55	76	48550	0.257	ppbv #	76
30) Cyclohexane	7.13	84	383352	2.386	ppbv #	84
34) 2-Butanone	5.24	43	924057	5.154	ppbv	99
35) Carbon Tetrachloride	7.02	117	14056m	0.045	ppbv	
36) Benzene	6.89	78	53932	0.145	ppbv #	86
41) Tetrahydrofuran	6.06	42	63400	0.761	ppbv #	66
44) 2,2,4-Trimethylpentane	7.86	57	97958	0.156	ppbv #	66
53) Toluene	9.81	91	1070183	2.403	ppbv	98
58) Ethyl Benzene	12.71	91	449947	0.786	ppbv	94
59) m/p-Xylene	12.97	91	1359029	2.801	ppbv	98
60) o-Xylene	13.69	91	590404	1.278	ppbv	98
61) Styrene	13.53	104	6892715	28.904	ppbv	97
62) Isopropylbenzene	14.66	105	152901m	0.233	ppbv	
64) n-propylbenzene	15.57	120	73209	0.445	ppbv	79
65) tert-Butylbenzene	16.76	119	135722m	0.233	ppbv	
67) sec-Butylbenzene	17.30	105	110758	0.143	ppbv	95
69) p-Isopropyltoluene	17.66	119	144102m	0.220	ppbv	
70) n-Butylbenzene	18.55	91	222092m	0.366	ppbv	
72) 4-Ethyltoluene	15.84	105	336610	0.641	ppbv	97
73) 1,3,5-Trimethylbenzene	16.00	105	400147m	0.789	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	1153636	2.207	ppbv #	73
76) 1,4-Dichlorobenzene	17.13	146	61416	0.193	ppbv #	1

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

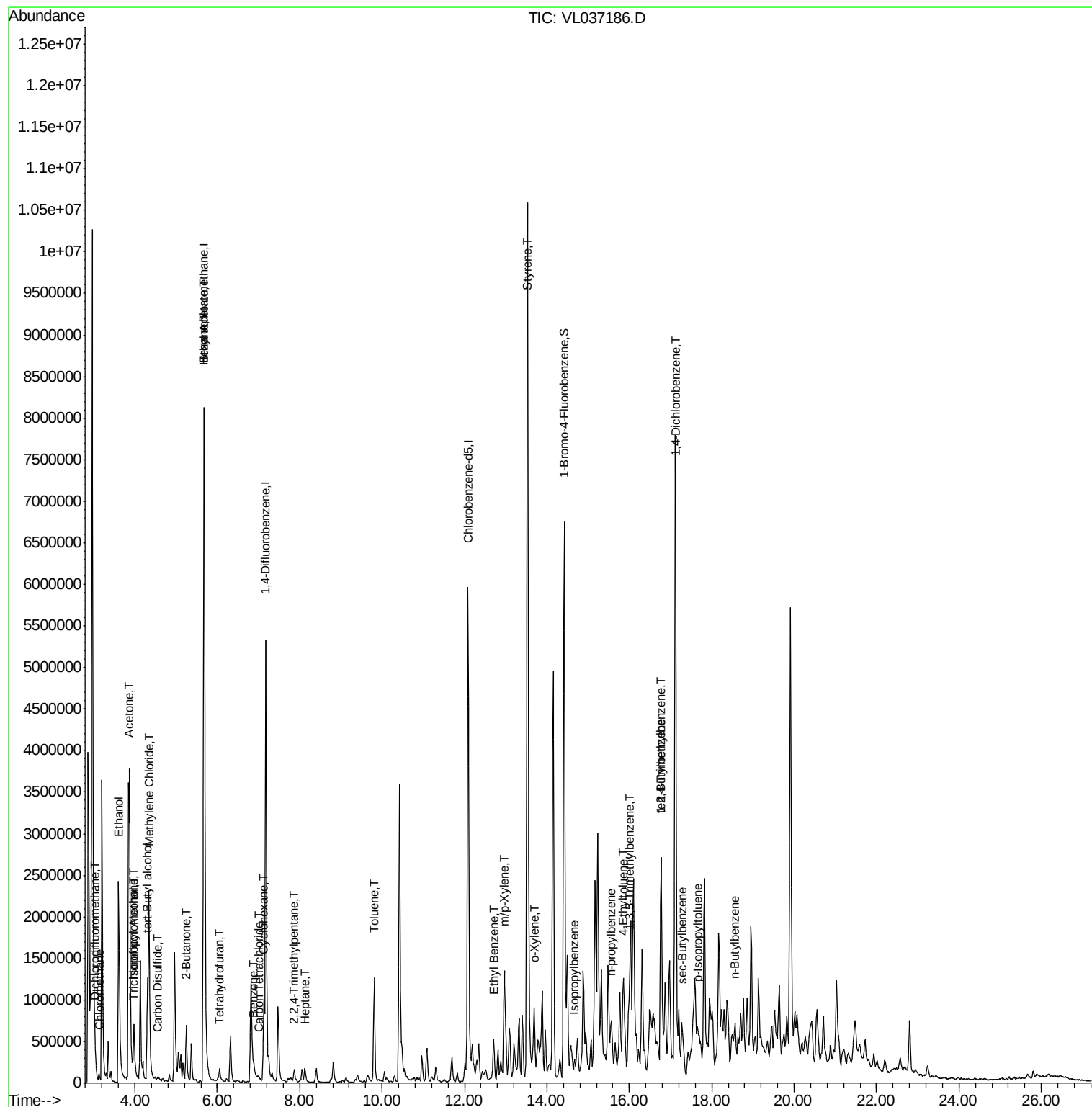
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL061621\
Data File : VL037186.D
Acq On : 17 Jun 2021 1:30
Operator : SY/AP
Sample : M2721-03
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

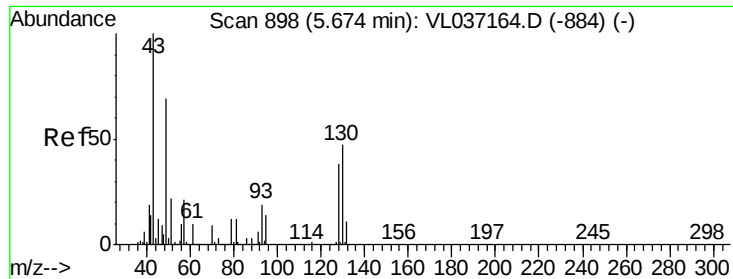
Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-1

Manual Integrations
APPROVED

MMDadoda
6/17/2021 5:38:30 PM

Quant Time: Jun 17 15:55:23 2021
Quant Method : Z:\V0ASRV\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: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL037186.D

Acq: 17 Jun 2021 1:30

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-1

Tot Ion: 49 Resp: 1563129

Ion Ratio Lower Upper

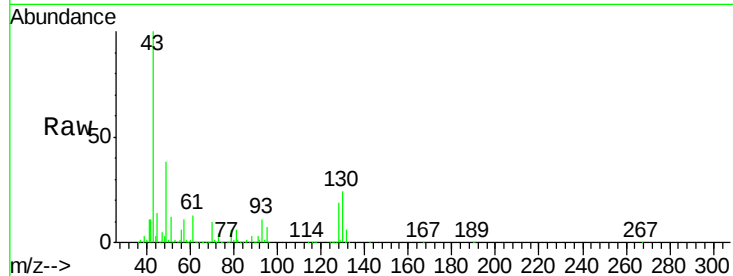
49 100

128 54.0 29.3 88.0

130 69.4 35.9 107.8

Manual Integrations
APPROVED

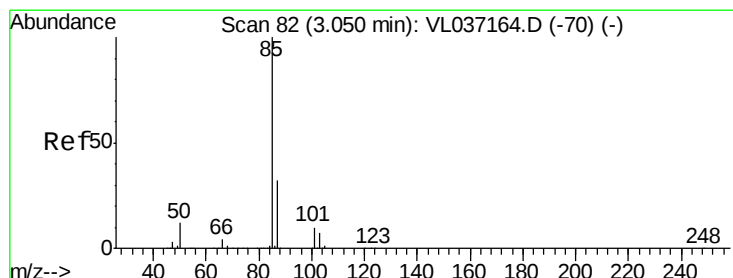
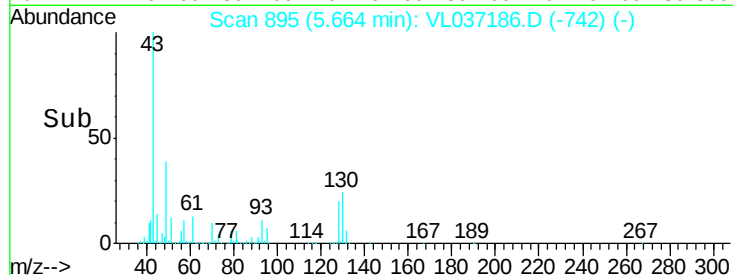
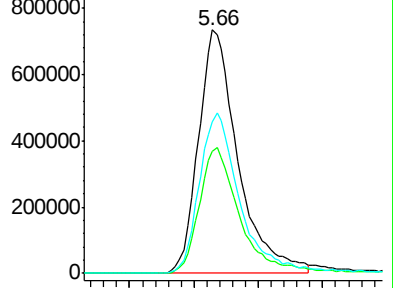
MMDadoda
6/17/2021 5:38:30 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.226 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL037186.D

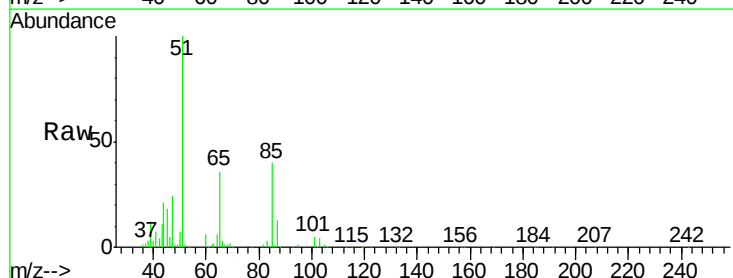
Acq: 17 Jun 2021 1:30

Tgt Ion: 85 Resp: 61541

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

Ion 89.00 (88.70 to 89.70): VL0

Ion 91.00 (90.70 to 91.70): VL0

Ion 93.00 (92.70 to 93.70): VL0

Ion 95.00 (94.70 to 95.70): VL0

Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 101.00 (100.70 to 101.70): VL0

Ion 103.00 (102.70 to 103.70): VL0

Ion 105.00 (104.70 to 105.70): VL0

Ion 107.00 (106.70 to 107.70): VL0

Ion 109.00 (108.70 to 109.70): VL0

Ion 111.00 (110.70 to 111.70): VL0

Ion 113.00 (112.70 to 113.70): VL0

Ion 115.00 (114.70 to 115.70): VL0

Ion 117.00 (116.70 to 117.70): VL0

Ion 119.00 (118.70 to 119.70): VL0

Ion 121.00 (120.70 to 121.70): VL0

Ion 123.00 (122.70 to 123.70): VL0

Ion 125.00 (124.70 to 125.70): VL0

Ion 127.00 (126.70 to 127.70): VL0

Ion 129.00 (128.70 to 129.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 133.00 (132.70 to 133.70): VL0

Ion 135.00 (134.70 to 135.70): VL0

Ion 137.00 (136.70 to 137.70): VL0

Ion 139.00 (138.70 to 139.70): VL0

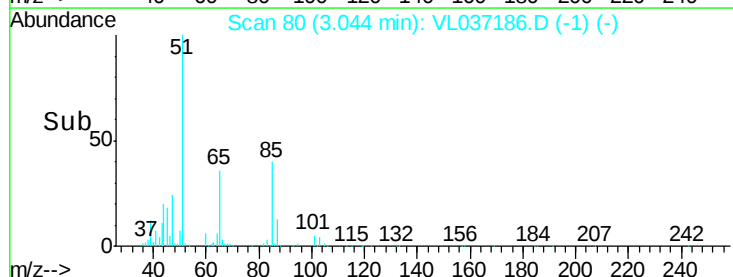
Ion 141.00 (140.70 to 141.70): VL0

Ion 143.00 (142.70 to 143.70): VL0

Ion 145.00 (144.70 to 145.70): VL0

Ion 147.00 (146.70 to 147.70): VL0

Ion 149.00 (148.70 to 149.70): VL0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

Ion 89.00 (88.70 to 89.70): VL0

Ion 91.00 (90.70 to 91.70): VL0

Ion 93.00 (92.70 to 93.70): VL0

Ion 95.00 (94.70 to 95.70): VL0

Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 101.00 (100.70 to 101.70): VL0

Ion 103.00 (102.70 to 103.70): VL0

Ion 105.00 (104.70 to 105.70): VL0

Ion 107.00 (106.70 to 107.70): VL0

Ion 109.00 (108.70 to 109.70): VL0

Ion 111.00 (110.70 to 111.70): VL0

Ion 113.00 (112.70 to 113.70): VL0

Ion 115.00 (114.70 to 115.70): VL0

Ion 117.00 (116.70 to 117.70): VL0

Ion 119.00 (118.70 to 119.70): VL0

Ion 121.00 (120.70 to 121.70): VL0

Ion 123.00 (122.70 to 123.70): VL0

Ion 125.00 (124.70 to 125.70): VL0

Ion 127.00 (126.70 to 127.70): VL0

Ion 129.00 (128.70 to 129.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 133.00 (132.70 to 133.70): VL0

Ion 135.00 (134.70 to 135.70): VL0

Ion 137.00 (136.70 to 137.70): VL0

Ion 139.00 (138.70 to 139.70): VL0

Ion 141.00 (140.70 to 141.70): VL0

Ion 143.00 (142.70 to 143.70): VL0

Ion 145.00 (144.70 to 145.70): VL0

Ion 147.00 (146.70 to 147.70): VL0

Ion 149.00 (148.70 to 149.70): VL0

Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

Ion 89.00 (88.70 to 89.70): VL0

Ion 91.00 (90.70 to 91.70): VL0

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Ion 97.00 (96.70 to 97.70): VL0

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Ion 109.00 (108.70 to 109.70): VL0

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Ion 115.00 (114.70 to 115.70): VL0

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Ion 147.00 (146.70 to 147.70): VL0

