

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037183.D
 Acq On : 16 Jun 2021 23:25
 Operator : SY/AP
 Sample : M2721-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 IA-PLAYROOM-1

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:38:24 PM

Quant Time: Jun 17 15:46:01 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	5.67	49	1516892	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4465515	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4036418	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3203076	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	58401	0.221	ppbv	91
4) Chloromethane	3.14	50	56002	0.570	ppbv	95
10) Heptane	8.12	43	77359m	0.339	ppbv	
11) Trichlorofluoromethane	3.95	101	54487	0.194	ppbv	95
13) Ethanol	3.61	45	3105673	212.877	ppbv	47
15) Acetone	3.84	43	3917199m	22.900	ppbv	
17) tert-Butyl alcohol	4.30	59	697988	4.415	ppbv	98
19) Isopropyl Alcohol	3.97	45	748661	7.226	ppbv #	1
20) Methylene Chloride	4.34	84	1671285	16.320	ppbv	98
25) Ethyl Acetate	5.67	43	5997092	16.195	ppbv	99
26) Hexane	5.69	57	2719769m	14.532	ppbv	
27) Carbon Disulfide	4.55	76	51855	0.283	ppbv #	80
30) Cyclohexane	7.13	84	375763	2.410	ppbv	90
34) 2-Butanone	5.24	43	918624	5.290	ppbv	97
35) Carbon Tetrachloride	7.02	117	15754m	0.053	ppbv	
36) Benzene	6.90	78	60373m	0.167	ppbv	
41) Tetrahydrofuran	6.05	42	71259	0.883	ppbv #	82
44) 2,2,4-Trimethylpentane	7.87	57	105702	0.174	ppbv #	65
50) 4-Methyl-2-Pentanone	8.75	43	28247	0.118	ppbv	97
53) Toluene	9.81	91	977748	2.267	ppbv	99
58) Ethyl Benzene	12.71	91	419373	0.755	ppbv	95
59) m/p-Xylene	12.97	91	1252005	2.659	ppbv	97
60) o-Xylene	13.70	91	565804	1.262	ppbv	98
61) Styrene	13.53	104	6497398	28.077	ppbv	97
62) Isopropylbenzene	14.67	105	143594m	0.225	ppbv	
64) n-propylbenzene	15.56	120	67451m	0.422	ppbv	
65) tert-Butylbenzene	16.76	119	124607	0.220	ppbv #	66
67) sec-Butylbenzene	17.29	105	113001m	0.150	ppbv	
69) p-Isopropyltoluene	17.65	119	126445	0.199	ppbv	96
70) n-Butylbenzene	18.55	91	183074m	0.311	ppbv	
72) 4-Ethyltoluene	15.84	105	314247	0.617	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.00	105	380985m	0.774	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	1073029	2.115	ppbv #	72
76) 1,4-Dichlorobenzene	17.14	146	58884	0.191	ppbv #	1
79) Naphthalene	22.20	128	51487m	0.122	ppbv	

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

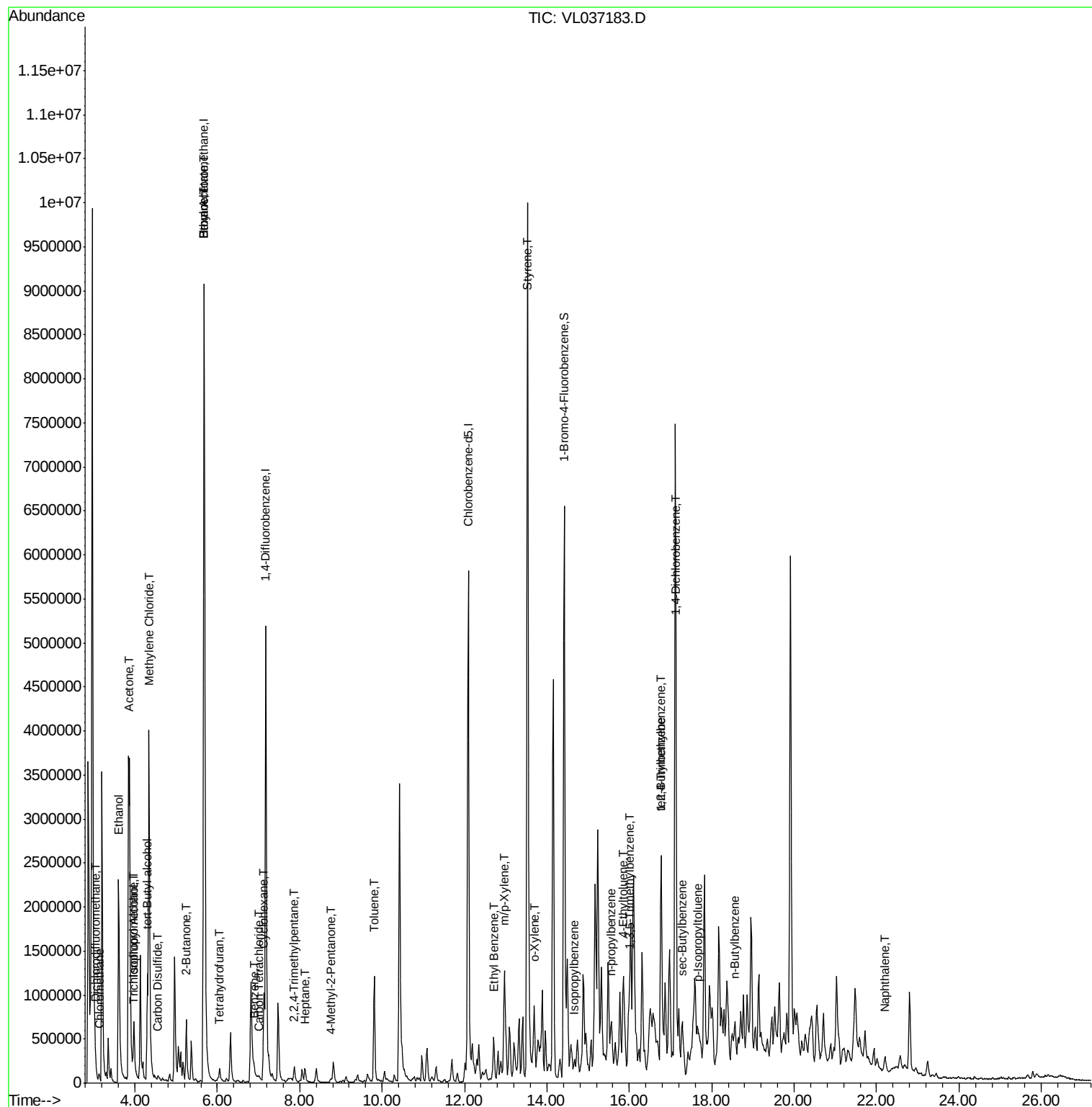
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL061621\
Data File : VL037183.D
Acq On : 16 Jun 2021 23:25
Operator : SY/AP
Sample : M2721-01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

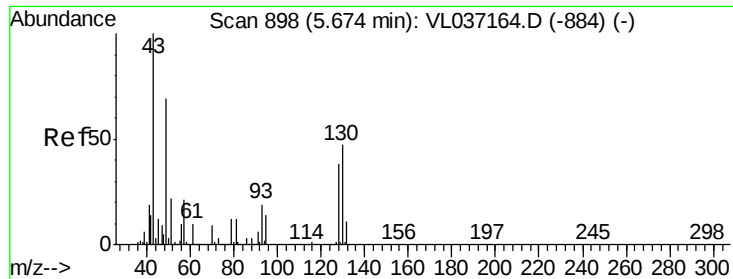
Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1

Manual Integrations
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6/17/2021 5:38:24 PM

Quant Time: Jun 17 15:46:01 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: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1

Tot Ion: 49 Resp: 1516892

Ion Ratio Lower Upper

49 100

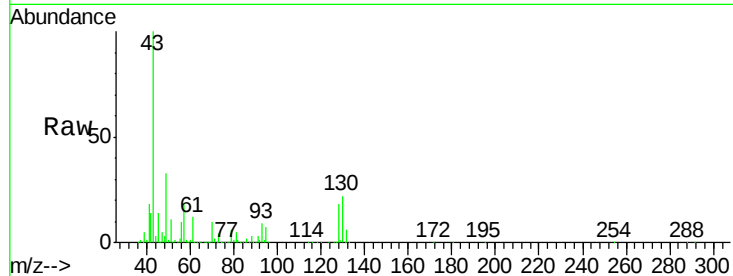
128 54.6 29.3 88.0

130 69.7 35.9 107.8

Manual Integrations
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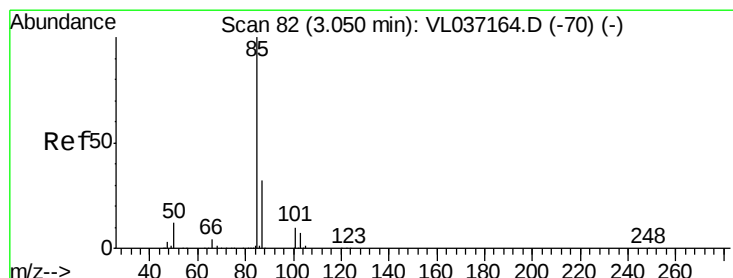
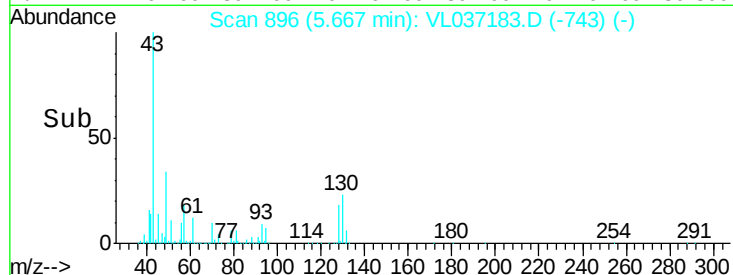
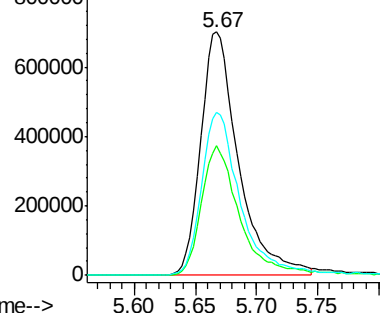
6/17/2021 5:38:24 PM



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: 0.221 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL037183.D

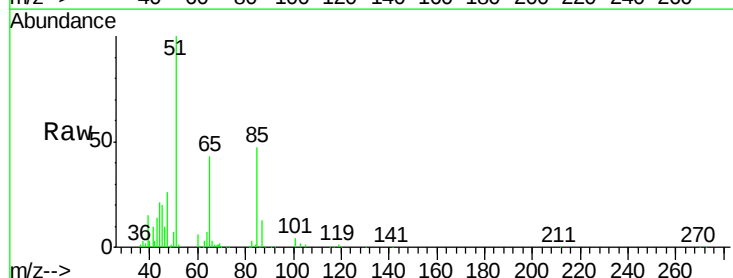
Acq: 16 Jun 2021 23:25

Tgt Ion: 85 Resp: 58401

Ion Ratio Lower Upper

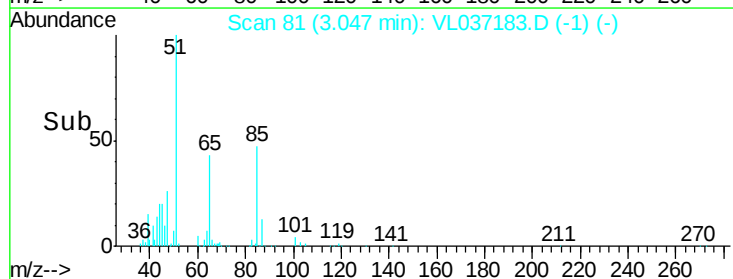
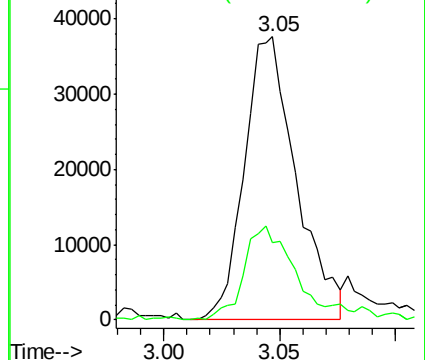
85 100

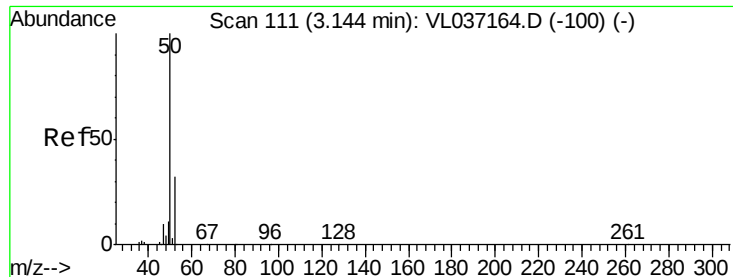
87 27.4 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.570 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1

