

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037185.D
 Acq On : 17 Jun 2021 00:49
 Operator : SY/AP
 Sample : M2721-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 IA-PLAYROOM-2

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:38:27 PM

Quant Time: Jun 17 15:53:17 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	1527269	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4502851	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4031795	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3115820	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	61471	0.231	ppbv #	85
4) Chloromethane	3.14	50	56217	0.568	ppbv	97
10) Heptane	8.12	43	63576	0.276	ppbv #	85
11) Trichlorofluoromethane	3.95	101	50767	0.179	ppbv	95
13) Ethanol	3.61	45	2672012	181.908	ppbv	46
15) Acetone	3.84	43	3530905m	20.501	ppbv	
17) tert-Butyl alcohol	4.30	59	697088	4.379	ppbv	97
19) Isopropyl Alcohol	3.97	45	705587	6.764	ppbv #	1
20) Methylene Chloride	4.34	84	1070916	10.386	ppbv	96
25) Ethyl Acetate	5.67	43	5992768	16.073	ppbv	99
26) Hexane	5.68	57	2572173m	13.650	ppbv	
27) Carbon Disulfide	4.55	76	44702	0.242	ppbv #	79
30) Cyclohexane	7.13	84	419804	2.674	ppbv	86
34) 2-Butanone	5.24	43	916727	5.235	ppbv	100
35) Carbon Tetrachloride	7.01	117	14087m	0.047	ppbv	
36) Benzene	6.88	78	59451m	0.163	ppbv	
41) Tetrahydrofuran	6.05	42	79997	0.983	ppbv #	88
44) 2,2,4-Trimethylpentane	7.87	57	108598	0.177	ppbv #	67
50) 4-Methyl-2-Pentanone	8.74	43	34226m	0.142	ppbv	
53) Toluene	9.81	91	1654783	3.805	ppbv	100
58) Ethyl Benzene	12.71	91	415390	0.748	ppbv	92
59) m/p-Xylene	12.97	91	1262920	2.685	ppbv	98
60) o-Xylene	13.69	91	538551	1.202	ppbv	99
61) Styrene	13.53	104	6987179	30.228	ppbv	97
62) Isopropylbenzene	14.67	105	140179m	0.220	ppbv	
64) n-propylbenzene	15.56	120	66330	0.416	ppbv	78
67) sec-Butylbenzene	17.29	105	105981m	0.141	ppbv	
69) p-Isopropyltoluene	17.65	119	129532m	0.204	ppbv	
70) n-Butylbenzene	18.55	91	168380m	0.286	ppbv	
72) 4-Ethyltoluene	15.84	105	293722	0.577	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.00	105	352374	0.716	ppbv	90
74) 1,2,4-Trimethylbenzene	16.76	105	1063022	2.098	ppbv #	74
76) 1,4-Dichlorobenzene	17.14	146	57243m	0.186	ppbv	
79) Naphthalene	22.21	128	42840m	0.101	ppbv	

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

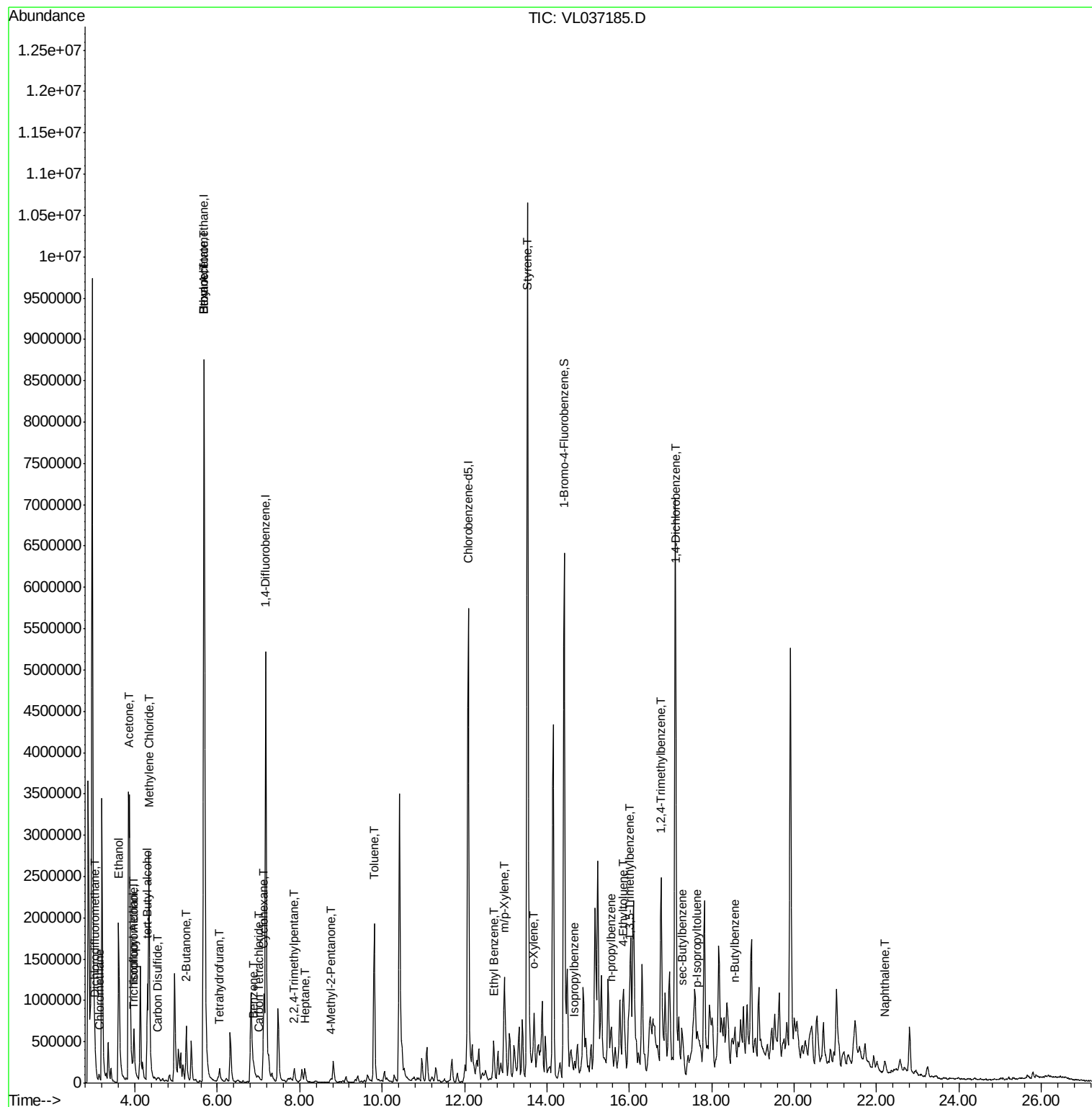
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL061621\
Data File : VL037185.D
Acq On : 17 Jun 2021 00:49
Operator : SY/AP
Sample : M2721-02
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

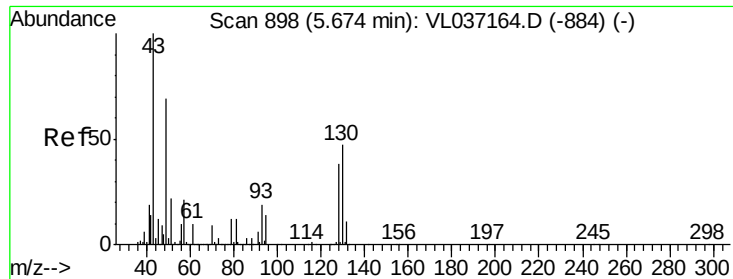
Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-2

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Quant Time: Jun 17 15:53:17 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





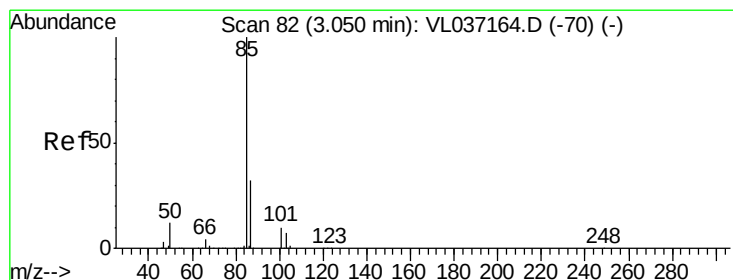
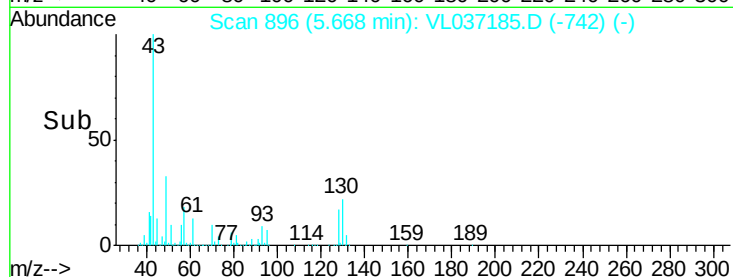
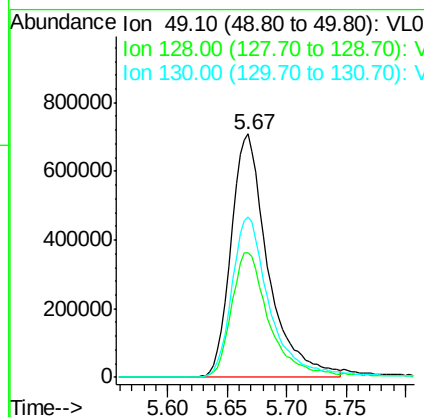
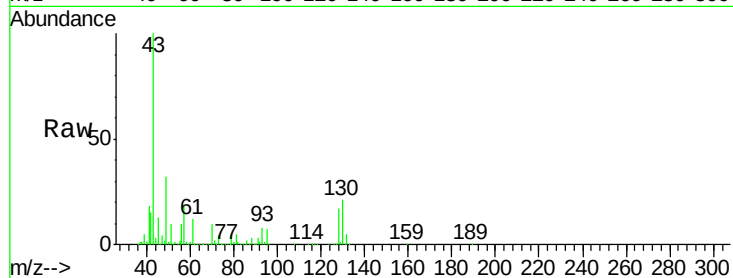
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-2

Tot Ion: 49 Resp: 1527269
Ion Ratio Lower Upper
49 100
128 53.9 29.3 88.0
130 68.5 35.9 107.8

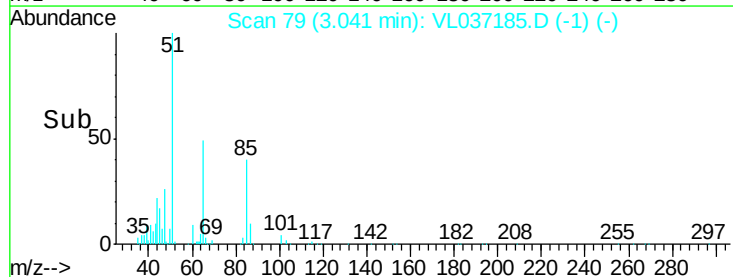
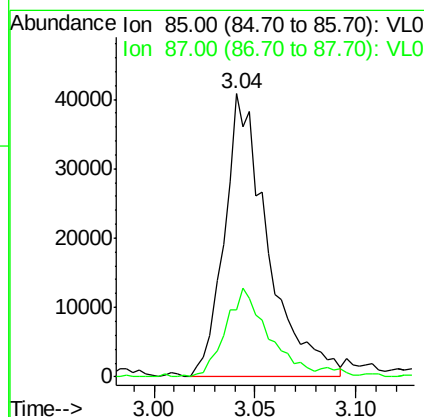
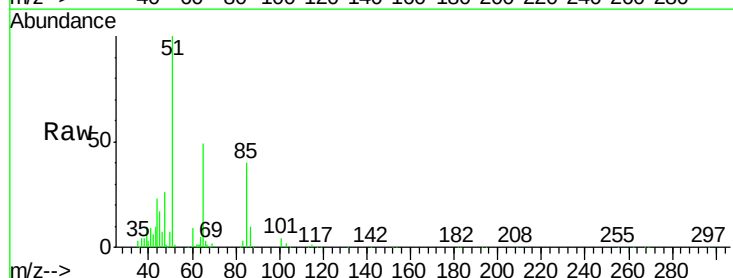
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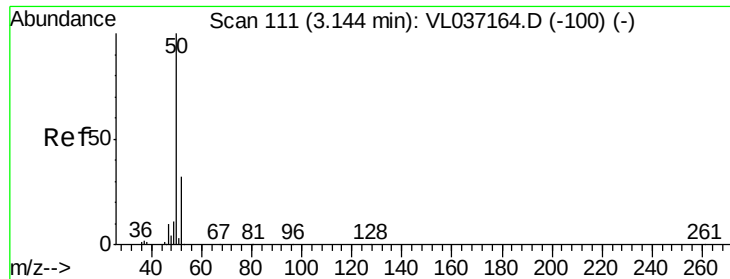
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#2
Dichlorodifluoromethane
Concen: 0.231 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Tgt Ion: 85 Resp: 61471
Ion Ratio Lower Upper
85 100
87 23.8 25.8 38.6#





