

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037184.D
 Acq On : 17 Jun 2021 00:07
 Operator : SY/AP
 Sample : M2721-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAYROOM-1DUP

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:39:28 PM

Quant Time: Jun 26 00:10:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 1
 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	1523134	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4434334	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3904371	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3103773	10.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	52666	0.199	ppbv	89
4) Chloromethane	3.14	50	60411m	0.612	ppbv	
10) Heptane	8.12	43	79204m	0.345	ppbv	
11) Trichlorofluoromethane	3.95	101	51912m	0.184	ppbv	
13) Ethanol	3.60	45	3108558	212.202	ppbv	46
15) Acetone	3.84	43	3986805m	23.211	ppbv	
17) tert-Butyl alcohol	4.30	59	725352	4.569	ppbv	99
19) Isopropyl Alcohol	3.97	45	760321	7.308	ppbv #	1
20) Methylene Chloride	4.34	84	1670194	16.242	ppbv	98
25) Ethyl Acetate	5.67	43	6096985	16.397	ppbv	99
26) Hexane	5.69	57	2803634m	14.918	ppbv	
27) Carbon Disulfide	4.55	76	51438	0.279	ppbv #	78
30) Cyclohexane	7.13	84	398719	2.546	ppbv	85
34) 2-Butanone	5.24	43	932416	5.407	ppbv	100
35) Carbon Tetrachloride	7.01	117	15316m	0.051	ppbv	
36) Benzene	6.89	78	59338m	0.165	ppbv	
41) Tetrahydrofuran	6.05	42	89254	1.114	ppbv	97
44) 2,2,4-Trimethylpentane	7.87	57	114387	0.189	ppbv #	71
50) 4-Methyl-2-Pentanone	8.75	43	33041m	0.139	ppbv	
53) Toluene	9.81	91	1007010	2.351	ppbv	100
58) Ethyl Benzene	12.71	91	430881	0.802	ppbv	97
59) m/p-Xylene	12.97	91	1281244	2.813	ppbv	98
60) o-Xylene	13.69	91	570876	1.316	ppbv	99
61) Styrene	13.53	104	6402125	28.601	ppbv	95
62) Isopropylbenzene	14.67	105	136489	0.221	ppbv	98
64) n-propylbenzene	15.56	120	70221m	0.455	ppbv	
65) tert-Butylbenzene	16.77	119	130881m	0.239	ppbv	
67) sec-Butylbenzene	17.30	105	114531m	0.157	ppbv	
69) p-Isopropyltoluene	17.65	119	120266	0.195	ppbv	94
70) n-Butylbenzene	18.55	91	193069m	0.339	ppbv	
72) 4-Ethyltoluene	15.85	105	345829m	0.702	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	373386	0.784	ppbv	90
74) 1,2,4-Trimethylbenzene	16.76	105	1096646	2.235	ppbv #	73
76) 1,4-Dichlorobenzene	17.14	146	65205m	0.219	ppbv	
79) Naphthalene	22.20	128	46448m	0.114	ppbv	

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

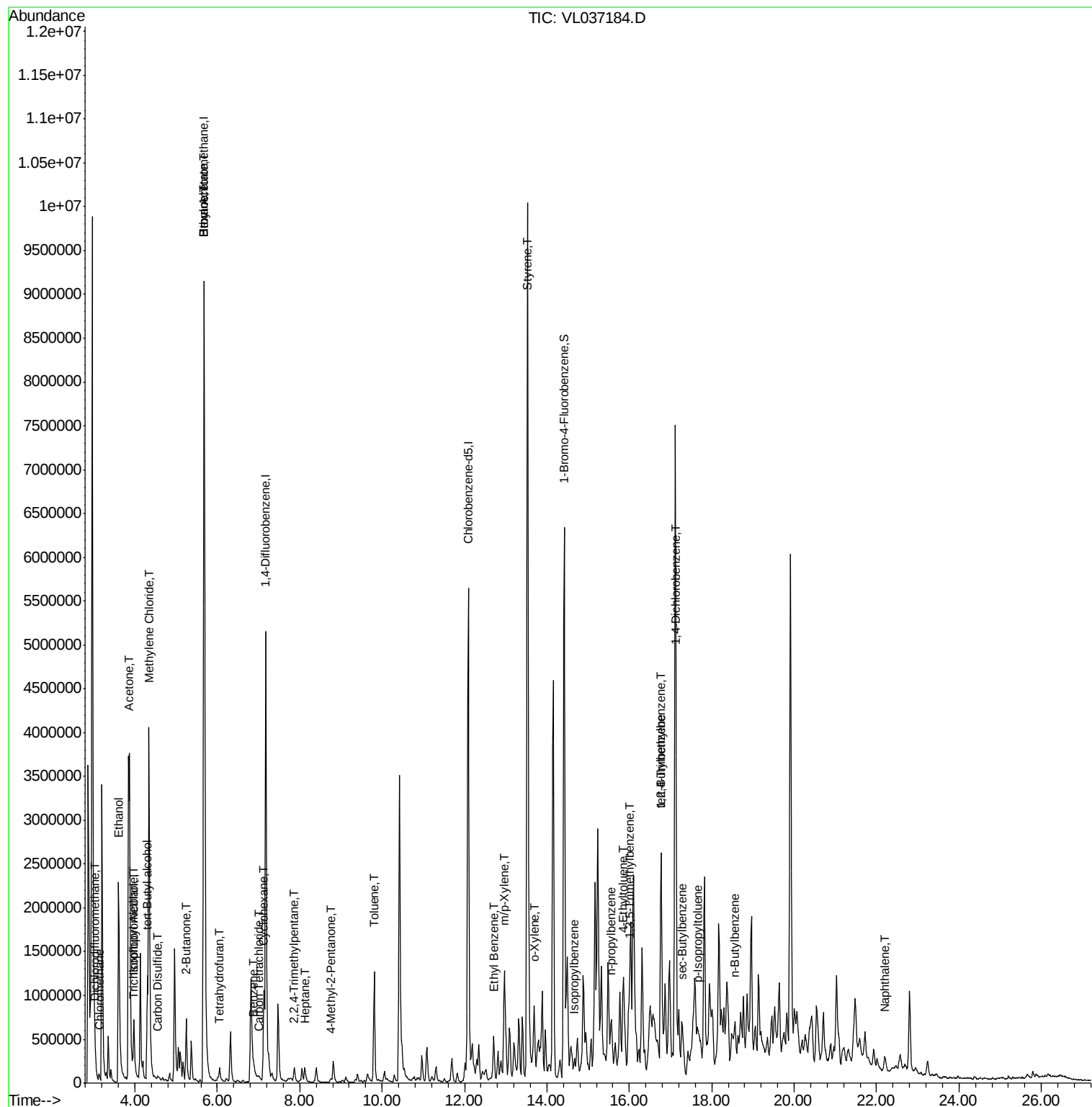
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
Data File : VL037184.D
Acq On : 17 Jun 2021 00:07
Operator : SY/AP
Sample : M2721-01DUP
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

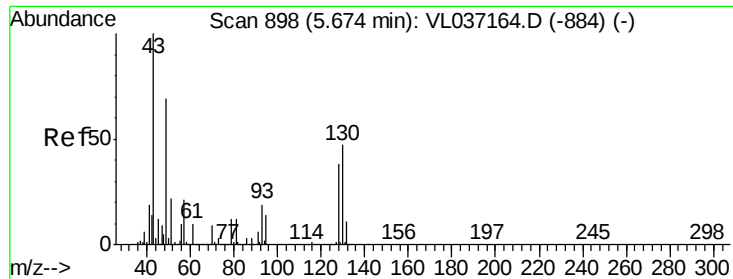
Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1DUP

Manual Integrations
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6/17/2021 5:39:28 PM

Quant Time: Jun 26 00:10:46 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: VL037184.D

Acq: 17 Jun 2021 00:07

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DUP

Tot Ion: 49 Resp: 1523134

Ion Ratio Lower Upper

49 100

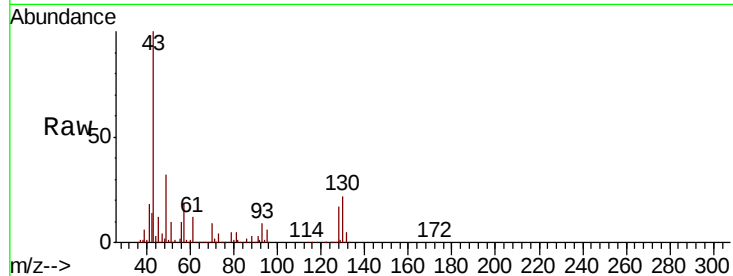
128 53.2 29.3 88.0

130 69.0 35.9 107.8

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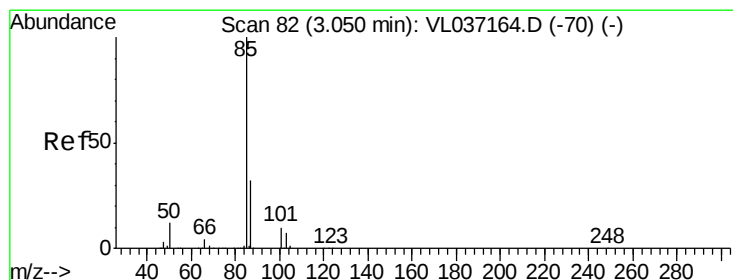
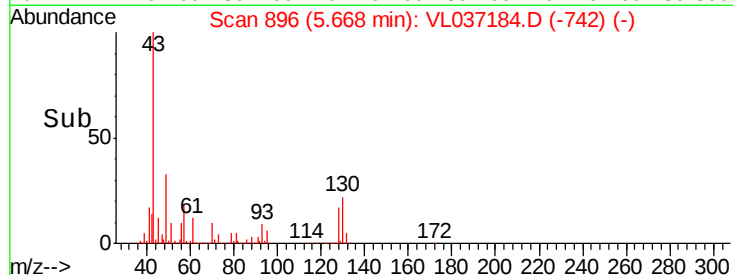
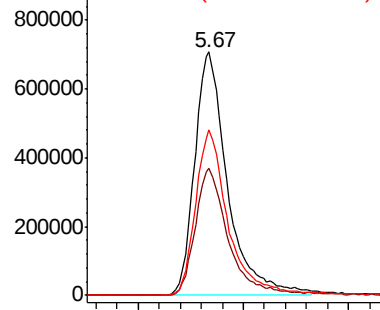
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.199 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL037184.D

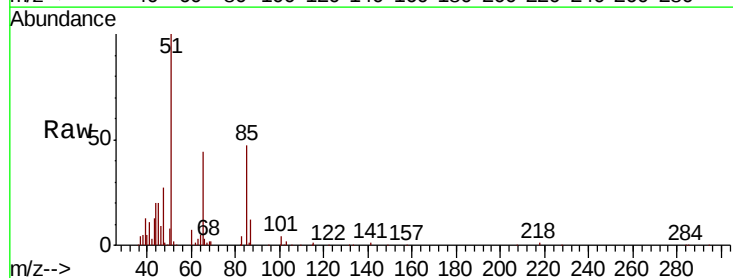
Acq: 17 Jun 2021 00:07

Tgt Ion: 85 Resp: 52666

Ion Ratio Lower Upper

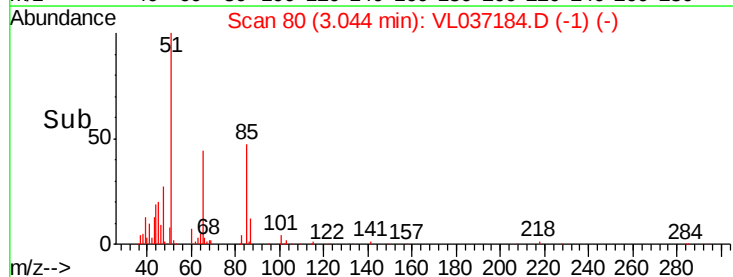
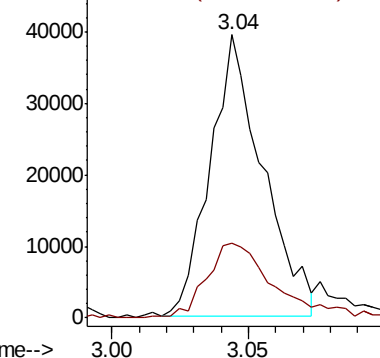
85 100

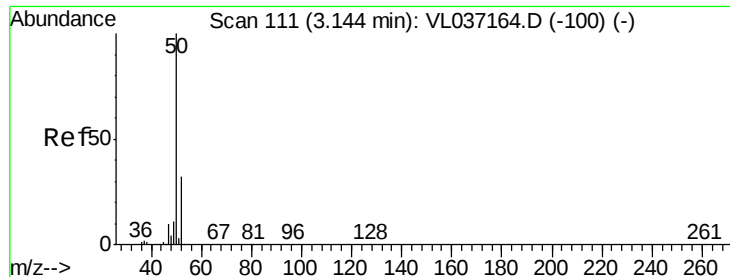
87 25.8 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.612 ppbv m

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL037184.D

Acq: 17 Jun 2021 00:07

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DUP

Tot Ion: 50 Resp: 60411

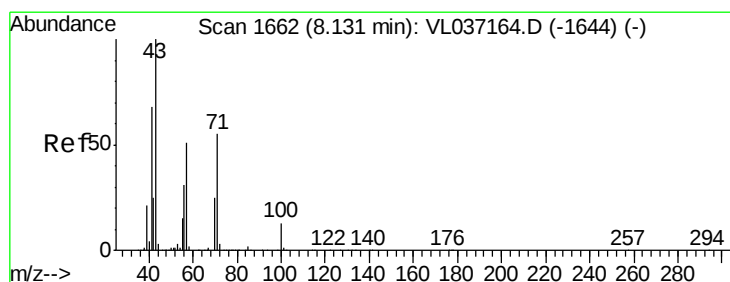
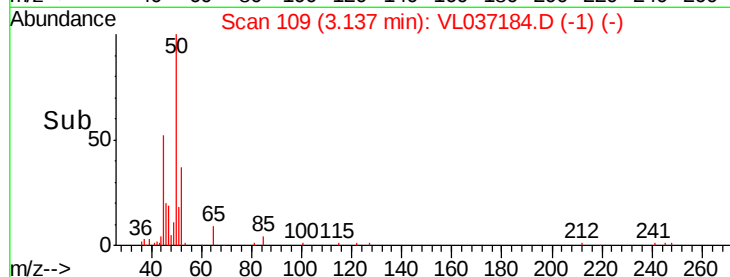
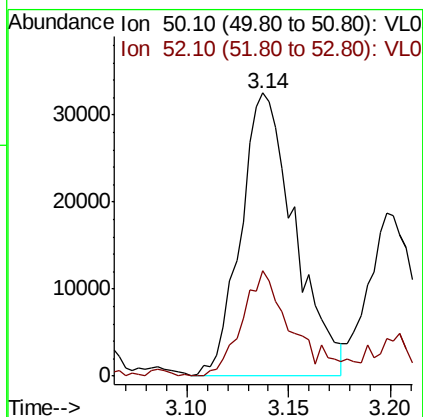
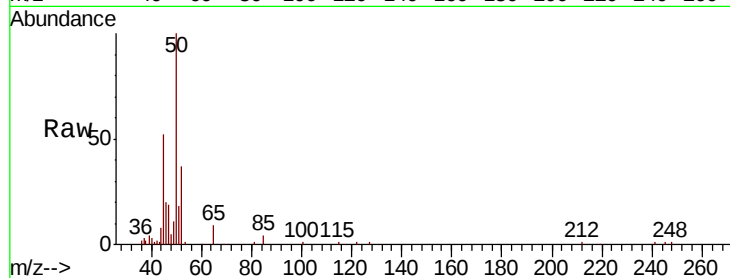
Ion Ratio Lower Upper

