

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL120720\
 Data File : VL036074.D
 Acq On : 7 Dec 2020 21:07
 Operator : SY/AP
 Sample : L4949-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 05:00:54 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020

QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1064793	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.21	114	2661146	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.12	117	2386430	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2077211	10.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.60%

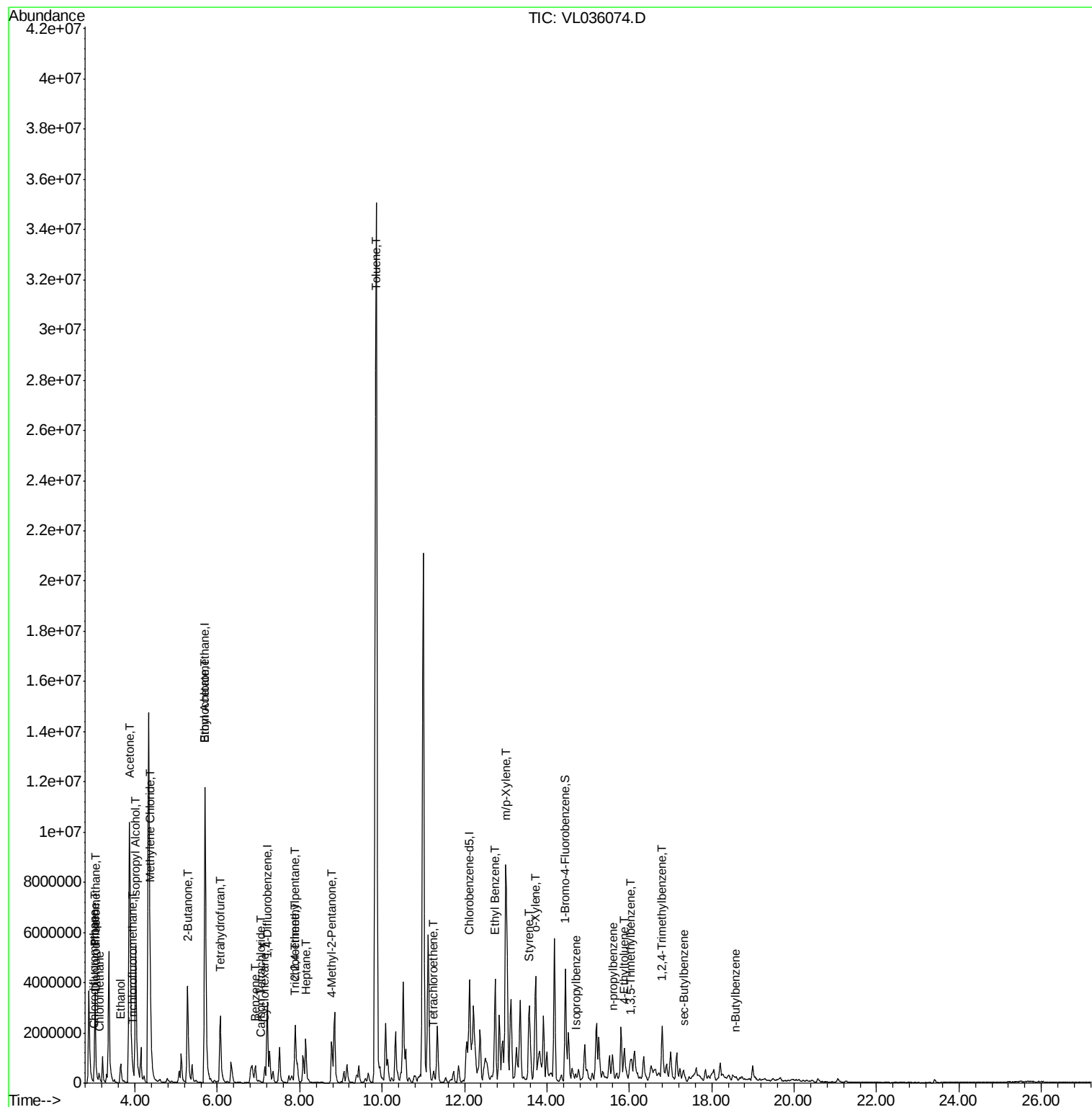
Target Compounds

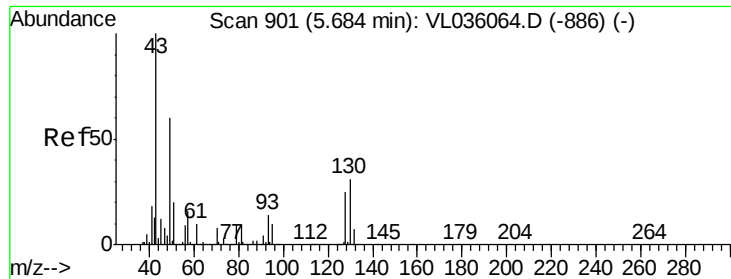
						Ovalue
2) Dichlorodifluoromethane	3.05	85	44267	0.357	ppbv	96
3) Chlorodifluoromethane	3.00	51	60795	0.500	ppbv #	86
4) Chloromethane	3.15	50	30783	0.516	ppbv #	77
9) Propene	3.03	41	1196935m	19.668	ppbv	
10) Heptane	8.15	43	938349	6.037	ppbv	98
11) Trichlorofluoromethane	3.96	101	53309	0.365	ppbv	95
13) Ethanol	3.65	45	1075618	128.208	ppbv	84
15) Acetone	3.86	43	17472833	136.537	ppbv #	86
19) Isopropyl Alcohol	4.01	45	8297832	106.087	ppbv #	100
20) Methylene Chloride	4.37	84	398198	7.593	ppbv	96
25) Ethyl Acetate	5.70	43	14437599	56.472	ppbv #	80