Ion 149.00 (148.70 to 149.70): VL0

Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

Ion 89.00 (88.70 to 89.70): VL0

Ion 91.00 (90.70 to 91.70): VL0

Ion 93.00 (92.70 to 93.70): VL0

Ion 95.00 (94.70 to 95.70): VL0

Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 101.00 (100.70 to 101.70): VL0

Ion 103.00 (102.70 to 103.70): VL0

Ion 105.00 (104.70 to 105.70): VL0

Ion 107.00 (106.70 to 107.70): VL0

Ion 109.00 (108.70 to 109.70): VL0

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Ion 113.00 (112.70 to 113.70): VL0

Ion 115.00 (114.70 to 115.70): VL0

Ion 117.00 (116.70 to 117.70): VL0

Ion 119.00 (118.70 to 119.70): VL0

Ion 121.00 (120.70 to 121.70): VL0

Ion 123.00 (122.70 to 123.70): VL0

Ion 125.00 (124.70 to 125.70): VL0

Ion 127.00 (126.70 to 127.70): VL0

Ion 129.00 (128.70 to 129.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 133.00 (132.70 to 133.70): VL0

Ion 135.00 (134.70 to 135.70): VL0

Ion 137.00 (136.70 to 137.70): VL0

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Ion 141.00 (140.70 to 141.70): VL0

Ion 143.00 (142.70 to 143.70): VL0

Ion 145.00 (144.70 to 145.70): VL0

Ion 147.00 (146.70 to 147.70): VL0

Ion 149.00 (148.70 to 149.70): VL0

Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

Ion 89.00 (88.70 to 89.70): VL0

Ion 91.00 (90.70 to 91.70): VL0

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Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 101.00 (100.70 to 101.70): VL0

Ion 103.00 (102.70 to 103.70): VL0

Ion 105.00 (104.70 to 105.70): VL0

Ion 107.00 (106.70 to 107.70): VL0

Ion 109.00 (108.70 to 109.70): VL0

Ion 111.00 (110.70 to 111.70): VL0

Ion 113.00 (112.70 to 113.70): VL0

Ion 115.00 (114.70 to 115.70): VL0

Ion 117.00 (116.70 to 117.70): VL0

Ion 119.00 (118.70 to 119.70): VL0

Ion 121.00 (120.70 to 121.70): VL0

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Ion 127.00 (126.70 to 127.70): VL0

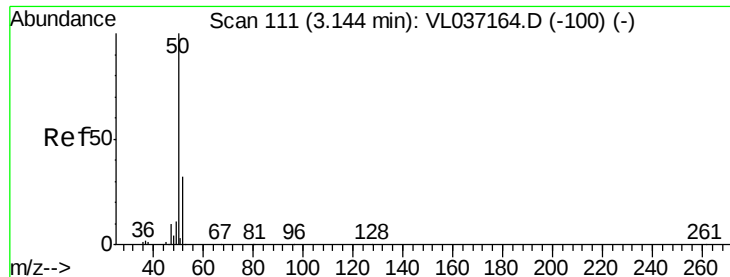
Ion 129.00 (128.70 to 129.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 133.00 (132.70 to 133.70): VL0

Ion 135.00 (134.70 to 135.70): VL0

Ion 137.00 (136.70 to 137.70): VL0



#4

Chloromethane

Concen: 0.540 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL037186.D

Acq: 17 Jun 2021 1:30

Instrument :

MSVOA_L

ClientSampled :

IA-BEDROOM-1

Tot Ion: 50 Resp: 54661

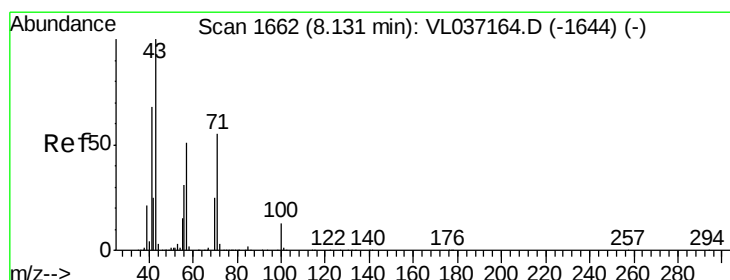
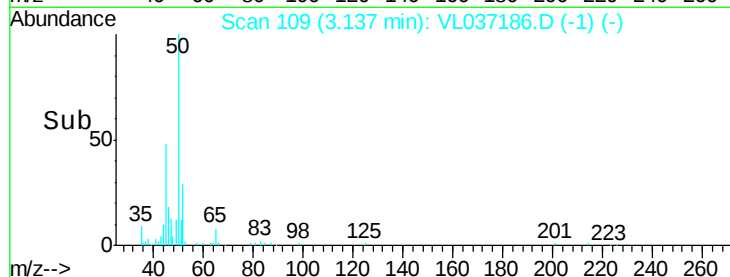
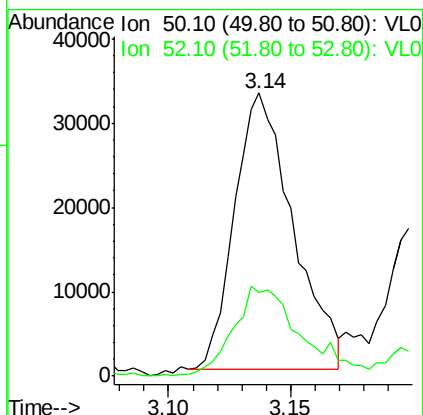
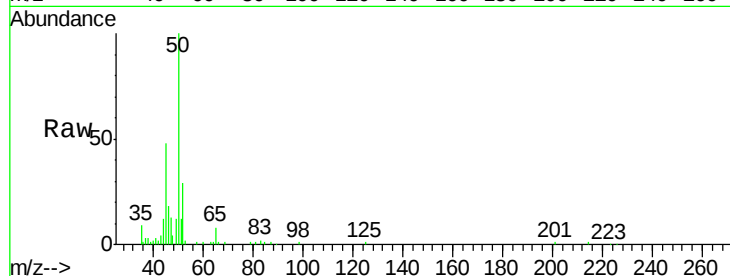
Ion Ratio Lower Upper

50 100

52 29.5 25.8 38.8

Manual Integrations
APPROVED

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#10

Heptane

Concen: 0.335 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL037186.D

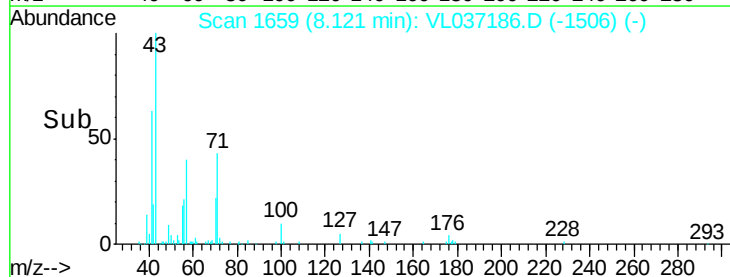
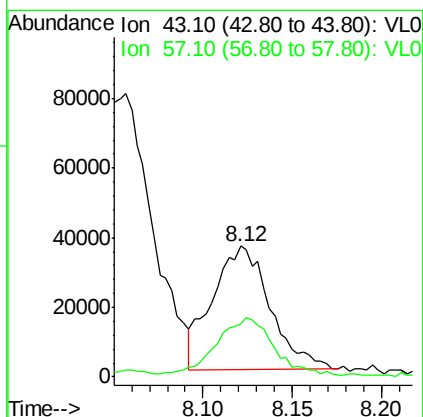
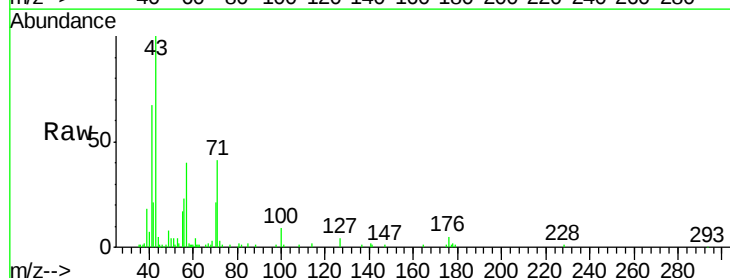
Acq: 17 Jun 2021 1:30

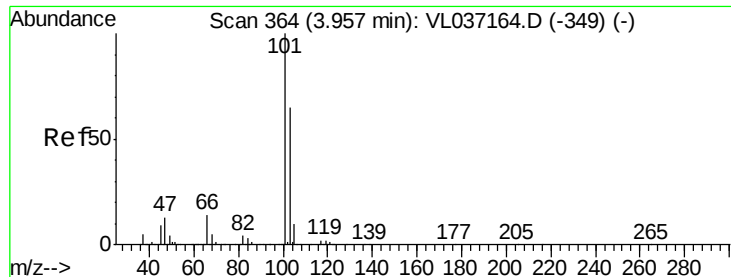
Tgt Ion: 43 Resp: 78941

Ion Ratio Lower Upper

43 100

57 52.9 40.6 61.0





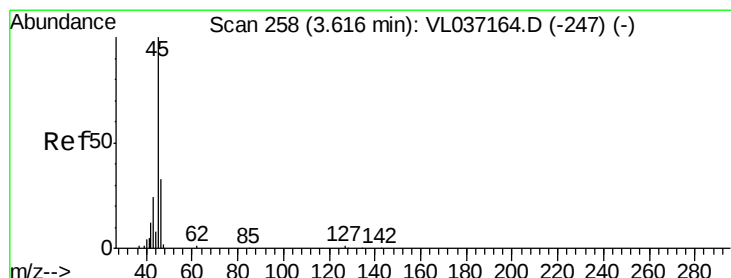
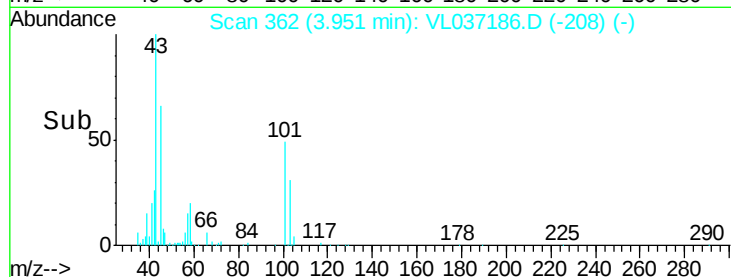
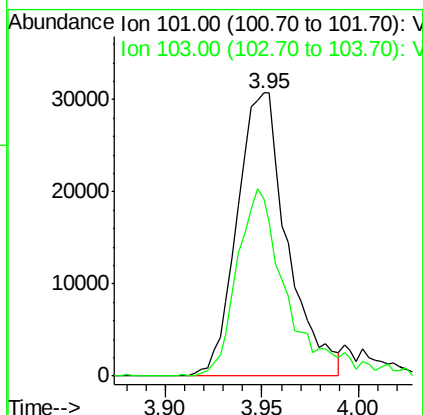
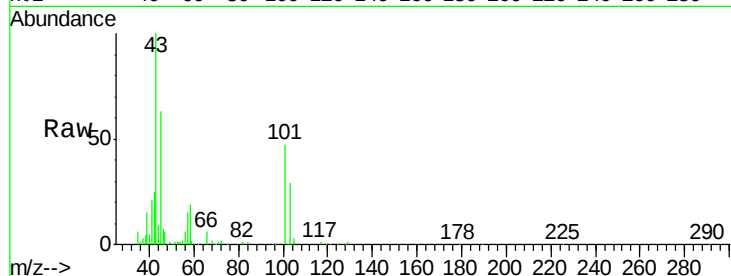
#11
Trichlorofluoromethane
Concen: 0.191 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.01 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-1

Tot Ion:101 Resp: 55446
Ion Ratio Lower Upper
101 100
103 62.5 52.2 78.4

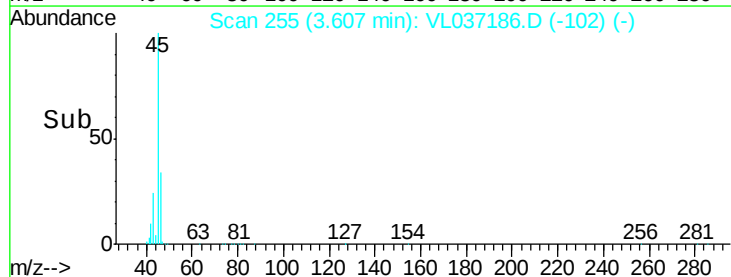
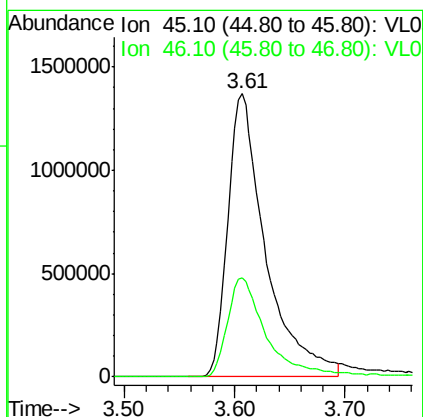
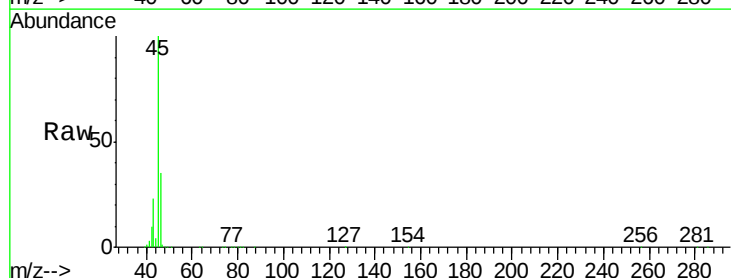
Manual Integrations
APPROVED

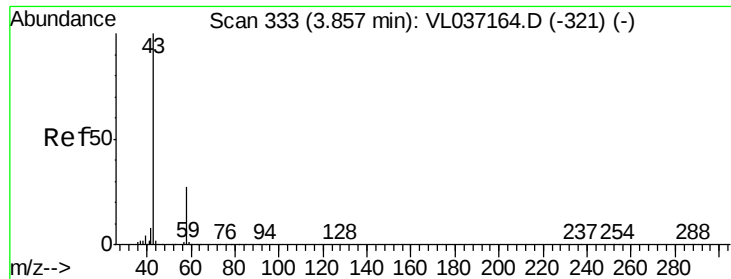
MMDadoda
6/17/2021 5:38:30 PM



#13
Ethanol
Concen: 216.212 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.01 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Tgt Ion: 45 Resp: 3250472
Ion Ratio Lower Upper
45 100
46 36.9 34.2 137.0