50 100

52 37.3 25.8 38.8

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#10

Heptane

Concen: 0.345 ppbv m

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL037184.D

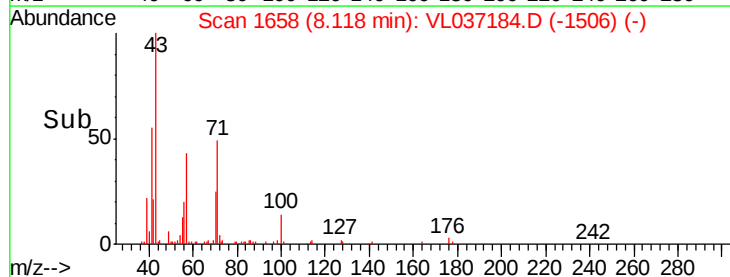
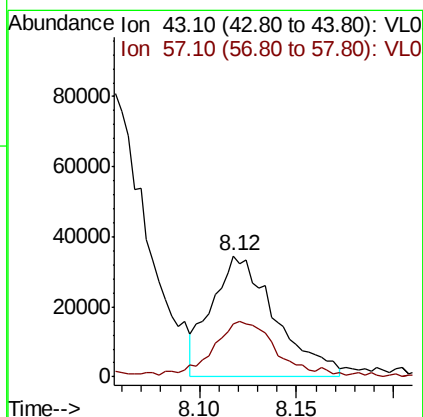
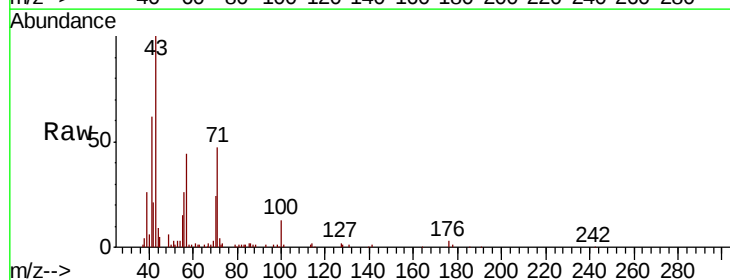
Acq: 17 Jun 2021 00:07

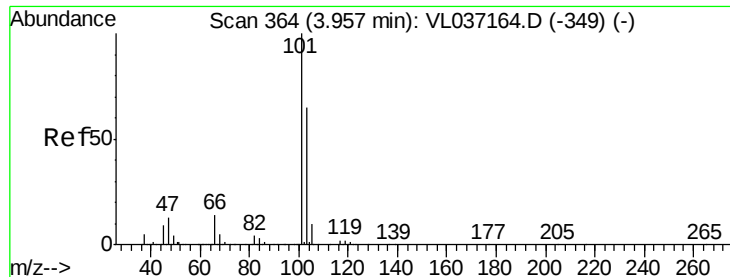
Tgt Ion: 43 Resp: 79204

Ion Ratio Lower Upper

43 100

57 44.6 40.6 61.0





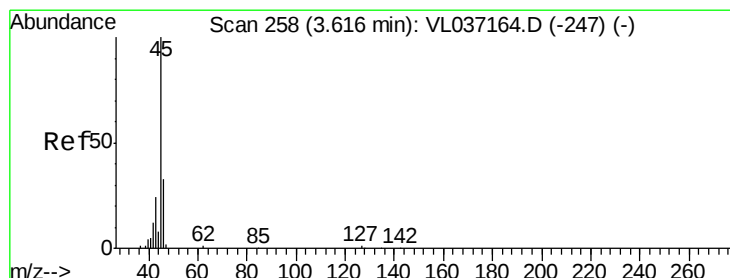
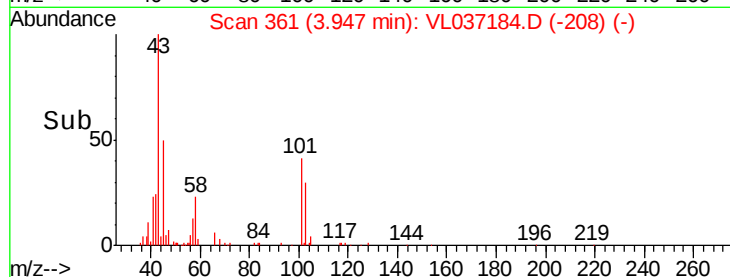
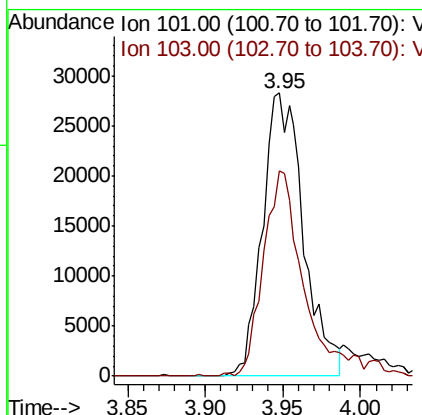
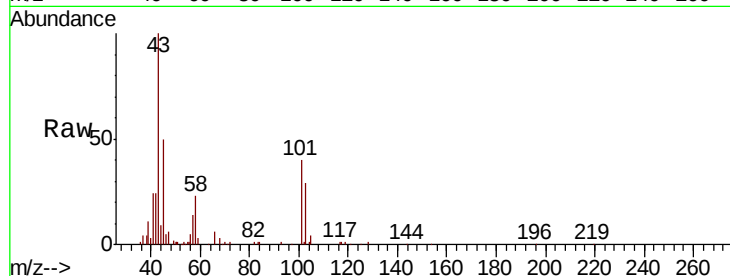
#11
Trichlorofluoromethane
Concen: 0.184 ppbv m
RT: 3.95 min Scan# 361
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1DUP

Tot Ion: 101 Resp: 51912
Ion Ratio Lower Upper
101 100
103 72.6 52.2 78.4

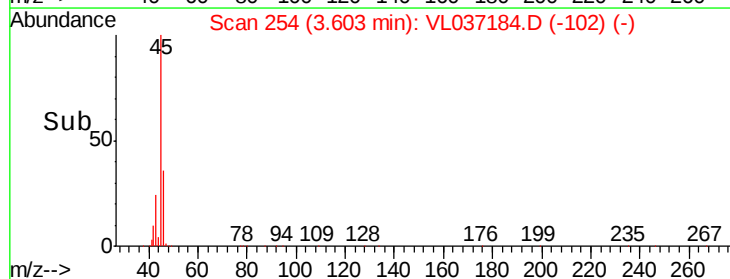
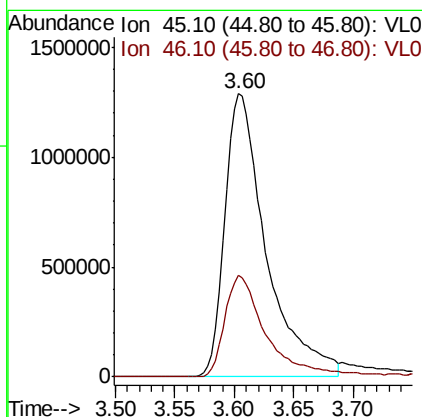
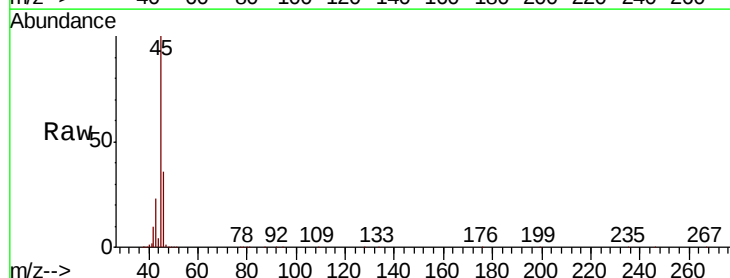
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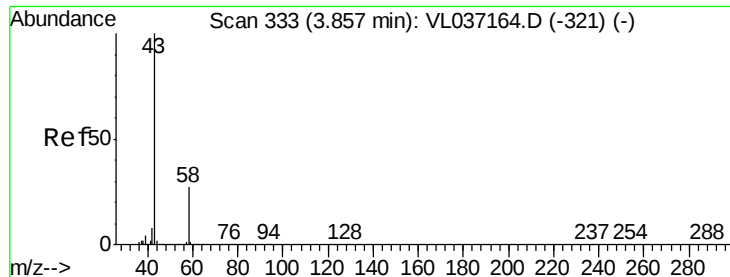
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#13
Ethanol
Concen: 212.202 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Tgt Ion: 45 Resp: 3108558
Ion Ratio Lower Upper
45 100
46 36.3 34.2 137.0





#15

Acetone

Concen: 23.211 ppbv m

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL037184.D

Acq: 17 Jun 2021 00:07

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DUP

Tot Ion: 43 Resp: 3986805

Ion Ratio Lower Upper

43 100

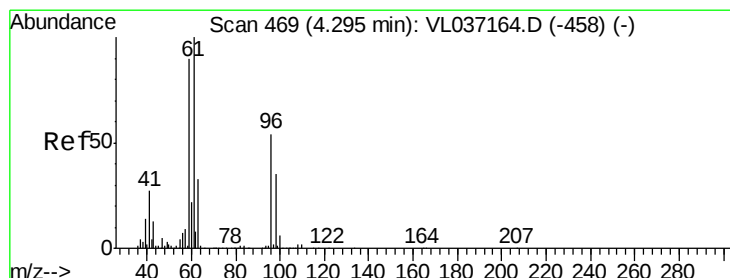
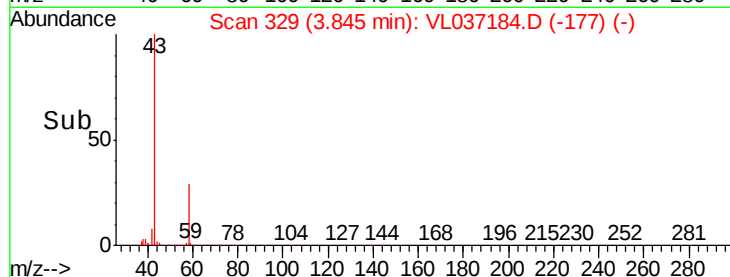
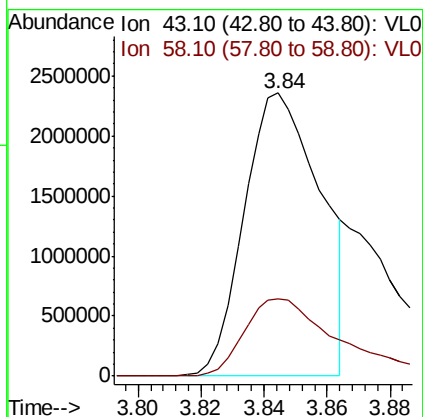
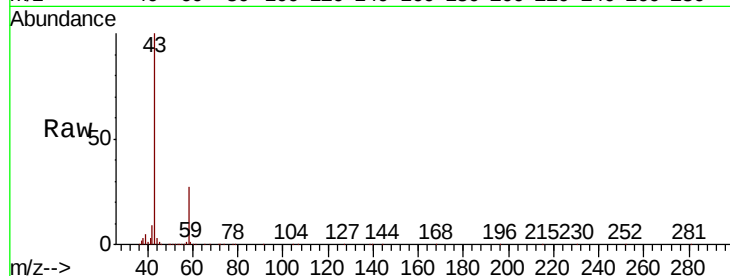
58 37.7 23.7 35.5#

Manual Integrations

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#17

tert-Butyl alcohol

Concen: 4.569 ppbv

RT: 4.30 min Scan# 471

Delta R.T. 0.01 min

Lab File: VL037184.D

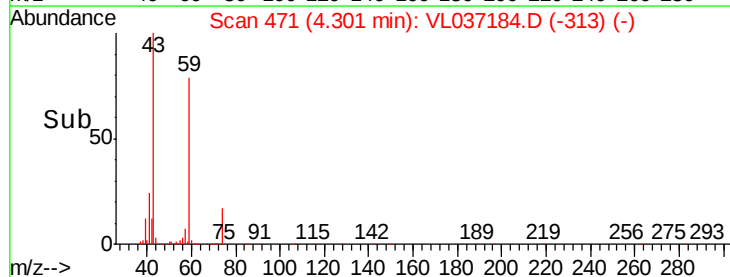
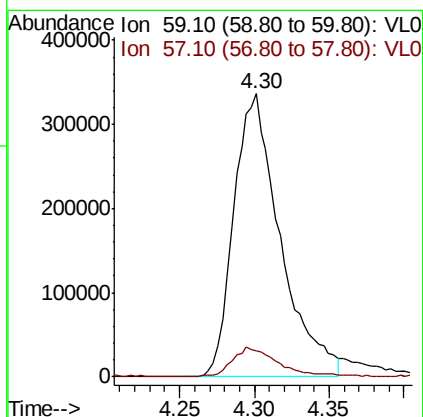
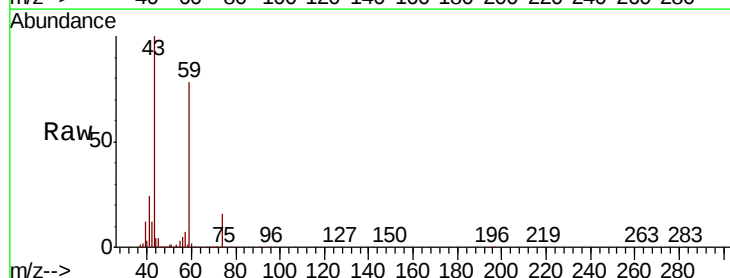
Acq: 17 Jun 2021 00:07