#4

Chloromethane

Concen: 0.568 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL037185.D

Acq: 17 Jun 2021 00:49

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-2

Tot Ion: 50 Resp: 56217

Ion Ratio Lower Upper

50 100

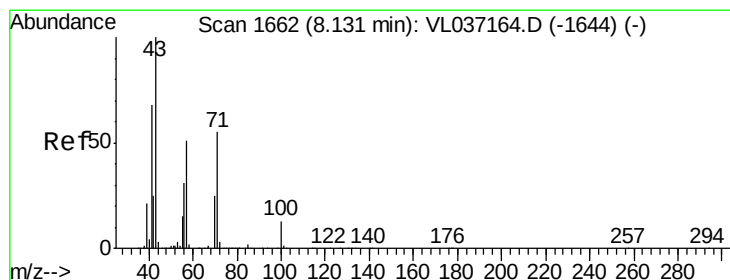
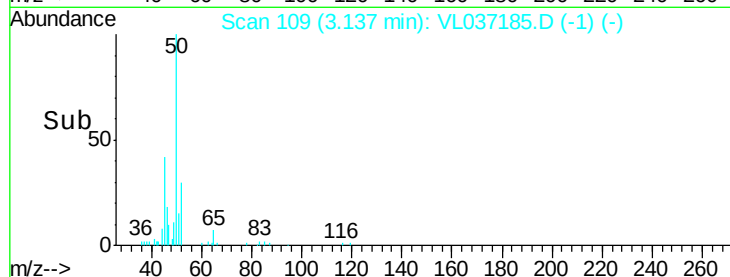
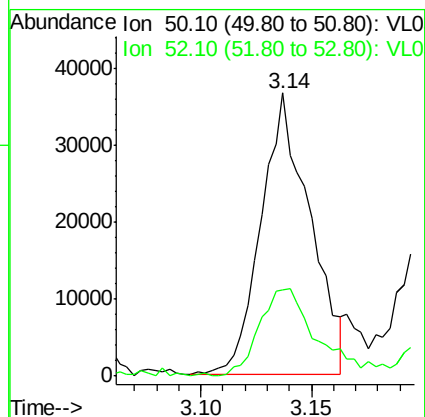
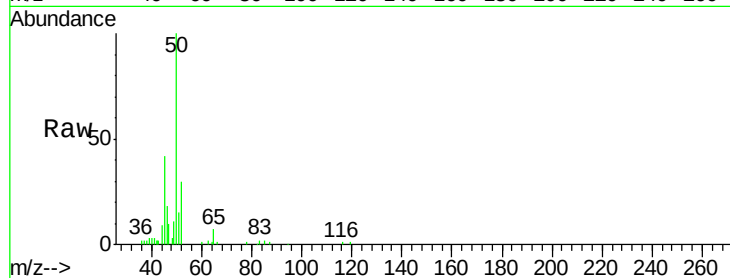
52 30.6 25.8 38.8

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#10

Heptane

Concen: 0.276 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.01 min

Lab File: VL037185.D

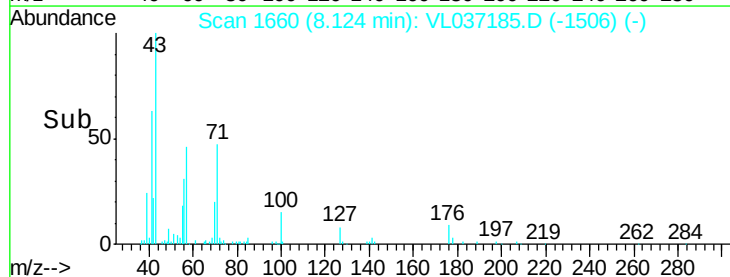
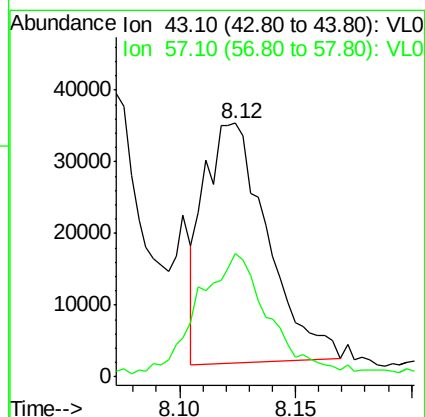
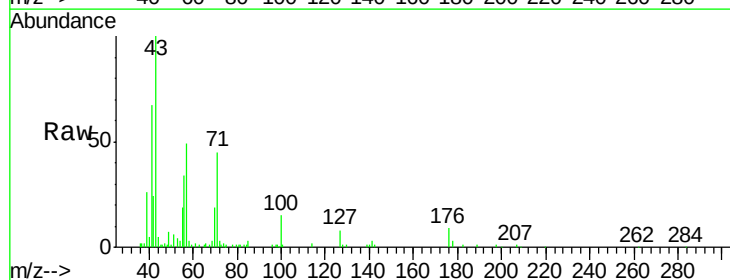
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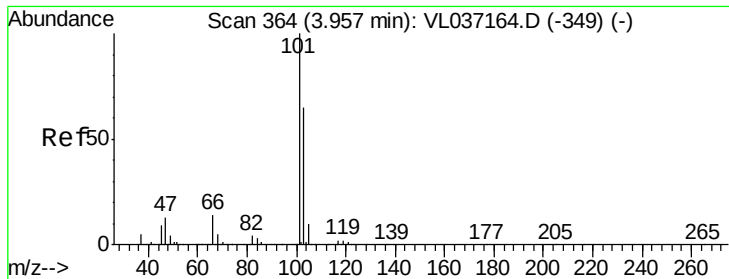
Tgt Ion: 43 Resp: 63576

Ion Ratio Lower Upper

43 100

57 61.0 40.6 61.0#





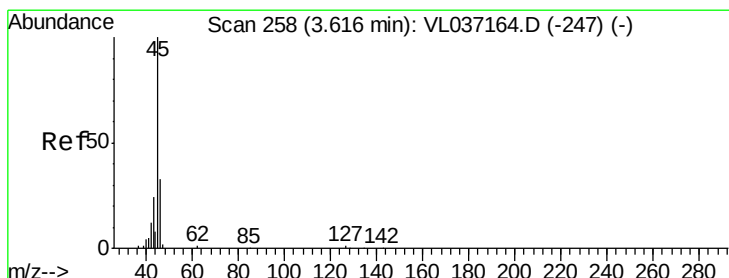
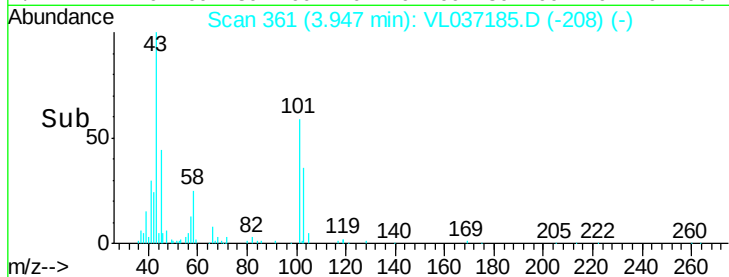
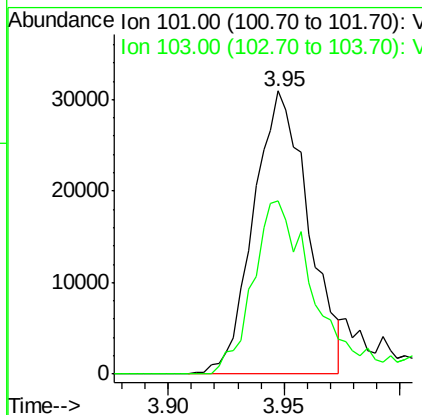
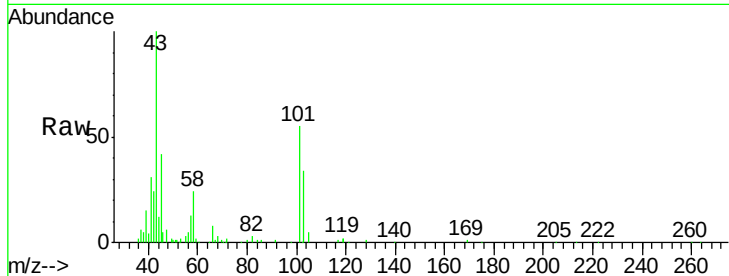
#11
 Trichlorofluoromethane
 Concen: 0.179 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. -0.01 min
 Lab File: VL037185.D
 Acq: 17 Jun 2021 00:49

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAYROOM-2

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.3	52.2	78.4

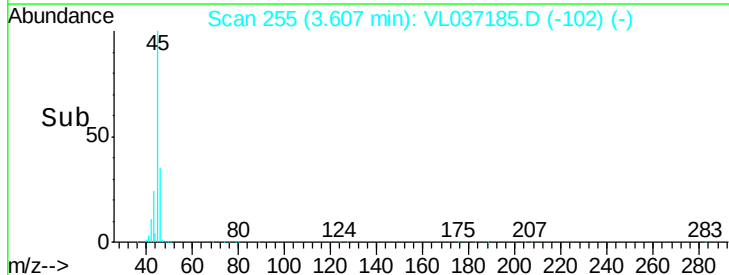
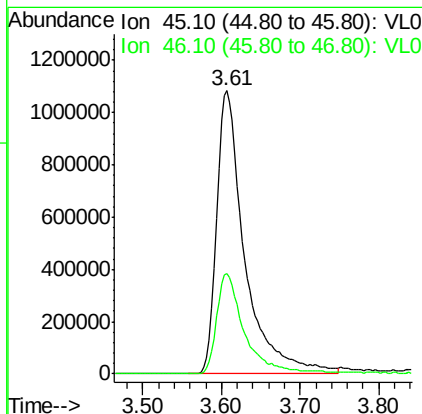
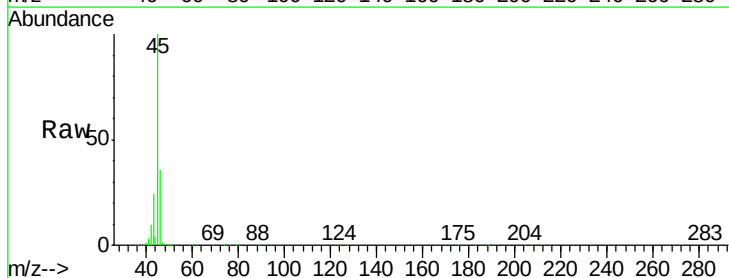
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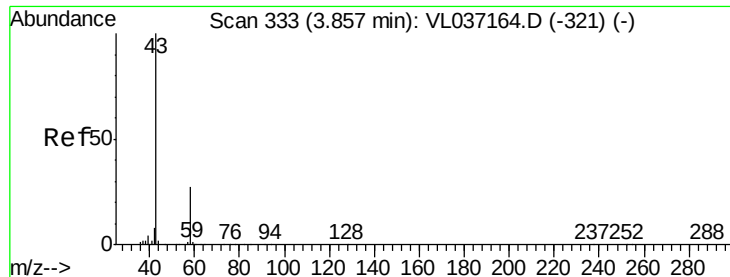
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#13
 Ethanol
 Concen: 181.908 ppbv
 RT: 3.61 min Scan# 255
 Delta R.T. -0.01 min
 Lab File: VL037185.D
 Acq: 17 Jun 2021 00:49

Tgt Ion	Ratio	Lower	Upper
45	100		
46	36.3	34.2	137.0





#15

Acetone

Concen: 20.501 ppbv m

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL037185.D

Acq: 17 Jun 2021 00:49

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-2

Tot Ion: 43 Resp: 3530905

Ion Ratio Lower Upper

43 100

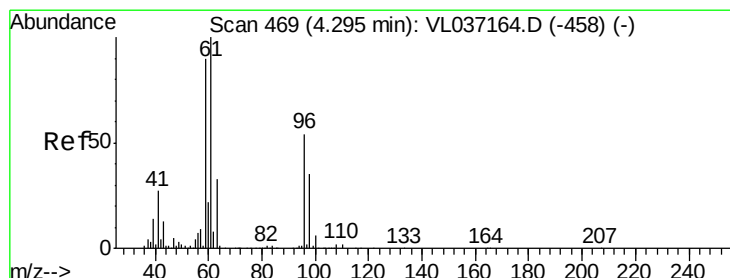
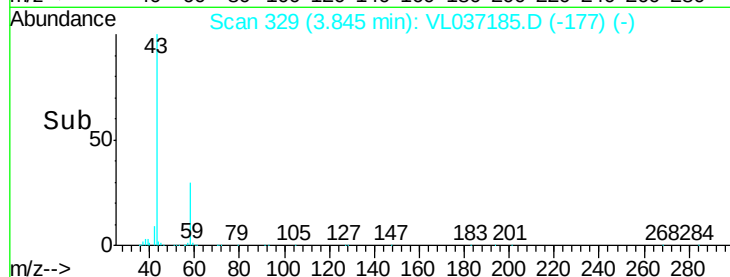
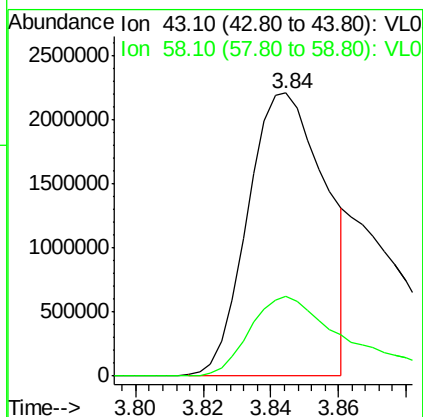
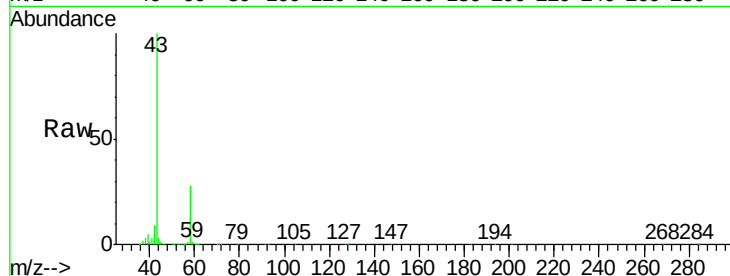
58 40.2 23.7 35.5#