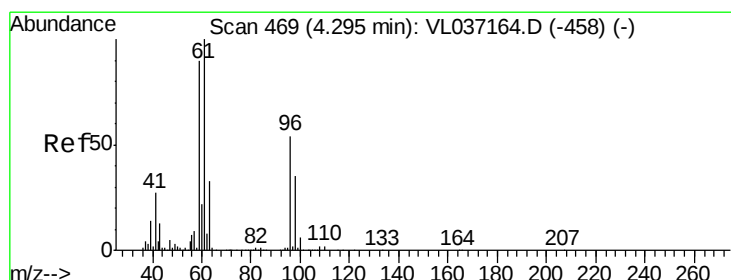
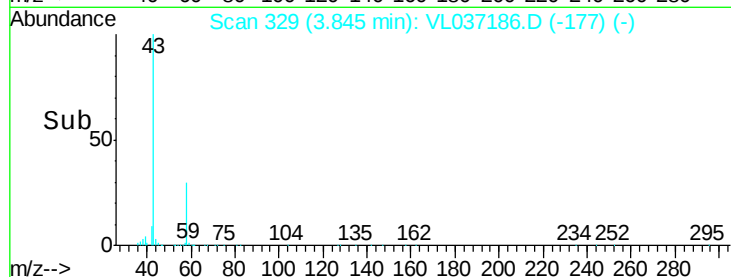
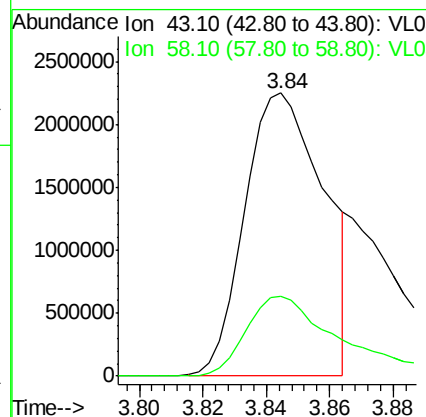
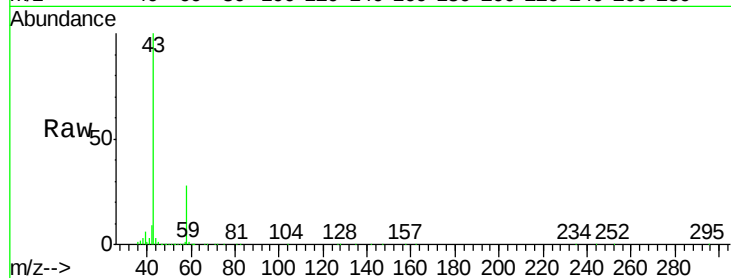
#15
Acetone
Concen: 22.038 ppbv m
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-1

Tot Ion: 43 Resp: 3884629
Ion Ratio Lower Upper
43 100
58 35.9 23.7 35.5#

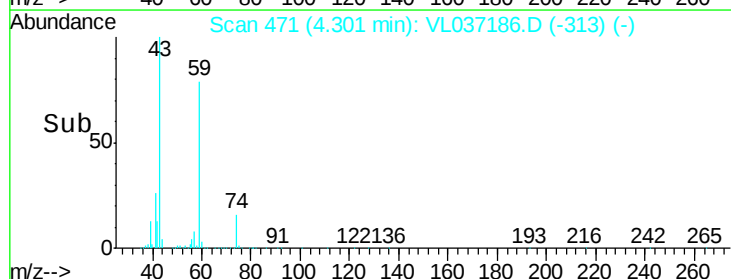
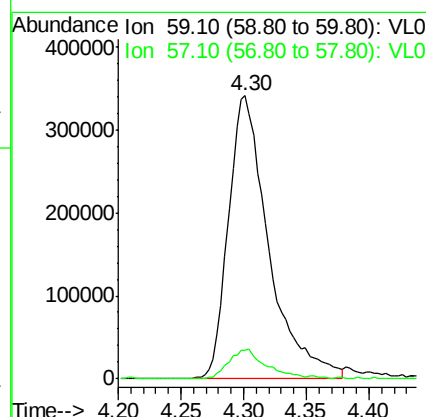
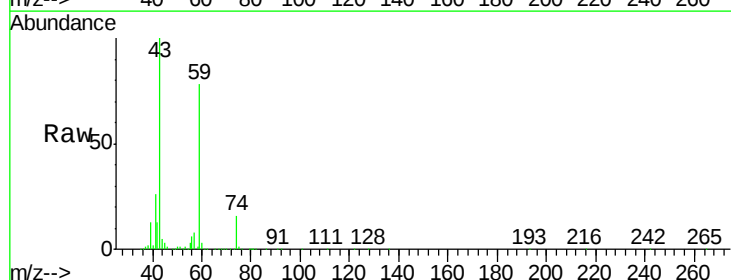
Manual Integrations
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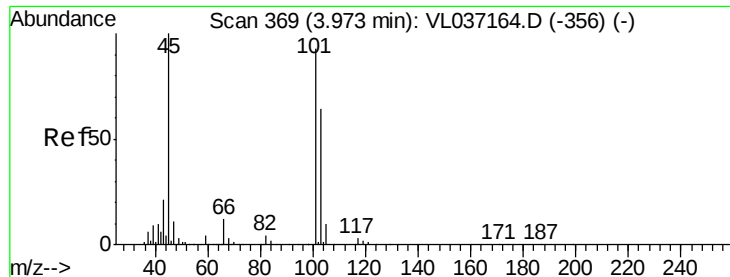
MMDadoda
6/17/2021 5:38:30 PM



#17
tert-Butyl alcohol
Concen: 4.673 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.01 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Tgt Ion: 59 Resp: 761372
Ion Ratio Lower Upper
59 100
57 9.6 8.8 13.2





#19

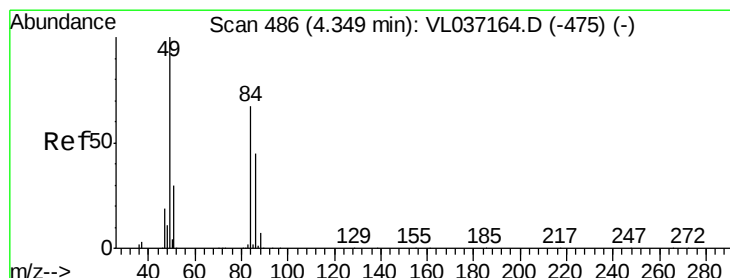
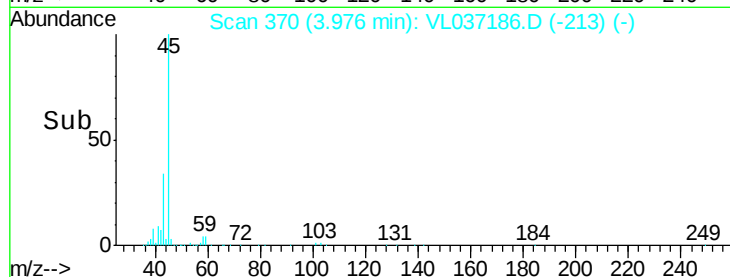
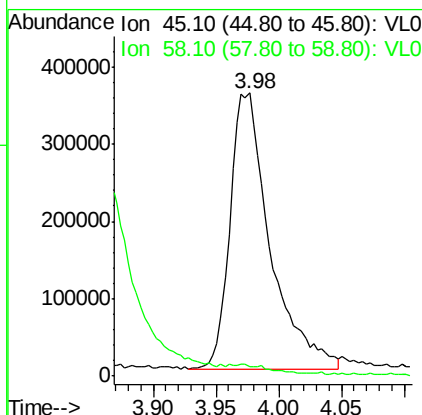
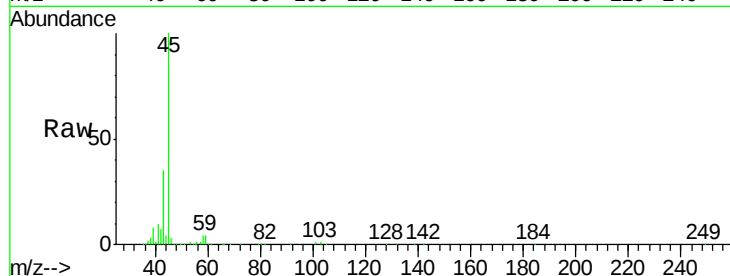
Isopropyl Alcohol
 Concen: 7.413 ppbv
 RT: 3.98 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VL037186.D
 Acq: 17 Jun 2021 1:30

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-1

Tot Ion	Ratio	Lower	Upper
45	100		
58	176.3	2.4	3.6#

Manual Integrations
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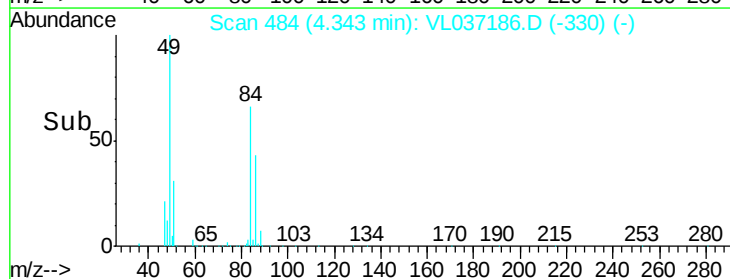
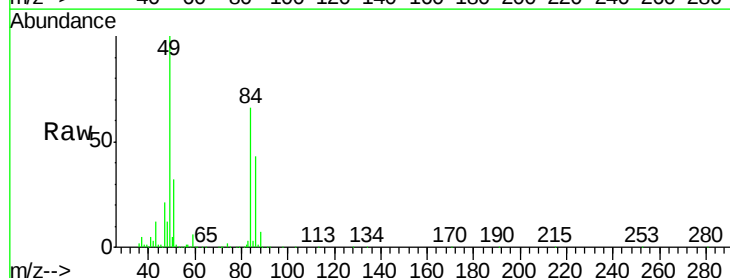
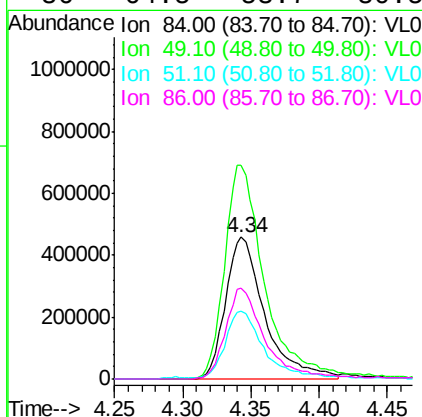
MMDadoda
 6/17/2021 5:38:30 PM

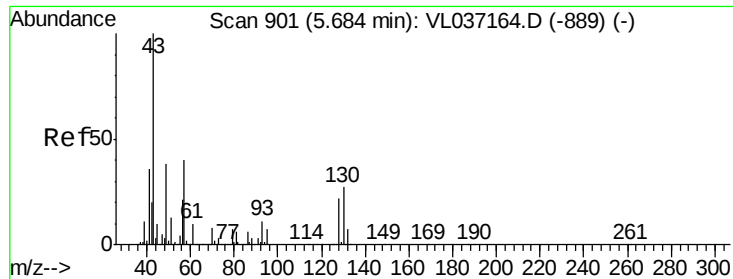


#20

Methylene Chloride
 Concen: 8.691 ppbv
 RT: 4.34 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: VL037186.D
 Acq: 17 Jun 2021 1:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	150.5	119.7	179.5
51	46.9	36.1	54.1
86	64.5	53.7	80.5





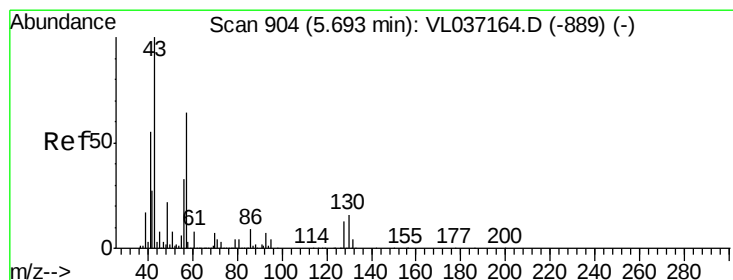
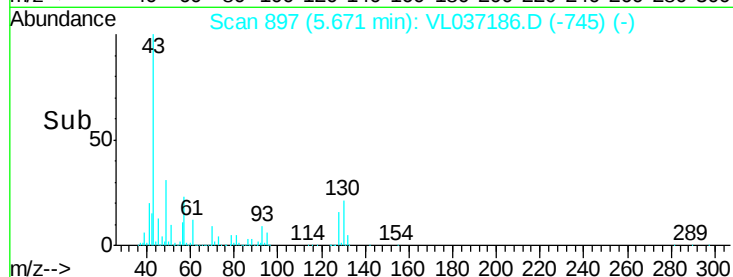
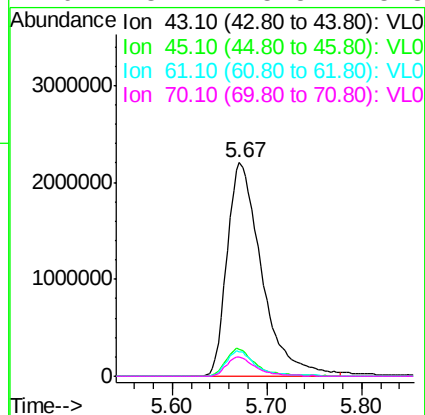
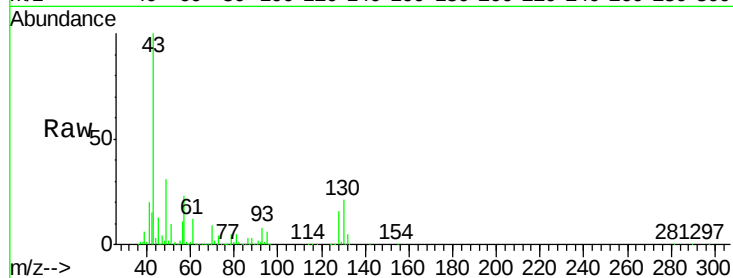
#25
Ethyl Acetate
Concen: 14.649 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-1