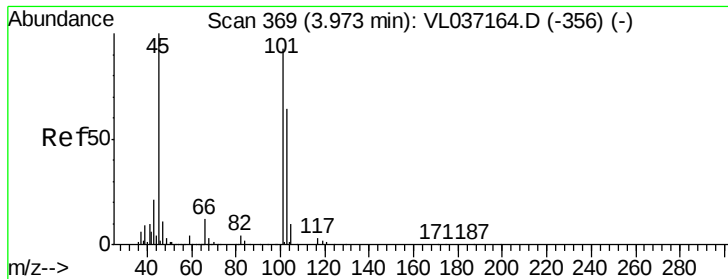
Tgt Ion: 59 Resp: 725352

Ion Ratio Lower Upper

59 100

57 10.5 8.8 13.2





#19

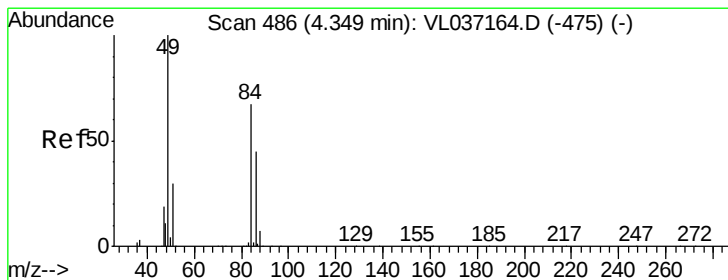
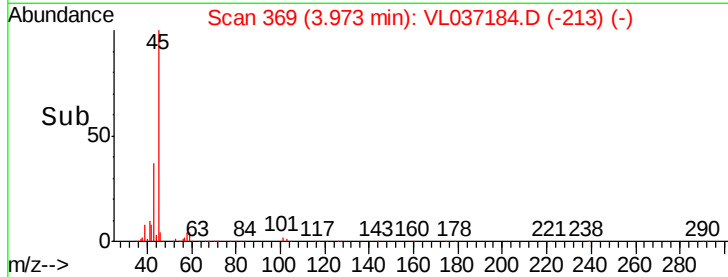
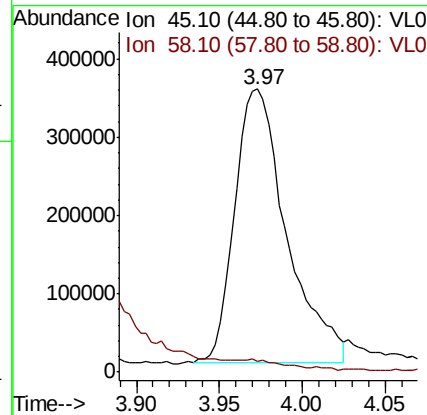
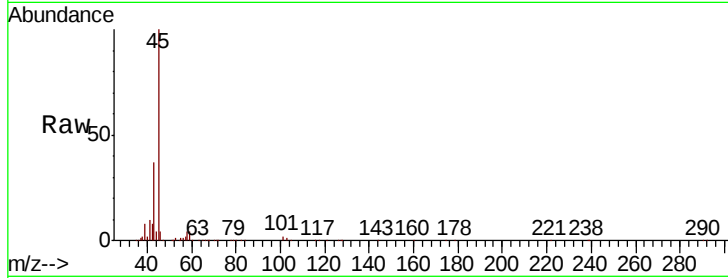
Isopropyl Alcohol
 Concen: 7.308 ppbv
 RT: 3.97 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: VL037184.D
 Acq: 17 Jun 2021 00:07

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAYROOM-1DUP

Tot Ion	Ratio	Lower	Upper
45	100		
58	197.6	2.4	3.6#

Manual Integrations
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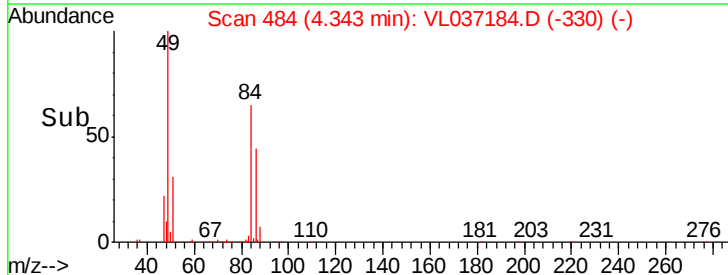
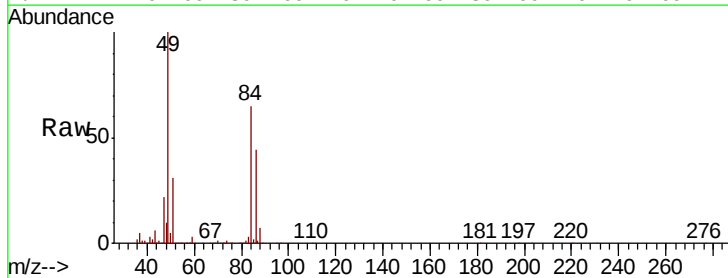
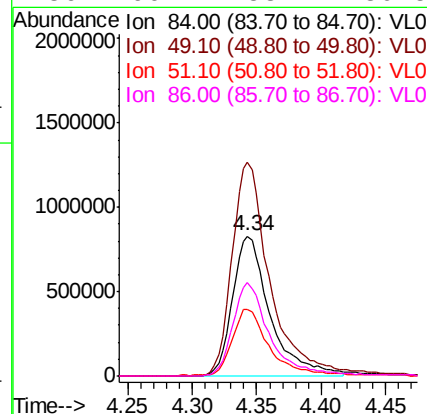
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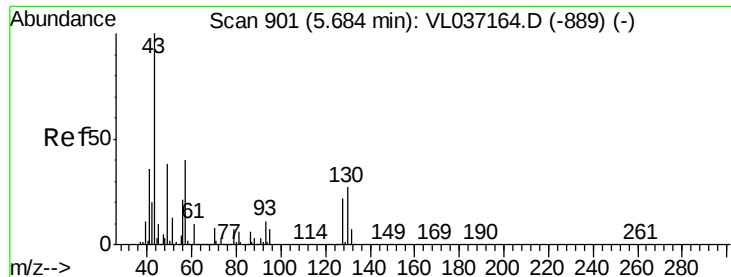


#20

Methylene Chloride
 Concen: 16.242 ppbv
 RT: 4.34 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: VL037184.D
 Acq: 17 Jun 2021 00:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	152.7	119.7	179.5
51	47.0	36.1	54.1
86	66.7	53.7	80.5





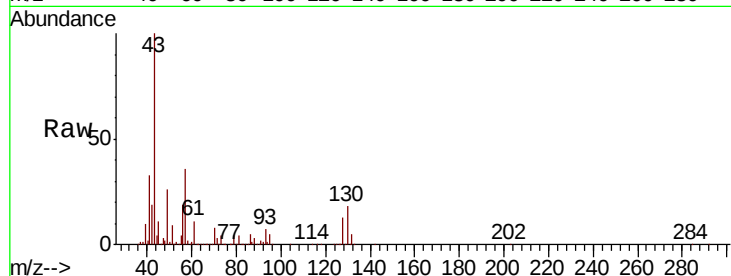
#25
Ethyl Acetate
Concen: 16.397 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1DUP

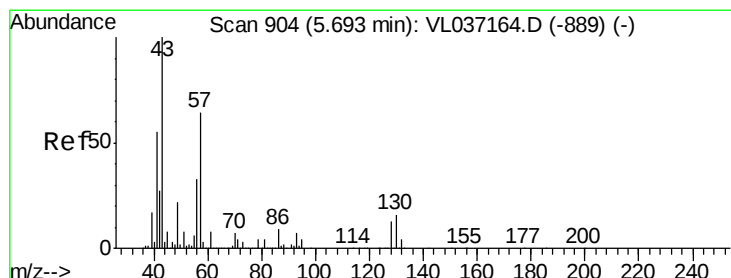
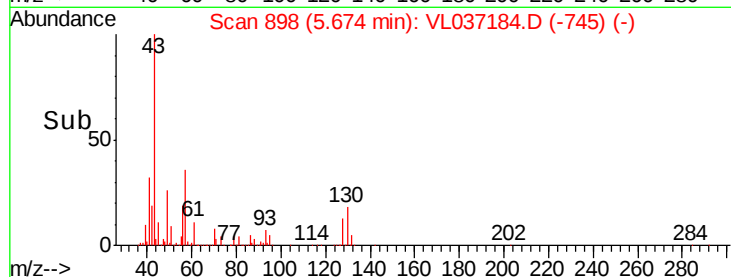
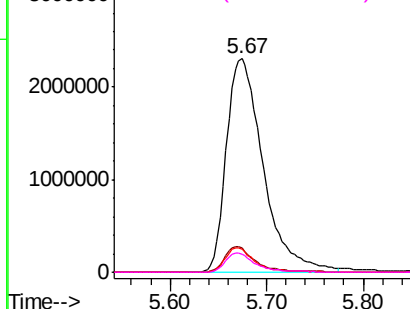
Tot Ion	Ion	Ratio	Lower	Upper
43	100			
45	10.2	8.0	12.0	
61	9.6	8.1	12.1	
70	7.6	5.5	8.3	

Manual Integrations
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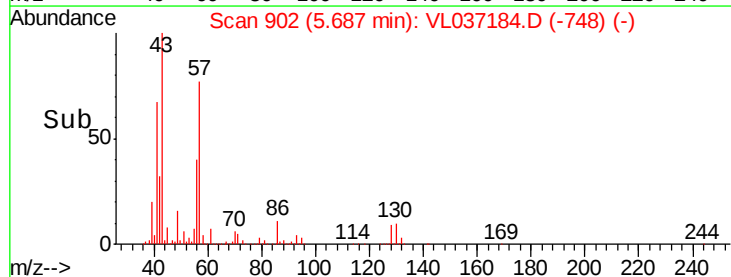
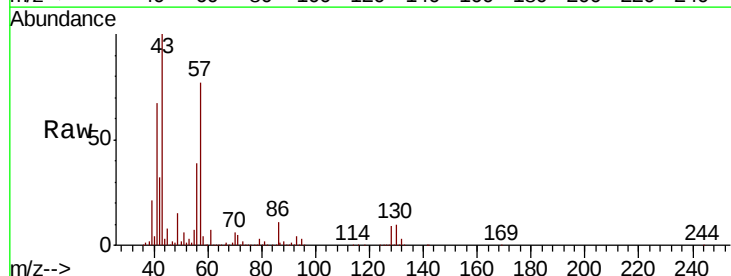
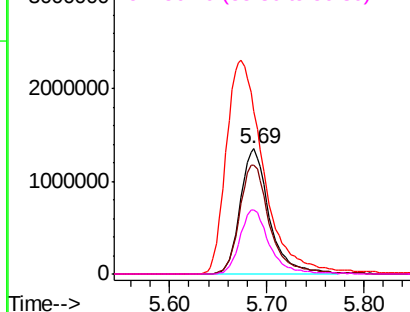
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

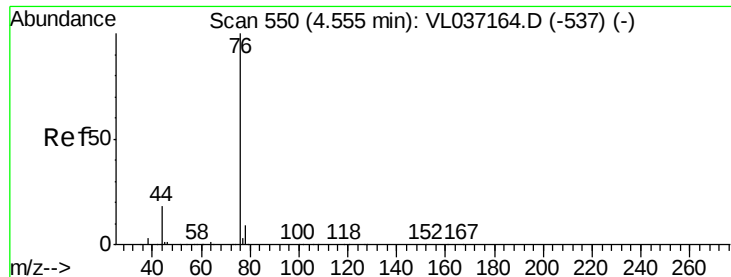


#26
Hexane
Concen: 14.918 ppbv m
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Tgt Ion	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: 0.279 ppbv

RT: 4.55 min Scan# 549

Delta R.T. -0.00 min

Lab File: VL037184.D

Acq: 17 Jun 2021 00:07

Instrument :

MSVOA_L

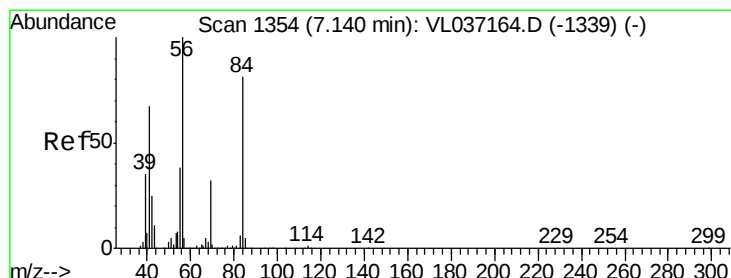
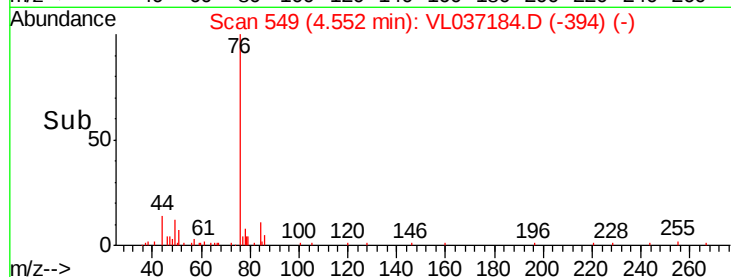
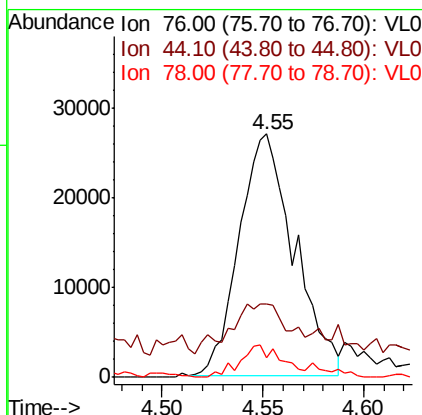
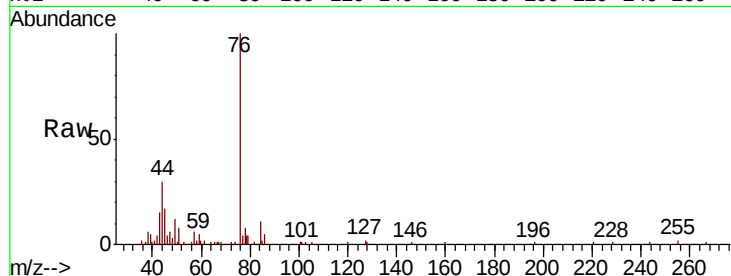
ClientSampleId :