Tot Ion: 50 Resp: 56002

Ion Ratio Lower Upper

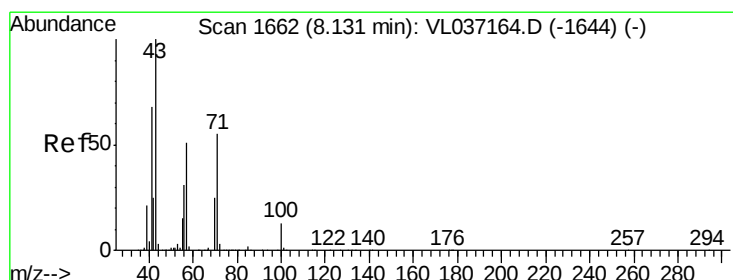
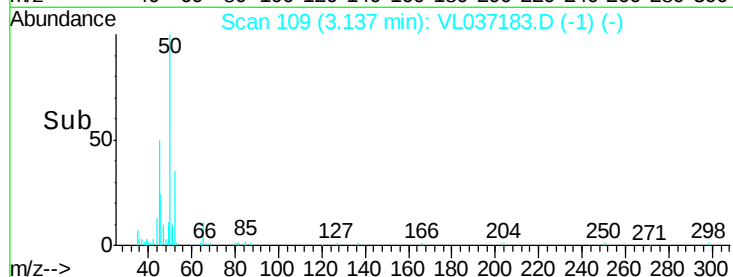
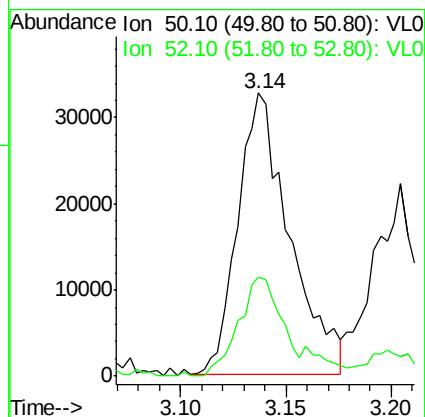
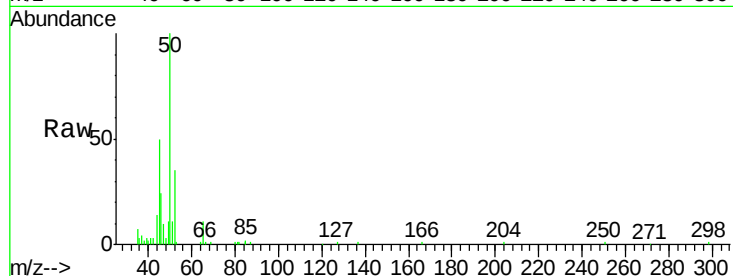
50 100

52 35.0 25.8 38.8

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#10

Heptane

Concen: 0.339 ppbv m

RT: 8.12 min Scan# 1660

Delta R.T. -0.01 min

Lab File: VL037183.D

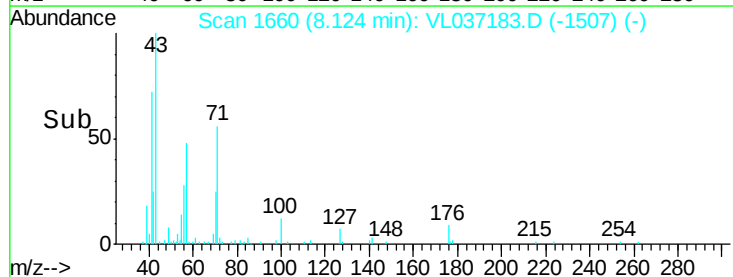
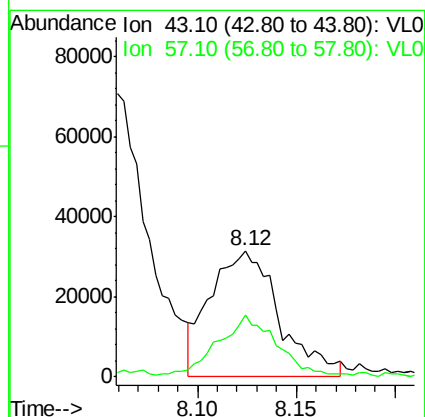
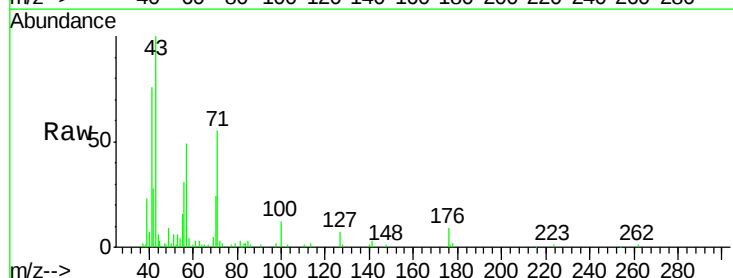
Acq: 16 Jun 2021 23:25

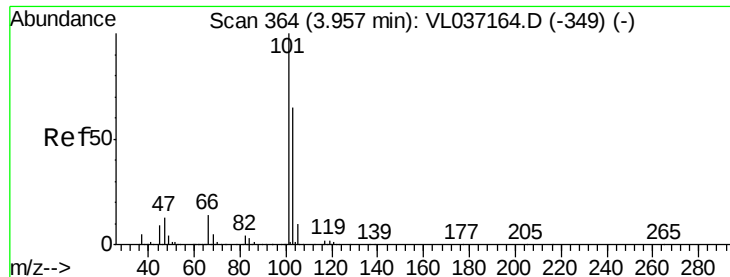
Tgt Ion: 43 Resp: 77359

Ion Ratio Lower Upper

43 100

57 40.7 40.6 61.0





#11

Trichlorofluoromethane

Concen: 0.194 ppbv

RT: 3.95 min Scan# 361

Delta R.T. -0.01 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1

Tot Ion:101 Resp: 54487

Ion Ratio Lower Upper

101 100

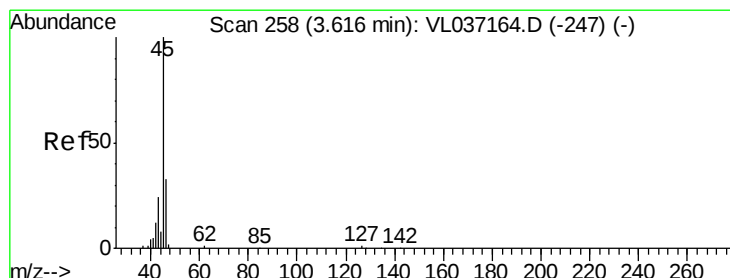
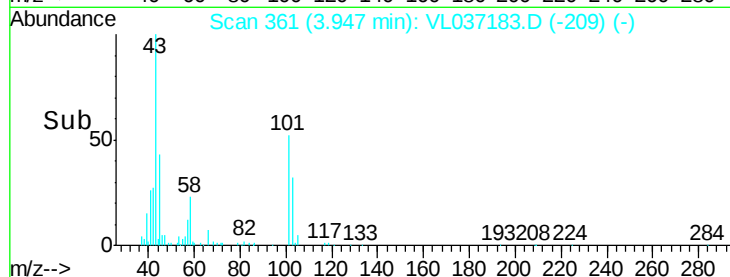
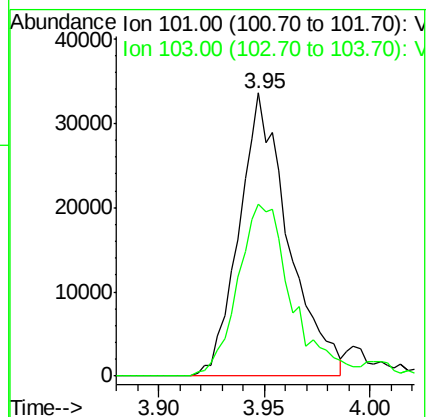
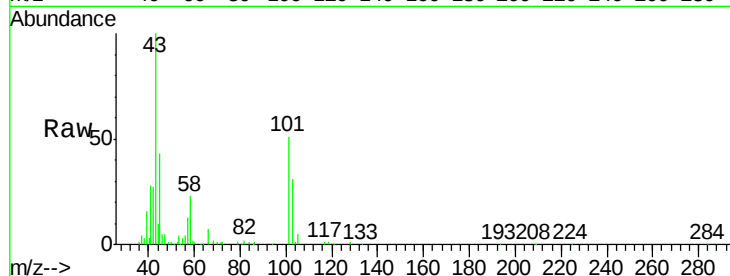
103 61.0 52.2 78.4

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#13

Ethanol

Concen: 212.877 ppbv

RT: 3.61 min Scan# 255

Delta R.T. -0.01 min

Lab File: VL037183.D

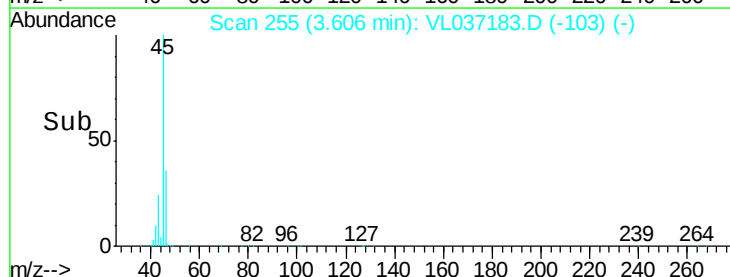
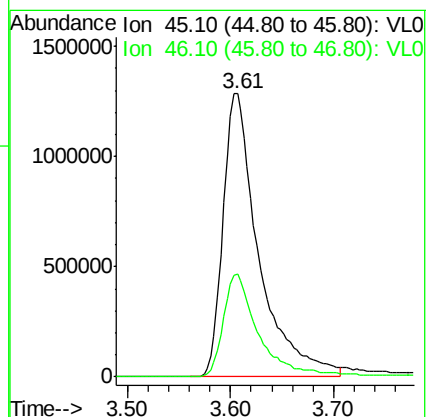
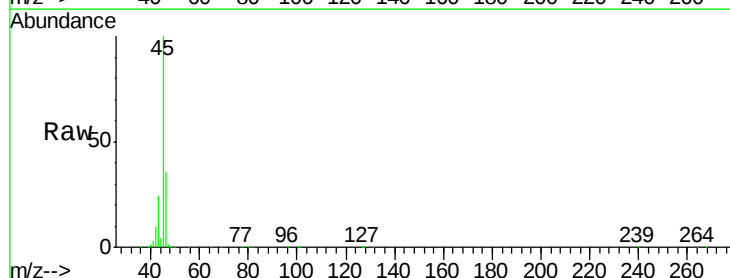
Acq: 16 Jun 2021 23:25

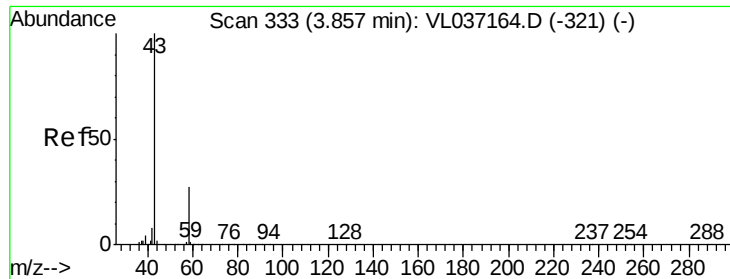
Tgt Ion: 45 Resp: 3105673

Ion Ratio Lower Upper

45 100

46 37.2 34.2 137.0





#15

Acetone

Concen: 22.900 ppbv m

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1

Tot Ion: 43 Resp: 3917199

Ion Ratio Lower Upper

43 100

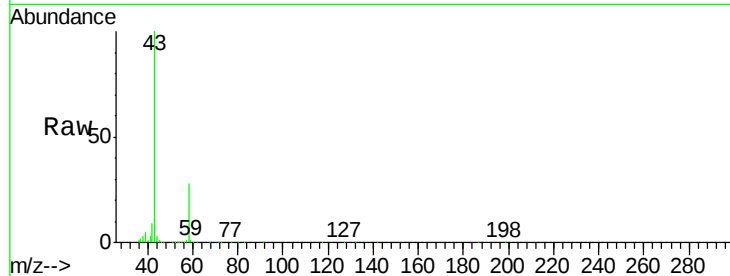
58 37.7 23.7 35.5#

Manual Integrations

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

2500000

2000000

1500000

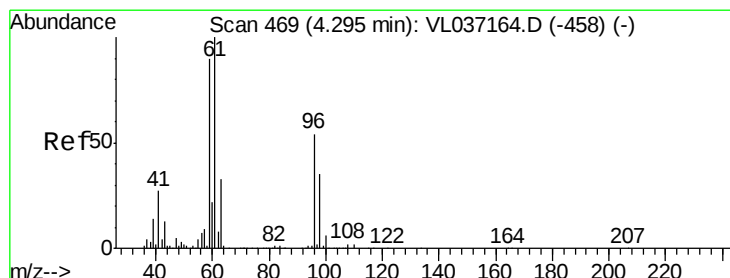
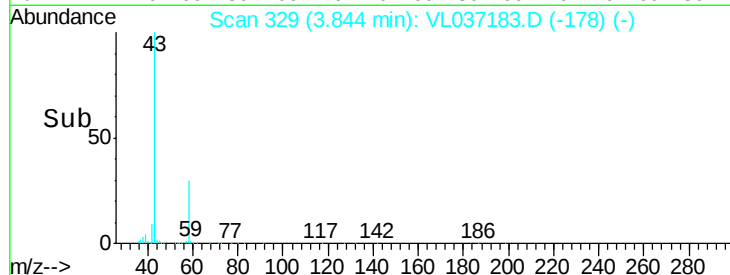
1000000