Tot Ion	43	Resp	5590120
Ion	Ratio	Lower	Upper
43	100		
45	11.3	8.0	12.0
61	10.3	8.1	12.1
70	8.1	5.5	8.3

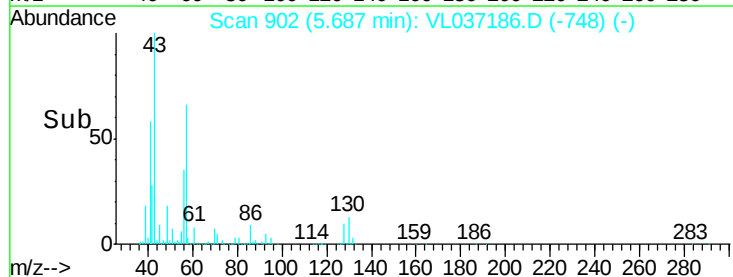
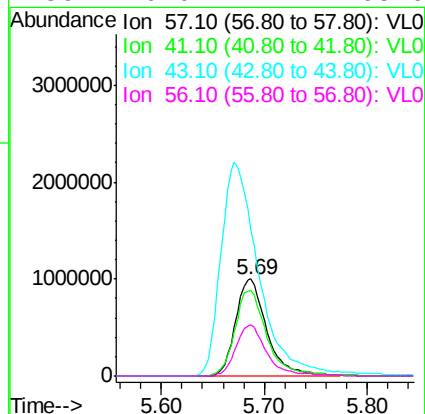
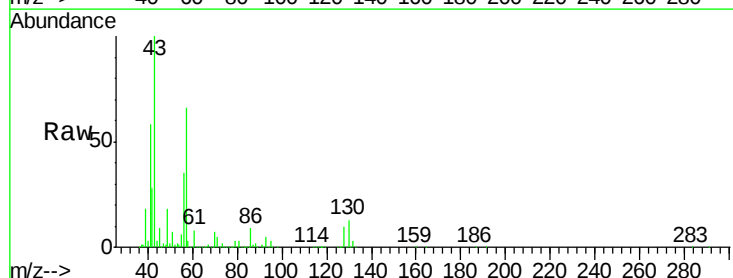
Manual Integrations
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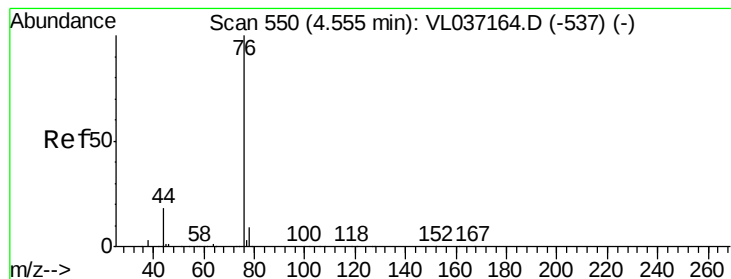
MMDadoda
6/17/2021 5:38:30 PM



#26
Hexane
Concen: 10.950 ppbv m
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Tgt Ion	57	Resp	2111896
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#





#27

Carbon Disulfide

Concen: 0.257 ppbv

RT: 4.55 min Scan# 549

Delta R.T. -0.00 min

Lab File: VL037186.D

Acq: 17 Jun 2021 1:30

Instrument :

MSVOA_L

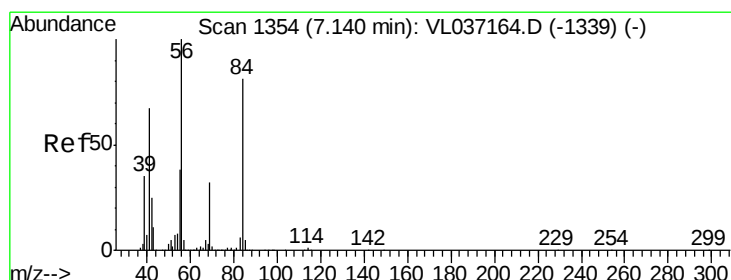
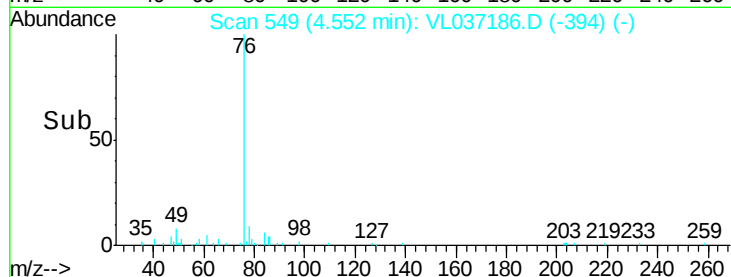
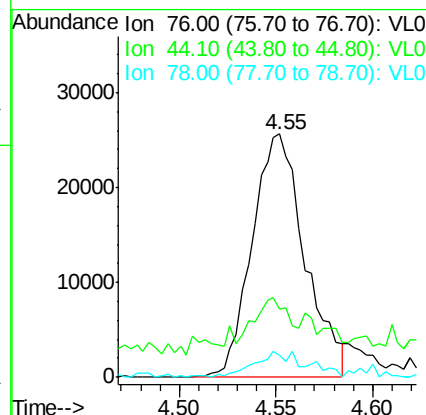
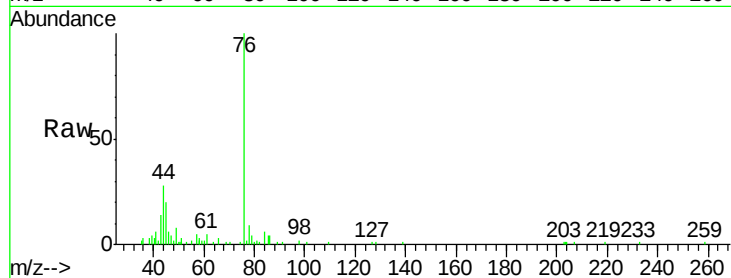
ClientSampleId :

IA-BEDROOM-1

Tot Ion:	76	Resp:	48550
Ion Ratio	Lower	Upper	
76	100		
44	34.4	15.4	23.2#
78	12.6	8.0	12.0#

Manual Integrations
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#30

Cyclohexane

Concen: 2.386 ppbv

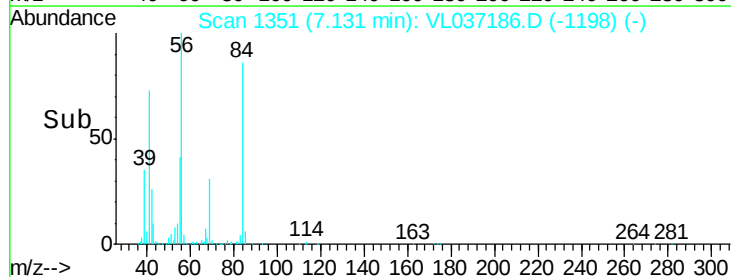
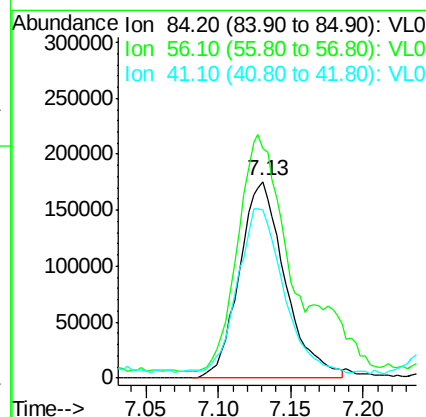
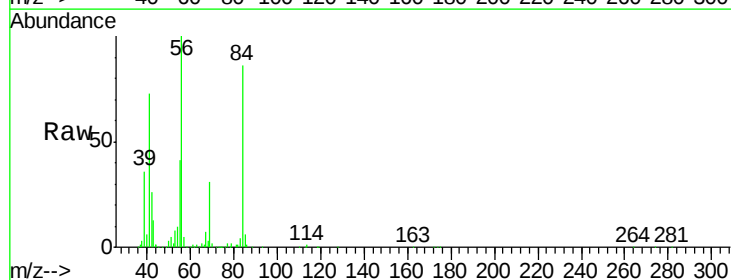
RT: 7.13 min Scan# 1351

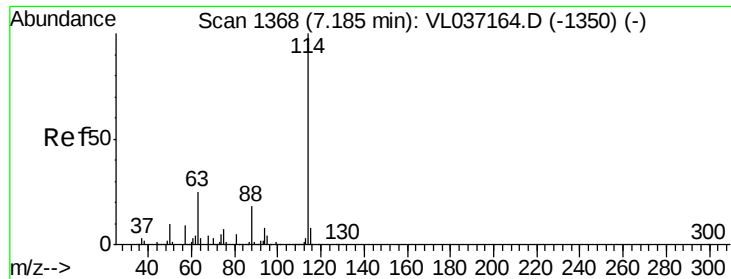
Delta R.T. -0.01 min

Lab File: VL037186.D

Acq: 17 Jun 2021 1:30

Tgt Ion:	84	Resp:	383352
Ion Ratio	Lower	Upper	
84	100		
56	162.2	107.7	161.5#
41	91.8	69.0	103.6





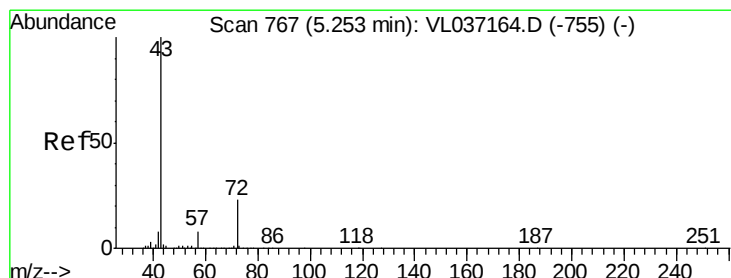
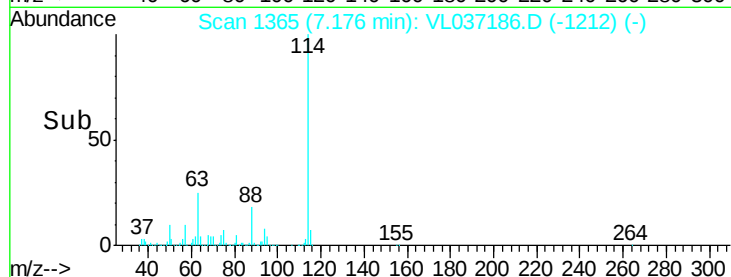
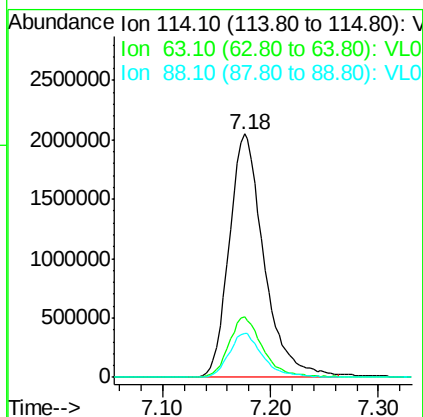
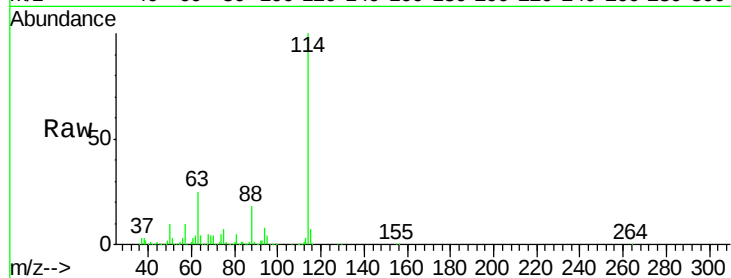
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: VL037186.D
 Acq: 17 Jun 2021 1:30

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-1

Tot Ion:114 Resp: 4609919
 Ion Ratio Lower Upper
 114 100
 63 24.7 19.6 29.4
 88 17.9 14.2 21.2

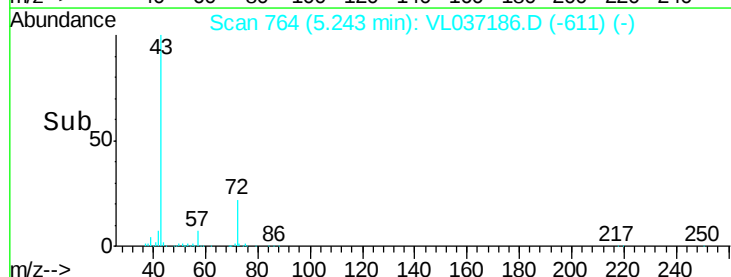
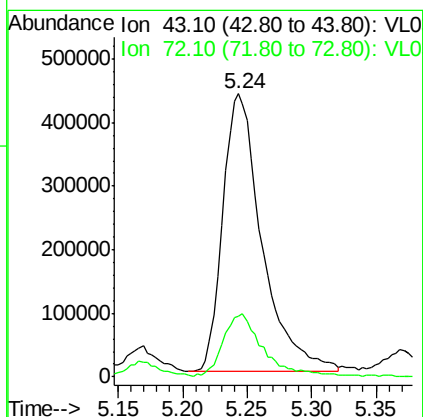
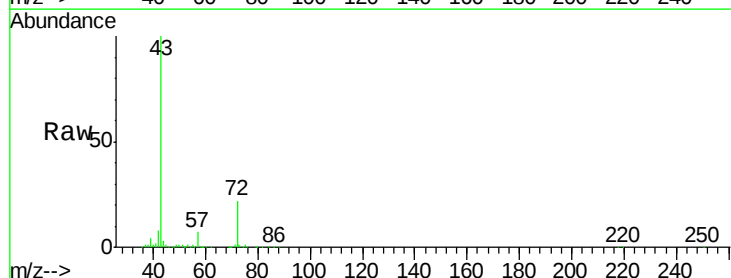
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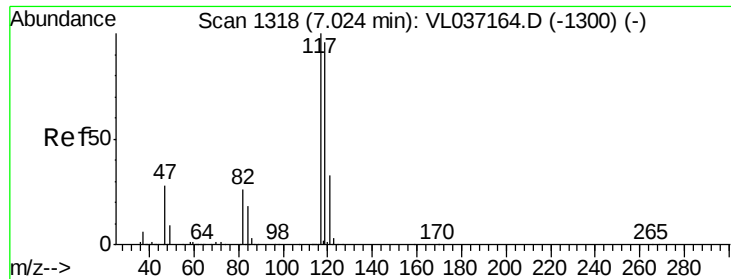
MMDadoda
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#34
 2-Butanone
 Concen: 5.154 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: VL037186.D
 Acq: 17 Jun 2021 1:30