IA-PLAYROOM-1DUP

Tot Ion:	76	Resp:	51438
Ion Ratio	Lower	Upper	
76	100		
44	33.0	15.4	23.2#
78	12.6	8.0	12.0#

Manual Integrations
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#30

Cyclohexane

Concen: 2.546 ppbv

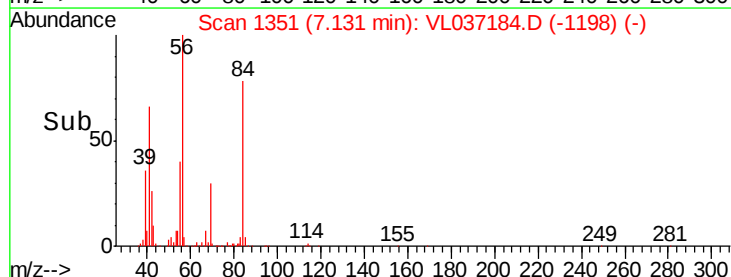
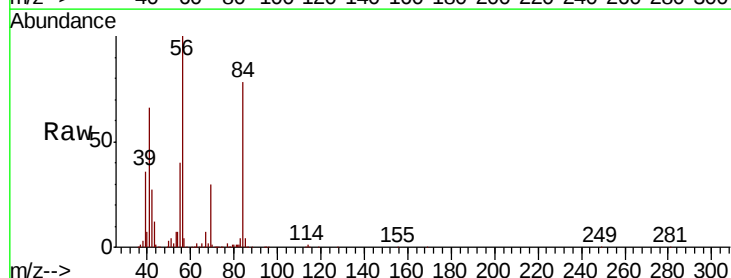
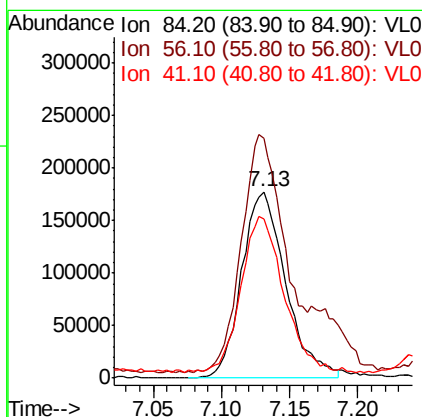
RT: 7.13 min Scan# 1351

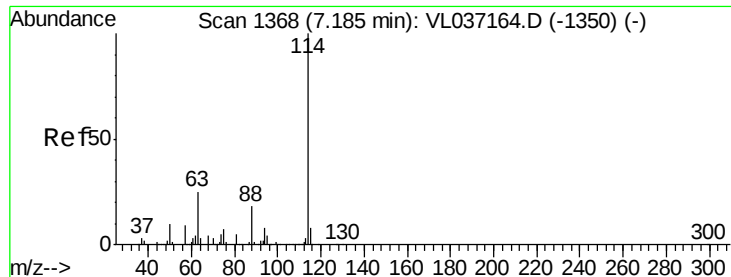
Delta R.T. -0.01 min

Lab File: VL037184.D

Acq: 17 Jun 2021 00:07

Tgt Ion:	84	Resp:	398719
Ion Ratio	Lower	Upper	
84	100		
56	160.6	107.7	161.5
41	91.0	69.0	103.6





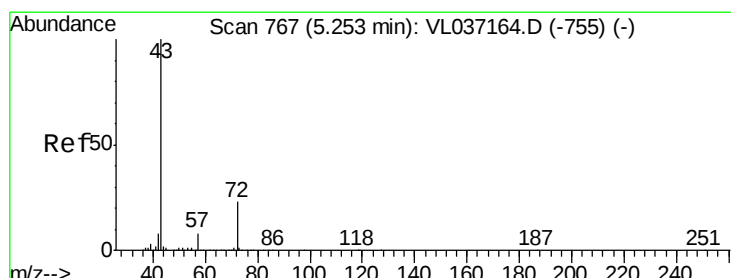
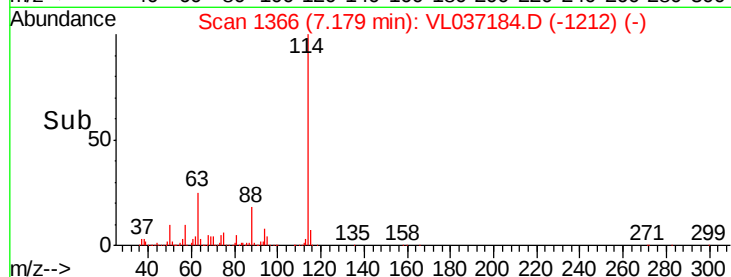
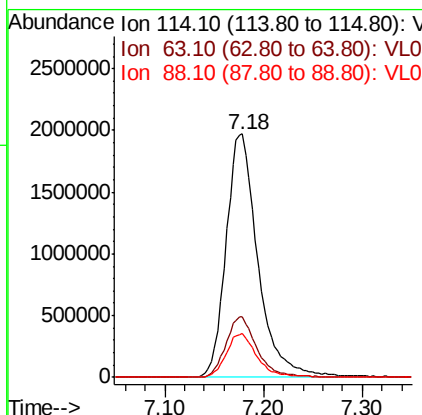
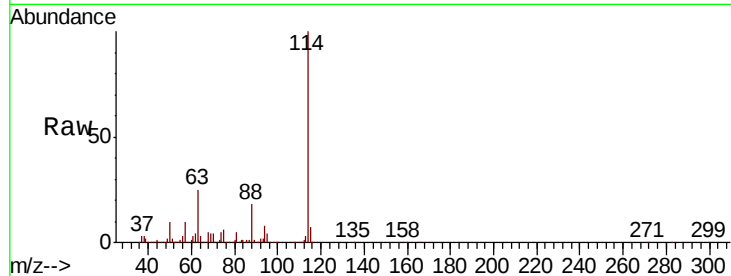
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: VL037184.D
 Acq: 17 Jun 2021 00:07

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAYROOM-1DUP

Tot Ion:114 Resp: 4434334
 Ion Ratio Lower Upper
 114 100
 63 24.7 19.6 29.4
 88 17.6 14.2 21.2

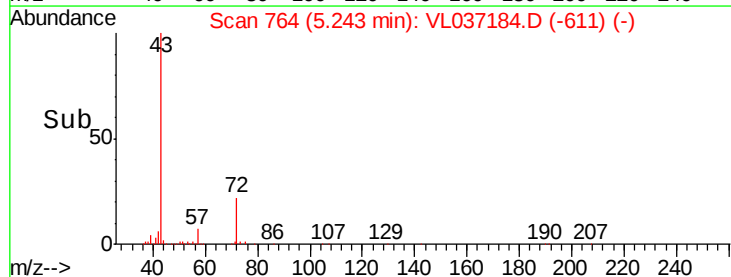
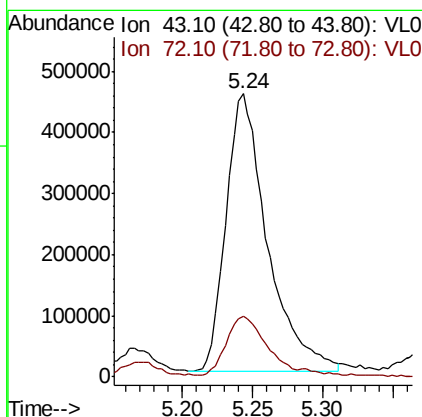
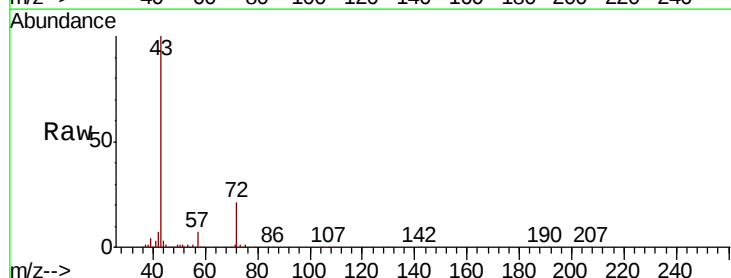
Manual Integrations
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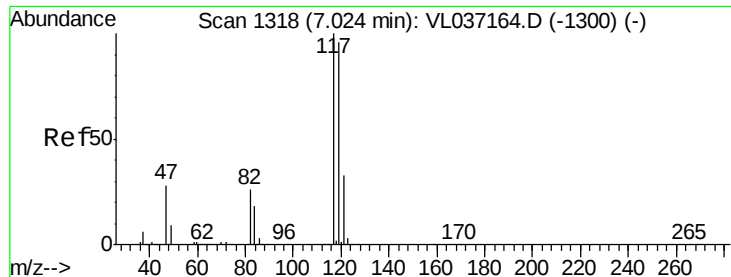
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#34
 2-Butanone
 Concen: 5.407 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: VL037184.D
 Acq: 17 Jun 2021 00:07

Tgt Ion: 43 Resp: 932416
 Ion Ratio Lower Upper
 43 100
 72 23.5 18.9 28.3





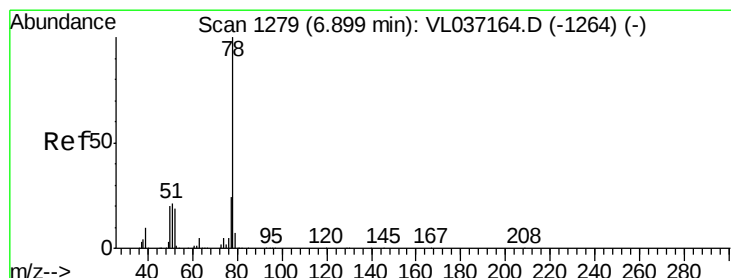
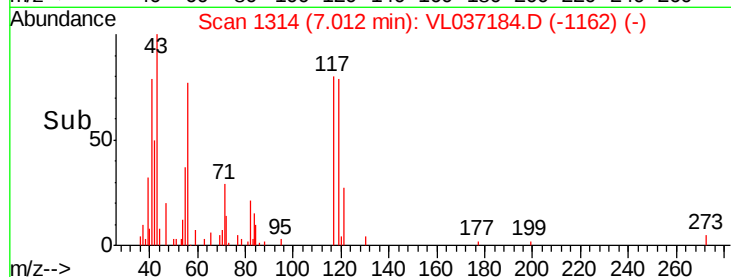
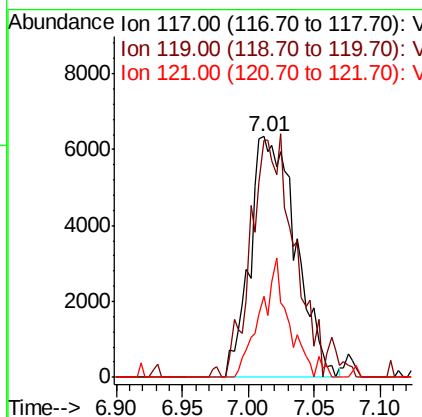
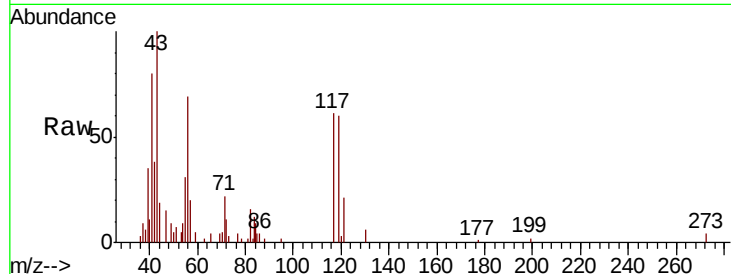
#35
Carbon Tetrachloride
Concen: 0.051 ppbv m
RT: 7.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1DUP

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.8	76.6	114.8
121	33.9	26.4	39.6

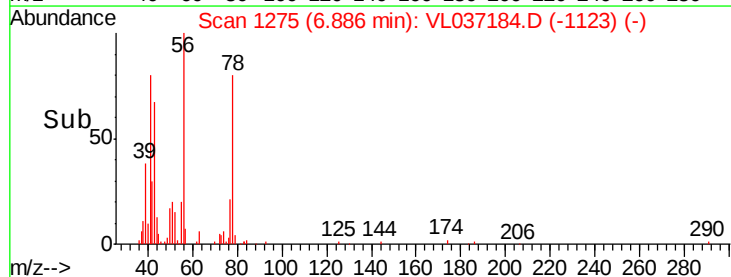
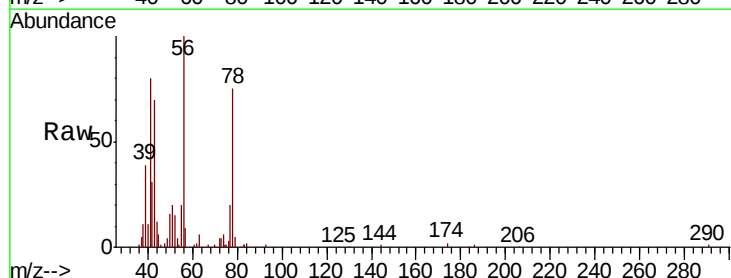
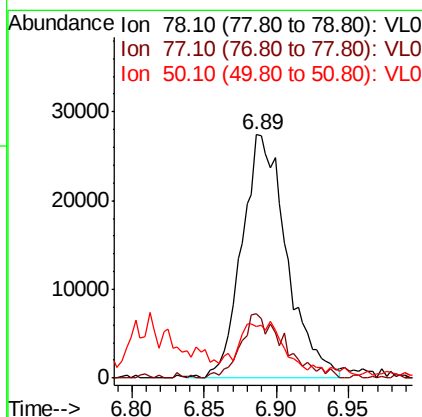
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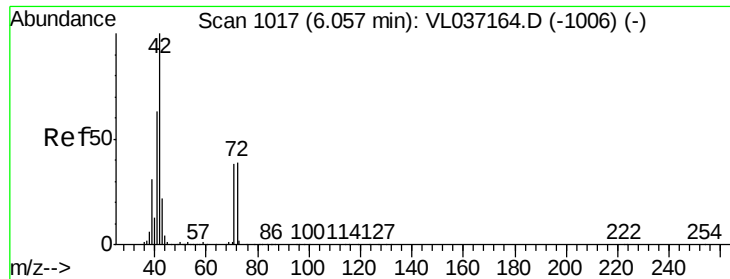
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#36
Benzene
Concen: 0.165 ppbv m
RT: 6.89 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.6	19.0	28.6
50	21.3	15.7	23.5