500000

0

3.80 3.82 3.84 3.86 3.88

Time-->



#17

tert-Butyl alcohol

Concen: 4.415 ppbv

RT: 4.30 min Scan# 471

Delta R.T. 0.01 min

Lab File: VL037183.D

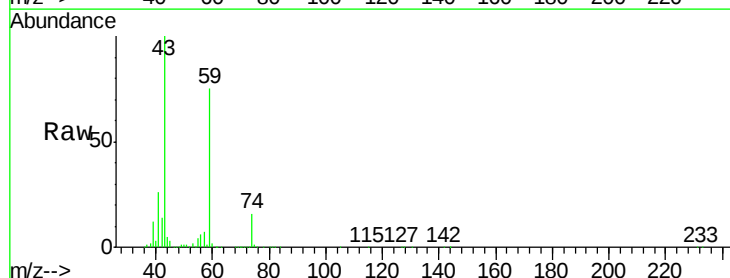
Acq: 16 Jun 2021 23:25

Tgt Ion: 59 Resp: 697988

Ion Ratio Lower Upper

59 100

57 10.2 8.8 13.2



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

300000

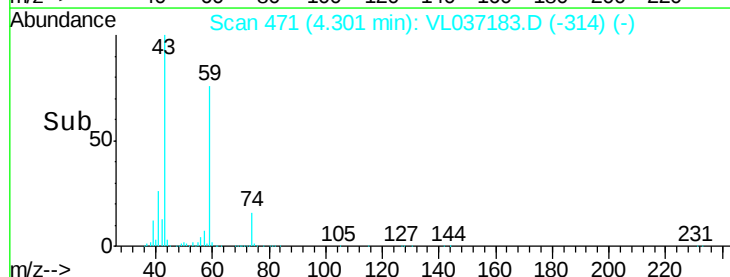
200000

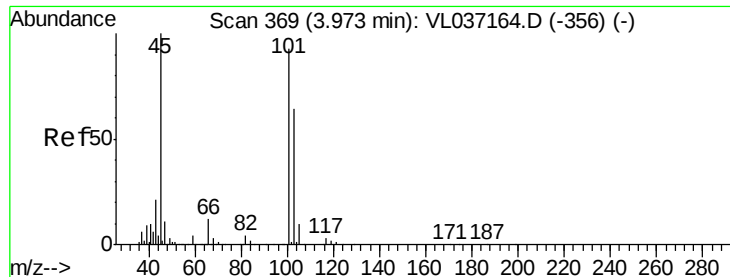
100000

0

4.20 4.25 4.30 4.35

Time-->





#19

Isopropyl Alcohol

Concen: 7.226 ppbv

RT: 3.97 min Scan# 369

Delta R.T. -0.00 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1

Tot Ion: 45 Resp: 748661

Ion Ratio Lower Upper

45 100

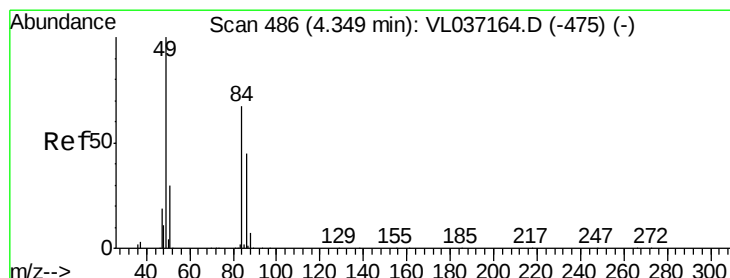
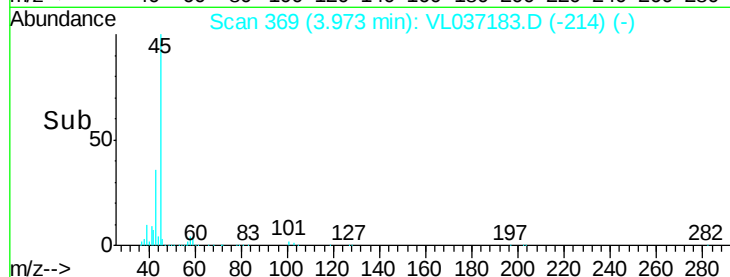
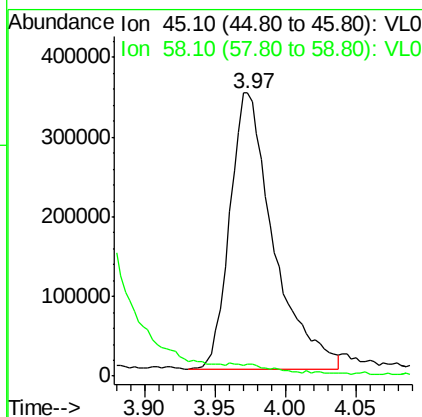
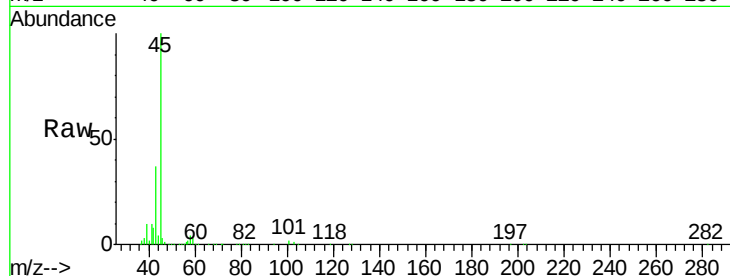
58 197.1 2.4 3.6#

Manual Integrations

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#20

Methylene Chloride

Concen: 16.320 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.01 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Tgt Ion: 84 Resp: 1671285

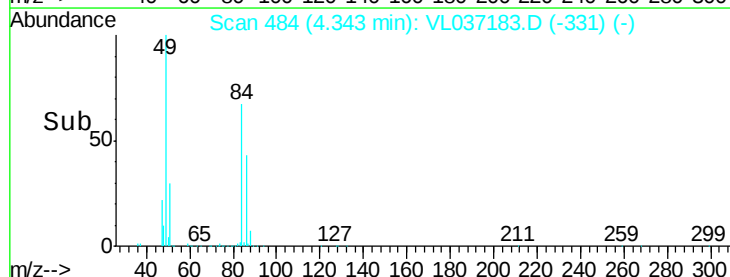
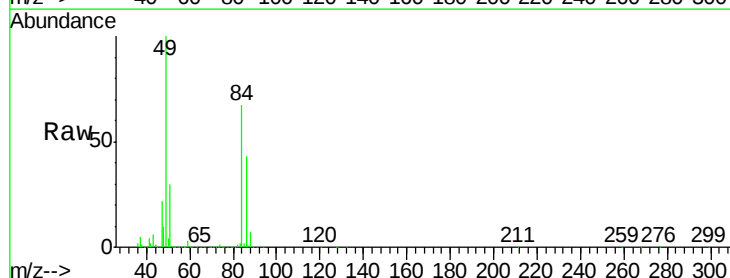
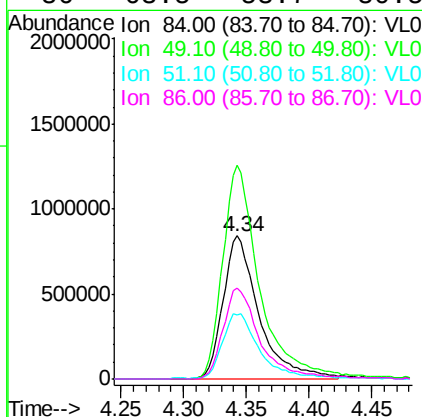
Ion Ratio Lower Upper

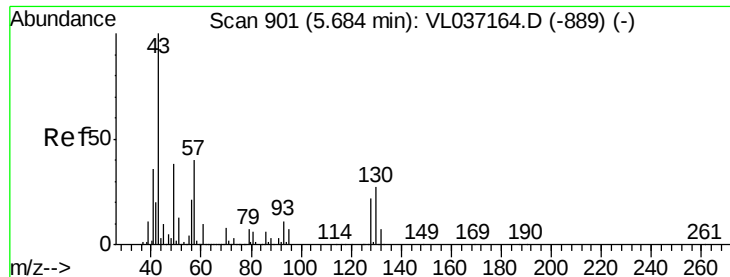
84 100

49 149.2 119.7 179.5

51 44.5 36.1 54.1

86 63.5 53.7 80.5





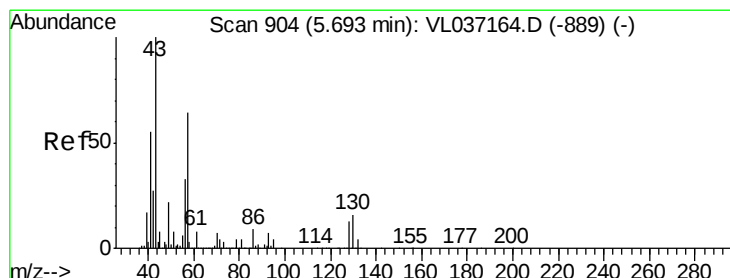
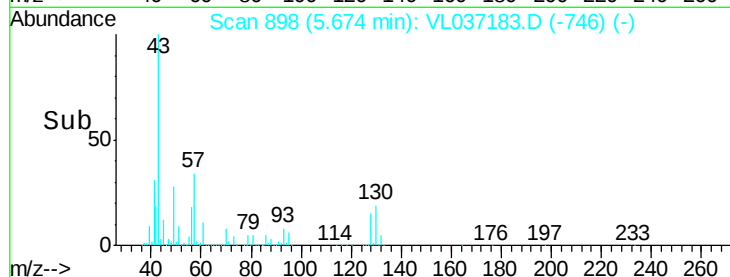
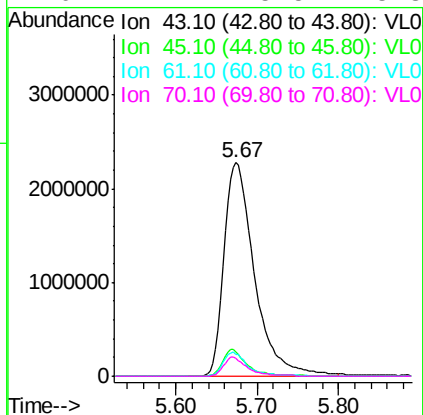
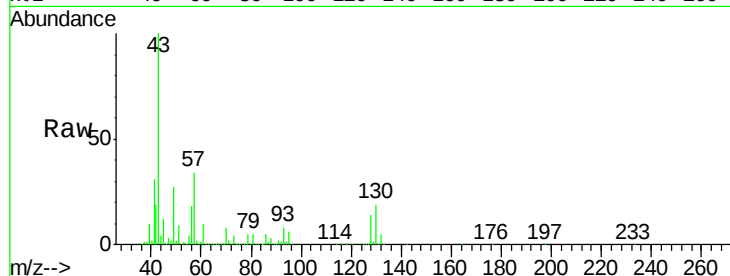
#25
Ethyl Acetate
Concen: 16.195 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL037183.D
Acq: 16 Jun 2021 23:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
45	10.3	8.0	12.0	
61	9.5	8.1	12.1	
70	7.4	5.5	8.3	

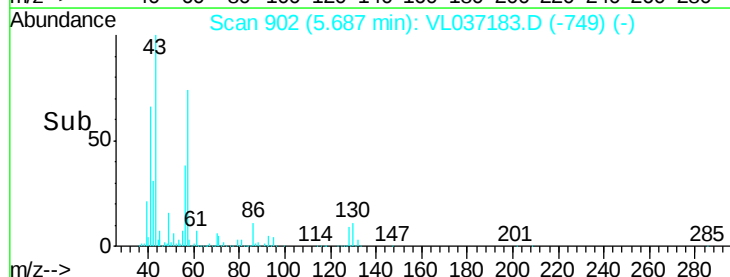
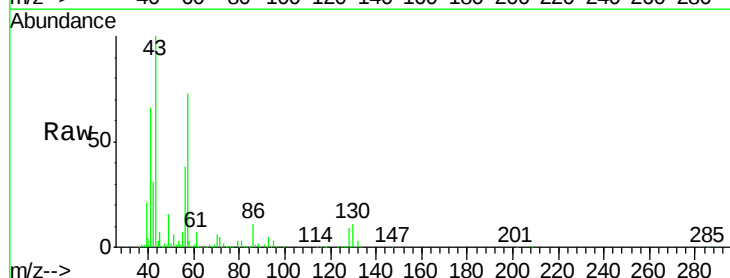
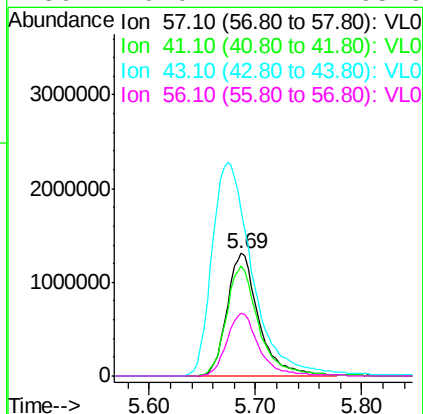
Manual Integrations
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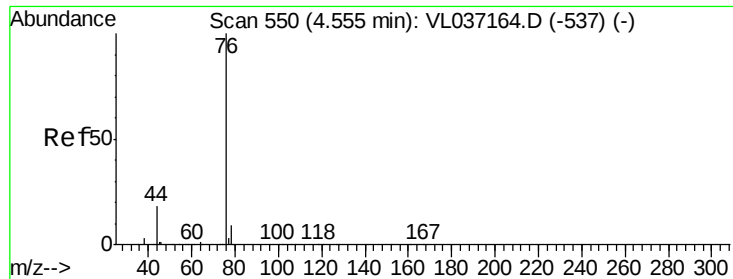
MMDadoda
6/17/2021 5:38:24 PM



#26
Hexane
Concen: 14.532 ppbv m
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL037183.D
Acq: 16 Jun 2021 23:25

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#	





#27

Carbon Disulfide

Concen: 0.283 ppbv

RT: 4.55 min Scan# 549

Delta R.T. -0.00 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Instrument :

MSVOA_L

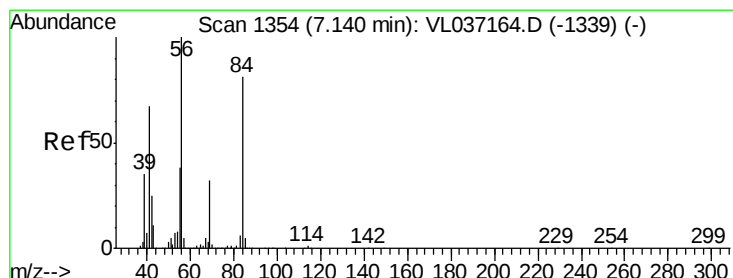
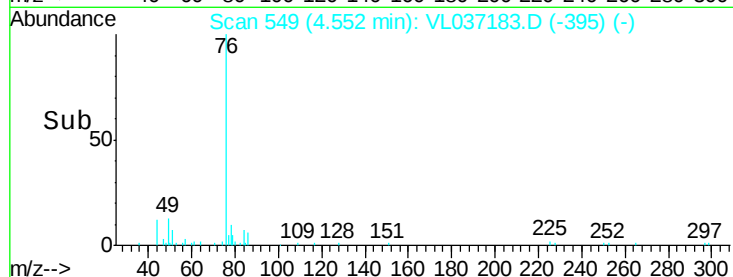
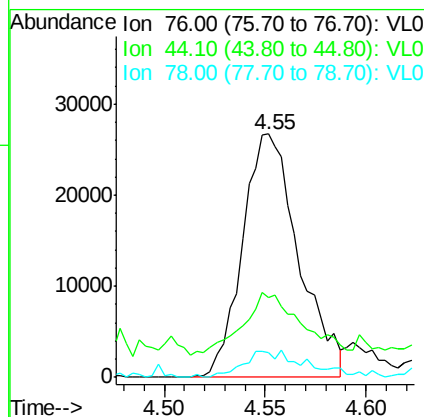
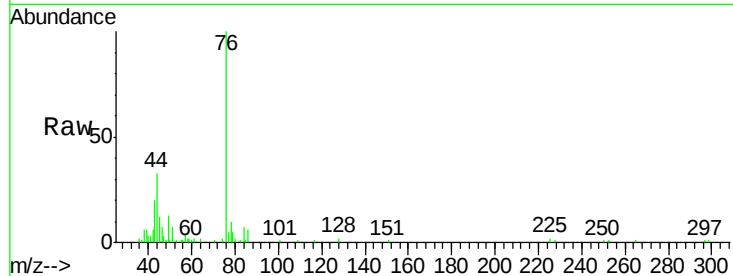
ClientSampleId :