Tgt Ion: 43 Resp: 924057
 Ion Ratio Lower Upper
 43 100
 72 24.1 18.9 28.3





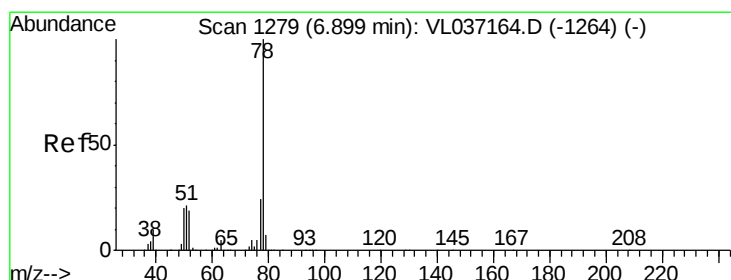
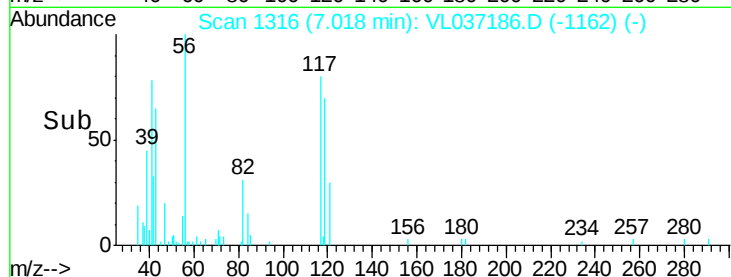
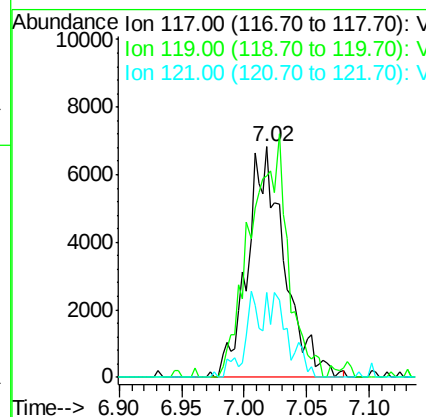
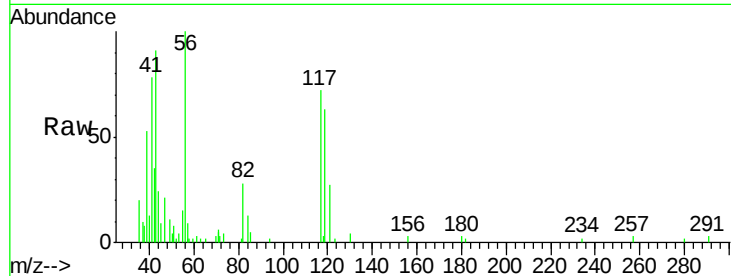
#35
Carbon Tetrachloride
Concen: 0.045 ppbv m
RT: 7.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-1

Tot Ion	Ratio	Lower	Upper
117	100		
119	87.4	76.6	114.8
121	37.0	26.4	39.6

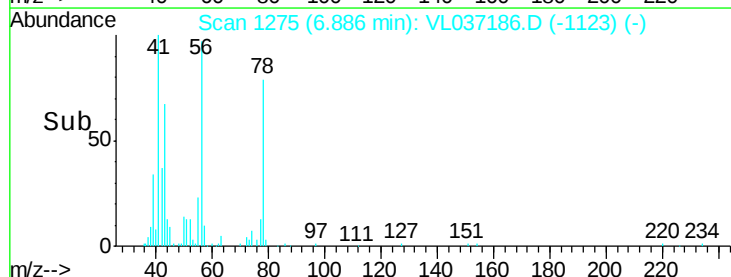
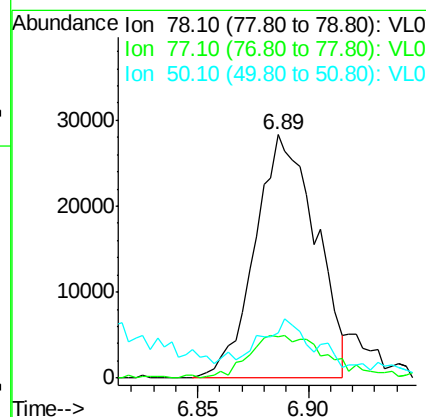
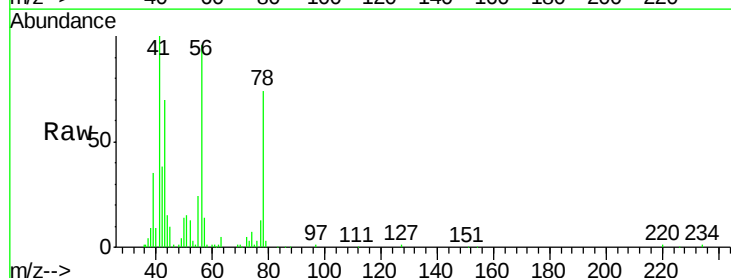
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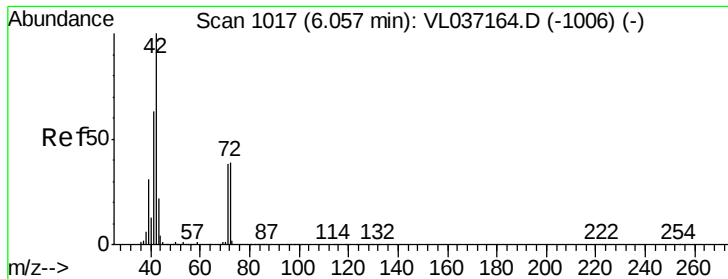
MMDadoda
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#36
Benzene
Concen: 0.145 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	15.9	19.0	28.6#
50	13.9	15.7	23.5#





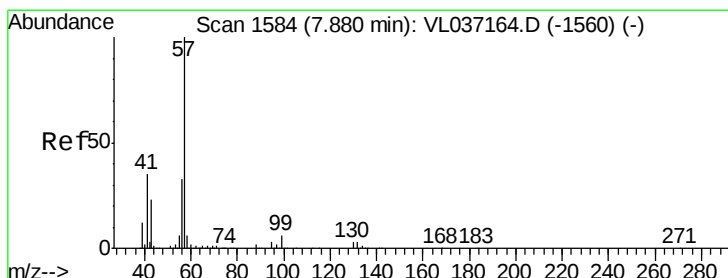
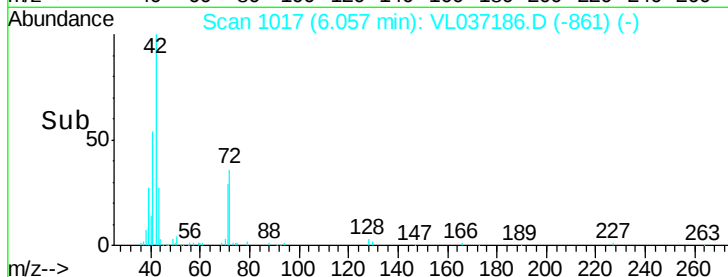
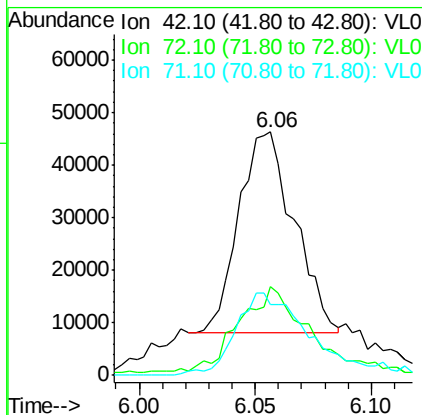
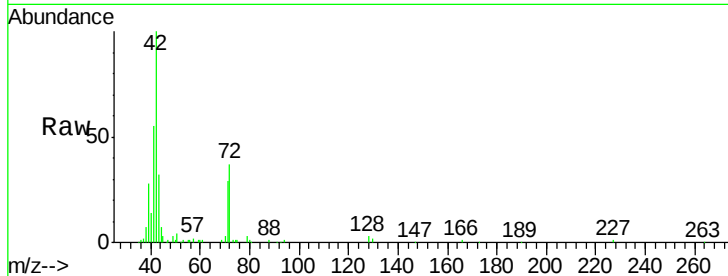
#41
Tetrahydrofuran
Concen: 0.761 ppbv
RT: 6.06 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-1

Tot Ion	Ratio	Lower	Upper
42	100		
72	64.5	33.0	49.4#
71	57.2	31.0	46.6#

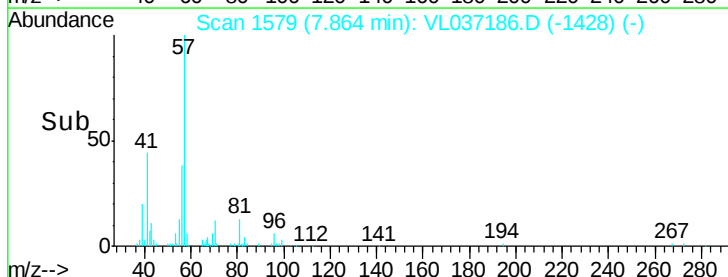
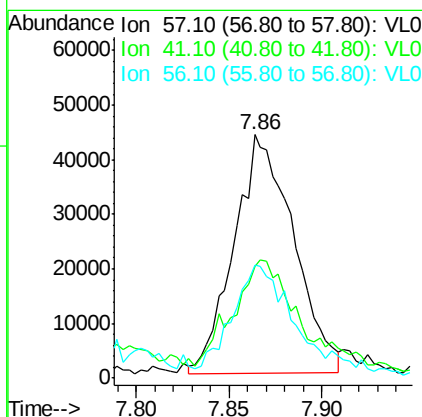
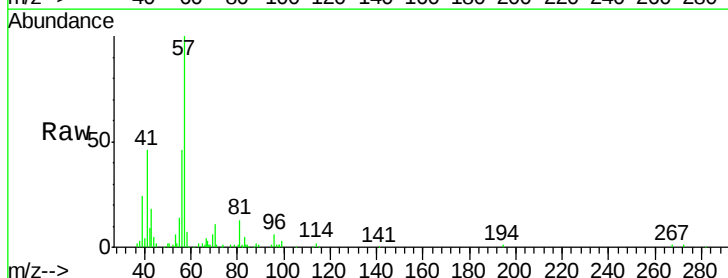
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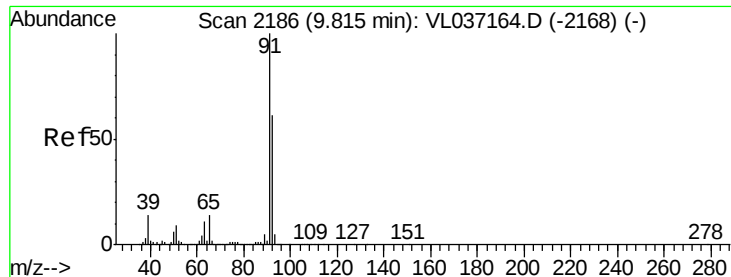
MMDadoda
6/17/2021 5:38:30 PM



#44
2,2,4-Trimethylpentane
Concen: 0.156 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.02 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Tgt Ion	Ratio	Lower	Upper
57	100		
41	52.8	27.6	41.4#
56	52.3	25.3	37.9#





#53

Toluene

Concen: 2.403 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL037186.D

Acq: 17 Jun 2021 1:30

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-1

Tot Ion: 91 Resp: 1070183

Ion Ratio Lower Upper

91 100

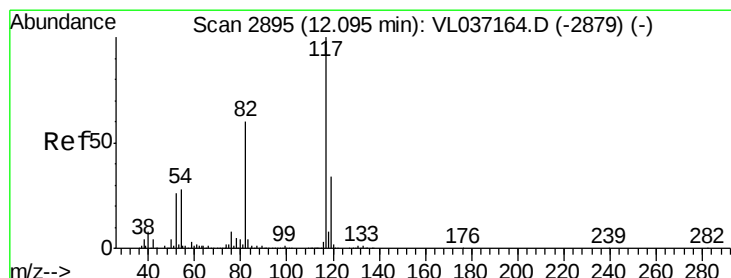
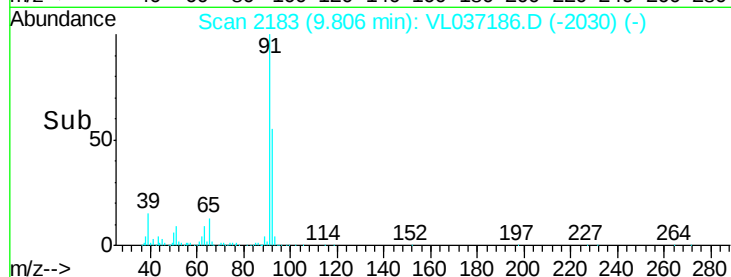
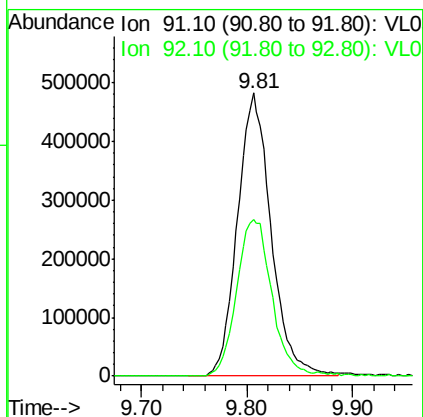
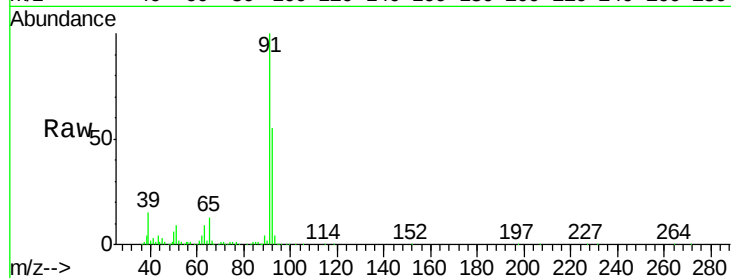
92 58.5 48.3 72.5