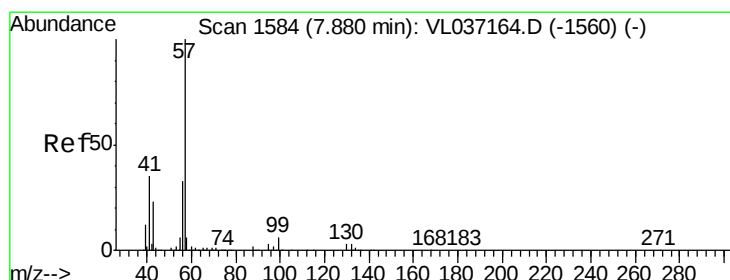
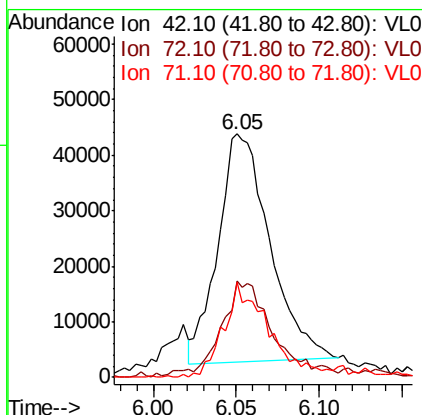
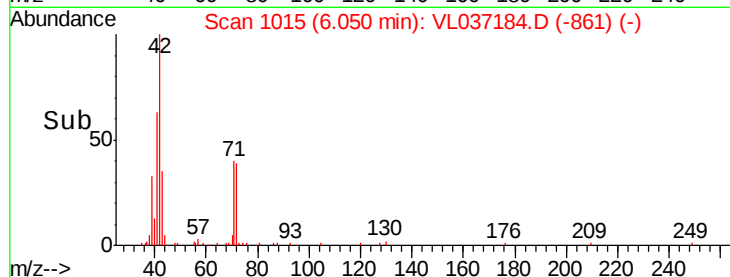
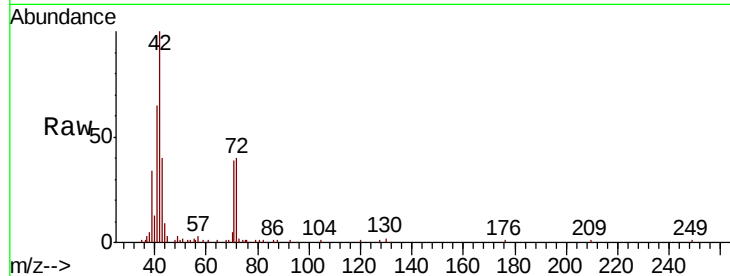
#41
Tetrahydrofuran
Concen: 1.114 ppbv
RT: 6.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1DUP

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	33.0	49.4
71	39.8	31.0	46.6

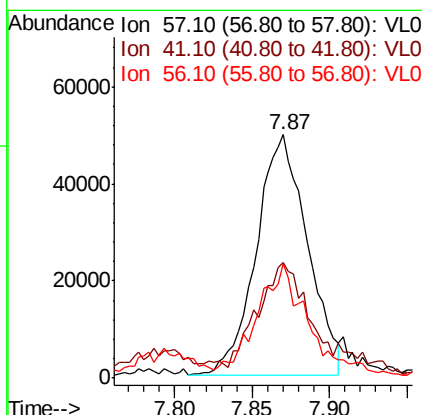
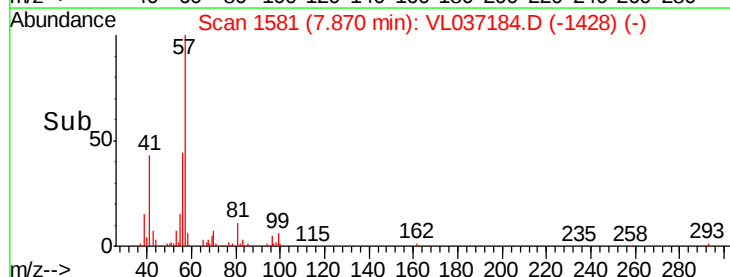
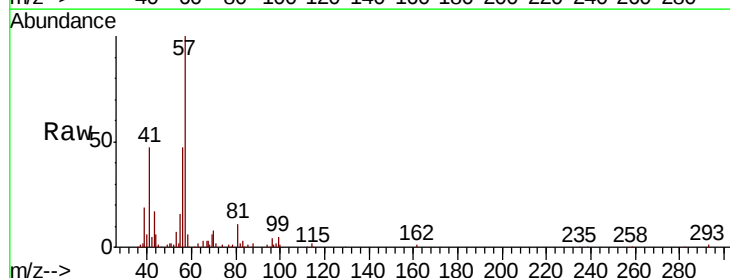
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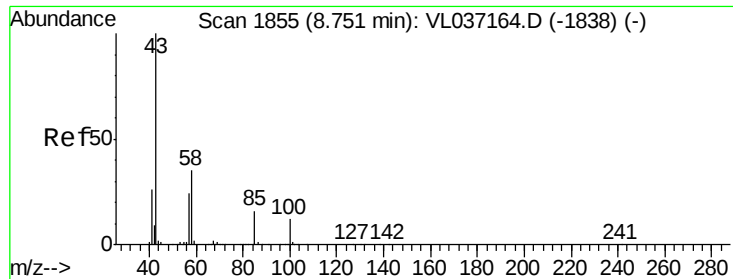
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#44
2,2,4-Trimethylpentane
Concen: 0.189 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Tgt Ion	Ratio	Lower	Upper
57	100		
41	53.4	27.6	41.4#
56	45.6	25.3	37.9#





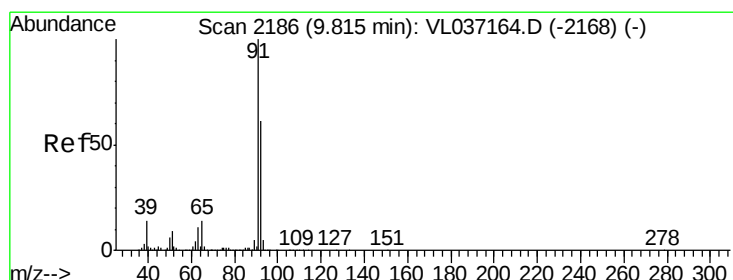
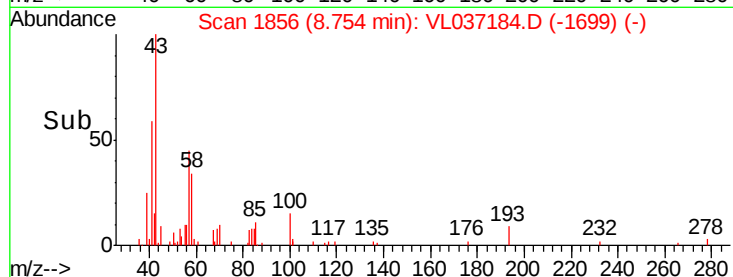
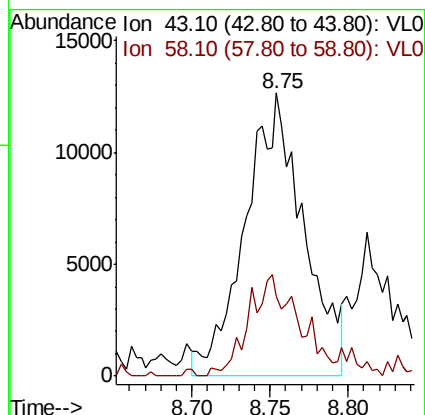
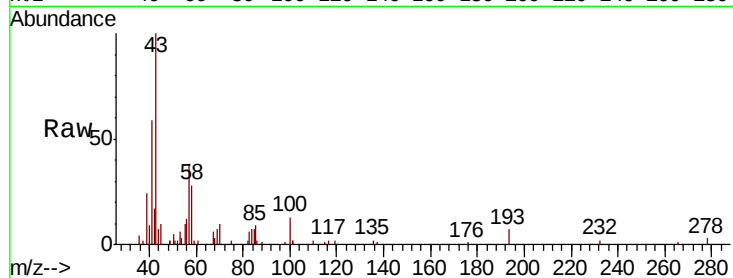
#50
4-Methyl-2-Pentanone
Concen: 0.139 ppbv m
RT: 8.75 min Scan# 1856
Delta R.T. 0.00 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1DUP

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	42.6#

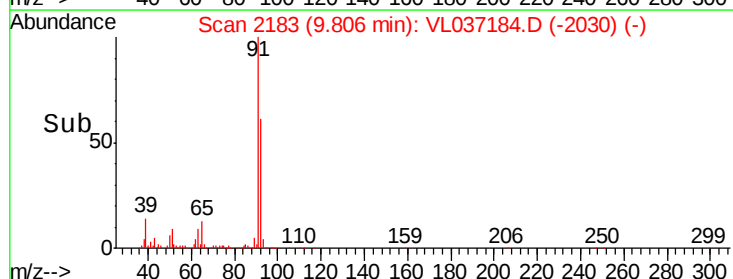
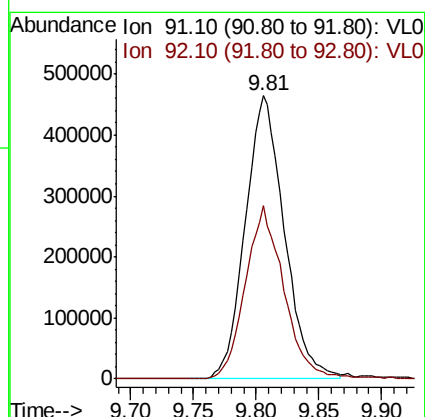
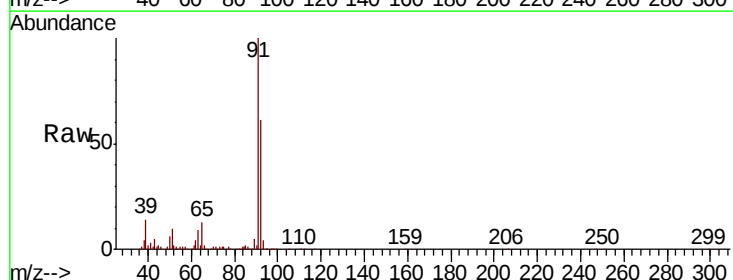
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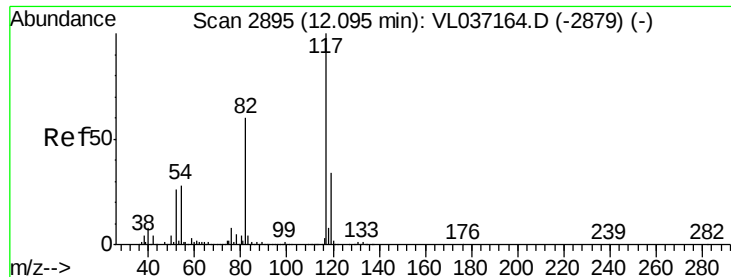
MMDadoda
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#53
Toluene
Concen: 2.351 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.3	72.5





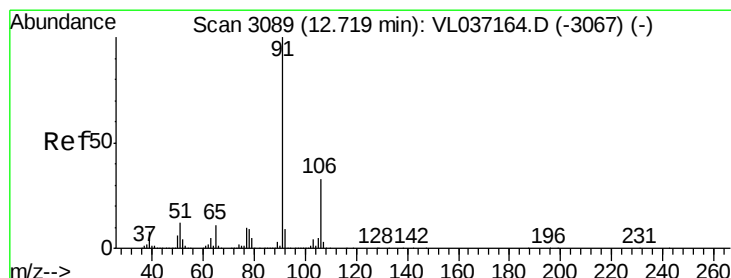
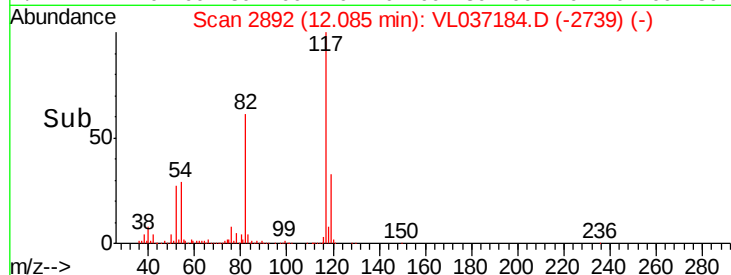
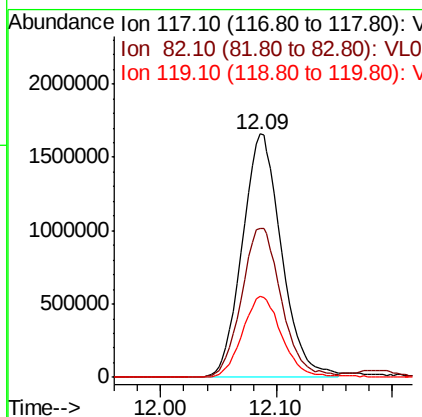
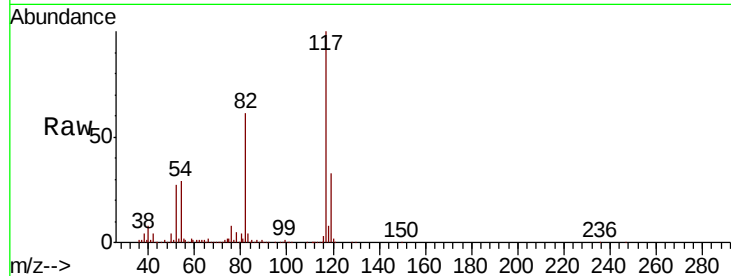
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1DUP

Tot Ion: 117 Resp: 3904371
Ion Ratio Lower Upper
117 100
82 62.4 51.7 77.5
119 34.0 47.6 71.4#