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6/17/2021 5:38:27 PM



#17

tert-Butyl alcohol

Concen: 4.379 ppbv

RT: 4.30 min Scan# 471

Delta R.T. 0.01 min

Lab File: VL037185.D

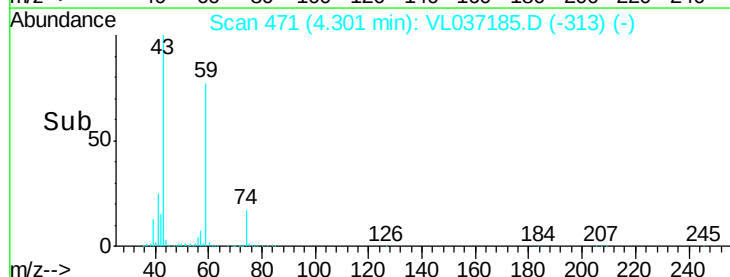
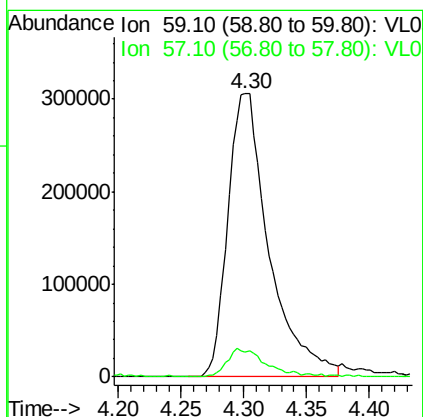
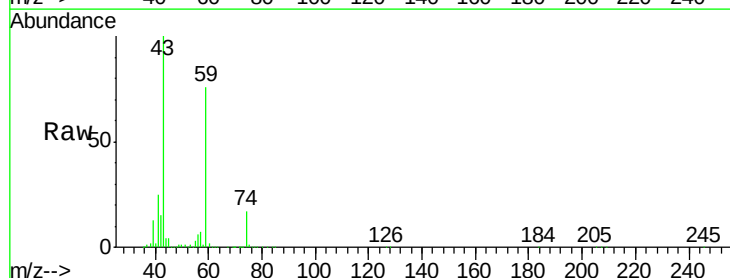
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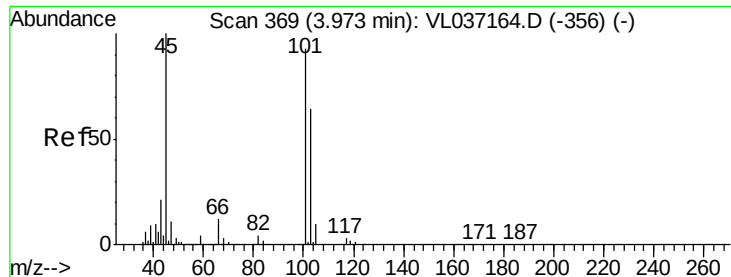
Tgt Ion: 59 Resp: 697088

Ion Ratio Lower Upper

59 100

57 9.8 8.8 13.2





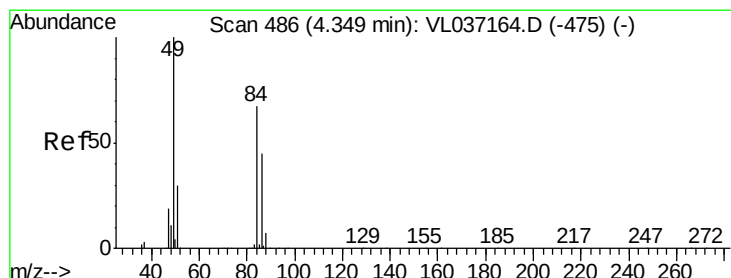
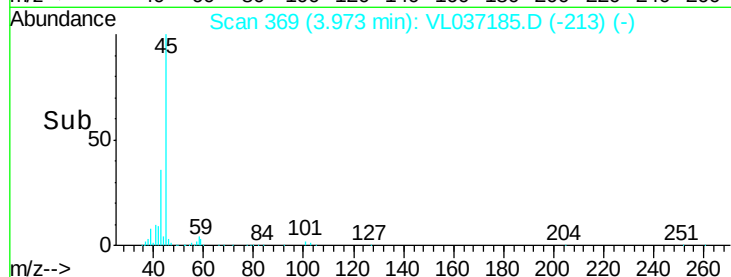
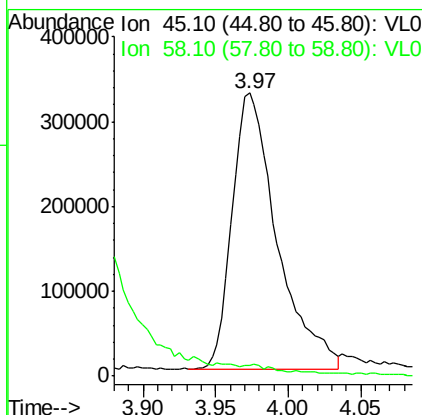
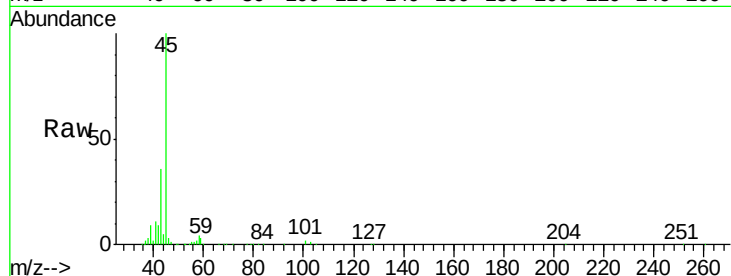
#19
Isopropyl Alcohol
Concen: 6.764 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.00 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-2

Tot Ion: 45 Resp: 705587
Ion Ratio Lower Upper
45 100
58 201.1 2.4 3.6#

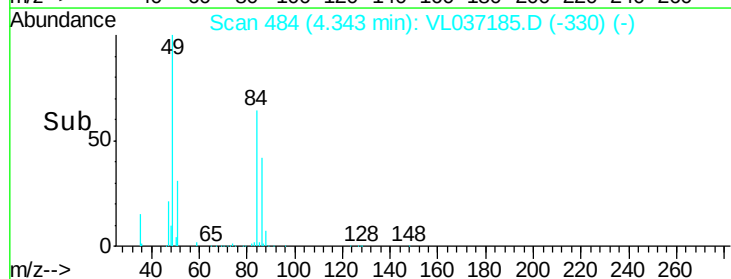
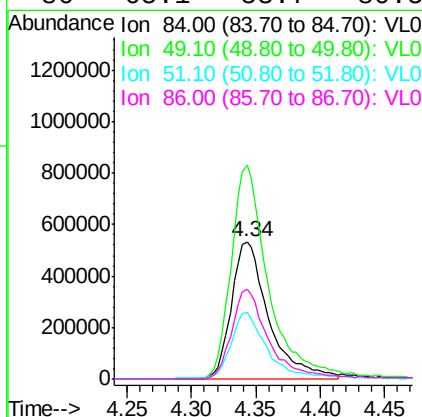
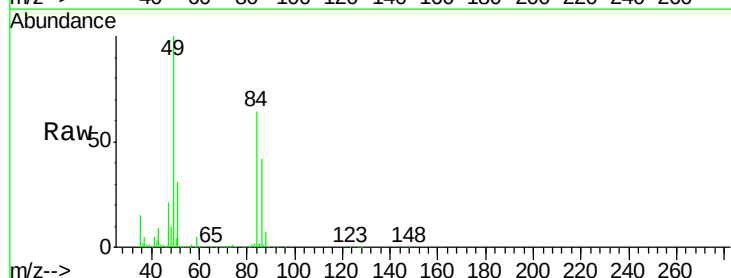
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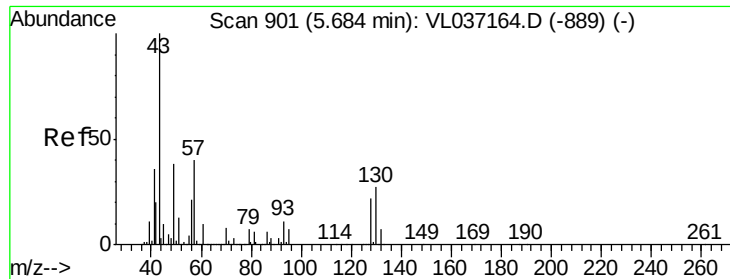
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#20
Methylene Chloride
Concen: 10.386 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Tgt Ion: 84 Resp: 1070916
Ion Ratio Lower Upper
84 100
49 155.1 119.7 179.5
51 47.3 36.1 54.1
86 65.1 53.7 80.5





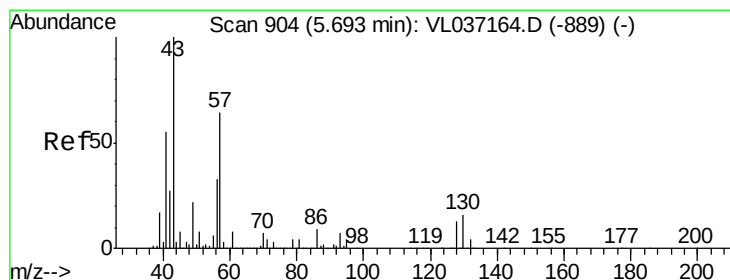
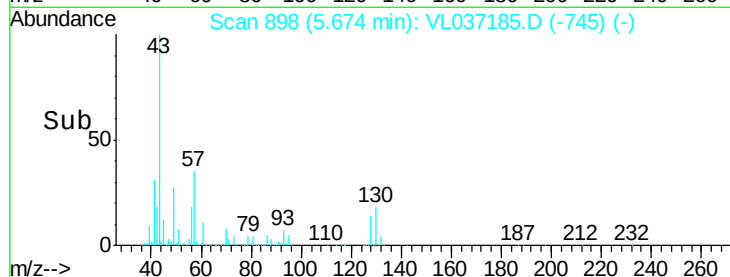
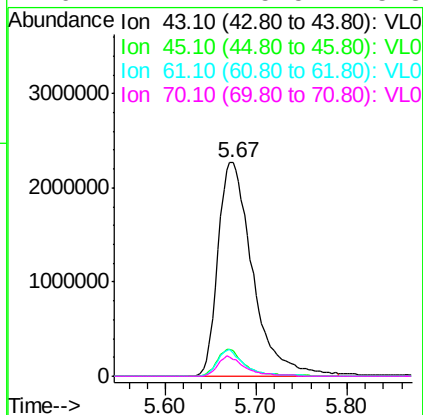
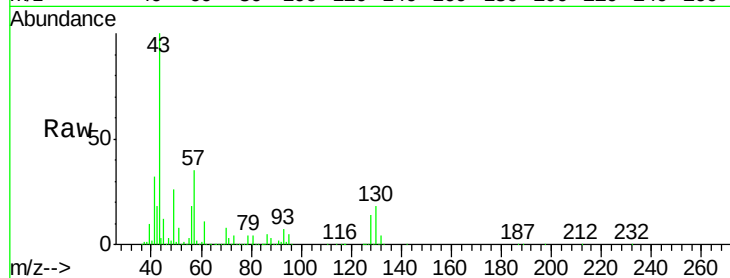
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Ethyl Acetate
Concen: 16.073 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-2

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
45	10.5	8.0	12.0	
61	9.9	8.1	12.1	
70	7.7	5.5	8.3	

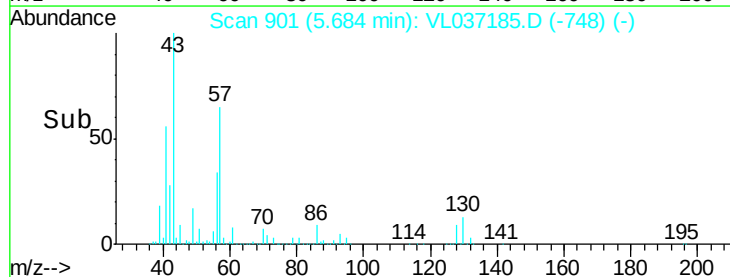
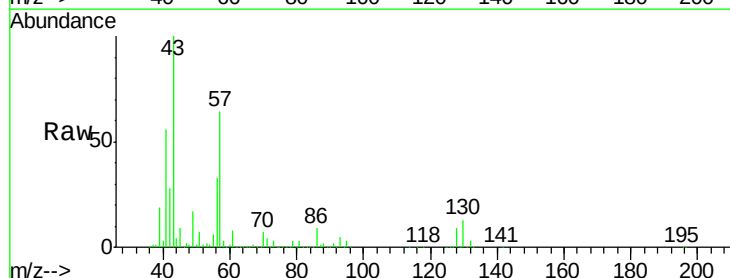
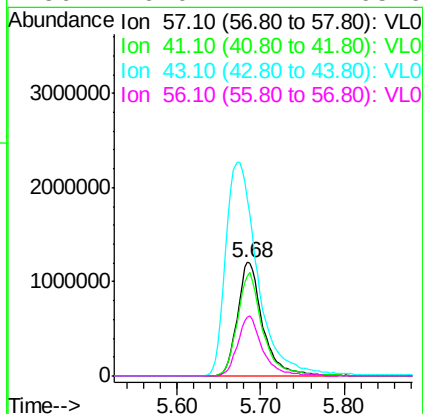
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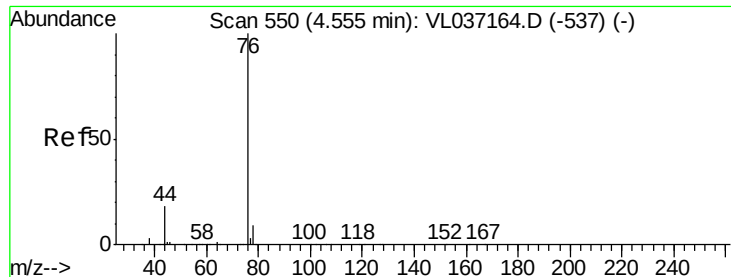
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#26
Hexane
Concen: 13.650 ppbv m
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

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: 0.242 ppbv

RT: 4.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: VL037185.D

Acq: 17 Jun 2021 00:49

Instrument :