IA-PLAYROOM-1

Tot Ion:	76	Resp:	51855
Ion Ratio	Lower	Upper	
76	100		
44	31.4	15.4	23.2#
78	12.3	8.0	12.0#

Manual Integrations
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#30

Cyclohexane

Concen: 2.410 ppbv

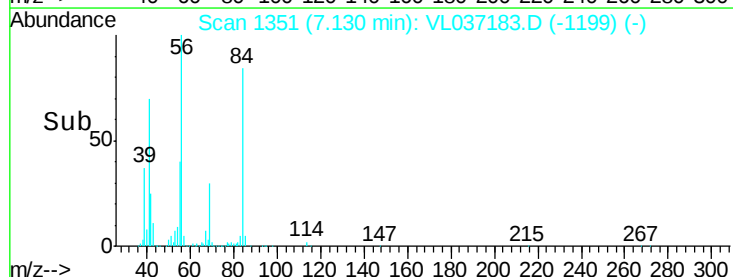
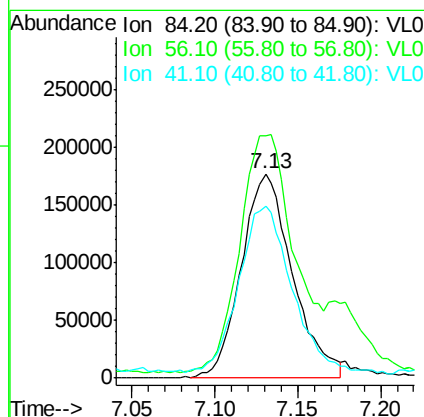
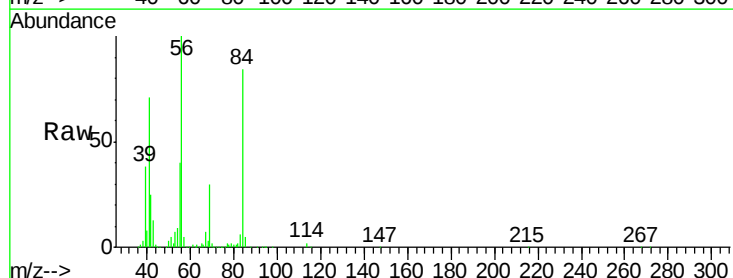
RT: 7.13 min Scan# 1351

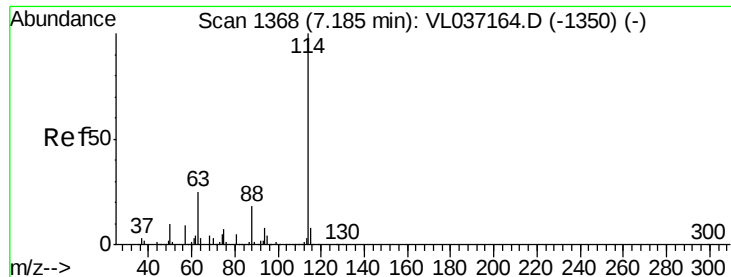
Delta R.T. -0.01 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Tgt Ion:	84	Resp:	375763
Ion Ratio	Lower	Upper	
84	100		
56	153.7	107.7	161.5
41	84.9	69.0	103.6





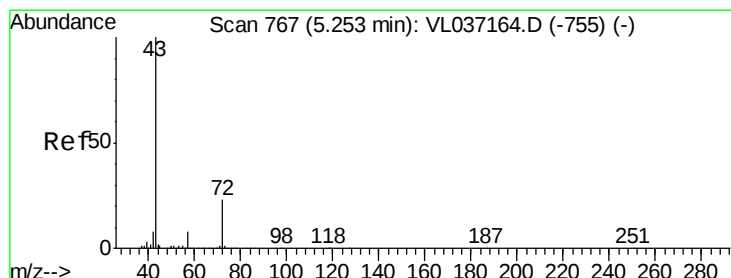
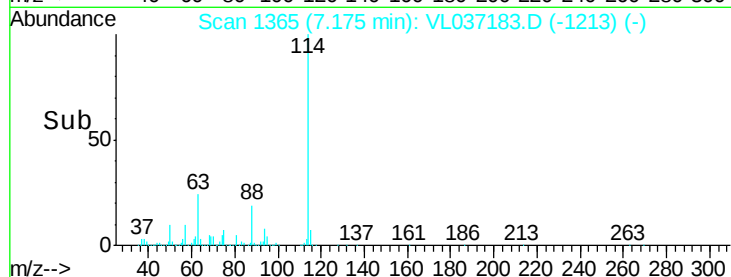
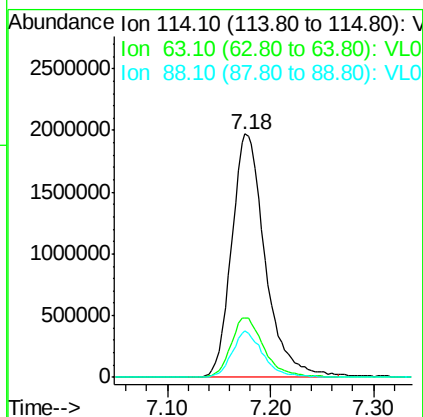
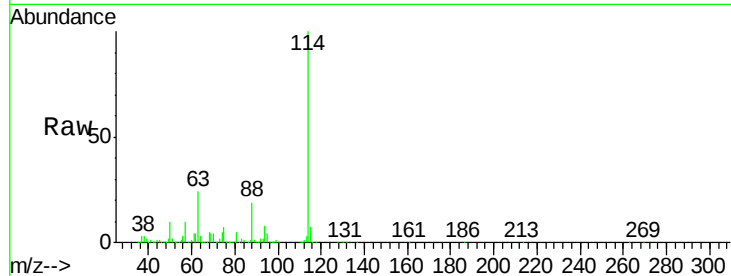
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: VL037183.D
 Acq: 16 Jun 2021 23:25

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAYROOM-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.6	29.4
88	17.9	14.2	21.2

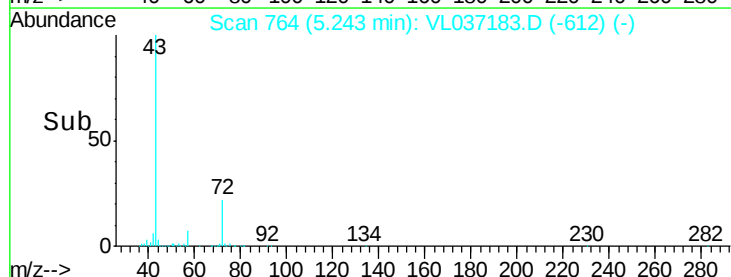
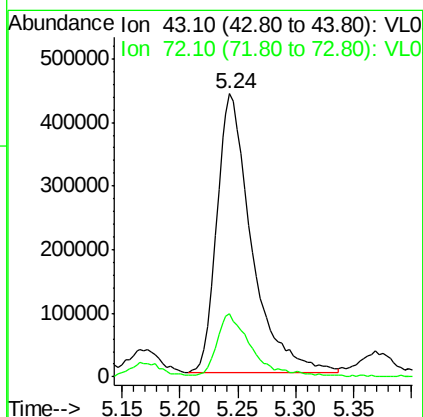
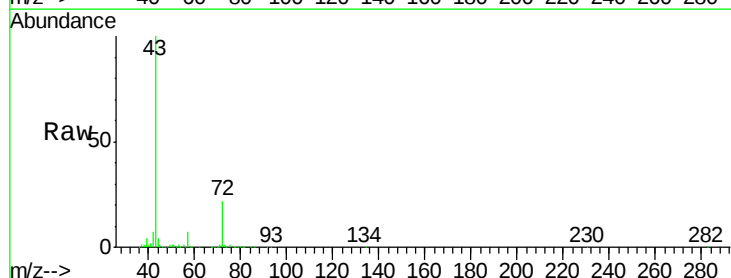
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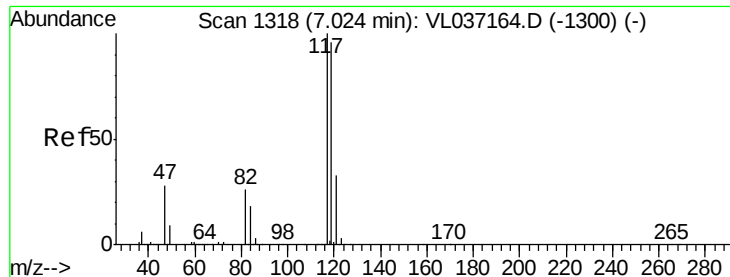
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#34
 2-Butanone
 Concen: 5.290 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: VL037183.D
 Acq: 16 Jun 2021 23:25

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.9	18.9	28.3





#35

Carbon Tetrachloride

Concen: 0.053 ppbv m

RT: 7.02 min Scan# 1318

Delta R.T. -0.00 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Instrument :

MSVOA_L

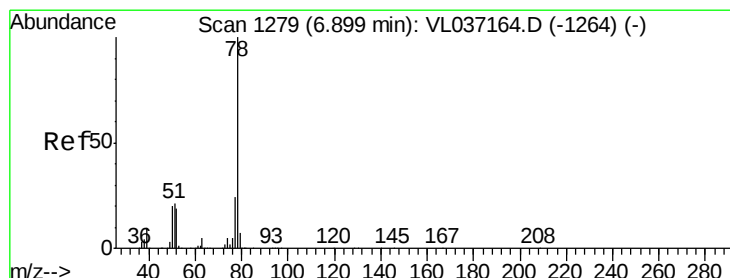
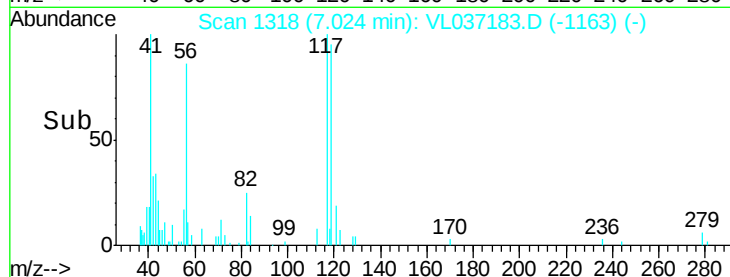
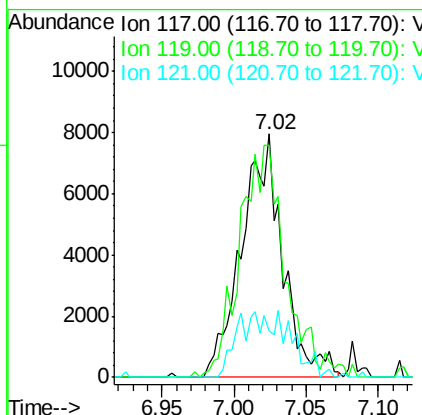
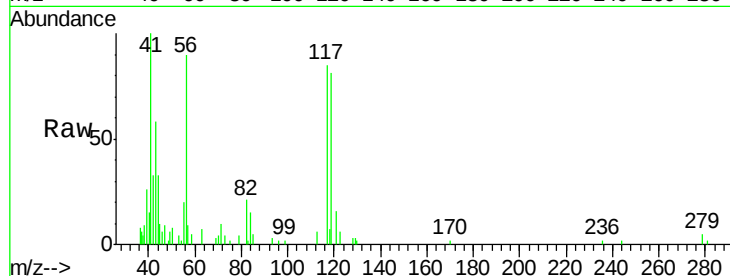
ClientSampleId :

IA-PLAYROOM-1

Tot Ion:	117	Resp:	15754
Ion Ratio	Lower	Upper	
117	100		
119	95.1	76.6	114.8
121	19.0	26.4	39.6#

Manual Integrations
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#36

Benzene

Concen: 0.167 ppbv m

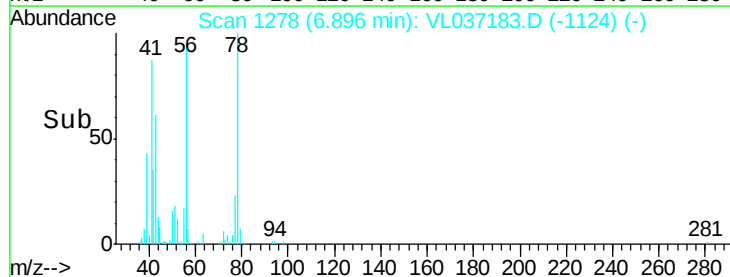
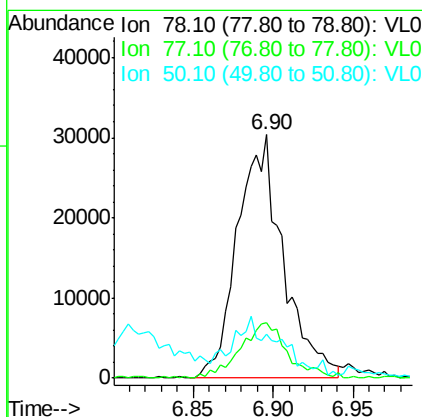
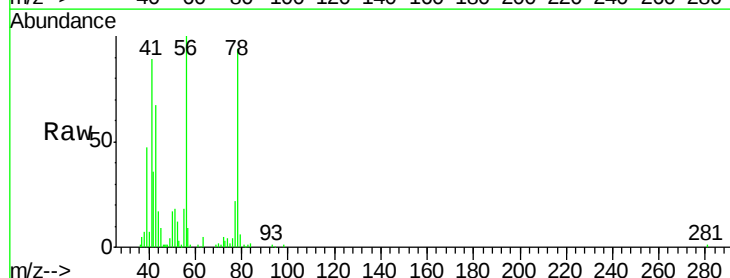
RT: 6.90 min Scan# 1278