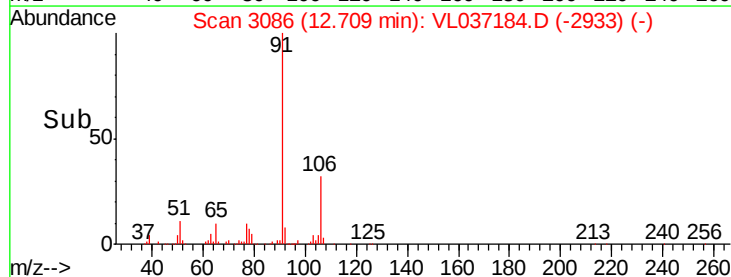
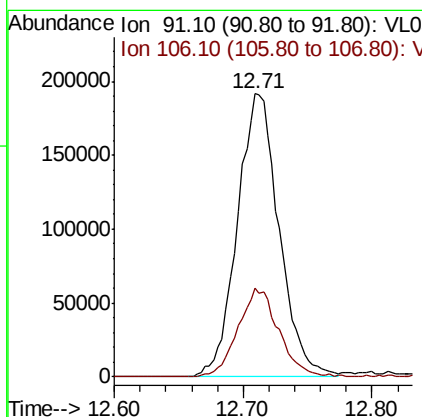
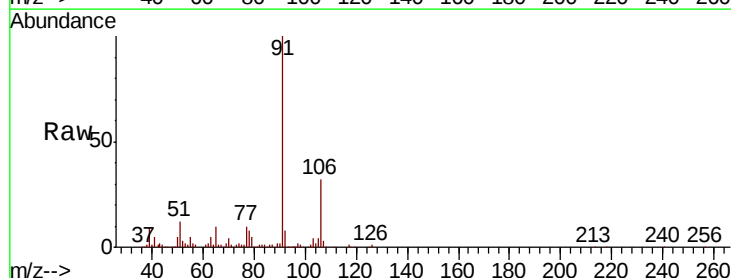
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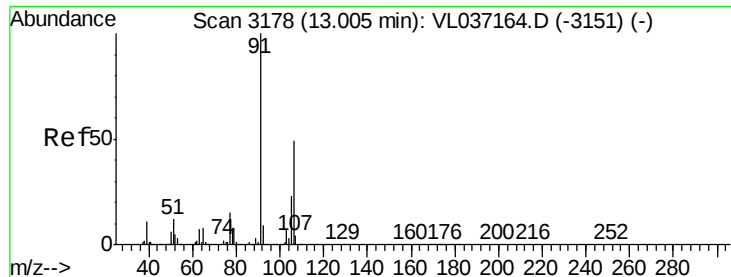
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#58
Ethyl Benzene
Concen: 0.802 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Tgt Ion: 91 Resp: 430881
Ion Ratio Lower Upper
91 100
106 31.5 26.3 39.5





#59

m/p-Xylene

Concen: 2.813 ppbv

RT: 12.97 min Scan# 3167

Delta R.T. -0.04 min

Lab File: VL037184.D

Acq: 17 Jun 2021 00:07

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DUP

Tot Ion: 91 Resp: 1281244

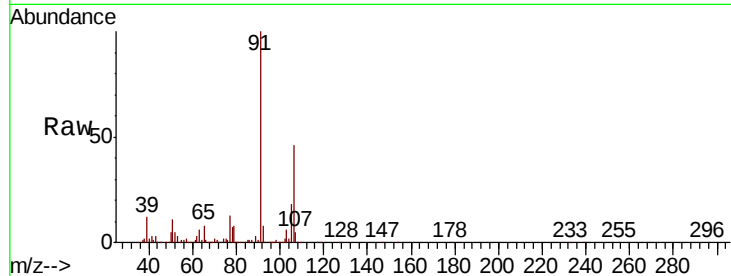
Ion Ratio Lower Upper

91 100

106 47.8 37.0 55.4

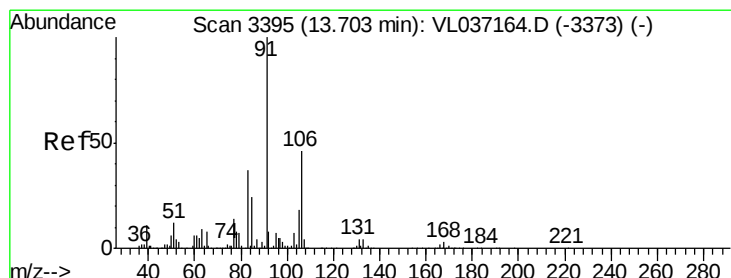
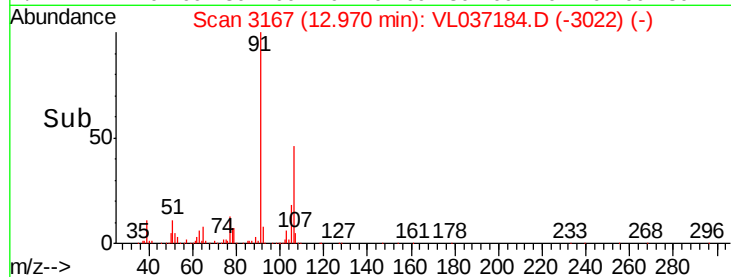
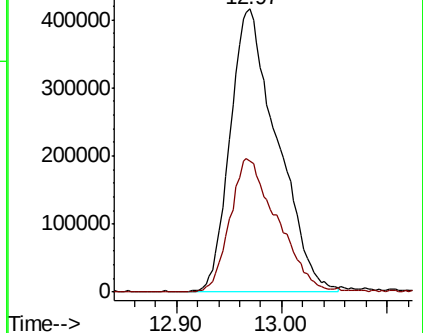
Manual Integrations
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 1.316 ppbv

RT: 13.69 min Scan# 3392

Delta R.T. -0.01 min

Lab File: VL037184.D

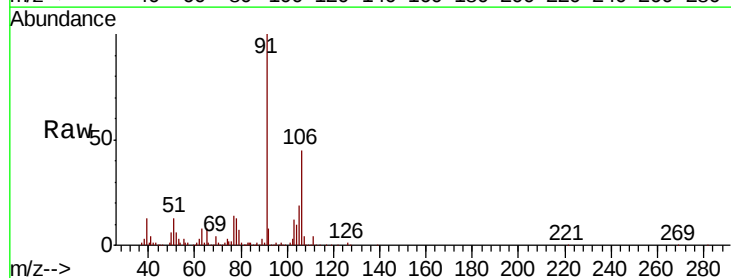
Acq: 17 Jun 2021 00:07

Tgt Ion: 91 Resp: 570876

Ion Ratio Lower Upper

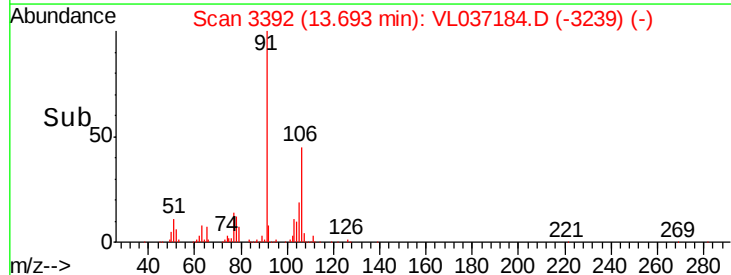
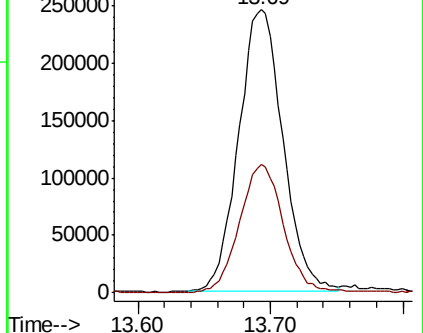
91 100

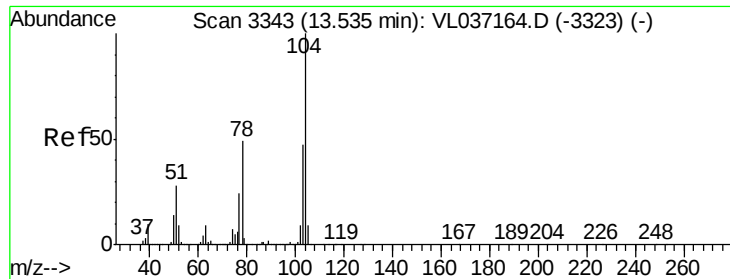
106 45.4 23.0 69.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Stvrene

Concen: 28.601 ppbv

RT: 13.53 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VL037184.D

Acq: 17 Jun 2021 00:07

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DUP

Tot Ion:104 Resp: 6402125

Ion Ratio Lower Upper

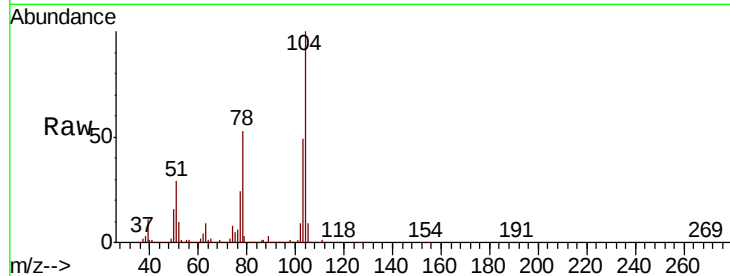
104 100

78 52.9 39.7 59.5

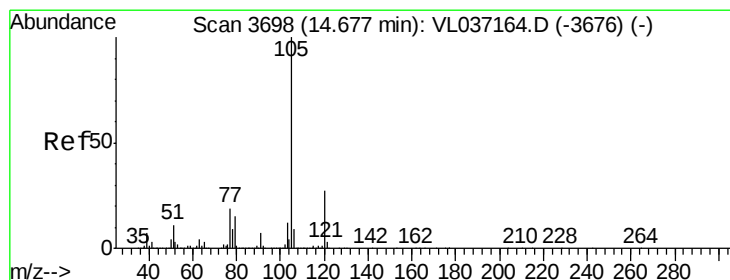
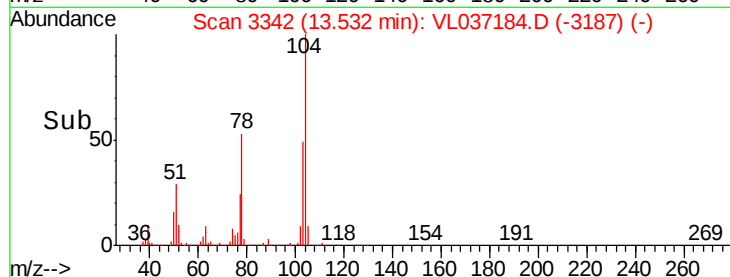
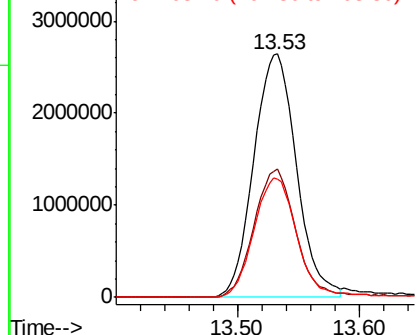
103 50.2 37.6 56.4

Manual Integrations
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Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.221 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. -0.01 min

Lab File: VL037184.D

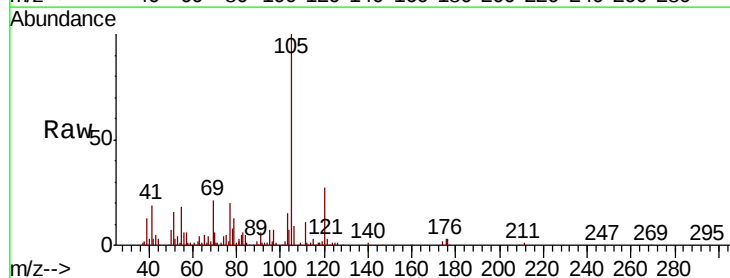
Acq: 17 Jun 2021 00:07

Tgt Ion:105 Resp: 136489

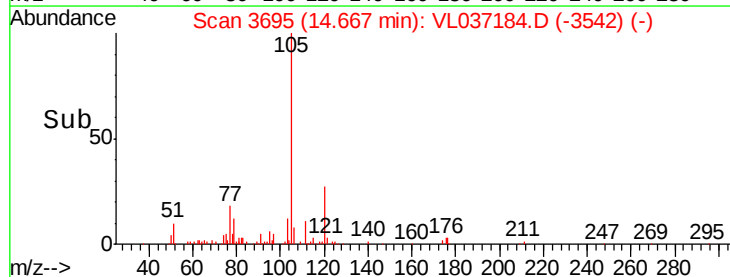
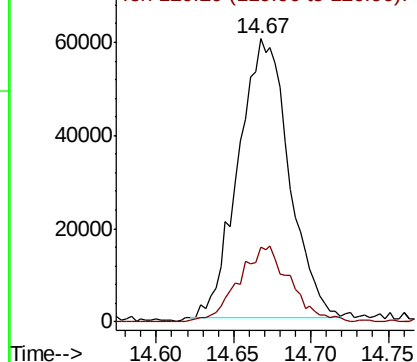
Ion Ratio Lower Upper