MSVOA_L

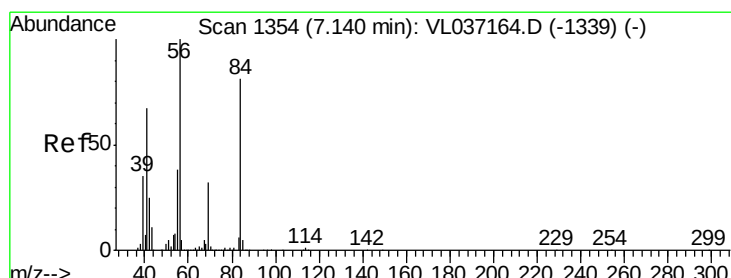
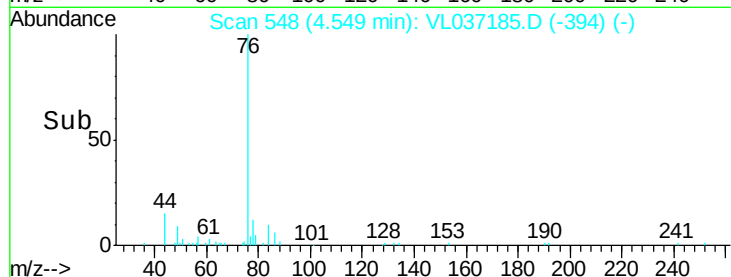
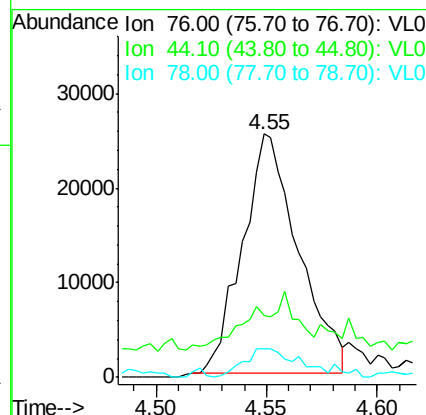
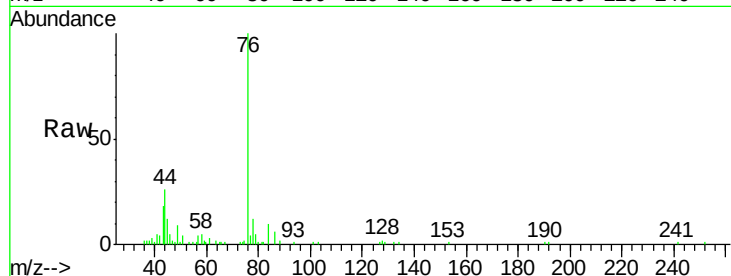
ClientSampleId :

IA-PLAYROOM-2

Tot Ion:	76	Resp:	44702
Ion Ratio	Lower	Upper	
76	100		
44	30.6	15.4	23.2#
78	15.4	8.0	12.0#

Manual Integrations
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#30

Cyclohexane

Concen: 2.674 ppbv

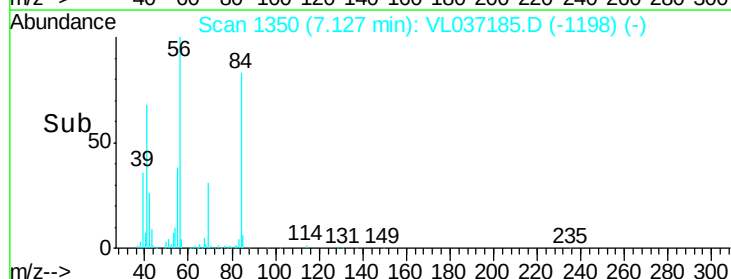
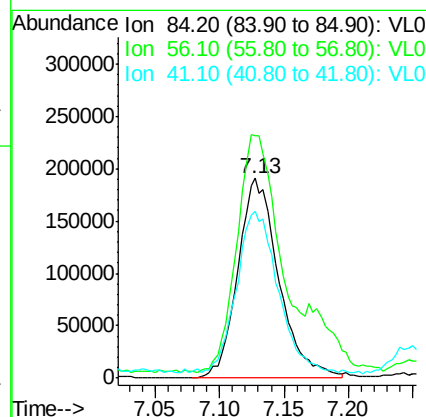
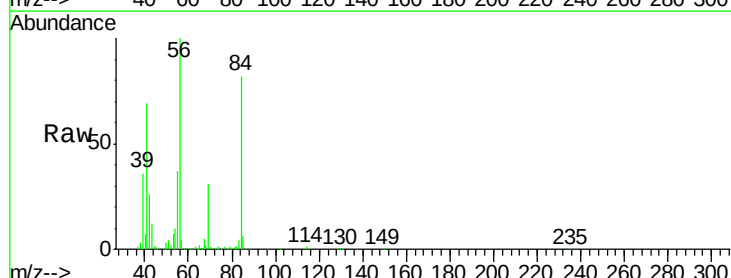
RT: 7.13 min Scan# 1350

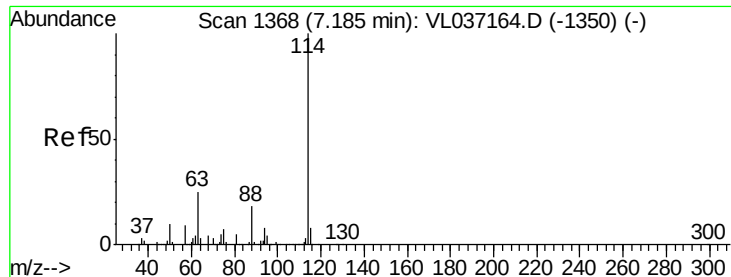
Delta R.T. -0.01 min

Lab File: VL037185.D

Acq: 17 Jun 2021 00:49

Tgt Ion:	84	Resp:	419804
Ion Ratio	Lower	Upper	
84	100		
56	159.0	107.7	161.5
41	89.9	69.0	103.6





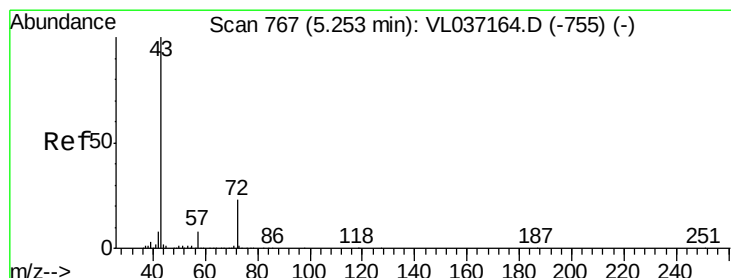
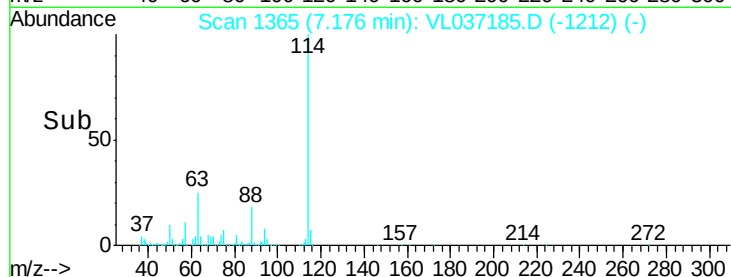
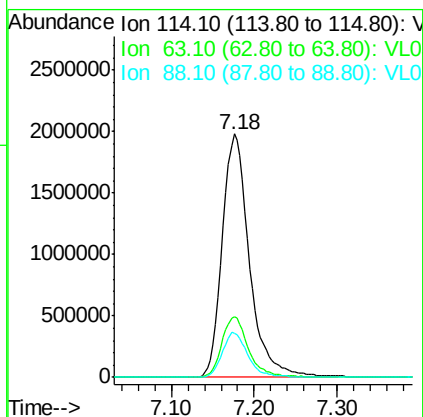
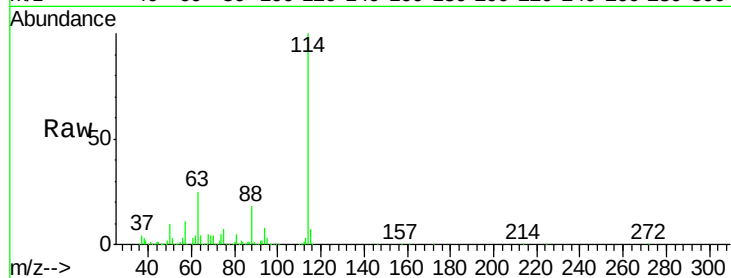
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: VL037185.D
 Acq: 17 Jun 2021 00:49

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAYROOM-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.6	29.4
88	17.7	14.2	21.2

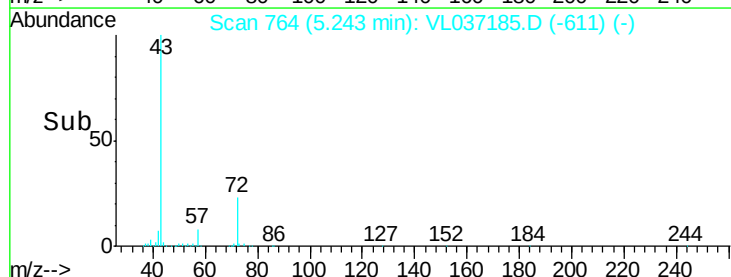
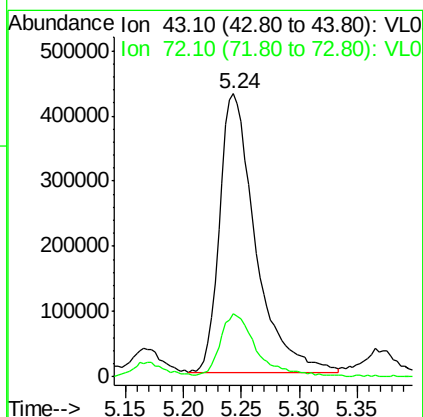
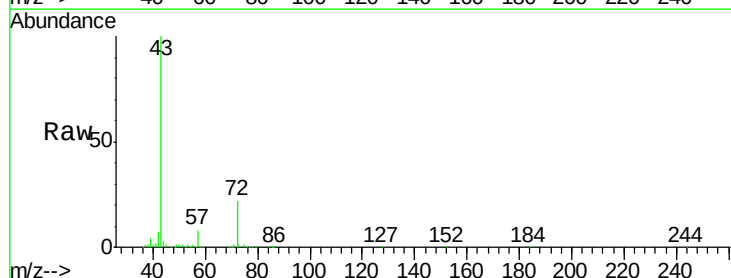
Manual Integrations
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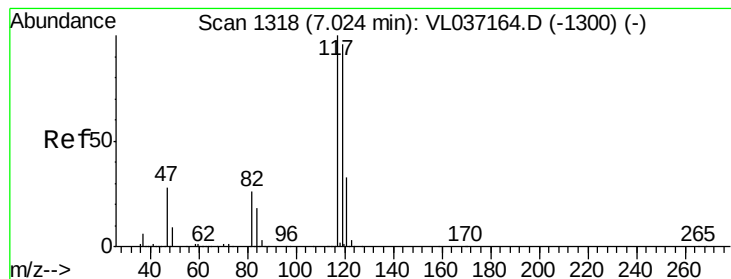
MMDadoda
 6/17/2021 5:38:27 PM



#34
 2-Butanone
 Concen: 5.235 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: VL037185.D
 Acq: 17 Jun 2021 00:49

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.5	18.9	28.3





#35

Carbon Tetrachloride

Concen: 0.047 ppbv m

RT: 7.01 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VL037185.D

Acq: 17 Jun 2021 00:49

Instrument :

MSVOA_L

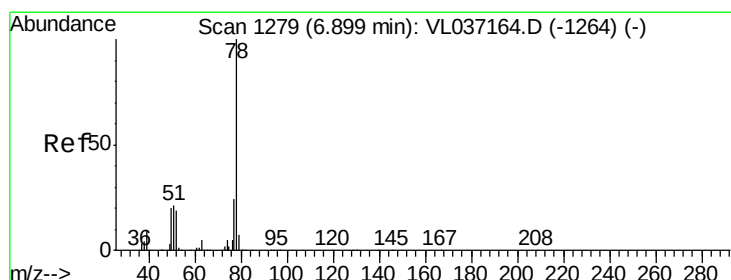
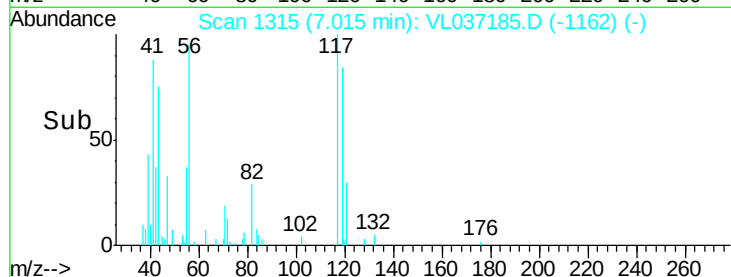
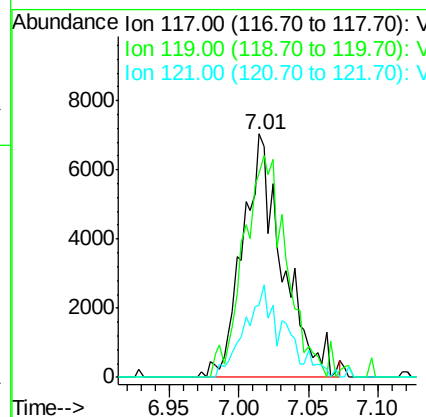
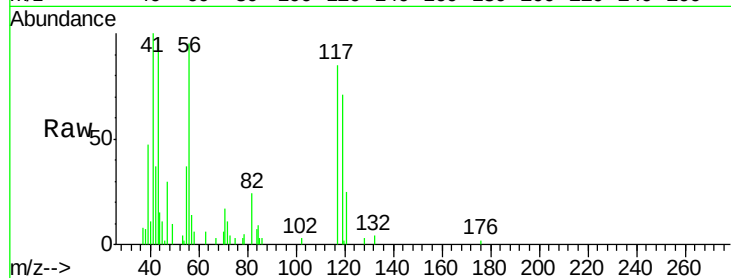
ClientSampleId :

IA-PLAYROOM-2

Tot Ion:	117	Resp:	14087
Ion Ratio	Lower	Upper	
117	100		
119	84.0	76.6	114.8
121	29.5	26.4	39.6