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: VL037186.D

Acq: 17 Jun 2021 1:30

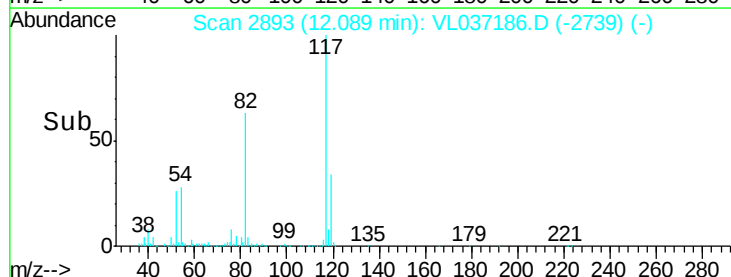
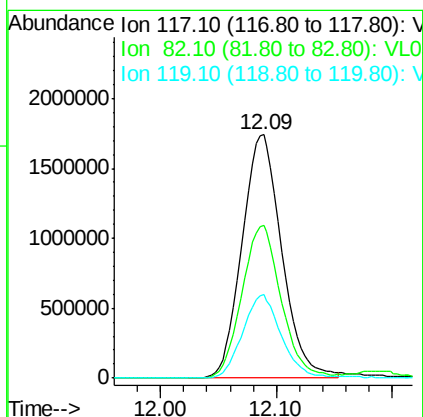
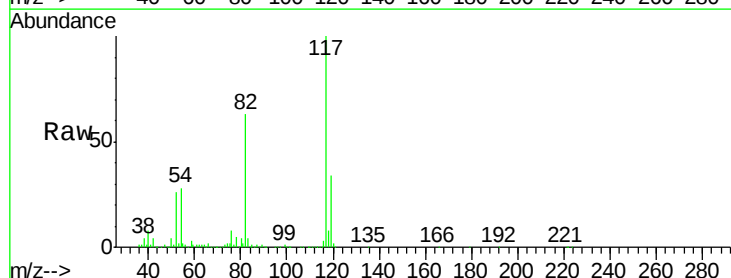
Tgt Ion: 117 Resp: 4159495

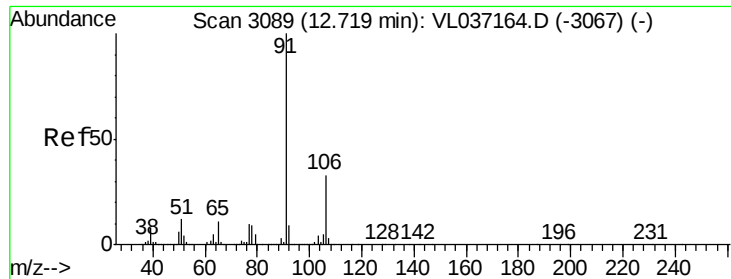
Ion Ratio Lower Upper

117 100

82 61.9 51.7 77.5

119 33.6 47.6 71.4#





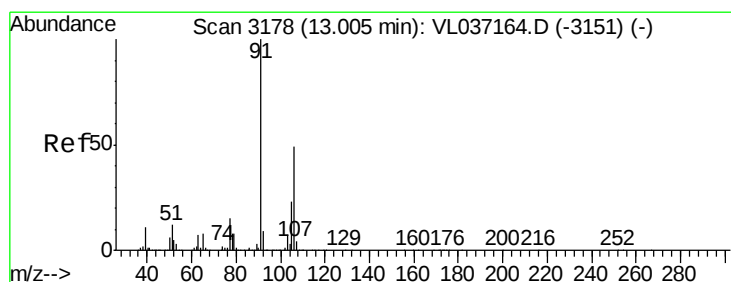
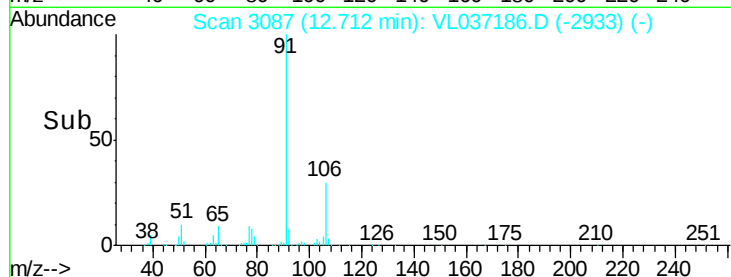
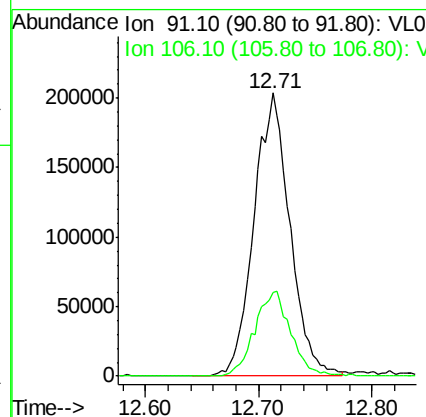
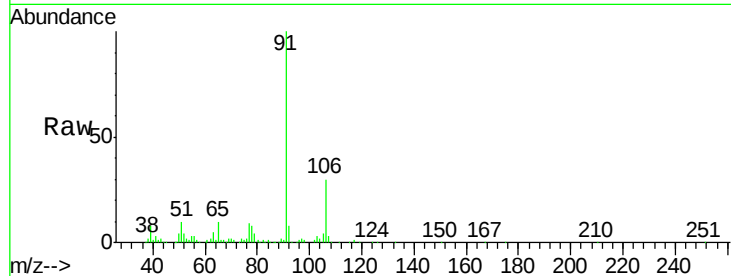
#58
Ethyl Benzene
Concen: 0.786 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-1

Tot Ion: 91 Resp: 449947
Ion Ratio Lower Upper
91 100
106 29.5 26.3 39.5

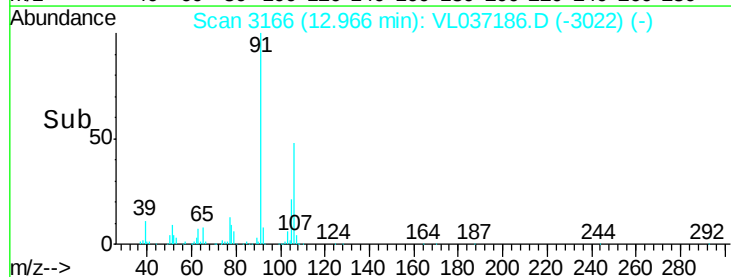
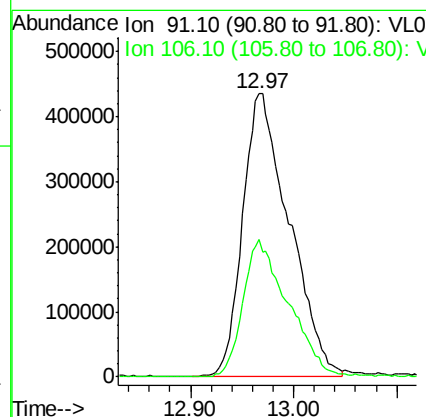
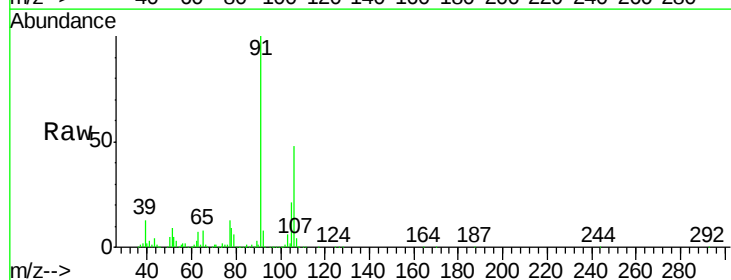
Manual Integrations
APPROVED

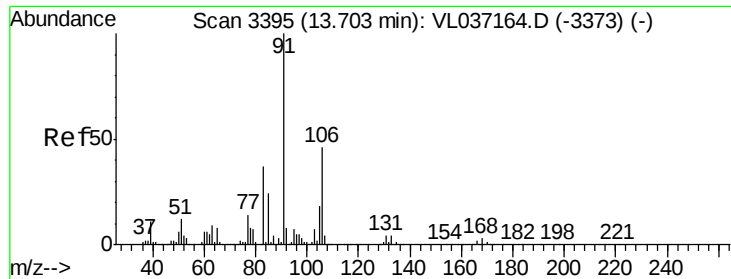
MMDadoda
6/17/2021 5:38:30 PM



#59
m/p-Xylene
Concen: 2.801 ppbv
RT: 12.97 min Scan# 3166
Delta R.T. -0.04 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Tgt Ion: 91 Resp: 1359029
Ion Ratio Lower Upper
91 100
106 47.6 37.0 55.4





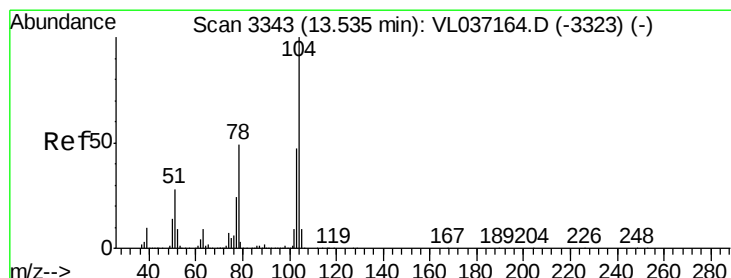
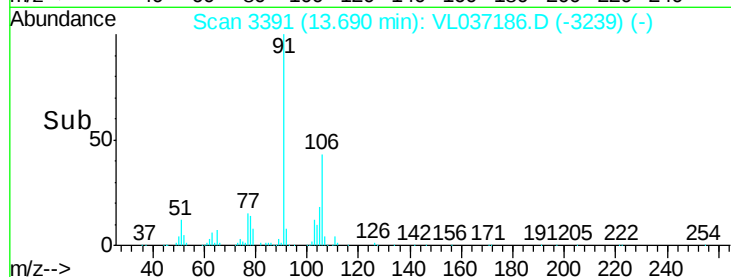
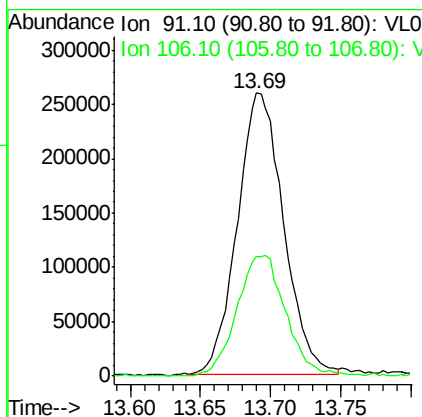
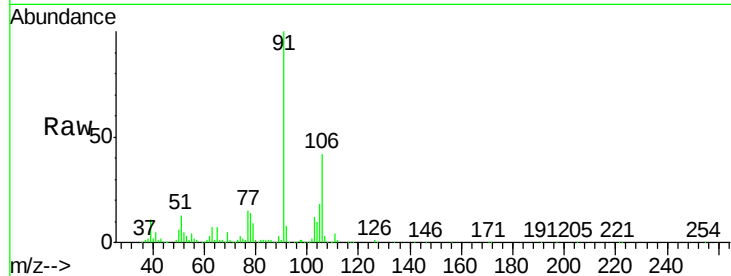
#60
o-Xylene
Concen: 1.278 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-1

Tot Ion: 91 Resp: 590404
Ion Ratio Lower Upper
91 100
106 45.0 23.0 69.0

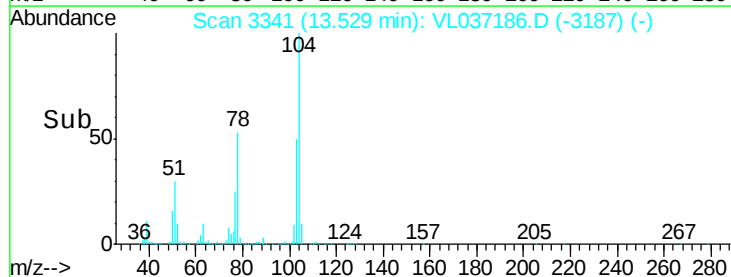
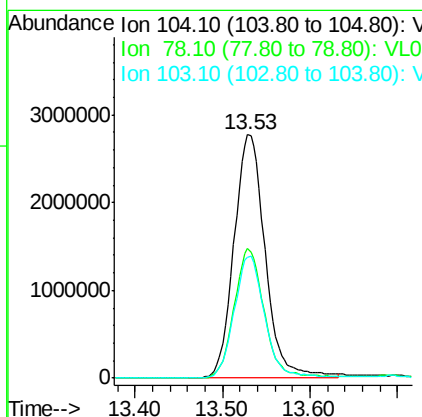
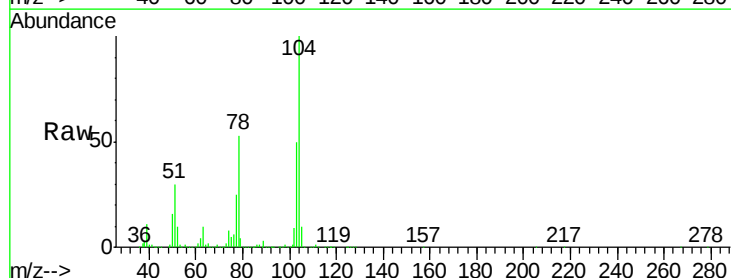
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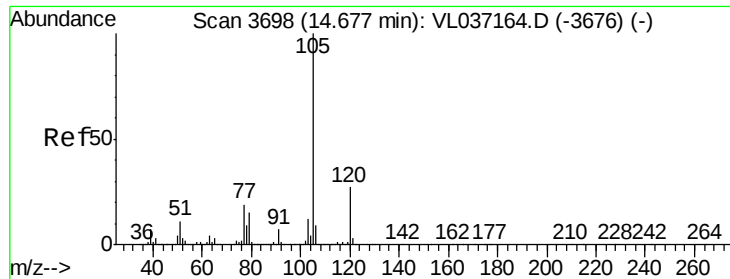
MMDadoda
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#61
Styrene
Concen: 28.904 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Tgt Ion: 104 Resp: 6892715
Ion Ratio Lower Upper
104 100
78 51.7 39.7 59.5
103 49.3 37.6 56.4





#62

Isopropylbenzene

Concen: 0.233 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. -0.01 min

Lab File: VL037186.D

Acq: 17 Jun 2021 1:30

Instrument :