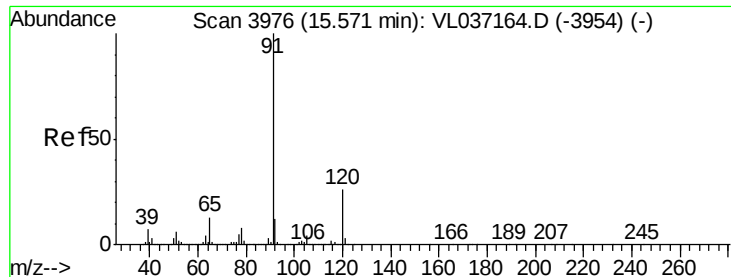
105 100

120 27.9 21.6 32.4



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





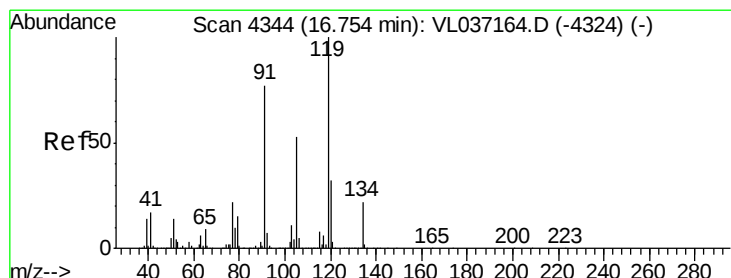
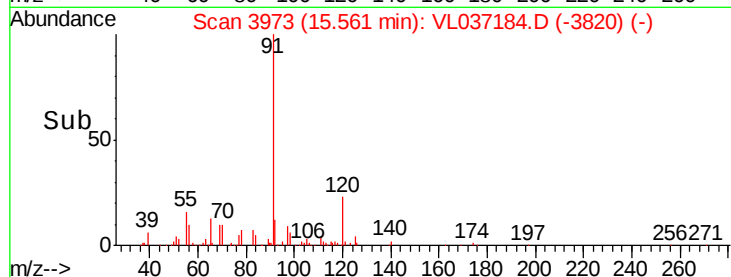
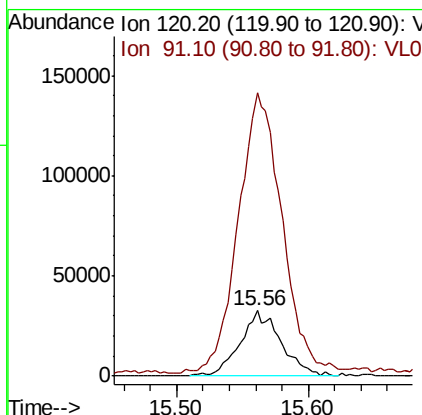
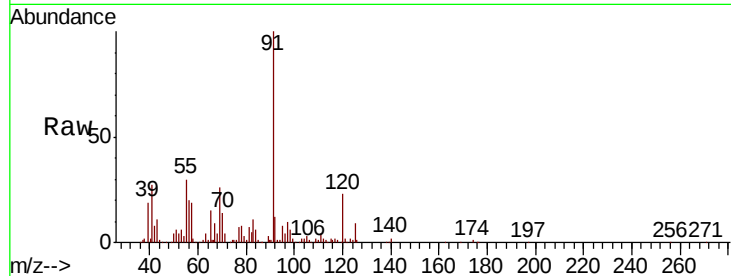
#64
n-propylbenzene
Concen: 0.455 ppbv m
RT: 15.56 min Scan# 3973
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1DUP

Tot Ion	Ratio	Lower	Upper
120	100		
91	469.1	343.3	514.9

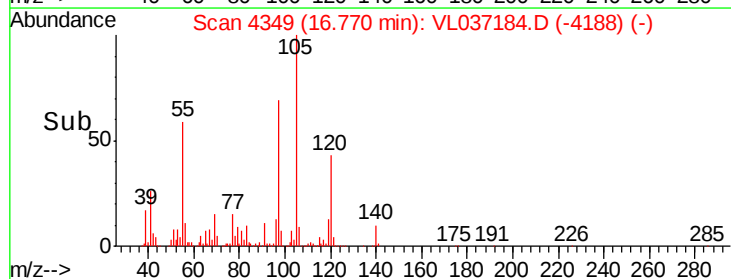
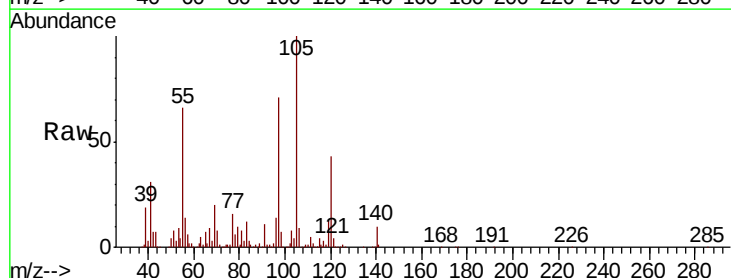
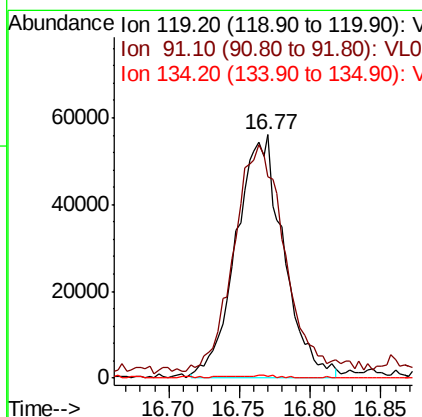
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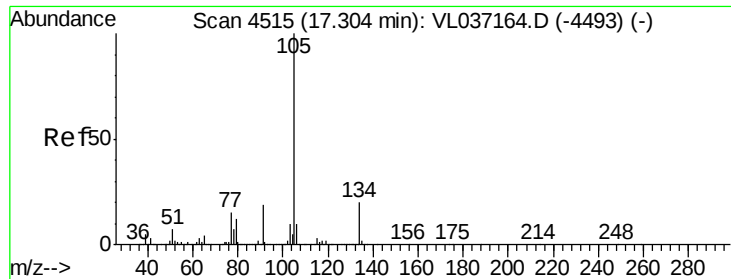
MMDadoda
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#65
tert-Butylbenzene
Concen: 0.239 ppbv m
RT: 16.77 min Scan# 4349
Delta R.T. 0.02 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Tgt Ion	Ratio	Lower	Upper
119	100		
91	100.5	62.6	93.8#
134	1.3	16.2	24.4#





#67

sec-Butylbenzene

Concen: 0.157 ppbv m

RT: 17.30 min Scan# 4513

Delta R.T. -0.01 min

Lab File: VL037184.D

Acq: 17 Jun 2021 00:07

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DUP

Tot Ion: 105 Resp: 114531

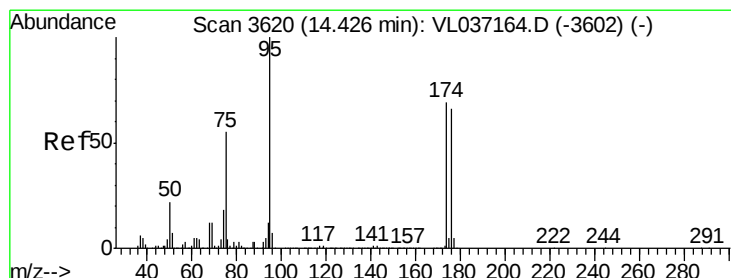
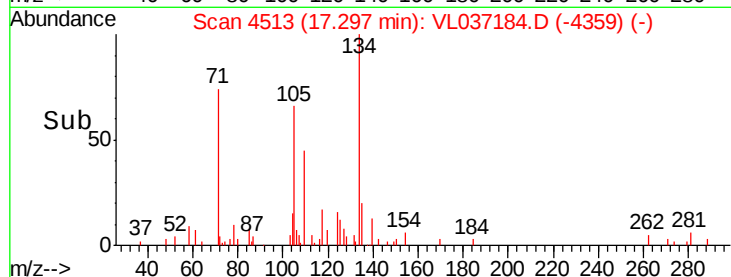
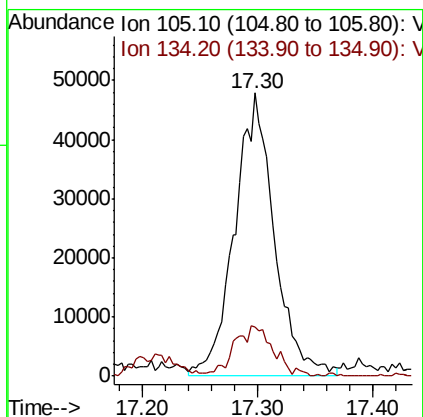
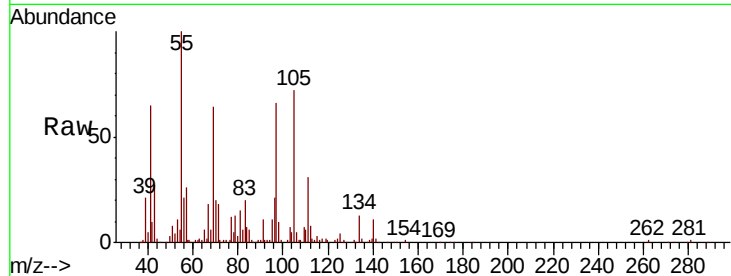
Ion Ratio Lower Upper

105 100

134 8.1 15.8 23.6#

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.491 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.01 min

Lab File: VL037184.D

Acq: 17 Jun 2021 00:07

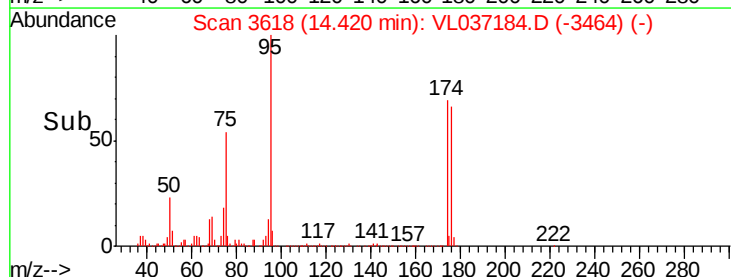
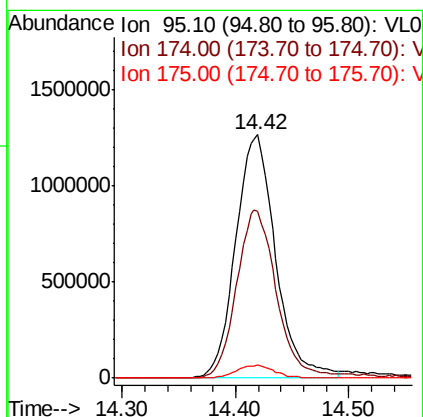
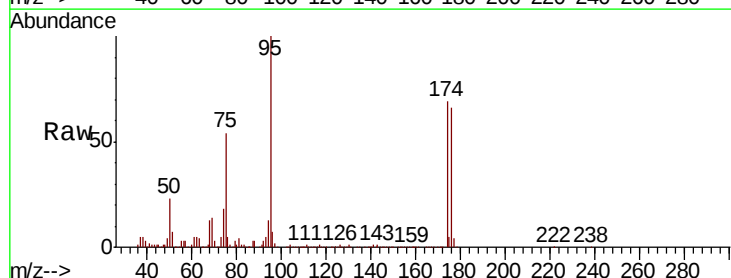
Tgt Ion: 95 Resp: 3103773

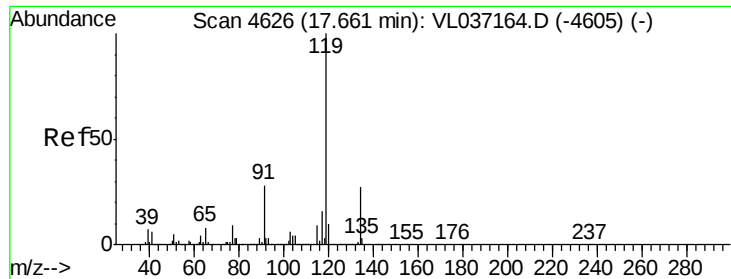
Ion Ratio Lower Upper

95 100

174 71.7 57.0 85.4

175 5.4 4.4 6.6





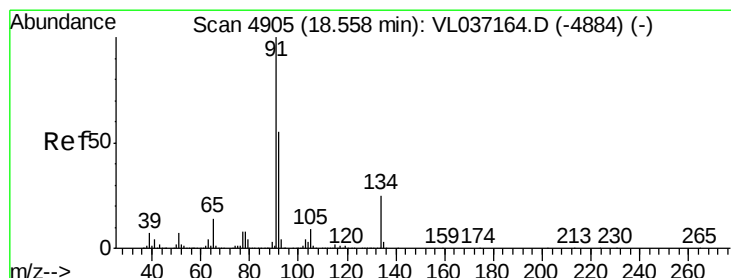
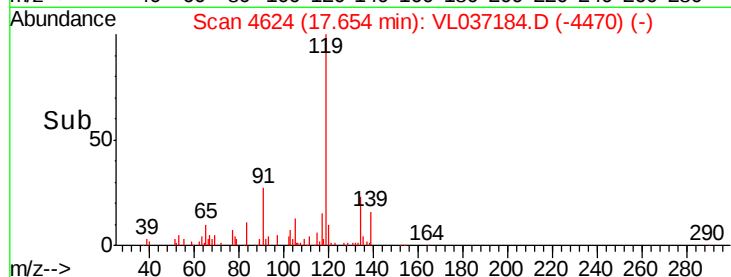
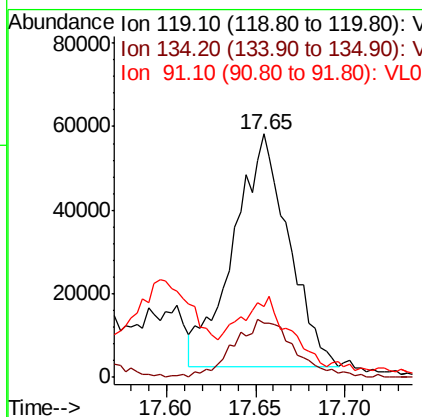
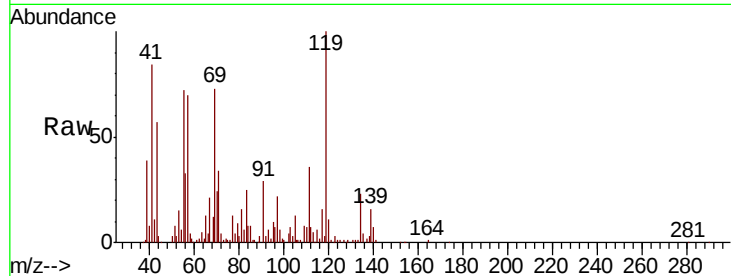
#69
p-Isopropyltoluene
Concen: 0.195 ppbv
RT: 17.65 min Scan# 4624
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1DUP

Tot Ion	Ratio	Resp	Lower	Upper
119	100	120266		
134	27.5	20.9	31.3	
91	32.9	22.6	34.0	