Manual Integrations
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#36

Benzene

Concen: 0.163 ppbv m

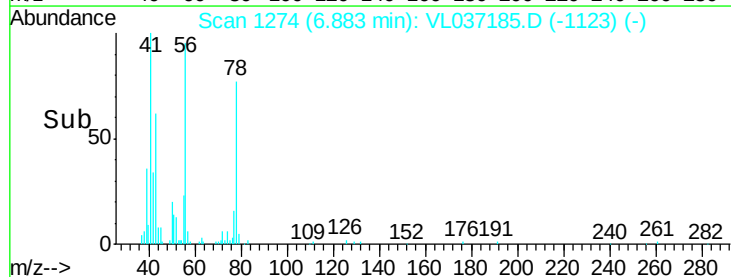
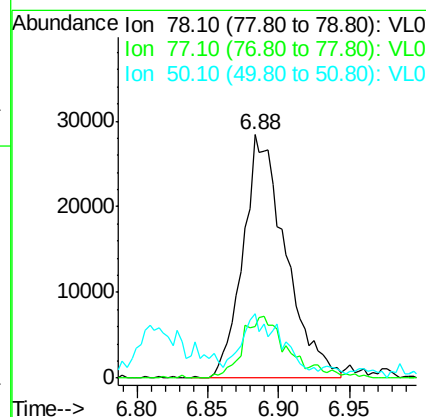
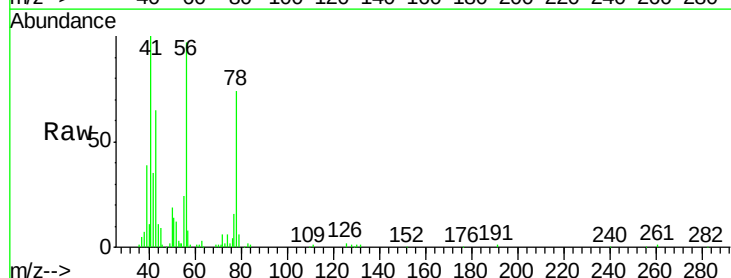
RT: 6.88 min Scan# 1274

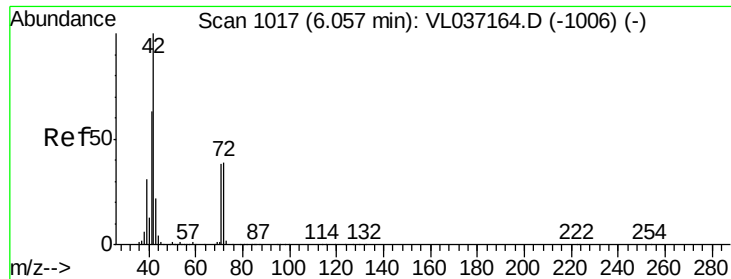
Delta R.T. -0.02 min

Lab File: VL037185.D

Acq: 17 Jun 2021 00:49

Tgt Ion:	78	Resp:	59451
Ion Ratio	Lower	Upper	
78	100		
77	21.1	19.0	28.6
50	26.3	15.7	23.5#





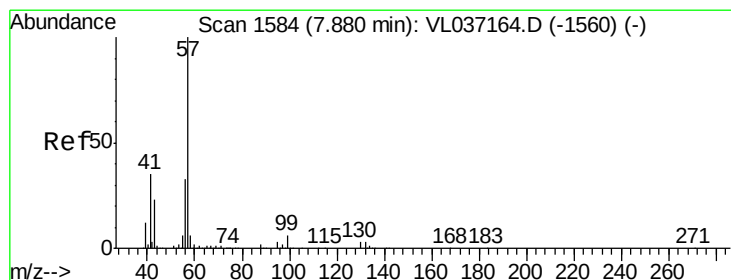
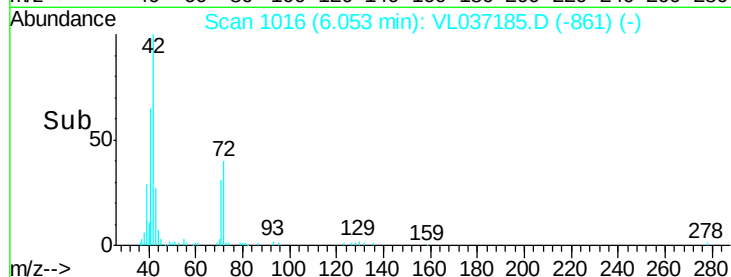
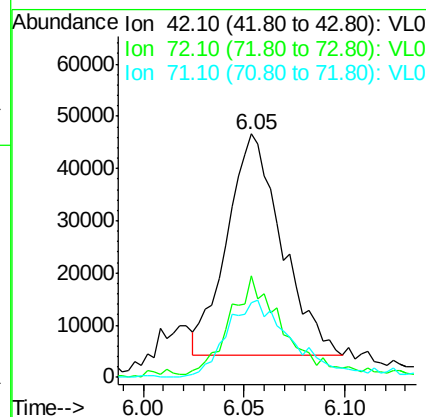
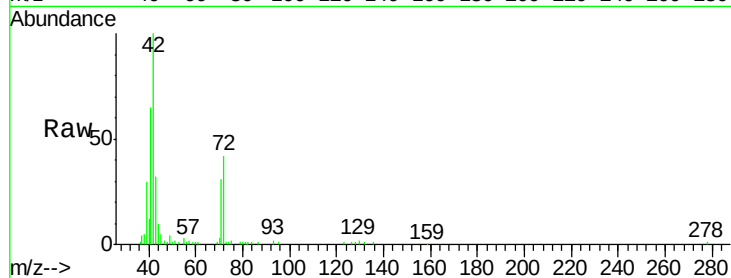
#41
Tetrahydrofuran
Concen: 0.983 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-2

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	33.0	49.4#
71	44.1	31.0	46.6

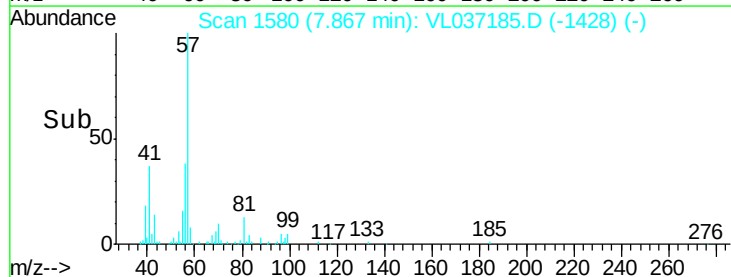
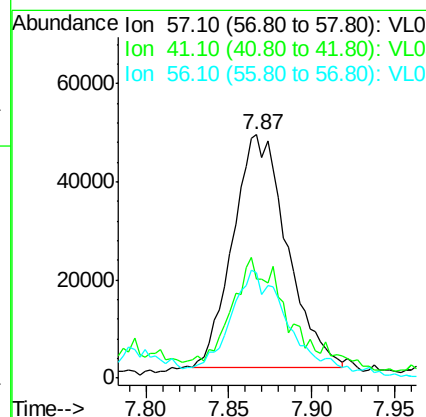
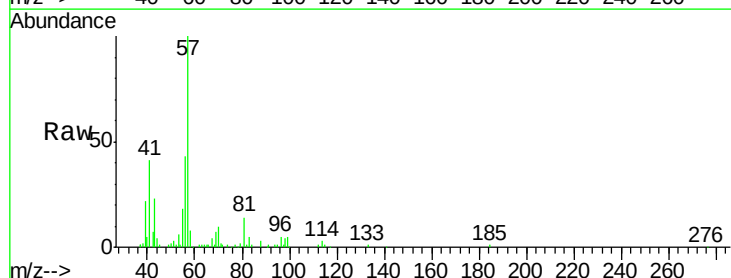
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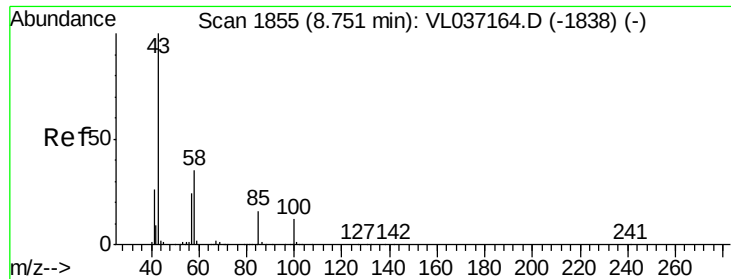
MMDadoda
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#44
2,2,4-Trimethylpentane
Concen: 0.177 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Tgt Ion	Ratio	Lower	Upper
57	100		
41	51.6	27.6	41.4#
56	52.0	25.3	37.9#





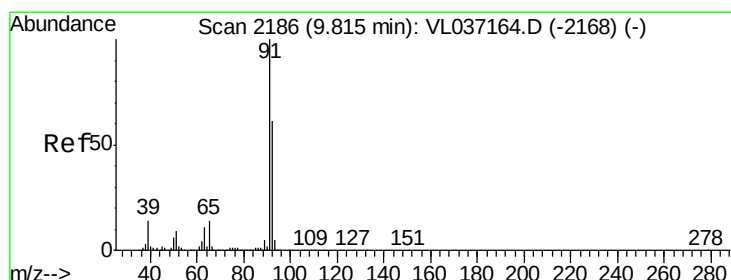
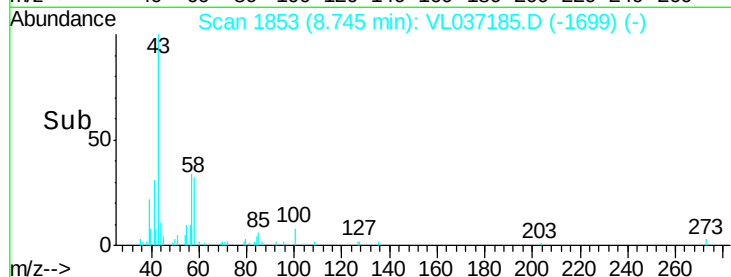
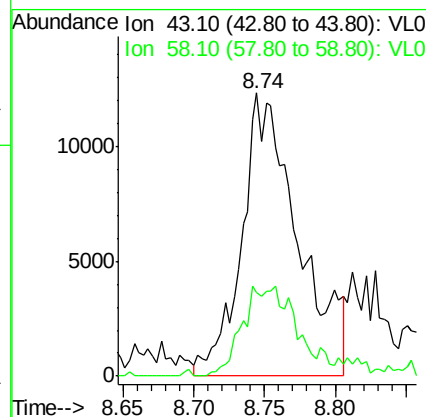
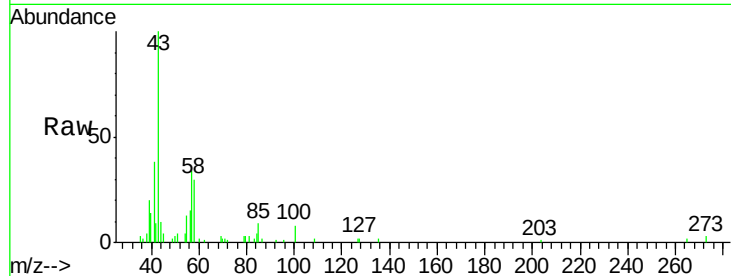
#50
4-Methyl-2-Pentanone
Concen: 0.142 ppbv m
RT: 8.74 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-2

Tot Ion	43	Resp	34226
Ion Ratio	100	Lower	Upper
43	100		
58	35.5	28.4	42.6

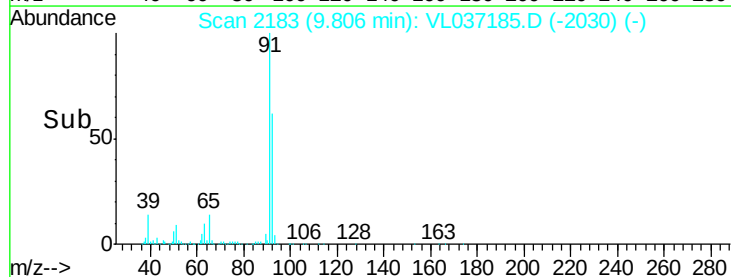
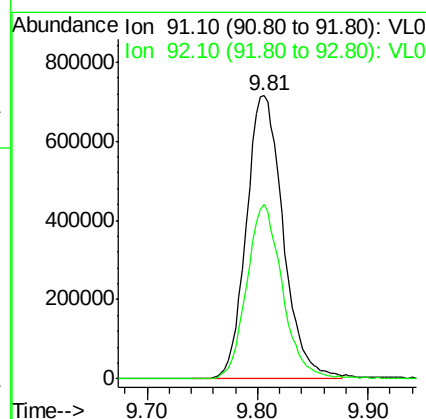
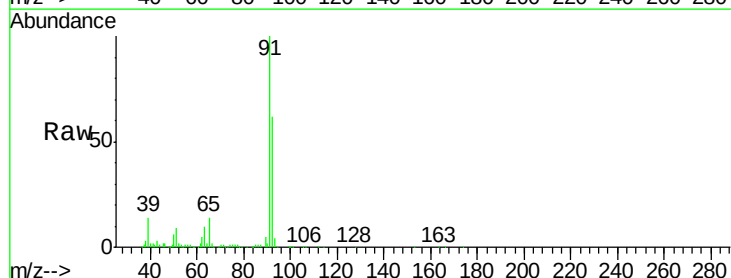
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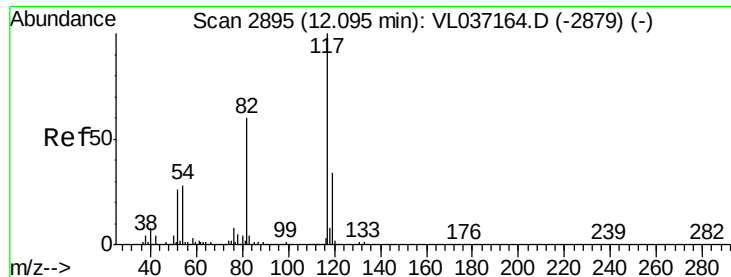
MMDadoda
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#53
Toluene
Concen: 3.805 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. -0.01 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Tgt Ion	91	Resp	1654783
Ion Ratio	100	Lower	Upper
91	100		
92	60.3	48.3	72.5