MSVOA_L

ClientSampled :

IA-BEDROOM-1

Tot Ion:105 Resp: 152901

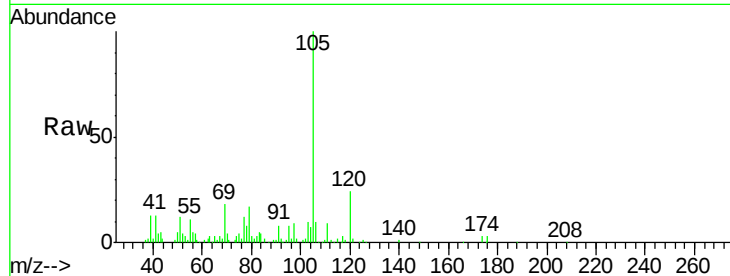
Ion Ratio Lower Upper

105 100

120 26.4 21.6 32.4

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

14.66

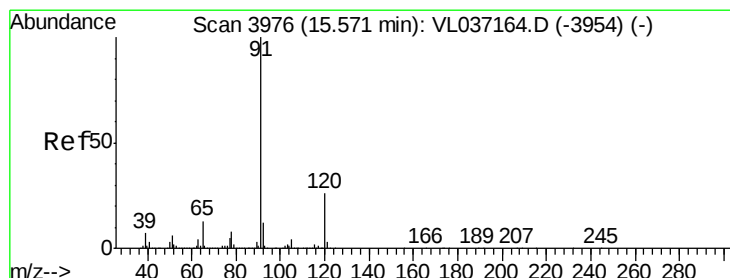
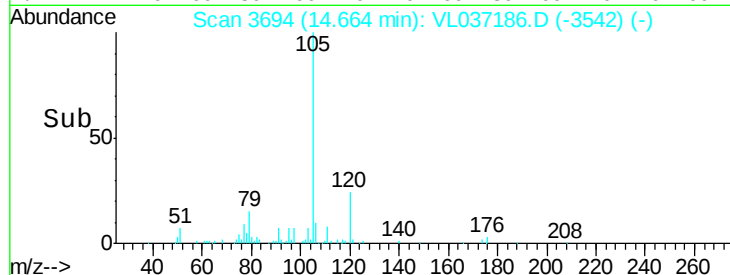
60000

40000

20000

0

Time-->



#64

n-propylbenzene

Concen: 0.445 ppbv

RT: 15.57 min Scan# 3975

Delta R.T. -0.00 min

Lab File: VL037186.D

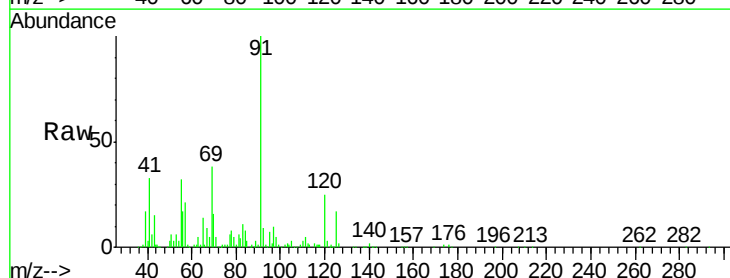
Acq: 17 Jun 2021 1:30

Tgt Ion:120 Resp: 73209

Ion Ratio Lower Upper

120 100

91 482.5 343.3 514.9



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): V

15.57

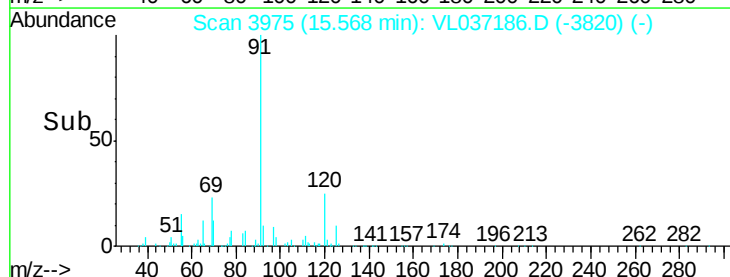
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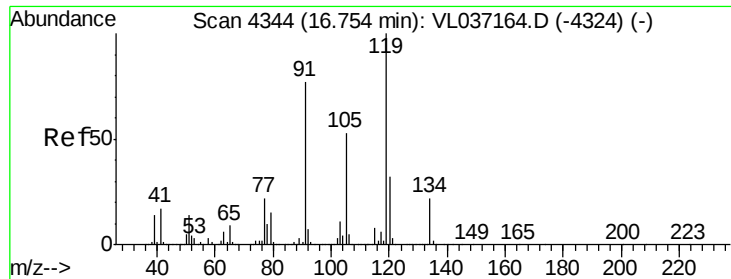
100000

50000

0

Time-->





#65

tert-Butylbenzene

Concen: 0.233 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.01 min

Lab File: VL037186.D

Acq: 17 Jun 2021 1:30

Instrument :

MSVOA_L

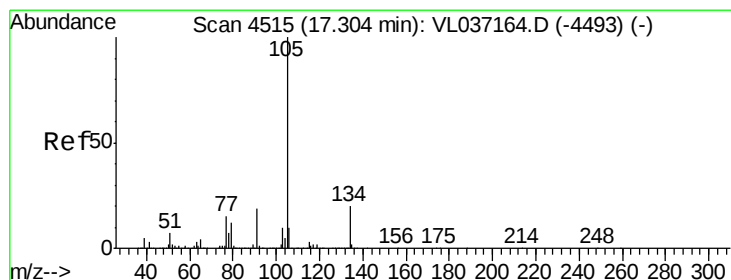
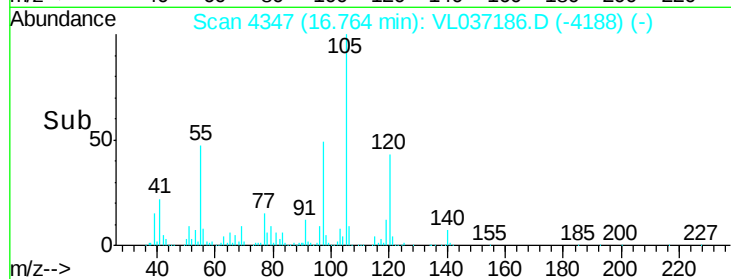
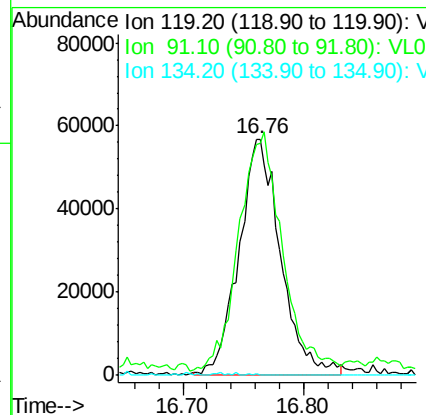
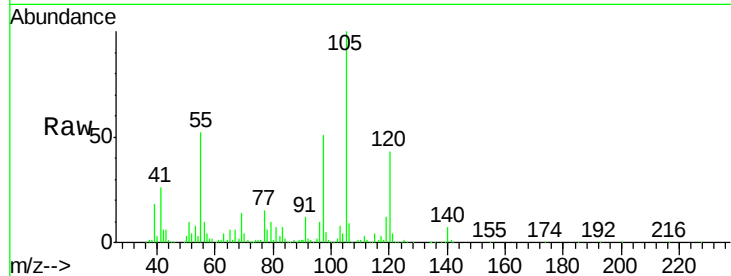
ClientSampleId :

IA-BEDROOM-1

Tot Ion	Ratio	Resp	Lower	Upper
119	100	135722		
91	101.5	62.6	93.8#	
134	0.6	16.2	24.4#	

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#67

sec-Butylbenzene

Concen: 0.143 ppbv

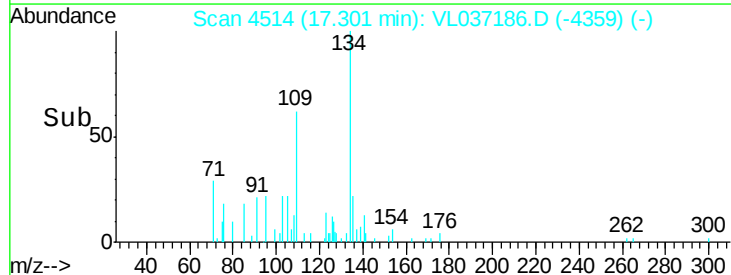
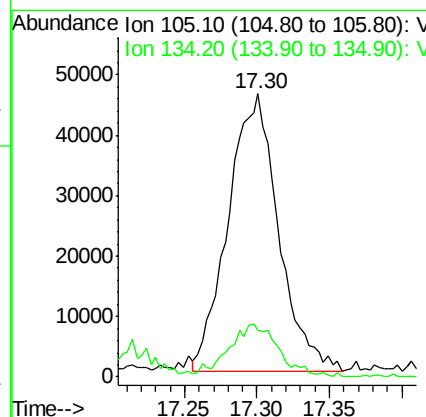
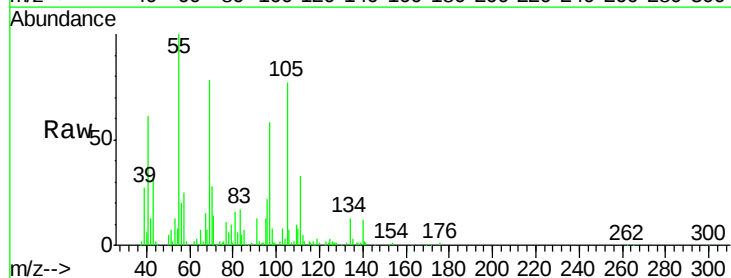
RT: 17.30 min Scan# 4514

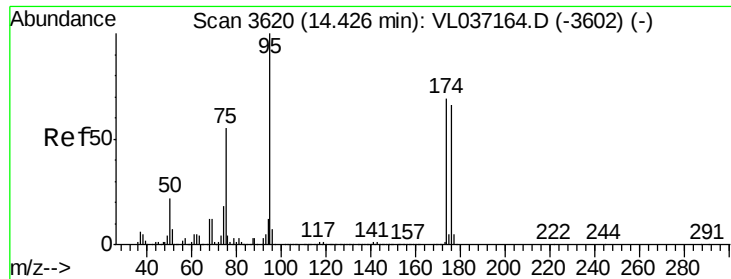
Delta R.T. -0.00 min

Lab File: VL037186.D

Acq: 17 Jun 2021 1:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	110758		
134	17.6	15.8	23.6	





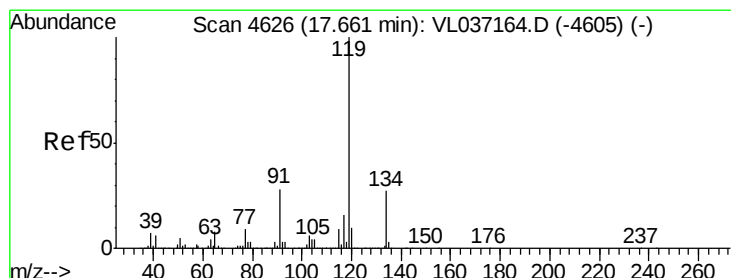
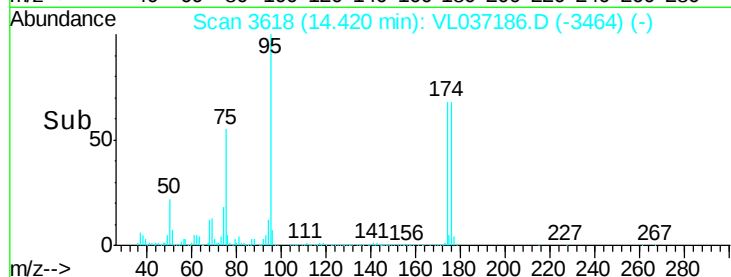
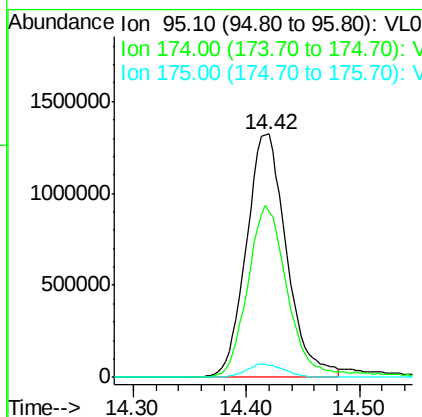
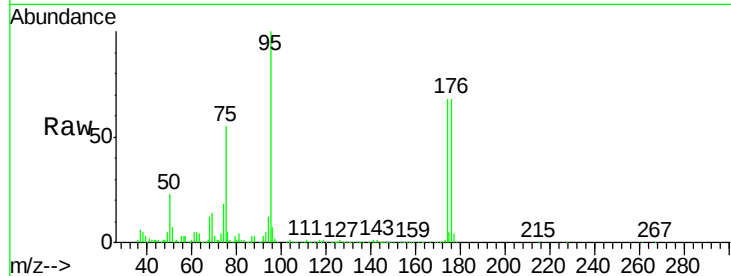
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.377 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T. -0.01 min
 Lab File: VL037186.D
 Acq: 17 Jun 2021 1:30

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-1

Tot Ion: 95 Resp: 3270834
 Ion Ratio Lower Upper
 95 100
 174 72.2 57.0 85.4
 175 5.3 4.4 6.6