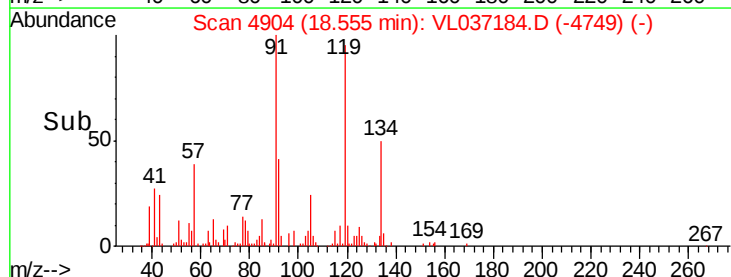
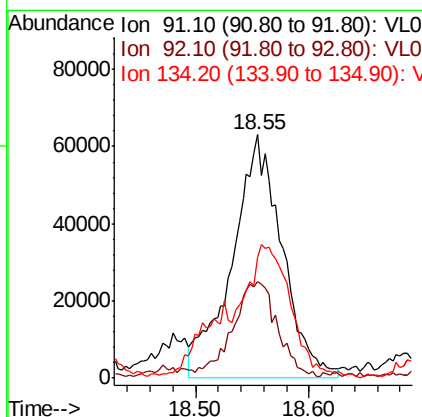
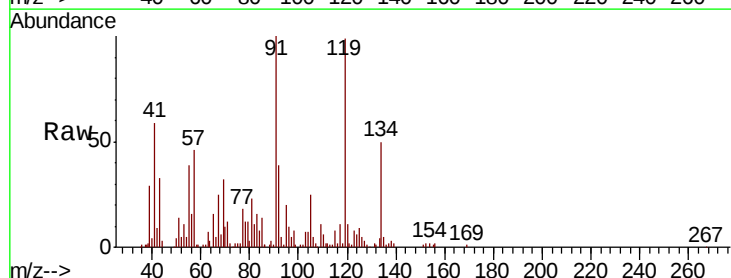
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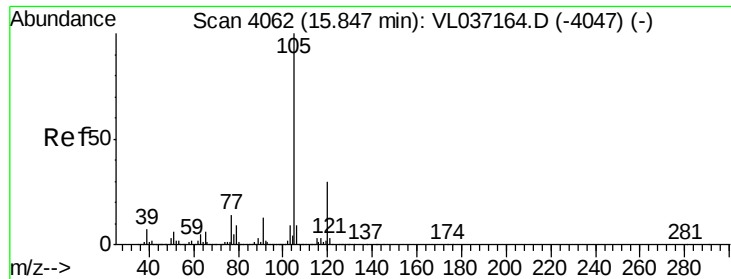
MMDadoda
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#70
n-Butylbenzene
Concen: 0.339 ppbv m
RT: 18.55 min Scan# 4904
Delta R.T. -0.00 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	193069		
92	38.4	44.0	66.0#	
134	0.0	20.2	30.4#	





#72

4-Ethyltoluene

Concen: 0.702 ppbv m

RT: 15.85 min Scan# 4062

Delta R.T. 0.00 min

Lab File: VL037184.D

Acq: 17 Jun 2021 00:07

Instrument :

MSVOA_L

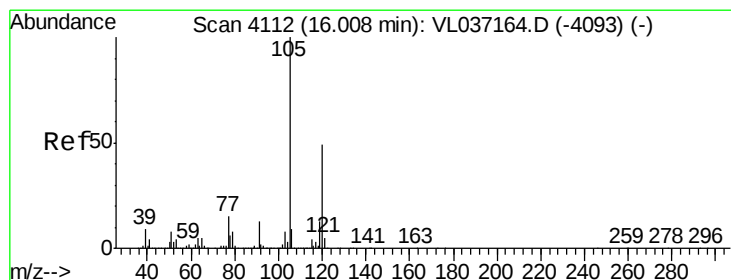
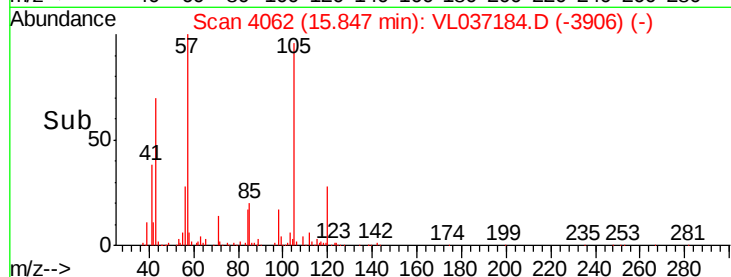
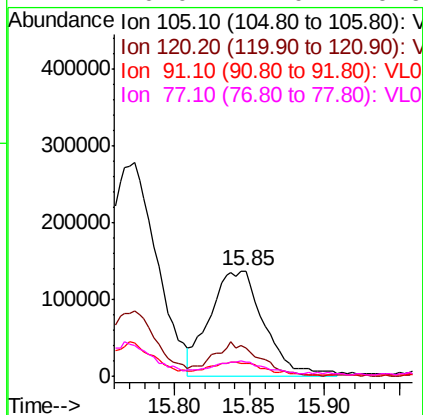
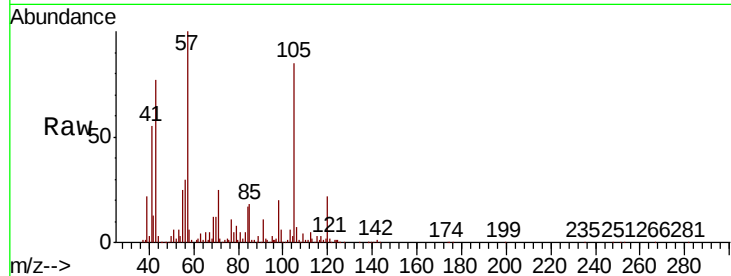
ClientSampleId :

IA-PLAYROOM-1DUP

Tot Ion:	105	Resp:	345829
Ion Ratio	Lower	Upper	
105	100		
120	29.3	24.7	37.1
91	0.0	10.2	15.4#
77	0.0	11.0	16.6#

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#73

1,3,5-Trimethylbenzene

Concen: 0.784 ppbv

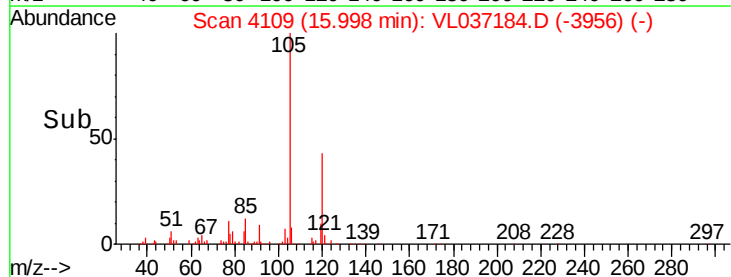
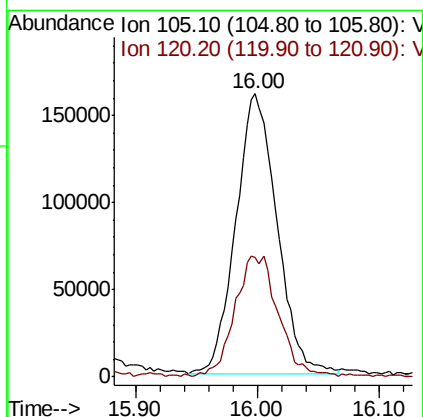
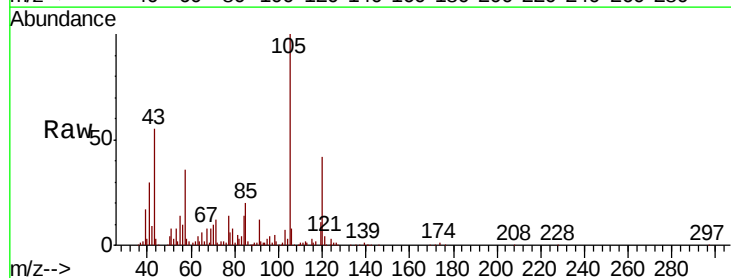
RT: 16.00 min Scan# 4109

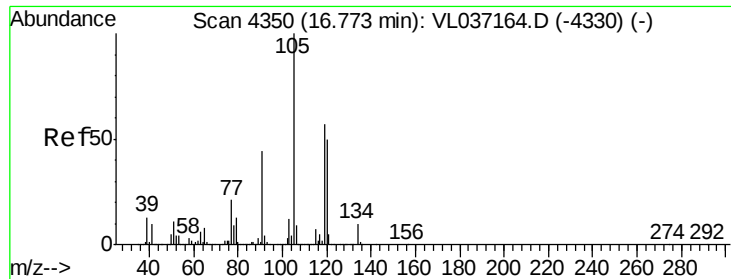
Delta R.T. -0.01 min

Lab File: VL037184.D

Acq: 17 Jun 2021 00:07

Tgt Ion:	105	Resp:	373386
Ion Ratio	Lower	Upper	
105	100		
120	42.5	39.4	59.2





#74

1,2,4-Trimethylbenzene

Concen: 2.235 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. -0.01 min

Lab File: VL037184.D

Acq: 17 Jun 2021 00:07

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1DUP

Tot Ion:105 Resp: 1096646

Ion Ratio Lower Upper

105 100

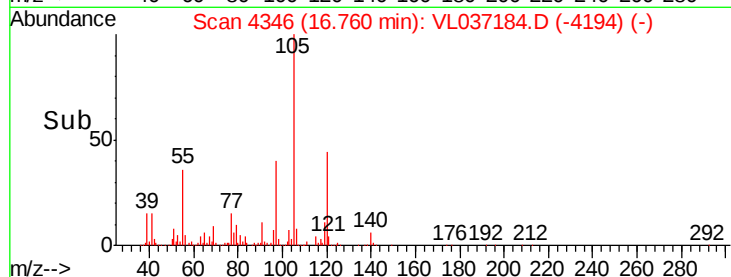
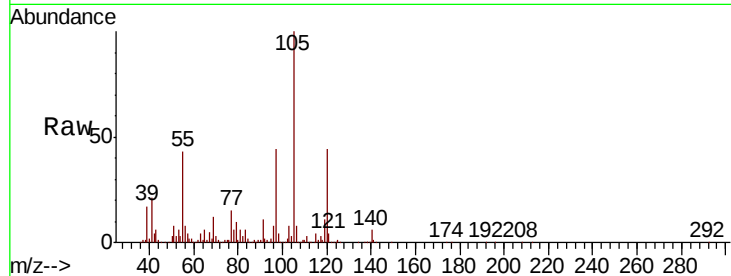
120 43.9 39.8 59.8

91 10.5 37.0 55.4#

77 14.4 17.0 25.4#

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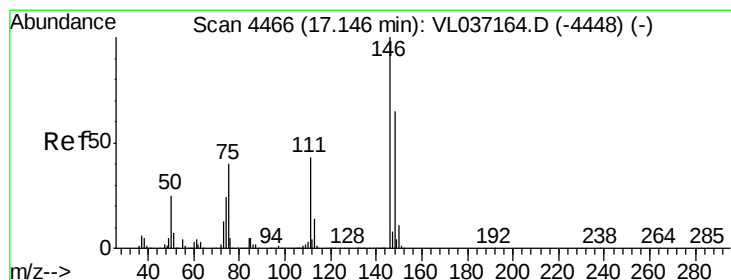
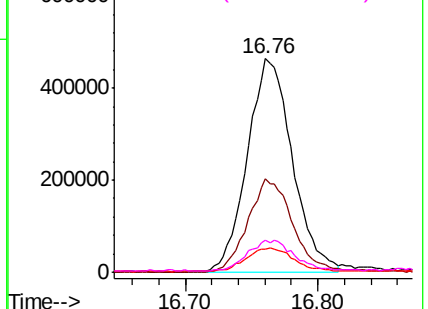


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VLO

Ion 77.10 (76.80 to 77.80): VLO



#76

1,4-Dichlorobenzene

Concen: 0.219 ppbv m

RT: 17.14 min Scan# 4465

Delta R.T. -0.00 min

Lab File: VL037184.D

Acq: 17 Jun 2021 00:07

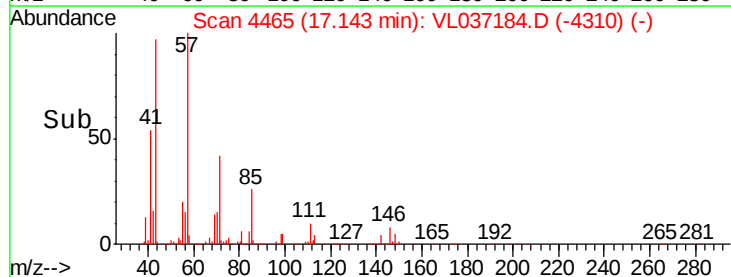
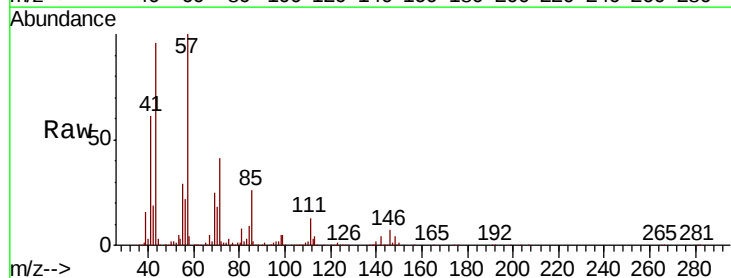
Tgt Ion:146 Resp: 65205

Ion Ratio Lower Upper

146 100

111 0.0 22.7 68.0#

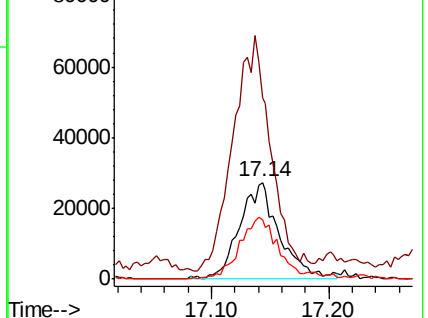
148 0.0 33.7 101.1#

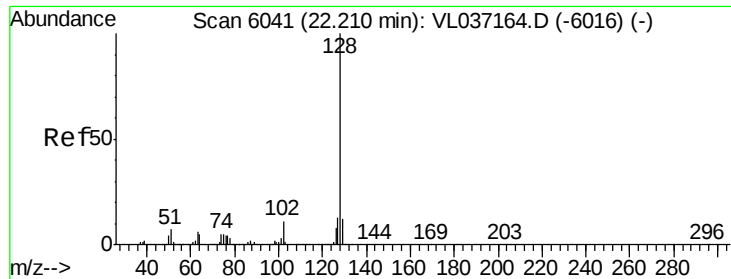


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#79
Naphthalene
Concen: 0.114 ppbv m
RT: 22.20 min Scan# 6039
Delta R.T. -0.01 min
Lab File: VL037184.D
Acq: 17 Jun 2021 00:07

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1DUP

Tot Ion	Ratio	Lower	Upper
128	100		
127	19.5	10.7	16.1#
129	9.7	9.3	13.9

Manual Integrations
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6/17/2021 5:39:28 PM