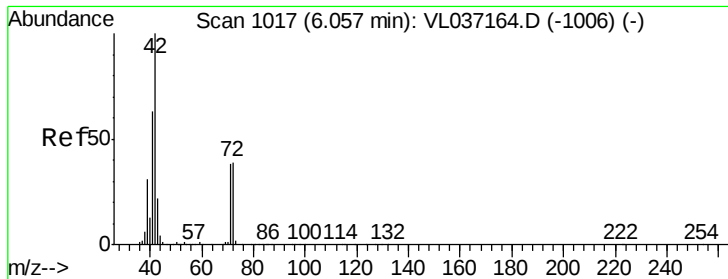
Delta R.T. -0.00 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Tgt Ion:	78	Resp:	60373
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.0	28.6
50	18.0	15.7	23.5





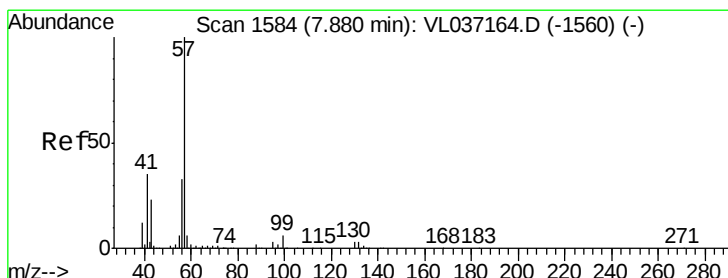
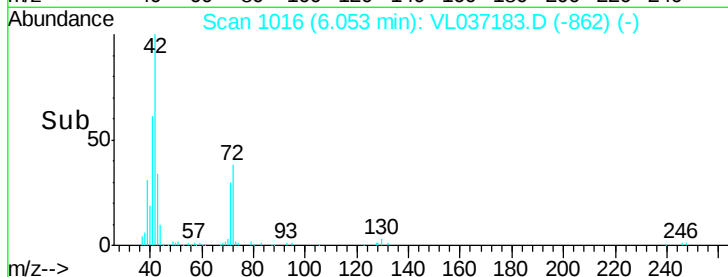
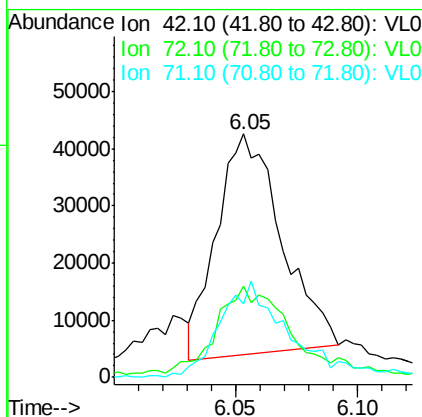
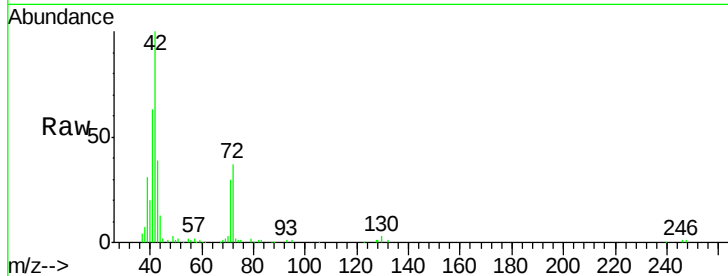
#41
Tetrahydrofuran
Concen: 0.883 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VL037183.D
Acq: 16 Jun 2021 23:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.1	33.0	49.4#
71	48.7	31.0	46.6#

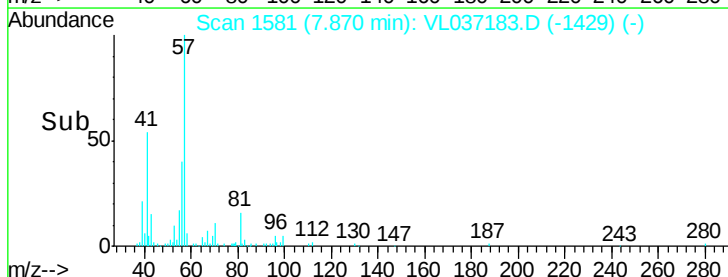
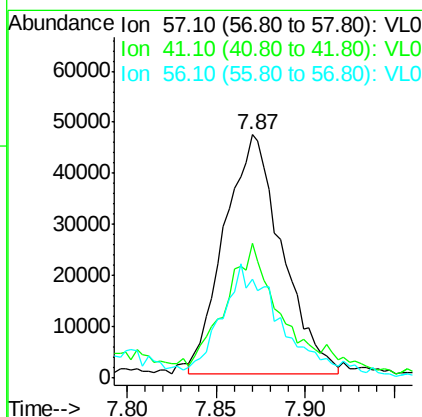
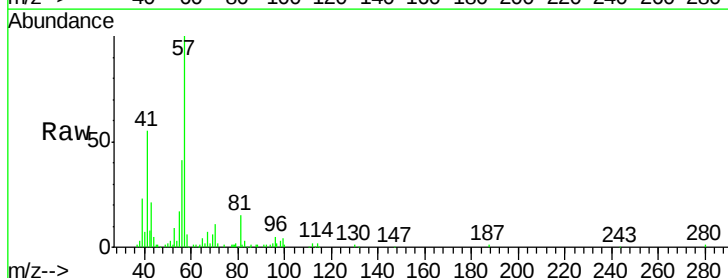
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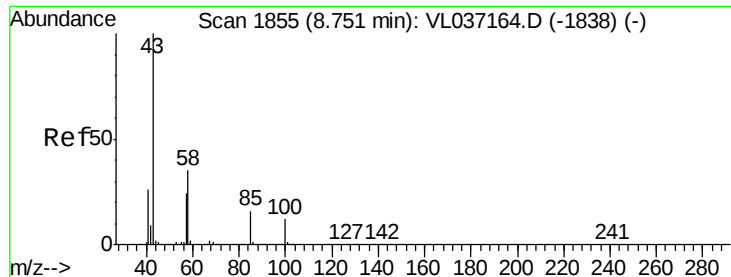
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#44
2,2,4-Trimethylpentane
Concen: 0.174 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VL037183.D
Acq: 16 Jun 2021 23:25

Tgt Ion	Ratio	Lower	Upper
57	100		
41	58.2	27.6	41.4#
56	47.6	25.3	37.9#





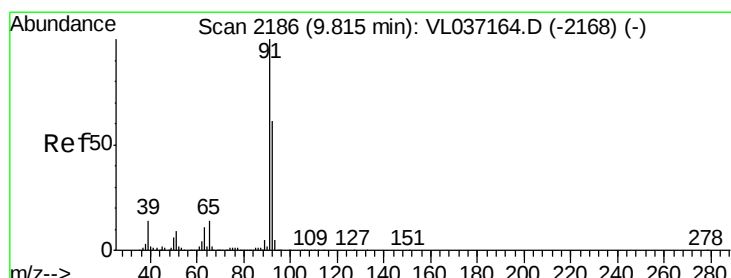
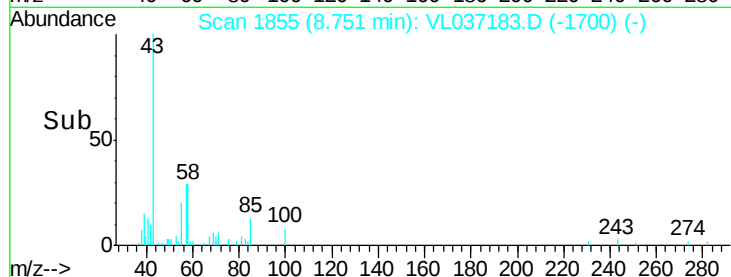
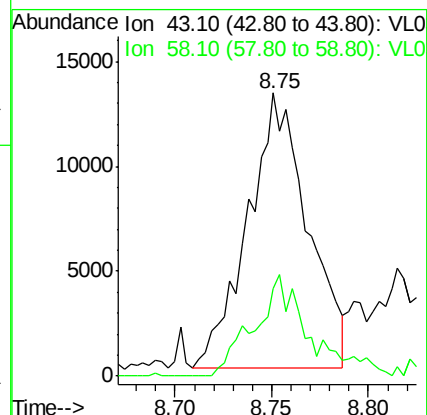
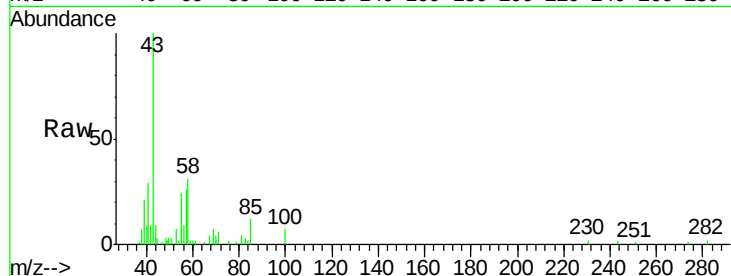
#50
4-Methyl-2-Pentanone
Concen: 0.118 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VL037183.D
Acq: 16 Jun 2021 23:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1

Tot Ion	43	Resp	28247
Ion Ratio	100	Lower	Upper
43	100		
58	34.0	28.4	42.6

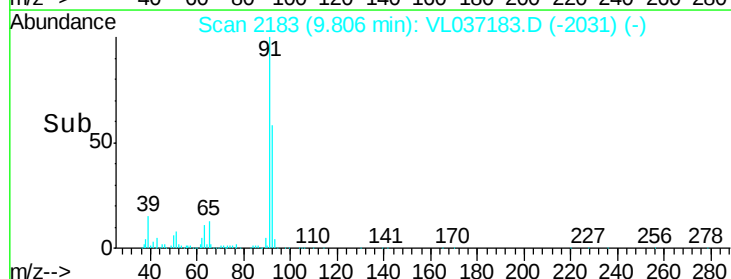
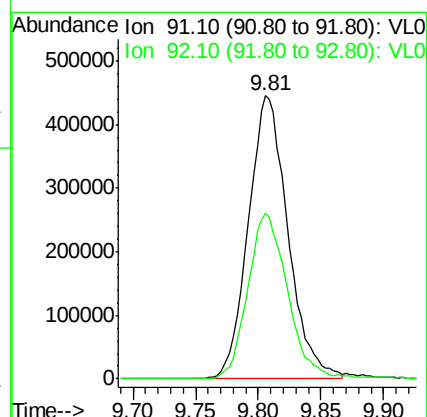
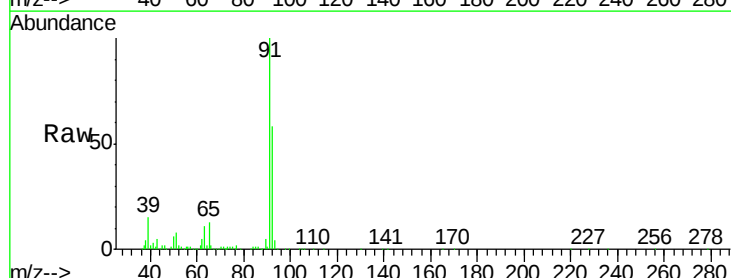
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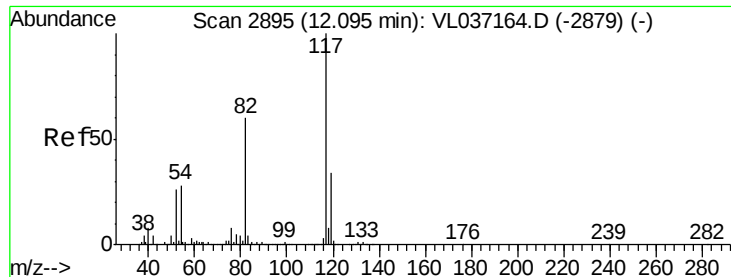
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#53
Toluene
Concen: 2.267 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. -0.01 min
Lab File: VL037183.D
Acq: 16 Jun 2021 23:25

Tgt Ion	91	Resp	977748
Ion Ratio	100	Lower	Upper
91	100		
92	59.4	48.3	72.5





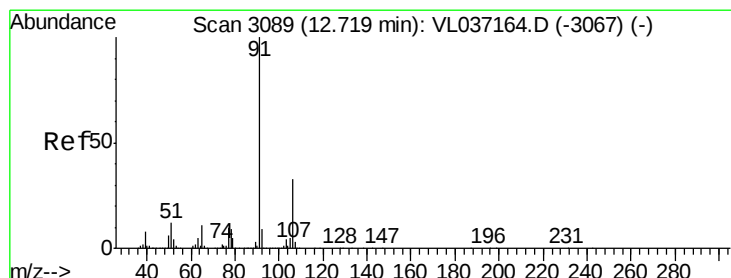
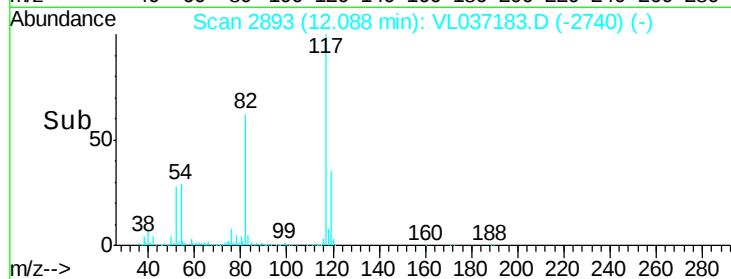
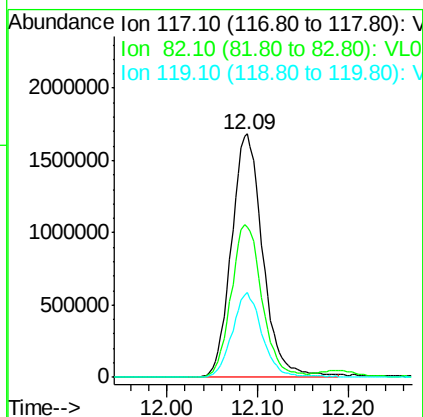
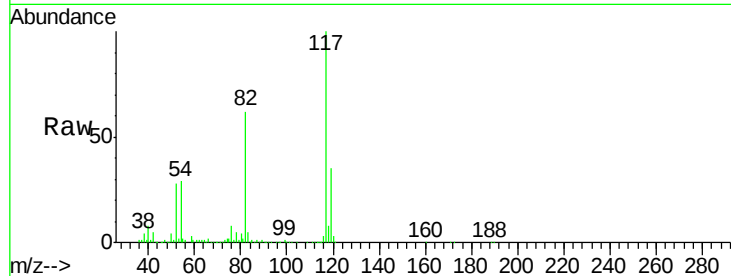
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL037183.D
Acq: 16 Jun 2021 23:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1