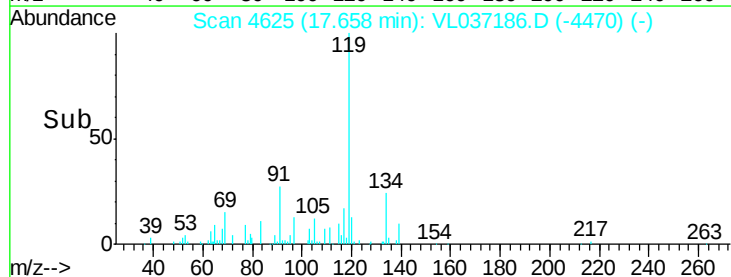
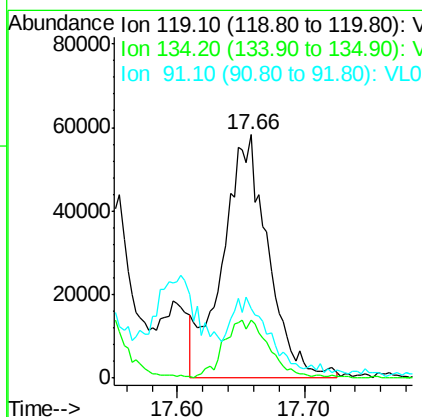
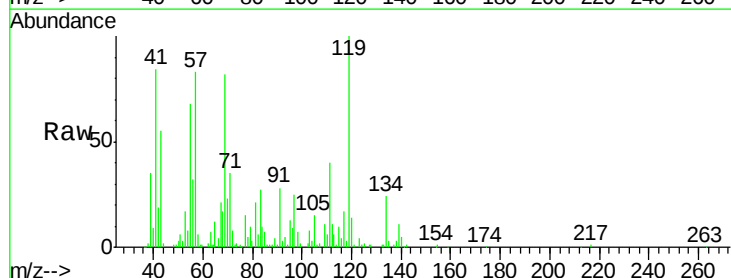
Manual Integrations
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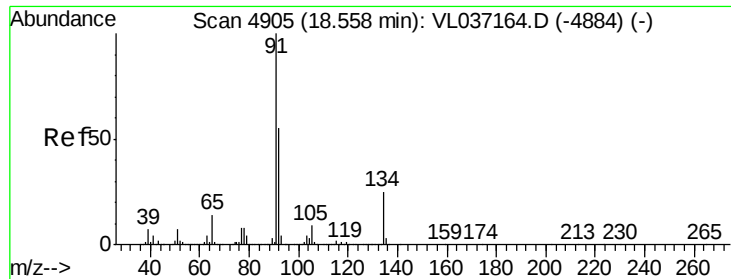
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#69
 p-Isopropyltoluene
 Concen: 0.220 ppbv m
 RT: 17.66 min Scan# 4625
 Delta R.T. -0.00 min
 Lab File: VL037186.D
 Acq: 17 Jun 2021 1:30

Tgt Ion: 119 Resp: 144102
 Ion Ratio Lower Upper
 119 100
 134 26.5 20.9 31.3
 91 33.3 22.6 34.0





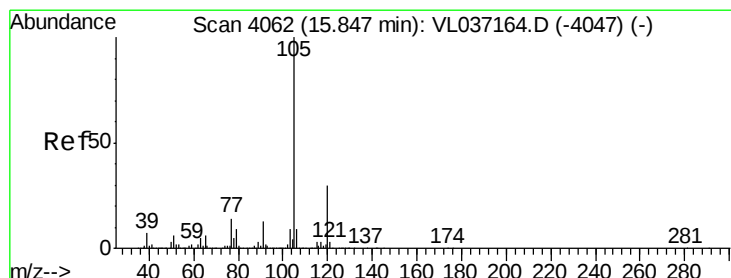
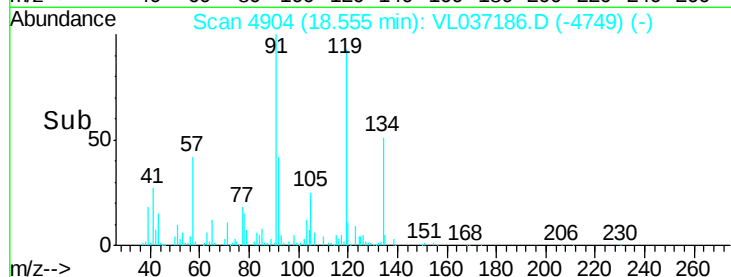
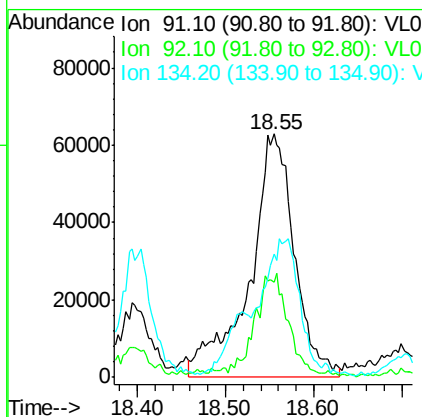
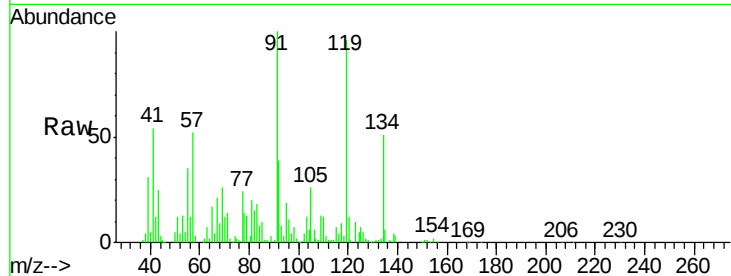
#70
n-Butylbenzene
Concen: 0.366 ppbv m
RT: 18.55 min Scan# 4904
Delta R.T. -0.00 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-1

Tot Ion	Ratio	Resp	Lower	Upper
91	100	222092		
92	0.0	44.0	66.0#	
134	0.0	20.2	30.4#	

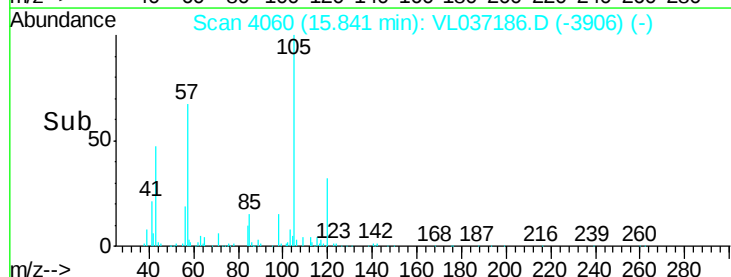
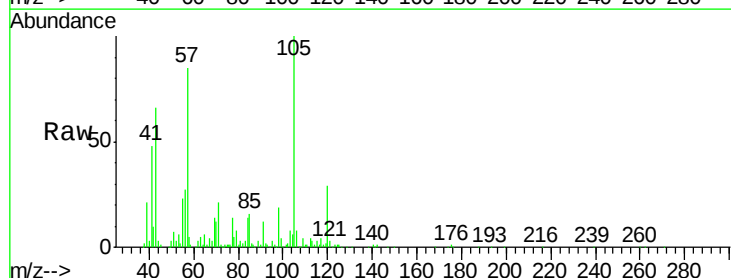
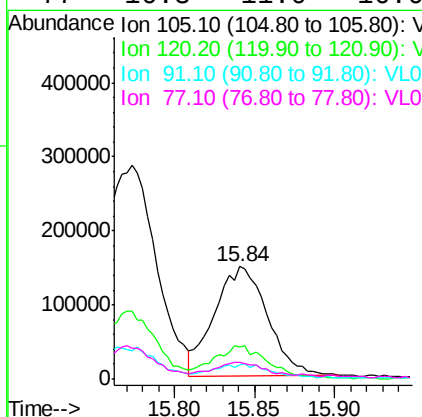
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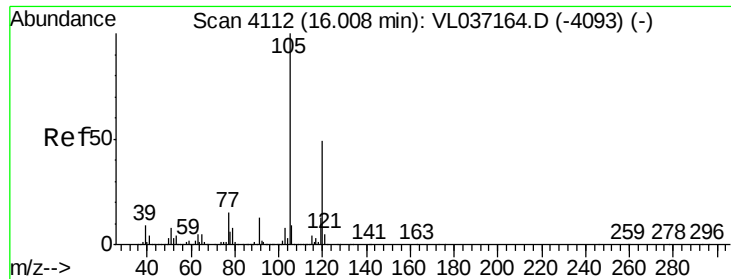
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#72
4-Ethyltoluene
Concen: 0.641 ppbv
RT: 15.84 min Scan# 4060
Delta R.T. -0.01 min
Lab File: VL037186.D
Acq: 17 Jun 2021 1:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	336610		
120	31.6	24.7	37.1	
91	13.4	10.2	15.4	
77	16.3	11.0	16.6	





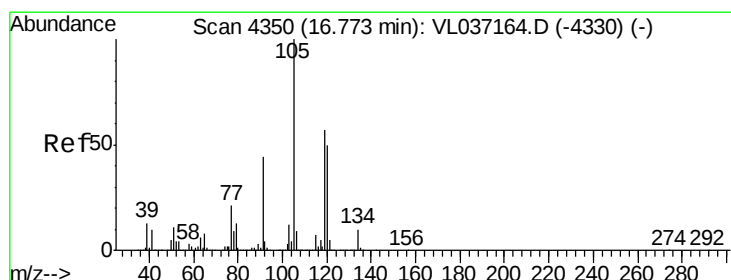
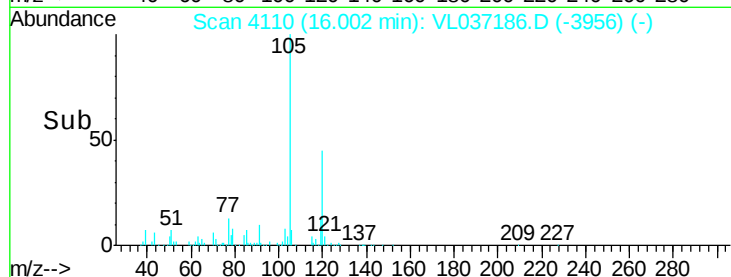
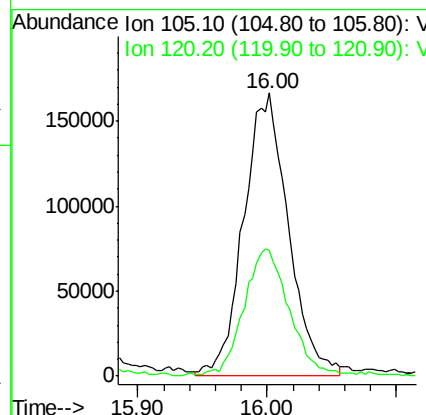
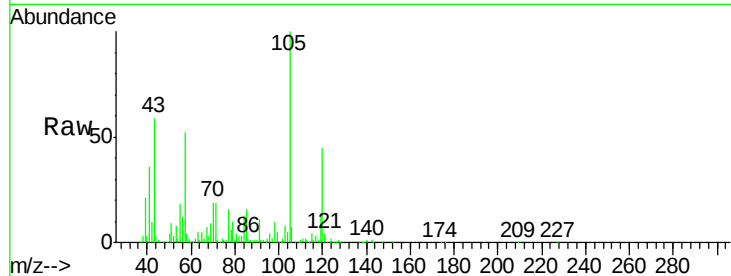
#73
 1,3,5-Trimethylbenzene
 Concen: 0.789 ppbv m
 RT: 16.00 min Scan# 4110
 Delta R.T. -0.01 min
 Lab File: VL037186.D
 Acq: 17 Jun 2021 1:30

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-1

Tot Ion:105 Resp: 400147
 Ion Ratio Lower Upper
 105 100
 120 44.7 39.4 59.2

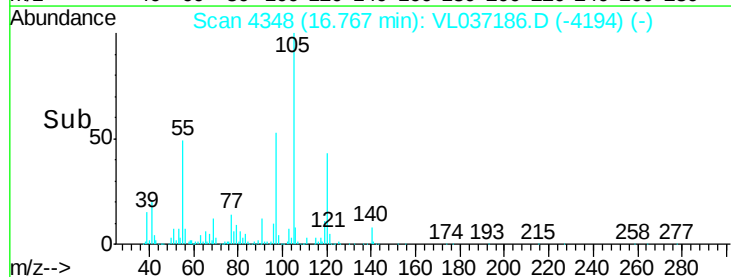
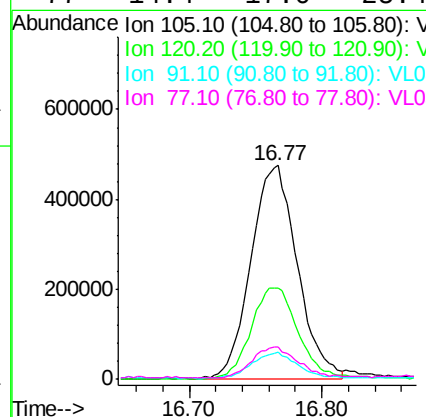
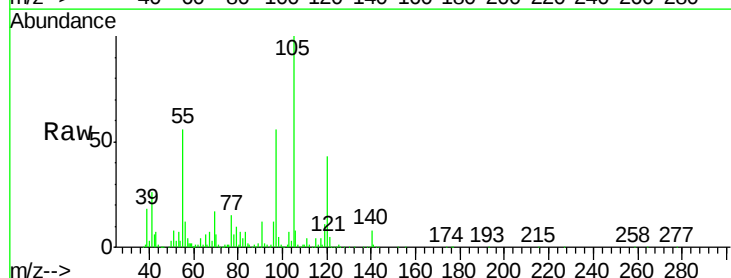
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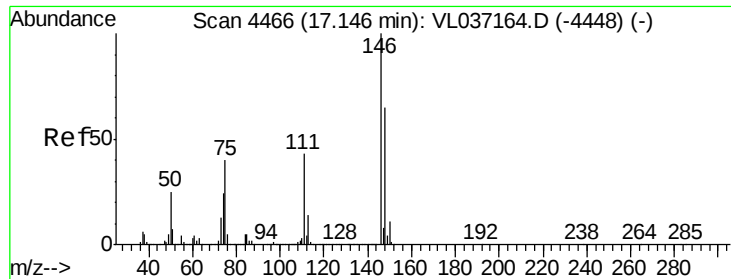
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#74
 1,2,4-Trimethylbenzene
 Concen: 2.207 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. -0.01 min
 Lab File: VL037186.D
 Acq: 17 Jun 2021 1:30

Tgt Ion:105 Resp: 1153636
 Ion Ratio Lower Upper
 105 100
 120 42.8 39.8 59.8
 91 11.8 37.0 55.4#
 77 14.4 17.0 25.4#





#76
 1,4-Dichlorobenzene
 Concen: 0.193 ppbv
 RT: 17.13 min Scan# 4462
 Delta R.T. -0.01 min
 Lab File: VL037186.D
 Acq: 17 Jun 2021 1:30

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-1

Tot Ion	Ratio	Lower	Upper
146	100		
111	257.0	22.7	68.0#
148	69.2	33.7	101.1

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