30) Cyclohexane	7.15	84	219301	2.595	ppbv	91
34) 2-Butanone	5.28	43	6528813	36.986	ppbv	98
35) Carbon Tetrachloride	7.05	117	11837m	0.076	ppbv	
36) Benzene	6.92	78	570783	2.531	ppbv	99
38) Trichloroethene	7.87	130	12081m	0.143	ppbv	
41) Tetrahydrofuran	6.07	42	2080720	19.841	ppbv	100
44) 2,2,4-Trimethylpentane	7.89	57	2351539	5.757	ppbv #	88
50) 4-Methyl-2-Pentanone	8.77	43	1440186	5.471	ppbv	100
52) Tetrachloroethene	11.25	164	51222m	0.627	ppbv	
53) Toluene	9.86	91	27121670	107.097	ppbv #	70
58) Ethyl Benzene	12.74	91	3729048	11.402	ppbv	97
59) m/p-Xylene	13.00	91	9135032	33.163	ppbv	92
60) o-Xylene	13.73	91	3198898	12.326	ppbv	99
61) Styrene	13.56	104	1235078	7.412	ppbv	99
62) Isopropylbenzene	14.70	105	228174	0.593	ppbv	97
64) n-propylbenzene	15.59	120	165003	1.783	ppbv	87
67) sec-Butylbenzene	17.32	105	71818	0.163	ppbv	94
70) n-Butylbenzene	18.58	91	79576m	0.230	ppbv	
72) 4-Ethyltoluene	15.87	105	791845	2.817	ppbv	99
73) 1,3,5-Trimethylbenzene	16.03	105	493095	1.836	ppbv	94
74) 1,2,4-Trimethylbenzene	16.79	105	1168248	4.335	ppbv #	65

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

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QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 906