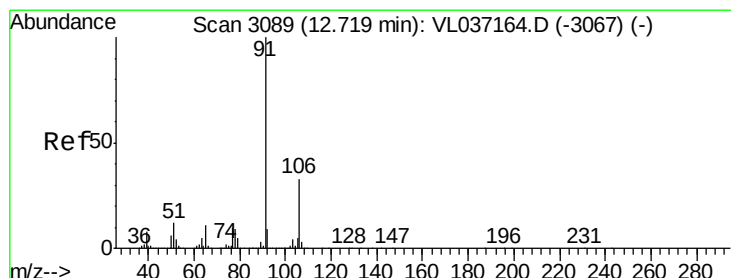
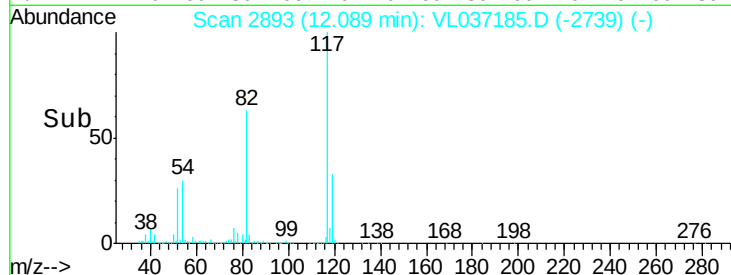
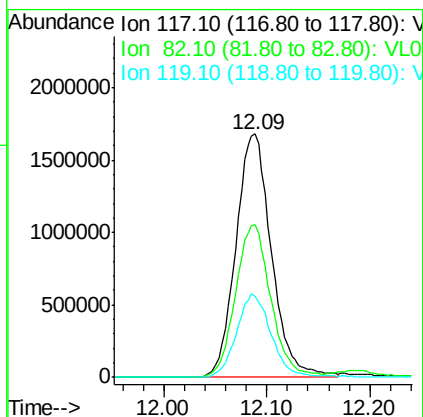
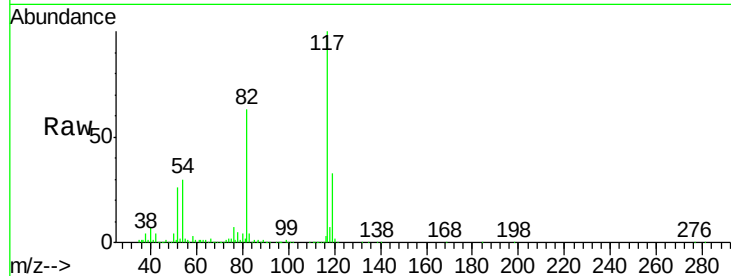
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-2

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

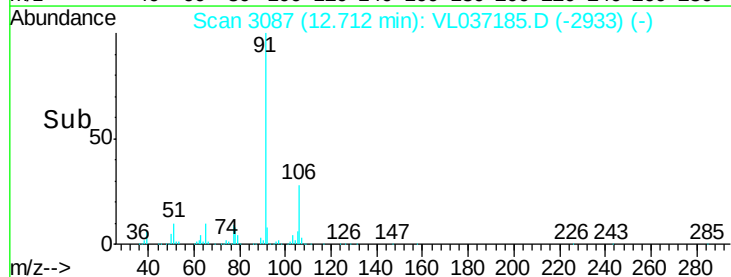
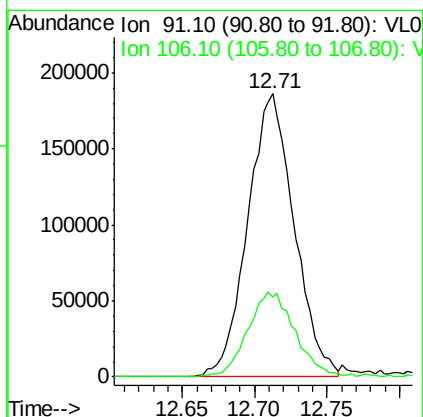
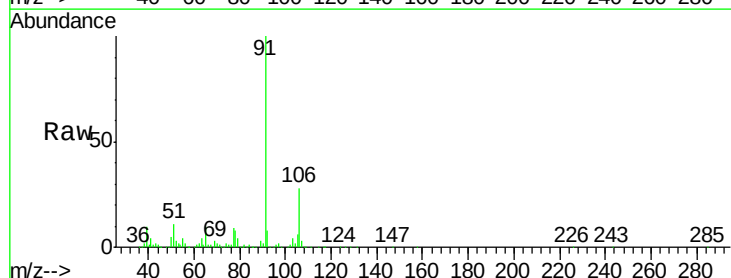
Manual Integrations
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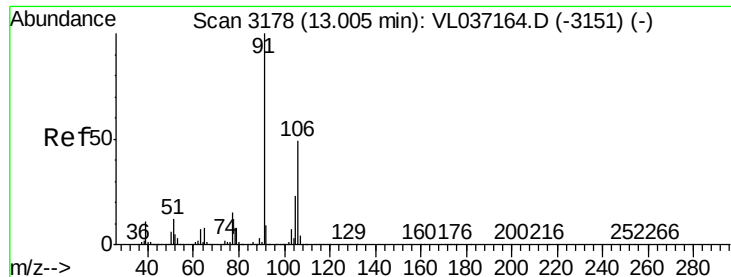
MMDadoda
6/17/2021 5:38:27 PM



#58
Ethyl Benzene
Concen: 0.748 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.1	26.3	39.5





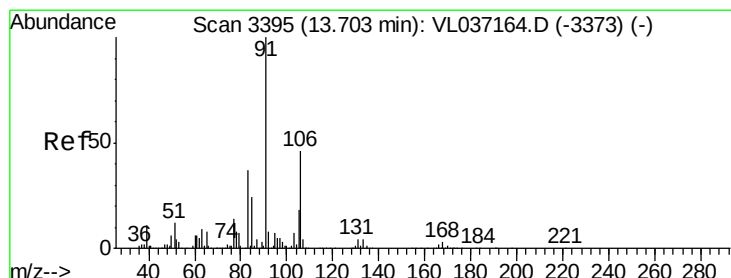
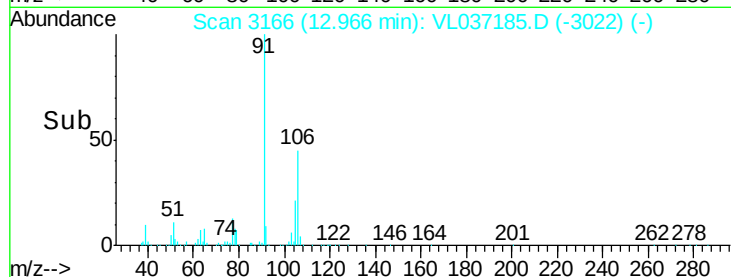
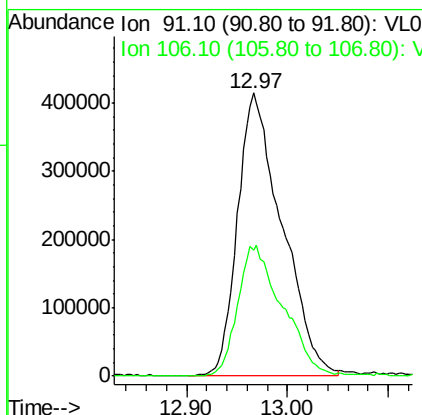
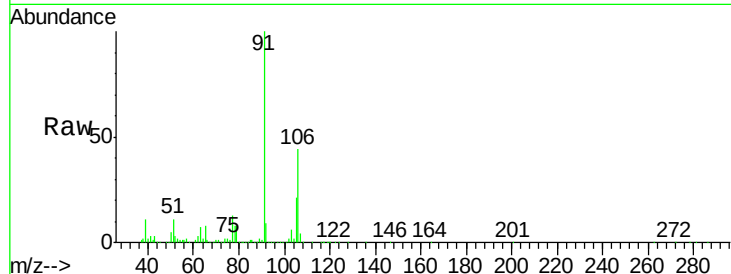
#59
m/p-Xylene
Concen: 2.685 ppbv
RT: 12.97 min Scan# 3166
Delta R.T. -0.04 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-2

Tot Ion: 91 Resp: 1262920
Ion Ratio Lower Upper
91 100
106 47.2 37.0 55.4

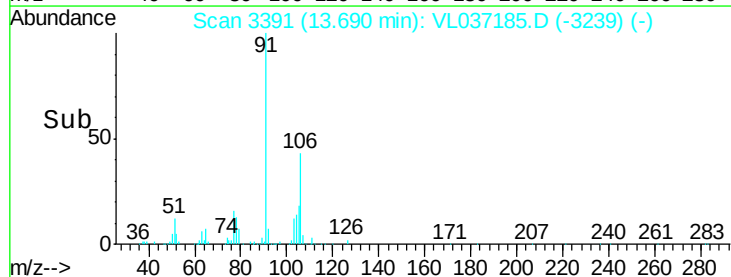
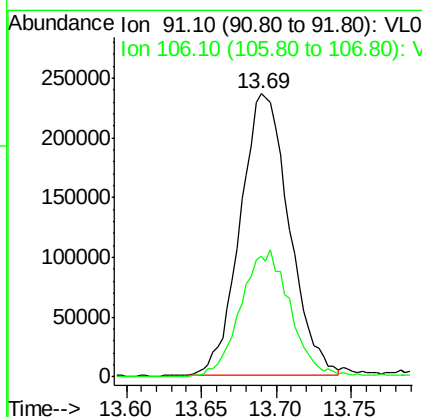
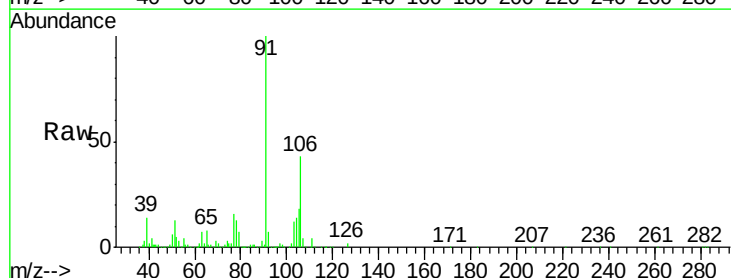
Manual Integrations
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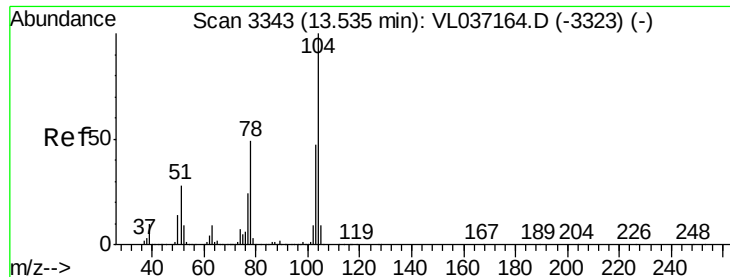
MMDadoda
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#60
o-Xylene
Concen: 1.202 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Tgt Ion: 91 Resp: 538551
Ion Ratio Lower Upper
91 100
106 45.4 23.0 69.0





#61

Stvrene

Concen: 30.228 ppbv

RT: 13.53 min Scan# 3341

Delta R.T. -0.01 min

Lab File: VL037185.D

Acq: 17 Jun 2021 00:49

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-2

Tot Ion:104 Resp: 6987179

Ion Ratio Lower Upper

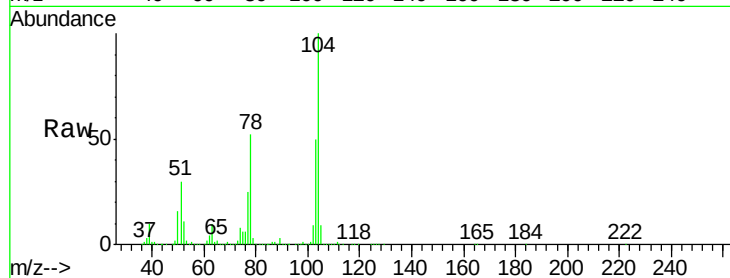
104 100

78 51.6 39.7 59.5

103 49.2 37.6 56.4

Manual Integrations
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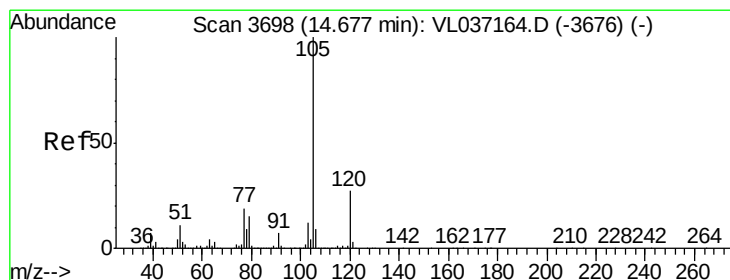
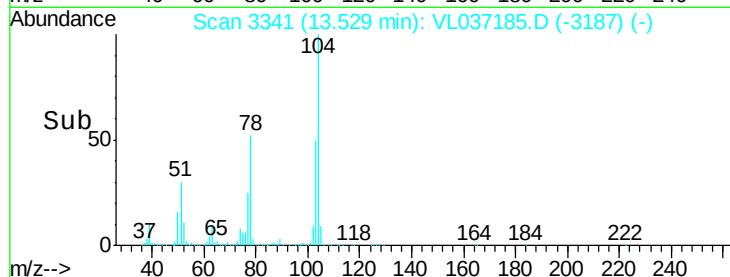
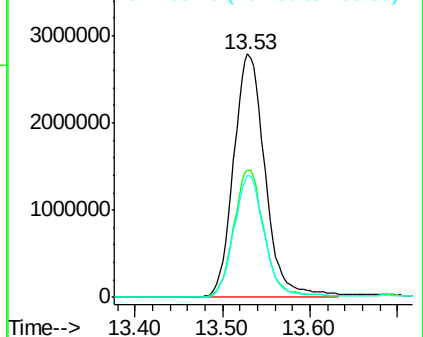
MMDadoda
6/17/2021 5:38:27 PM