Tot Ion: 117 Resp: 4036418
Ion Ratio Lower Upper
117 100
82 61.9 51.7 77.5
119 33.9 47.6 71.4#

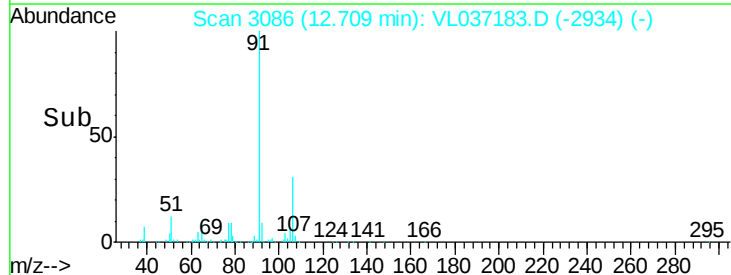
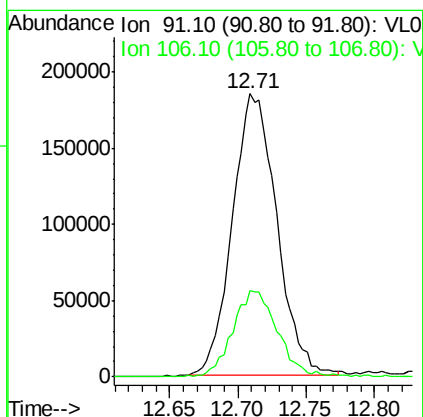
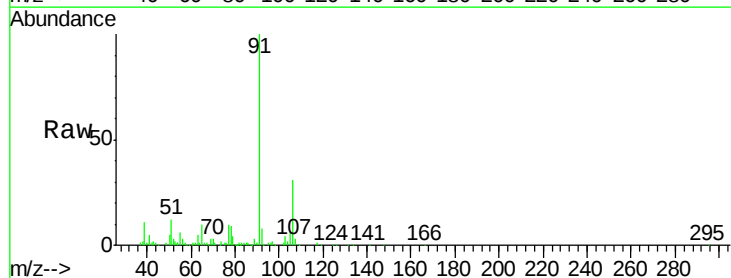
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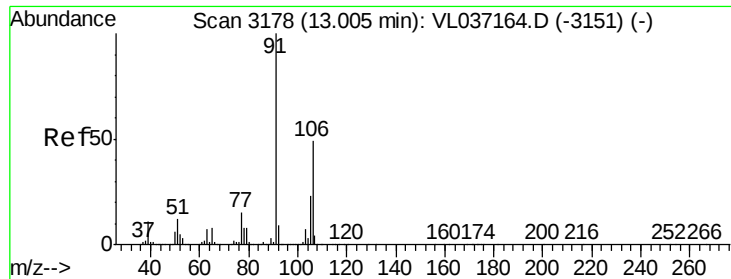
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#58
Ethyl Benzene
Concen: 0.755 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.01 min
Lab File: VL037183.D
Acq: 16 Jun 2021 23:25

Tgt Ion: 91 Resp: 419373
Ion Ratio Lower Upper
91 100
106 30.3 26.3 39.5





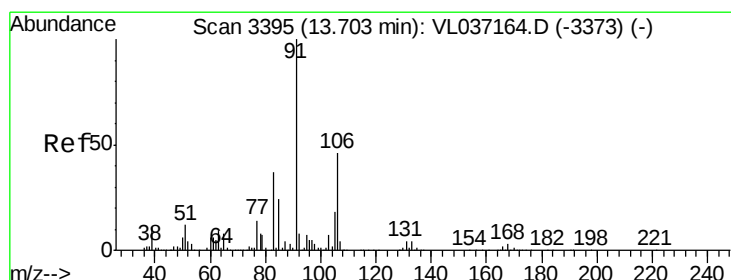
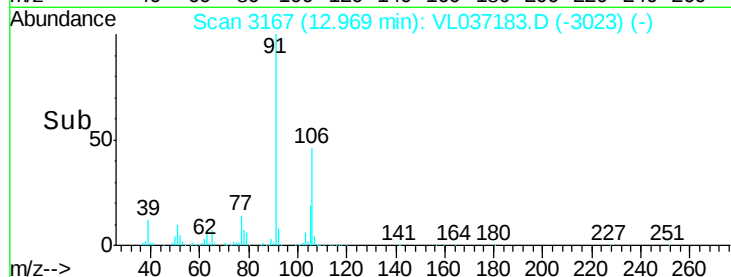
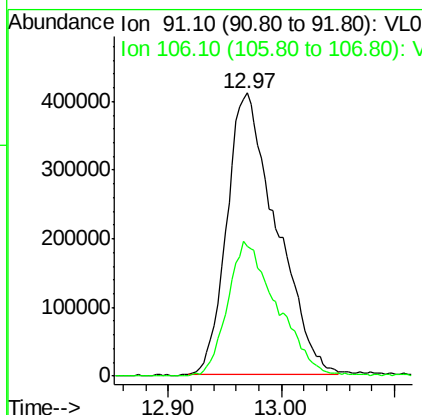
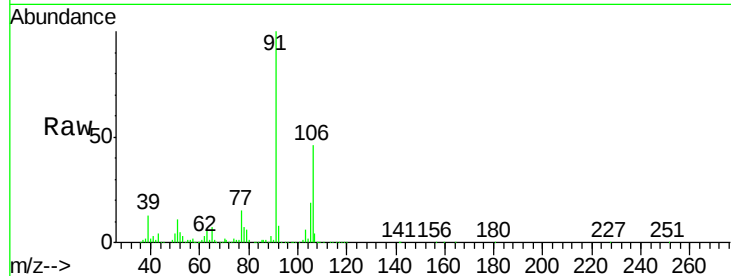
#59
m/p-Xylene
Concen: 2.659 ppbv
RT: 12.97 min Scan# 3167
Delta R.T. -0.04 min
Lab File: VL037183.D
Acq: 16 Jun 2021 23:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1

Tot Ion: 91 Resp: 1252005
Ion Ratio Lower Upper
91 100
106 48.2 37.0 55.4

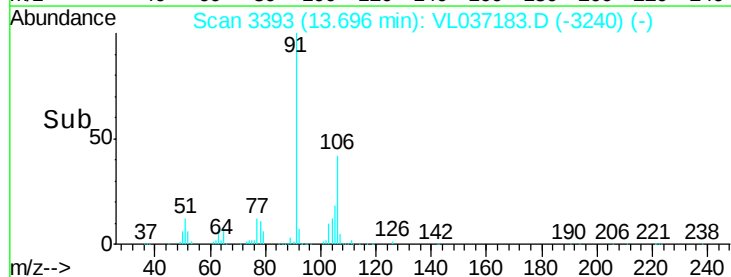
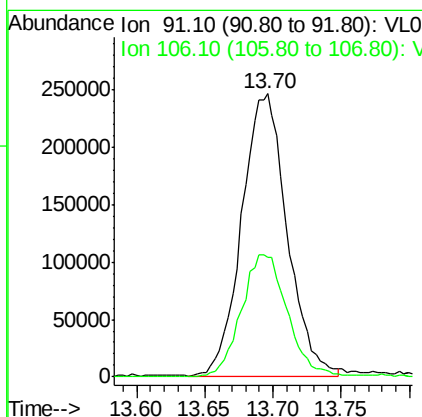
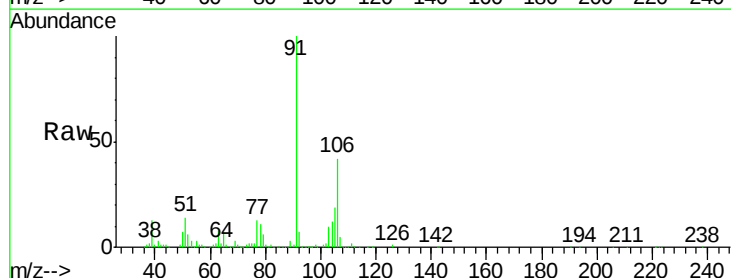
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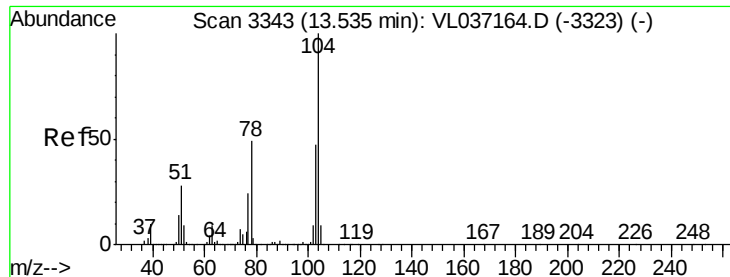
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#60
o-Xylene
Concen: 1.262 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL037183.D
Acq: 16 Jun 2021 23:25

Tgt Ion: 91 Resp: 565804
Ion Ratio Lower Upper
91 100
106 44.8 23.0 69.0





#61

Stvrene

Concen: 28.077 ppbv

RT: 13.53 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1

Tot Ion:104 Resp: 6497398

Ion Ratio Lower Upper

104 100

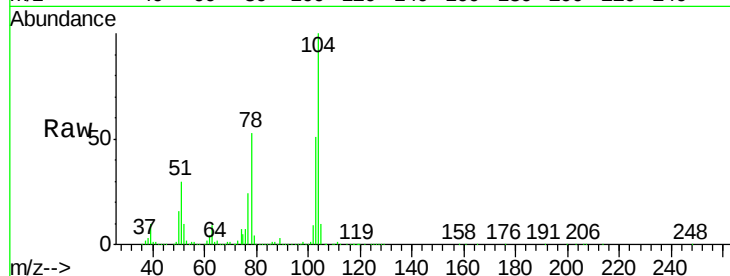
78 52.0 39.7 59.5

103 49.1 37.6 56.4

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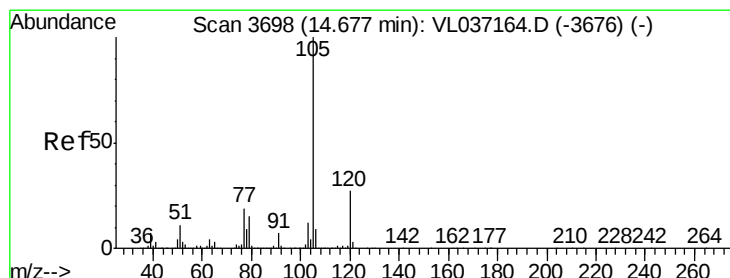
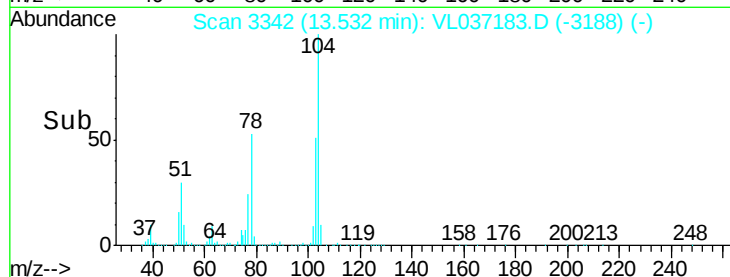
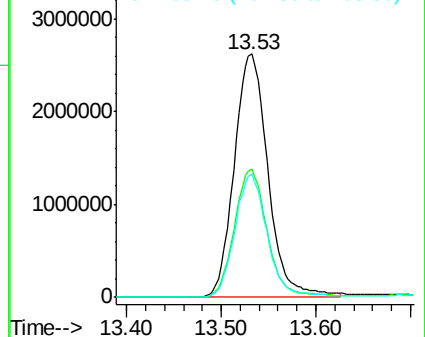
6/17/2021 5:38:24 PM



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: 0.225 ppbv m

RT: 14.67 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VL037183.D

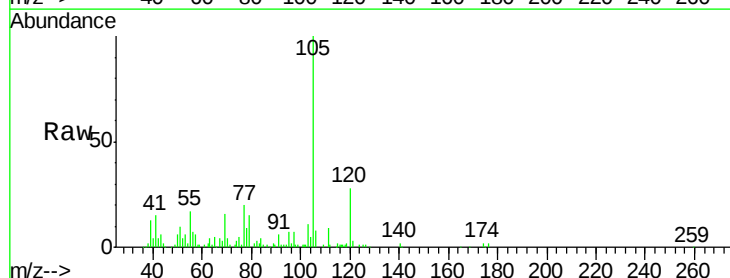
Acq: 16 Jun 2021 23:25

Tgt Ion:105 Resp: 143594

Ion Ratio Lower Upper

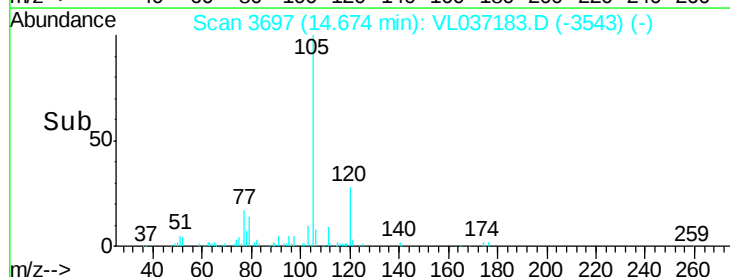
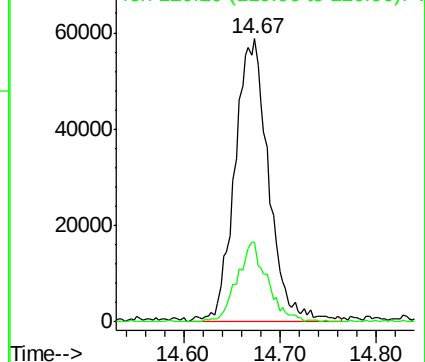
105 100

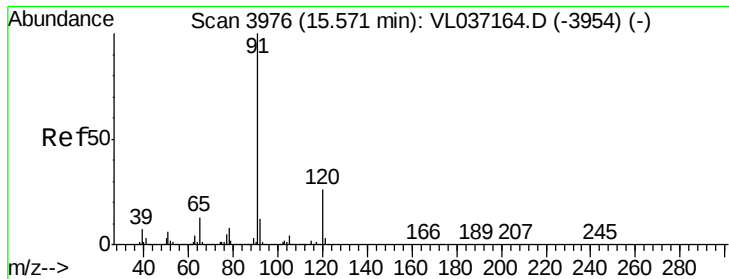
120 0.0 21.6 32.4#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#64

n-propylbenzene

Concen: 0.422 ppbv m

RT: 15.56 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1

Tot Ion:120 Resp: 67451

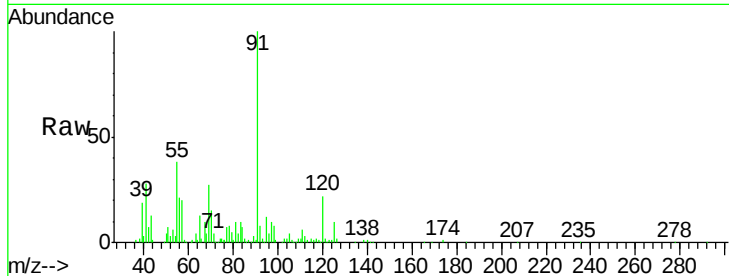
Ion Ratio Lower Upper

120 100

91 471.6 343.3 514.9

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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

150000

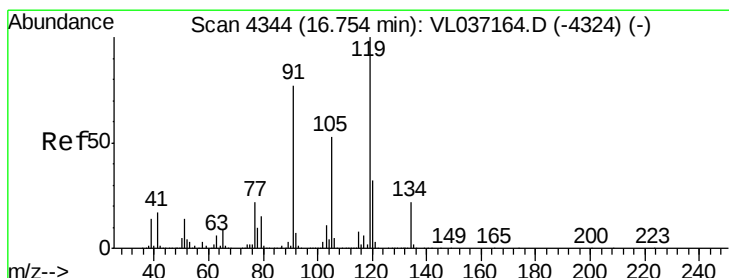
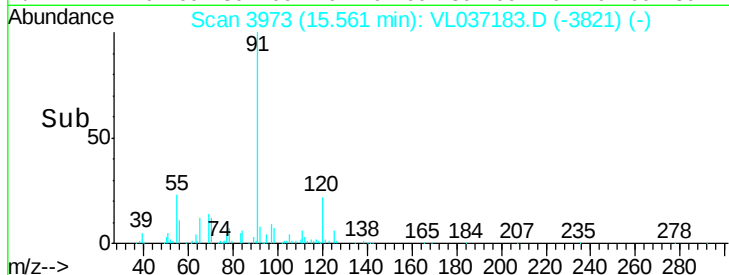
100000

50000

0

15.50 15.56 15.60

Time-->



#65

tert-Butylbenzene

Concen: 0.220 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.01 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

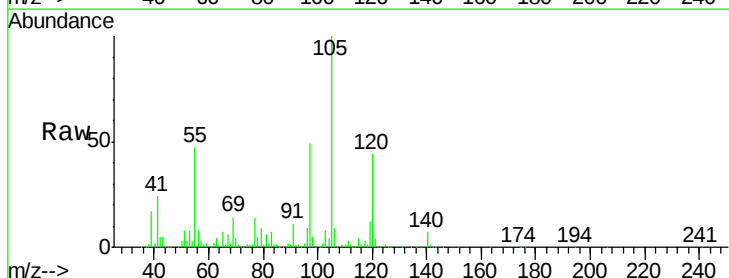
Tgt Ion:119 Resp: 124607

Ion Ratio Lower Upper

119 100

91 106.3 62.6 93.8#

134 1.3 16.2 24.4#



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

60000

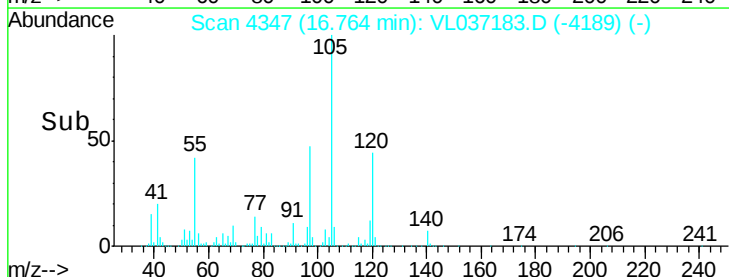
40000

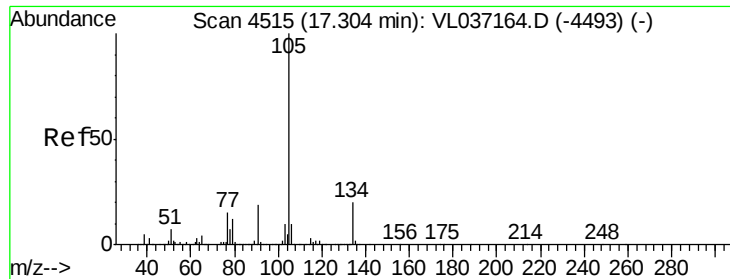
20000

0

16.70 16.75 16.80

Time-->





#67

sec-Butylbenzene

Concen: 0.150 ppbv m

RT: 17.29 min Scan# 4511

Delta R.T. -0.01 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1

Tot Ion: 105 Resp: 113001

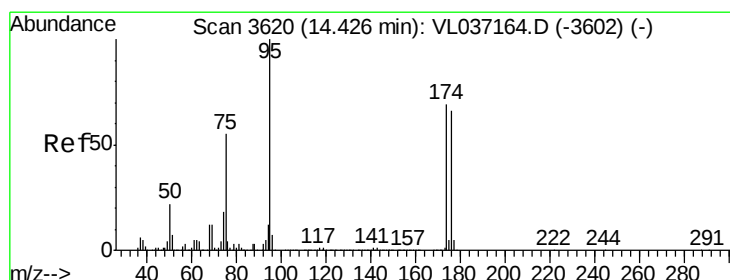
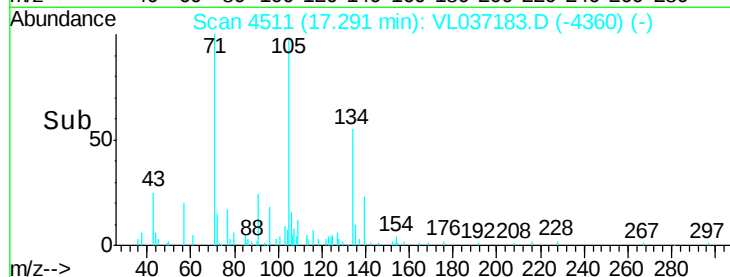
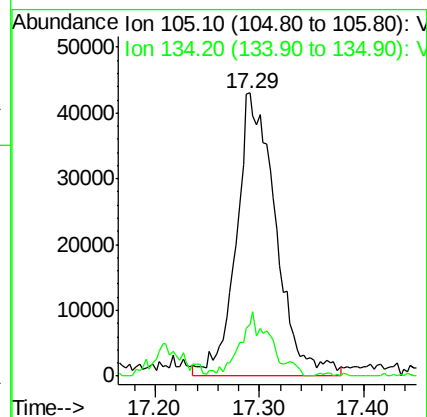
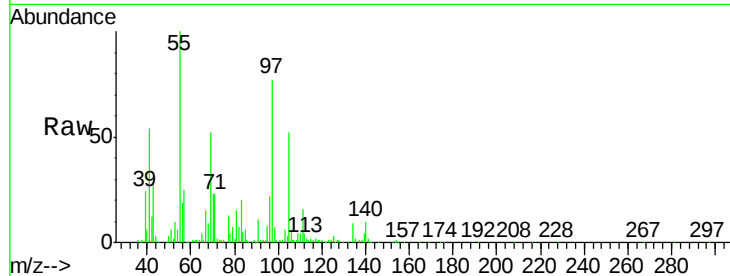
Ion Ratio Lower Upper

105 100

134 17.9 15.8 23.6

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.472 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

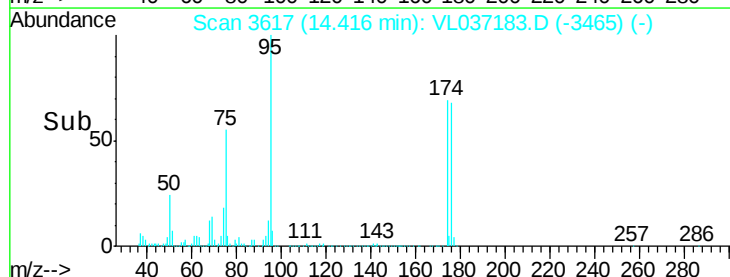
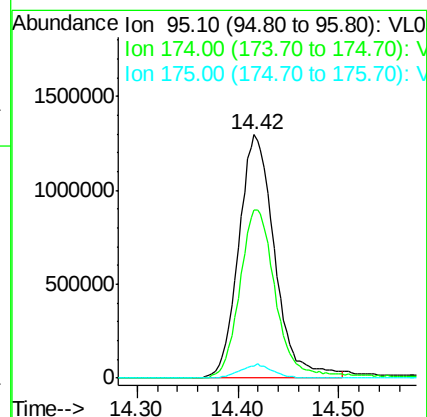
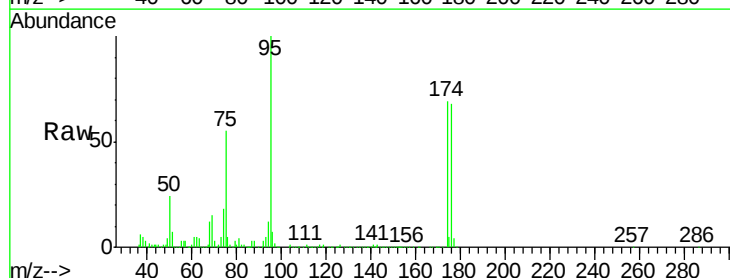
Tgt Ion: 95 Resp: 3203076

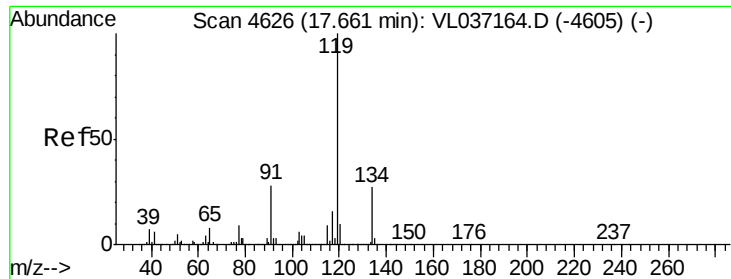
Ion Ratio Lower Upper

95 100

174 70.9 57.0 85.4

175 5.3 4.4 6.6





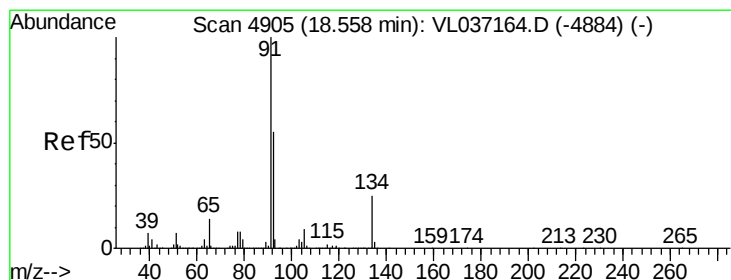
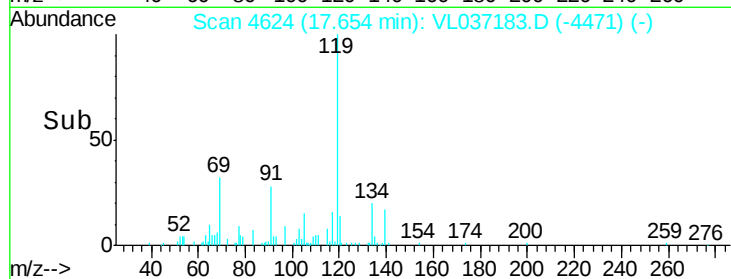
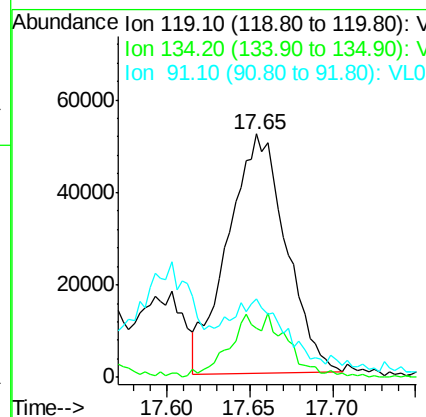
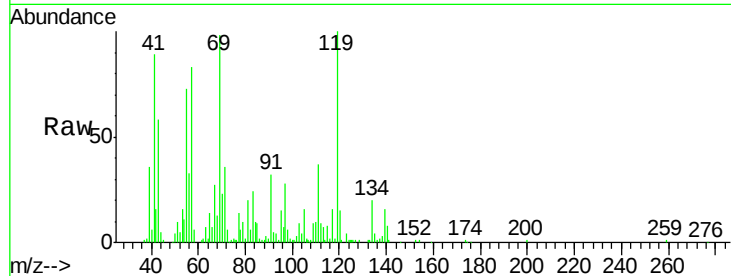
#69
 p-Isopropyltoluene
 Concen: 0.199 ppbv
 RT: 17.65 min Scan# 4624
 Delta R.T. -0.01 min
 Lab File: VL037183.D
 Acq: 16 Jun 2021 23:25

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAYROOM-1

Tot Ion	Ratio	Resp	Lower	Upper
119	100	126445		
134	25.6	20.9	31.3	
91	31.8	22.6	34.0	