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: 0.220 ppbv m

RT: 14.67 min Scan# 3696

Delta R.T. -0.01 min

Lab File: VL037185.D

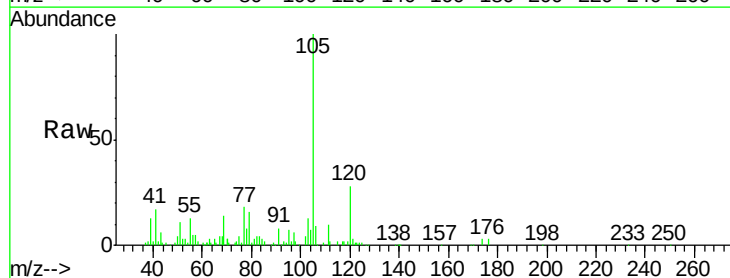
Acq: 17 Jun 2021 00:49

Tgt Ion:105 Resp: 140179

Ion Ratio Lower Upper

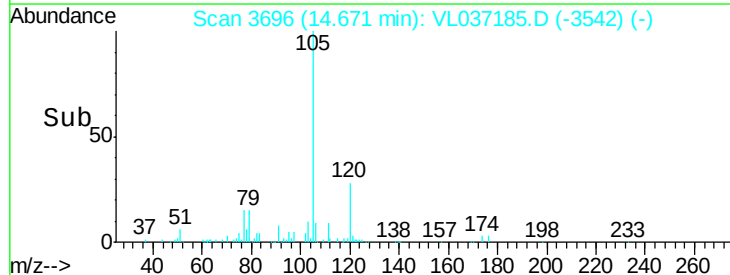
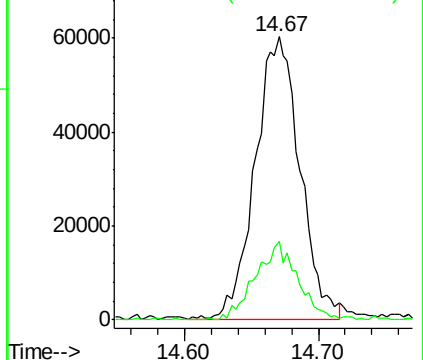
105 100

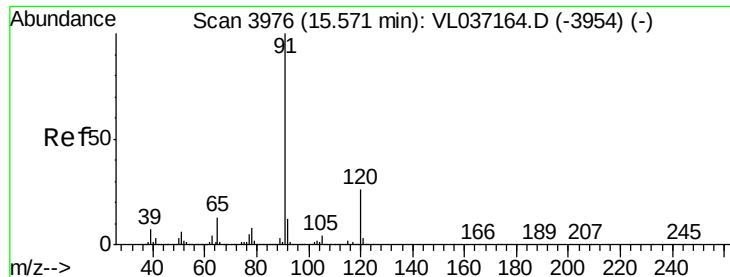
120 26.1 21.6 32.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#64

n-propylbenzene

Concen: 0.416 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. -0.01 min

Lab File: VL037185.D

Acq: 17 Jun 2021 00:49

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-2

Tot Ion:120 Resp: 66330

Ion Ratio Lower Upper

120 100

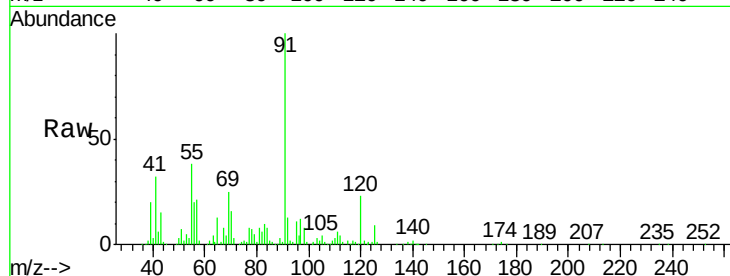
91 482.6 343.3 514.9

Manual Integrations

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MMDadoda

6/17/2021 5:38:27 PM



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

150000

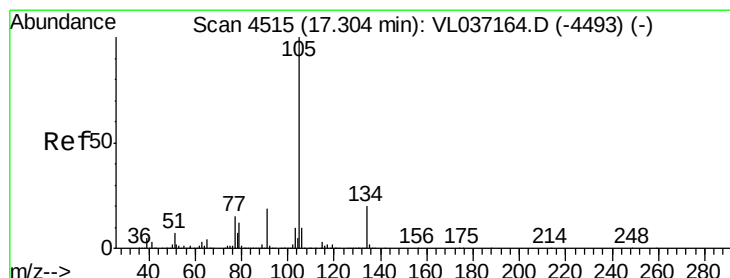
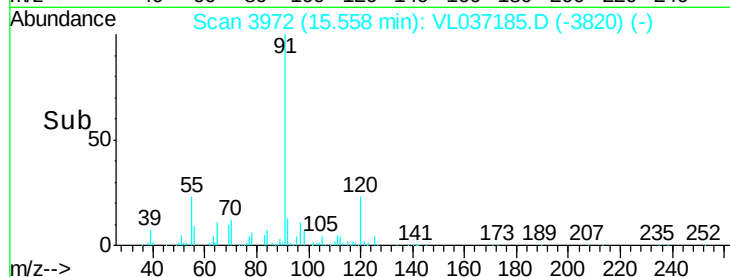
100000

50000

0

15.50 15.55 15.60 15.65

Time-->



#67

sec-Butylbenzene

Concen: 0.141 ppbv m

RT: 17.29 min Scan# 4512

Delta R.T. -0.01 min

Lab File: VL037185.D

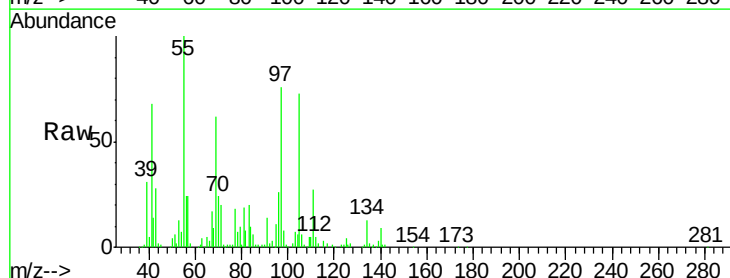
Acq: 17 Jun 2021 00:49

Tgt Ion:105 Resp: 105981

Ion Ratio Lower Upper

105 100

134 18.2 15.8 23.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

50000

40000

30000

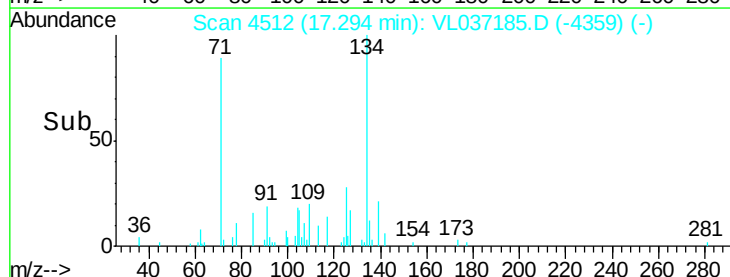
20000

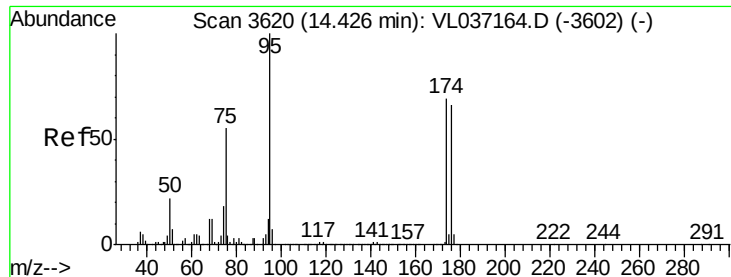
10000

0

17.20 17.25 17.30 17.35

Time-->





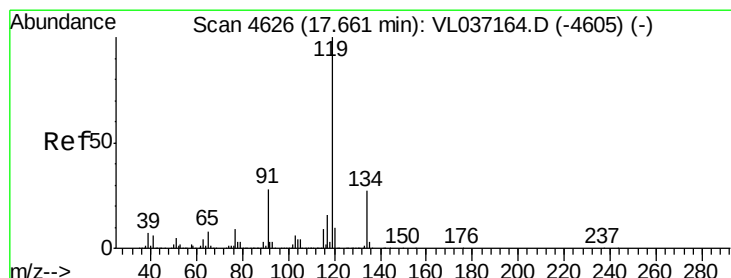
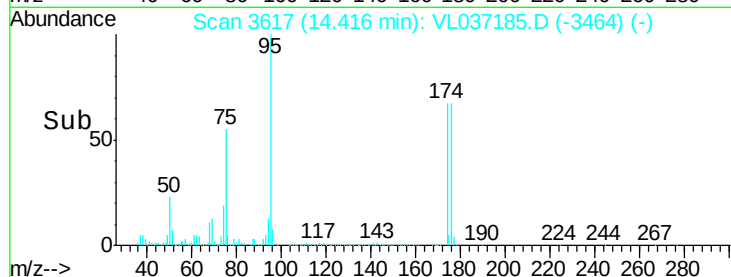
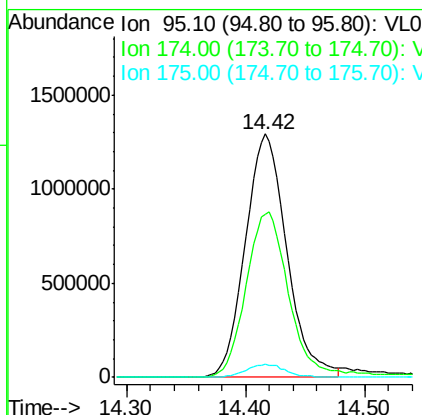
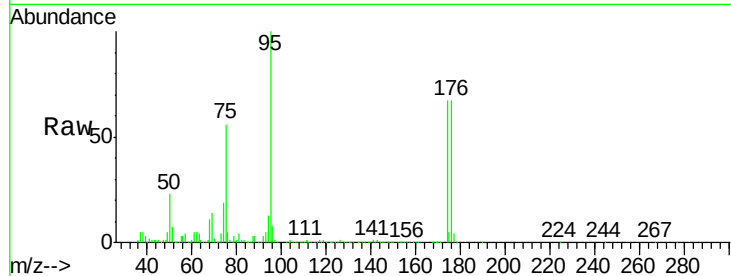
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.199 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL037185.D
 Acq: 17 Jun 2021 00:49

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAYROOM-2

Tot Ion: 95 Resp: 3115820
 Ion Ratio Lower Upper
 95 100
 174 72.5 57.0 85.4
 175 5.2 4.4 6.6

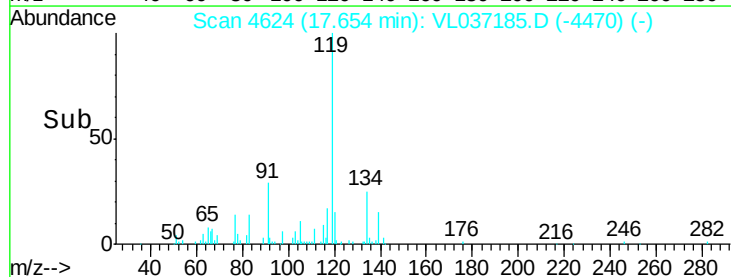
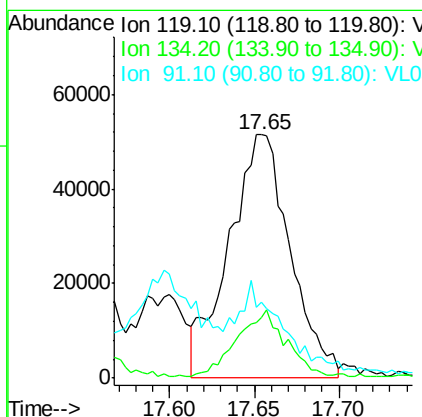
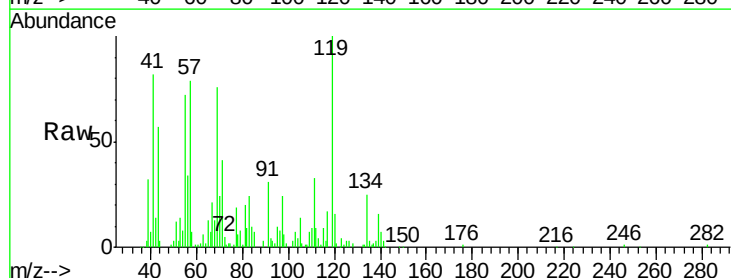
Manual Integrations
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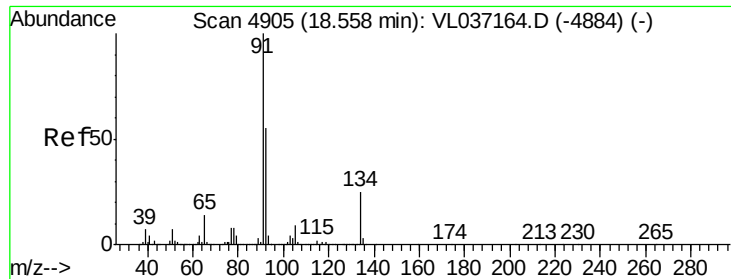
MMDadoda
 6/17/2021 5:38:27 PM



#69
 p-Isopropyltoluene
 Concen: 0.204 ppbv m
 RT: 17.65 min Scan# 4624
 Delta R.T. -0.01 min
 Lab File: VL037185.D
 Acq: 17 Jun 2021 00:49

Tgt Ion: 119 Resp: 129532
 Ion Ratio Lower Upper
 119 100
 134 23.8 20.9 31.3
 91 34.0 22.6 34.0#





#70

n-Butylbenzene

Concen: 0.286 ppbv m

RT: 18.55 min Scan# 4903

Delta R.T. -0.01 min

Lab File: VL037185.D

Acq: 17 Jun 2021 00:49

Instrument :

MSVOA_L

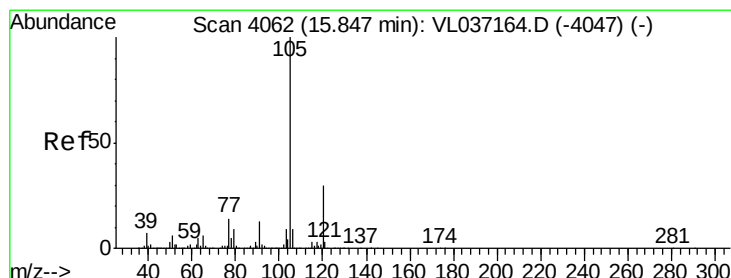
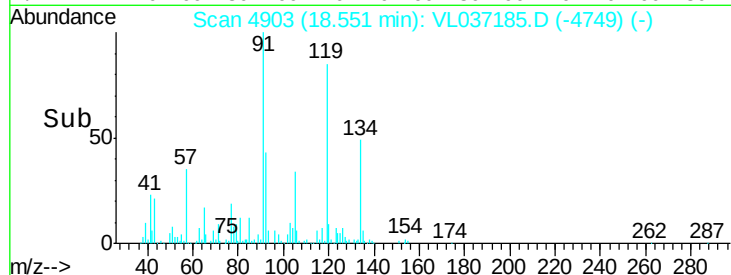
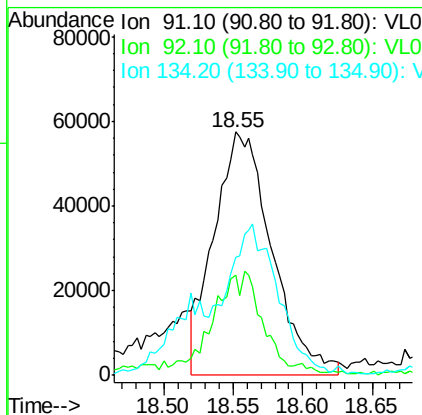
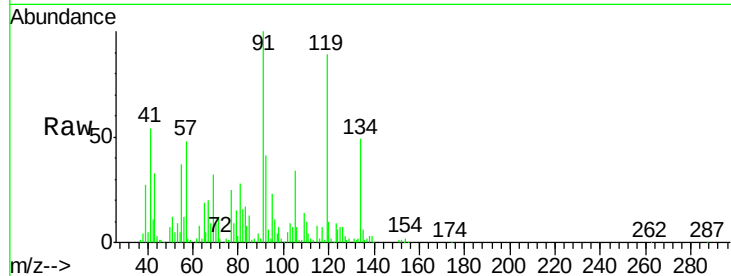
ClientSampleId :

IA-PLAYROOM-2

Tot Ion:	91	Resp:	168380
Ion Ratio	Lower	Upper	
91	100		
92	0.0	44.0	66.0#
134	0.0	20.2	30.4#

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#72

4-Ethyltoluene

Concen: 0.577 ppbv

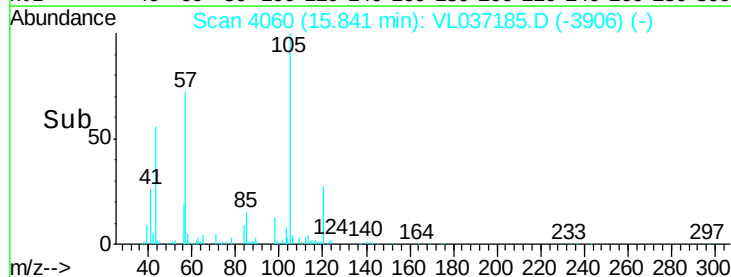
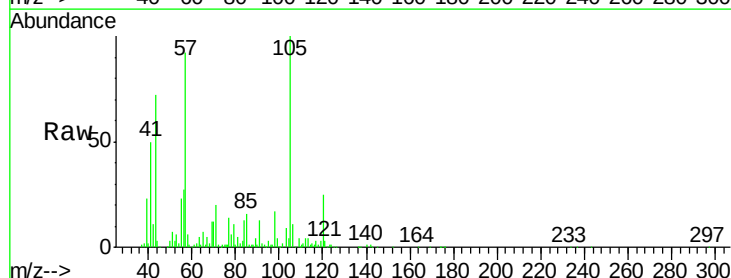
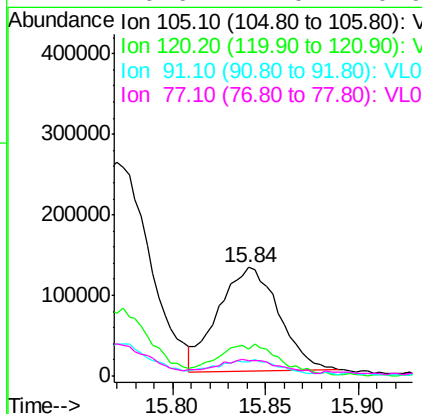
RT: 15.84 min Scan# 4060

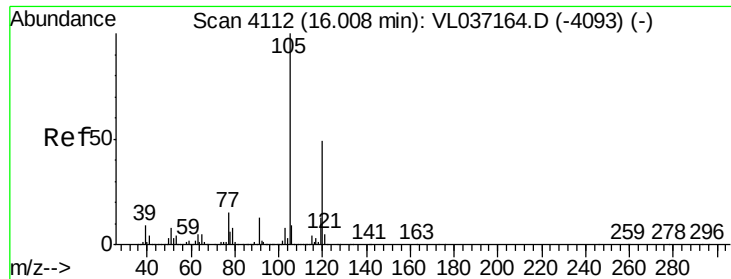
Delta R.T. -0.01 min

Lab File: VL037185.D

Acq: 17 Jun 2021 00:49

Tgt Ion:	105	Resp:	293722
Ion Ratio	Lower	Upper	
105	100		
120	32.2	24.7	37.1
91	15.7	10.2	15.4#
77	16.6	11.0	16.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.716 ppbv

RT: 16.00 min Scan# 4110

Delta R.T. -0.01 min

Lab File: VL037185.D

Acq: 17 Jun 2021 00:49

Instrument :

MSVOA_L

ClientSampleId :

IA-PLAYROOM-2

Tot Ion:105 Resp: 352374

Ion Ratio Lower Upper

105 100

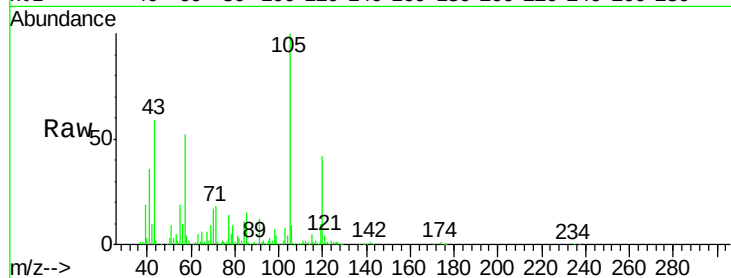
120 42.6 39.4 59.2

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6/17/2021 5:38:27 PM



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.00

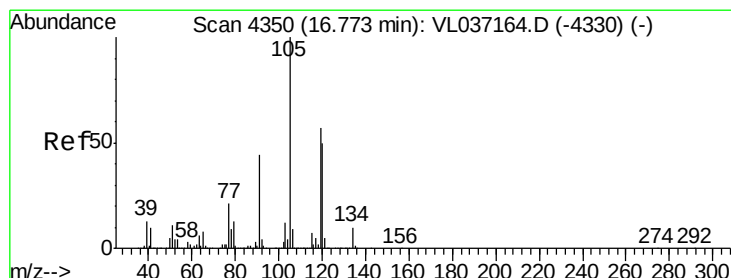
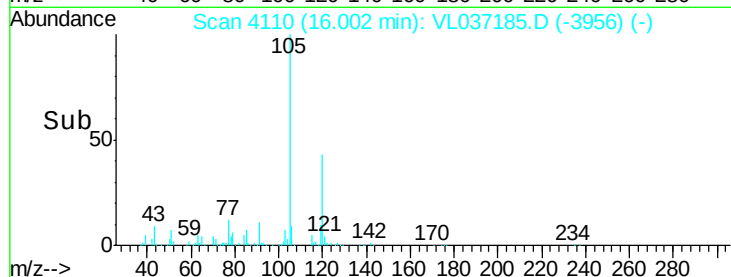
150000

100000

50000

0

Time--> 15.90 15.95 16.00 16.05



#74

1,2,4-Trimethylbenzene

Concen: 2.098 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. -0.01 min

Lab File: VL037185.D

Acq: 17 Jun 2021 00:49

Tgt Ion:105 Resp: 1063022

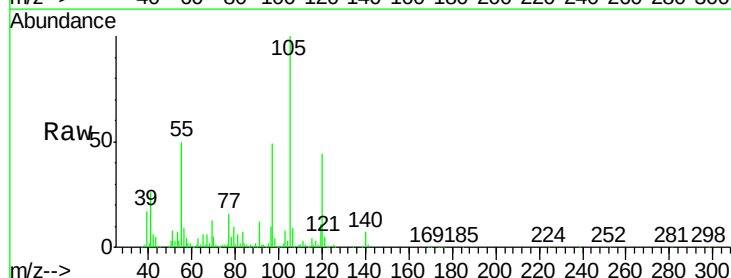
Ion Ratio Lower Upper

105 100

120 44.5 39.8 59.8

91 11.6 37.0 55.4#

77 15.3 17.0 25.4#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

16.76

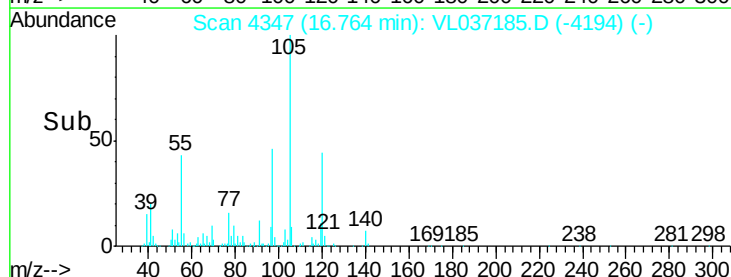
600000

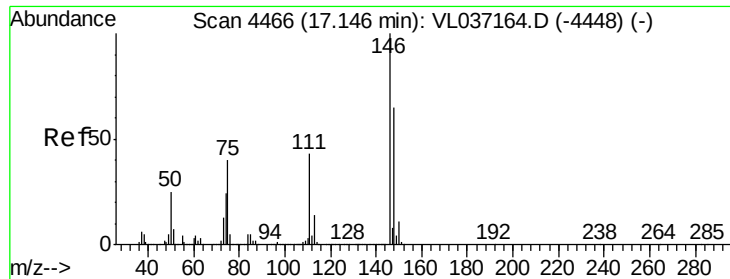
400000

200000

0

Time--> 16.70 16.80





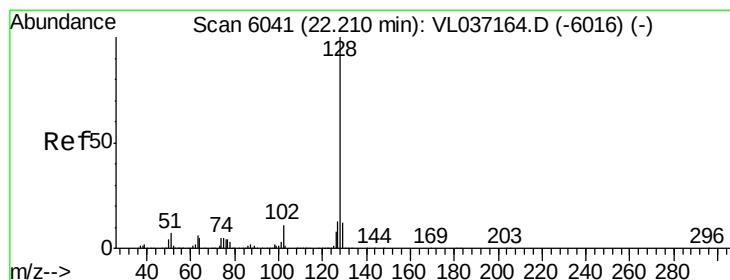
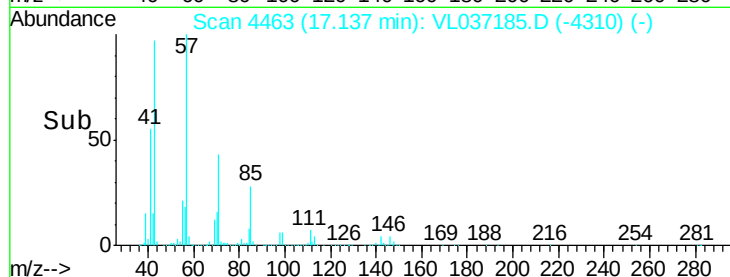
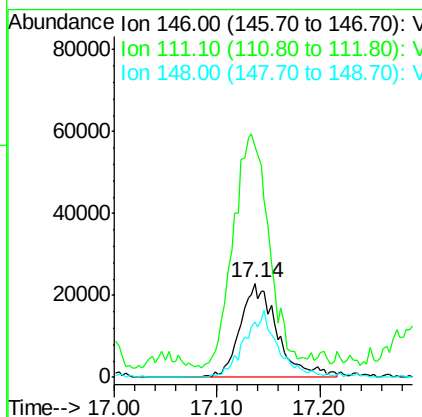
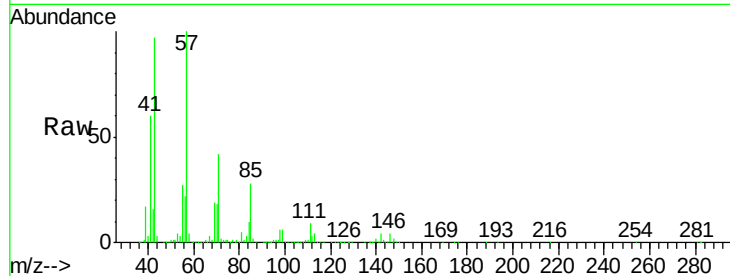
#76
1,4-Dichlorobenzene
Concen: 0.186 ppbv m
RT: 17.14 min Scan# 4463
Delta R.T. -0.01 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Instrument :
MSVOA_L
ClientSampleId :
IA-PLAYROOM-2

Tot Ion	Ratio	Lower	Upper
146	100		
111	237.8	22.7	68.0#
148	0.0	33.7	101.1#

Manual Integrations
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#79
Naphthalene
Concen: 0.101 ppbv m
RT: 22.21 min Scan# 6042
Delta R.T. 0.00 min
Lab File: VL037185.D
Acq: 17 Jun 2021 00:49

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.7	16.1
129	13.7	9.3	13.9