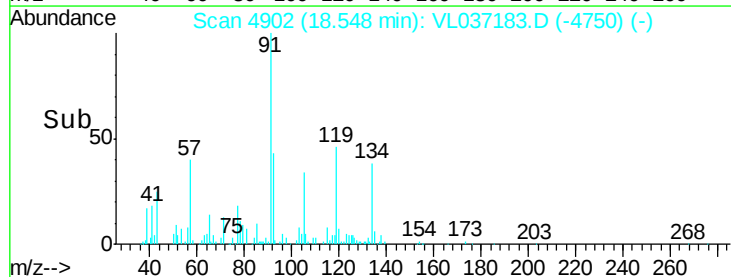
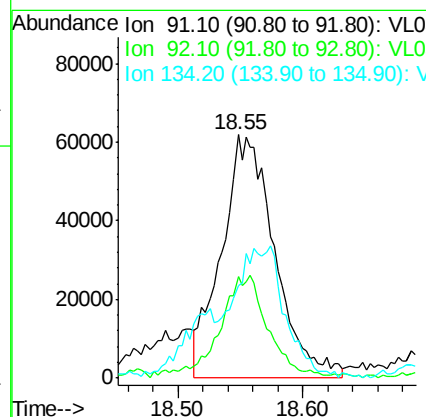
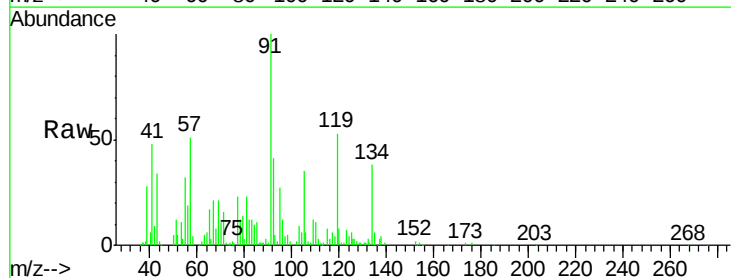
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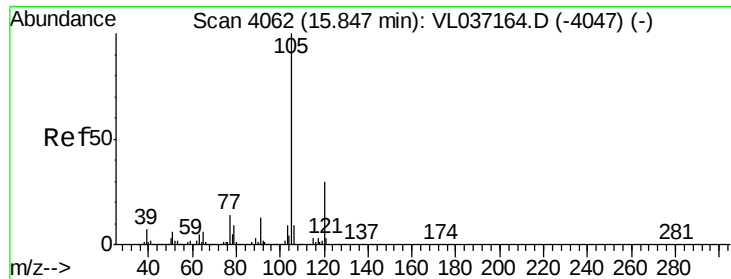
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#70
 n-Butylbenzene
 Concen: 0.311 ppbv m
 RT: 18.55 min Scan# 4902
 Delta R.T. -0.01 min
 Lab File: VL037183.D
 Acq: 16 Jun 2021 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	183074		
92	0.0	44.0	66.0#	
134	0.0	20.2	30.4#	





#72

4-Ethyltoluene

Concen: 0.617 ppbv

RT: 15.84 min Scan# 4060

Delta R.T. -0.01 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Instrument :

MSVOA_L

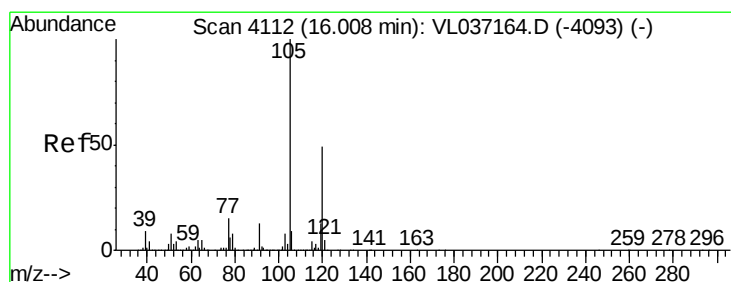
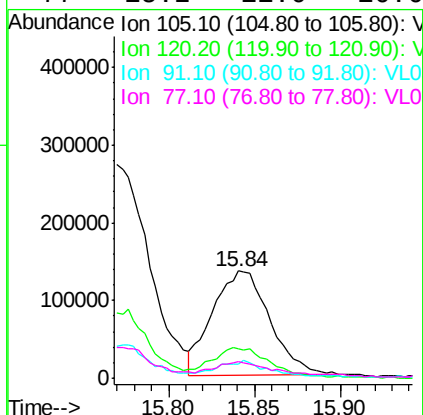
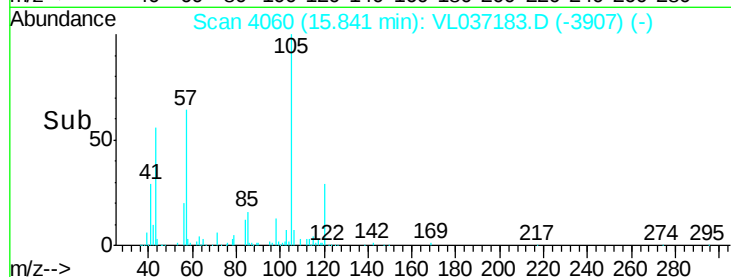
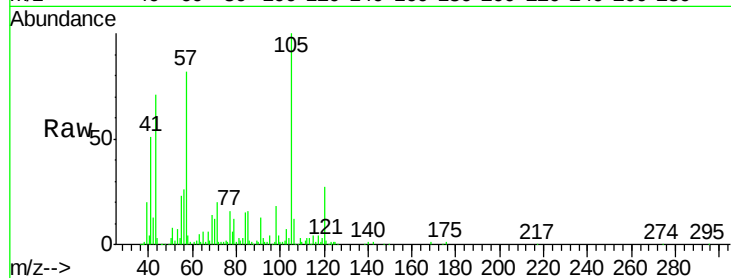
ClientSampleId :

IA-PLAYROOM-1

Tot Ion:	105	Resp:	314247
Ion Ratio	Lower	Upper	
105	100		
120	30.9	24.7	37.1
91	16.1	10.2	15.4
77	15.2	11.0	16.6

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#73

1,3,5-Trimethylbenzene

Concen: 0.774 ppbv m

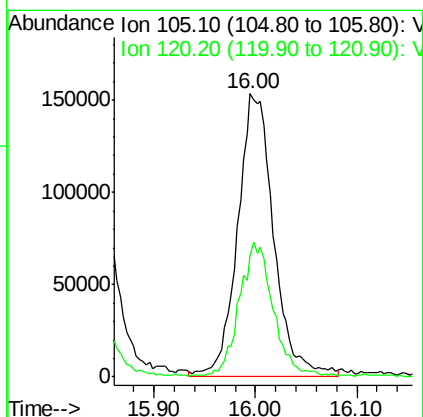
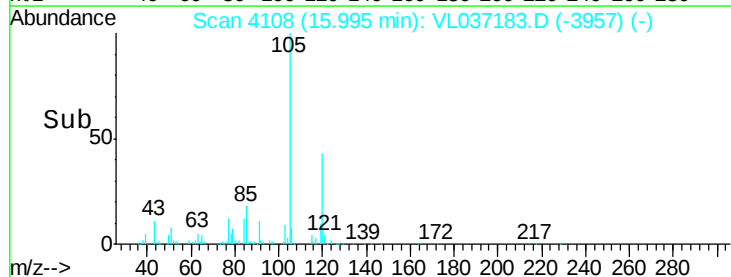
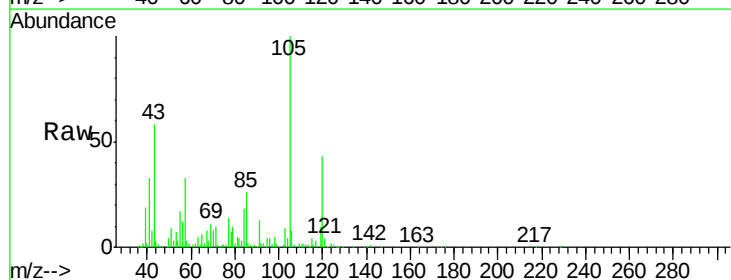
RT: 16.00 min Scan# 4108

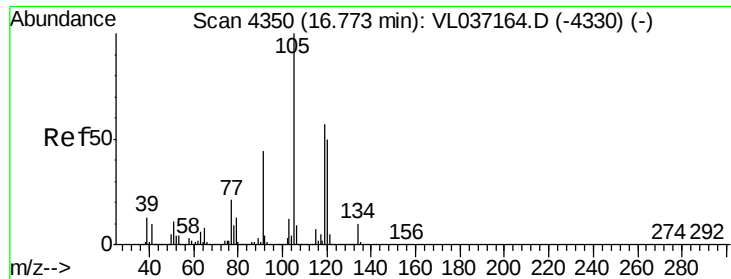
Delta R.T. -0.01 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Tgt Ion:	105	Resp:	380985
Ion Ratio	Lower	Upper	
105	100		
120	42.5	39.4	59.2





#74

1,2,4-Trimethylbenzene

Concen: 2.115 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. -0.01 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-1

Tot Ion:105 Resp: 1073029

Ion Ratio Lower Upper

105 100

120 44.1 39.8 59.8

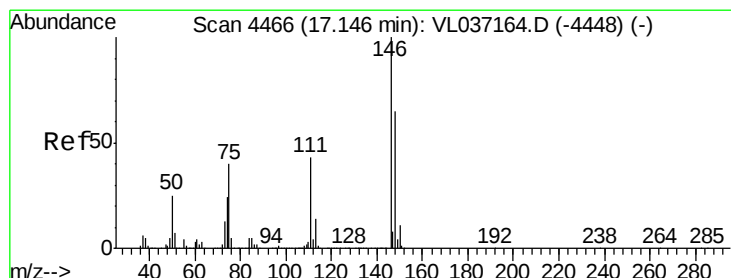
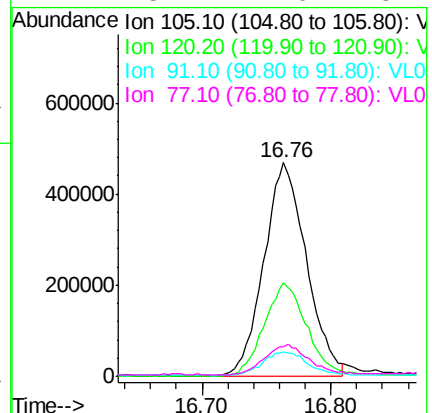
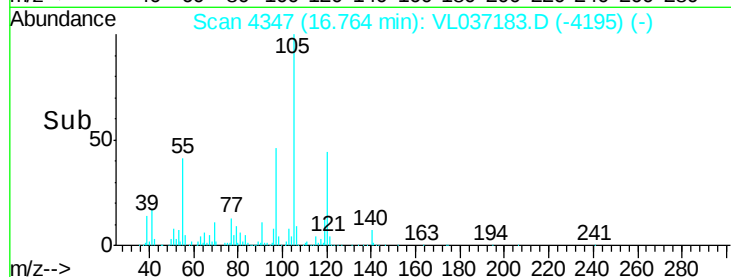
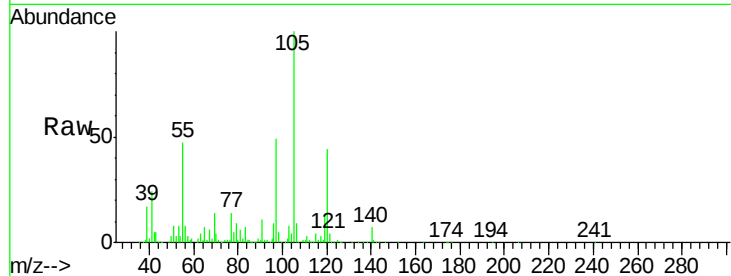
91 10.7 37.0 55.4#

77 13.1 17.0 25.4#

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#76

1,4-Dichlorobenzene

Concen: 0.191 ppbv

RT: 17.14 min Scan# 4465

Delta R.T. -0.00 min

Lab File: VL037183.D

Acq: 16 Jun 2021 23:25

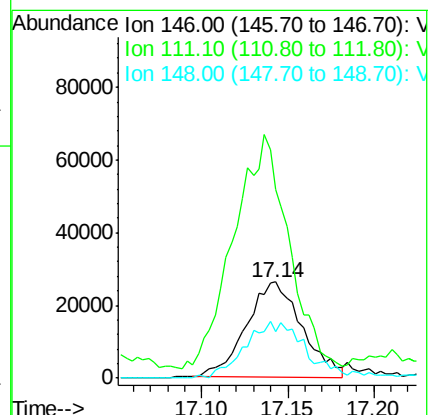
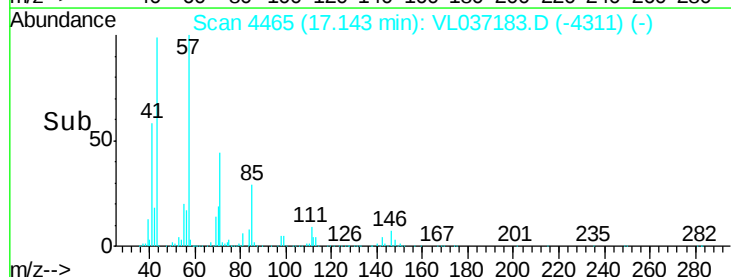
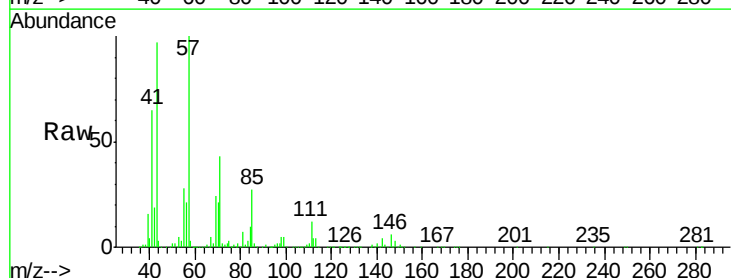
Tgt Ion:146 Resp: 58884

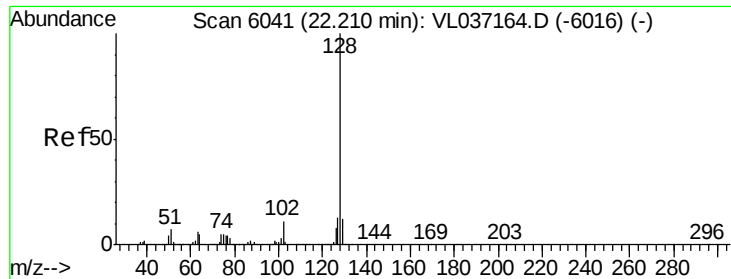
Ion Ratio Lower Upper

146 100

111 236.7 22.7 68.0#

148 67.6 33.7 101.1





#79
Naphthalene
Concen: 0.122 ppbv m
RT: 22.20 min Scan# 6039
Delta R.T. -0.01 min
Lab File: VL037183.D
Acq: 16 Jun 2021 23:25

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-1

Tot Ion	Ratio	Resp	Lower	Upper
128	100	51487		
127	12.9		10.7	16.1
129	15.0		9.3	13.9

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