Delta R.T. 0.02 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

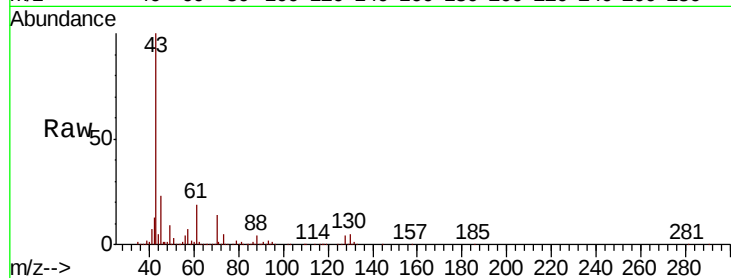
Tot Ion: 49 Resp: 1064793

Ion	Ratio	Lower	Upper
49	100		
128	40.1	21.1	63.1
130	51.6	27.1	81.3

49 100

128 40.1 21.1 63.1

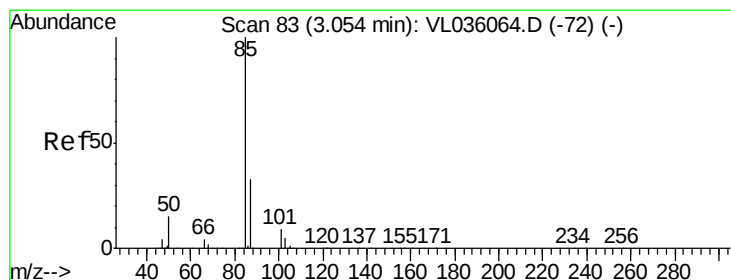
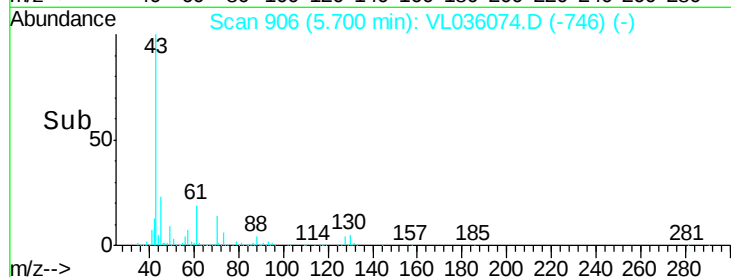
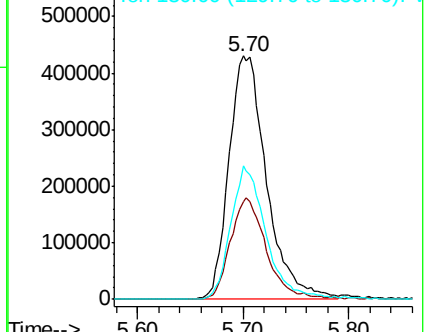
130 51.6 27.1 81.3



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: 0.357 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.00 min

Lab File: VL036074.D

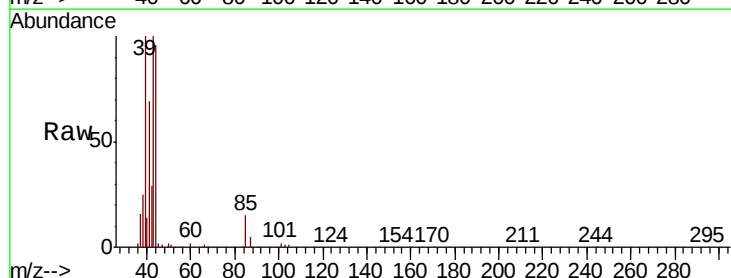
Acq: 7 Dec 2020 21:07

Tgt Ion: 85 Resp: 44267

Ion	Ratio	Lower	Upper
85	100		
87	30.9	26.5	39.7

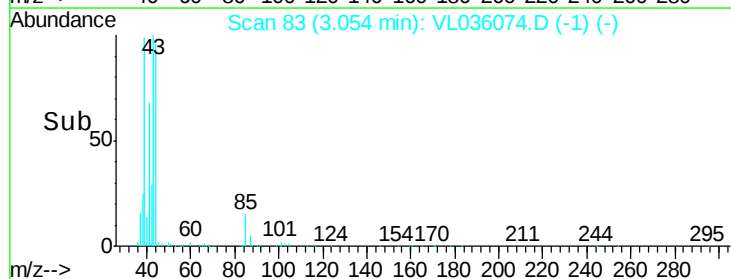
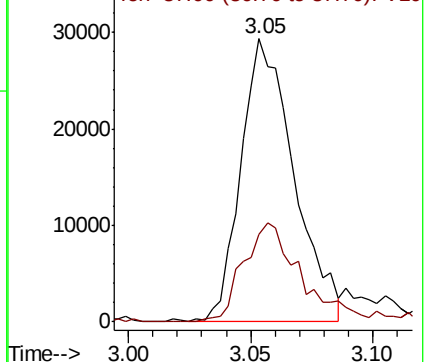
85 100

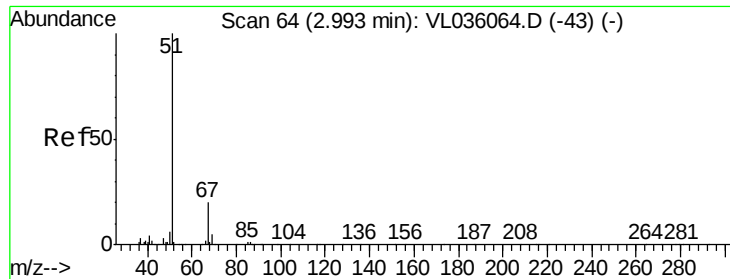
87 30.9 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.500 ppbv

RT: 3.00 min Scan# 65

Delta R.T. 0.00 min

Lab File: VL036074.D

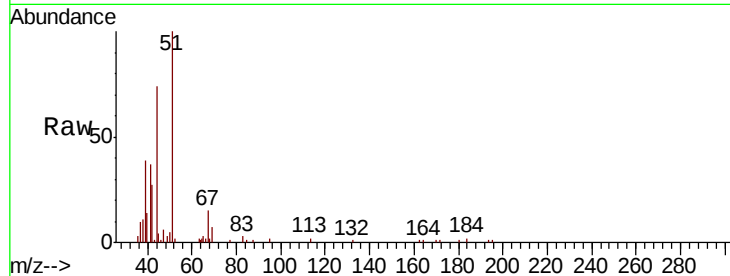
Acq: 7 Dec 2020 21:07

Tot Ion: 51 Resp: 60795

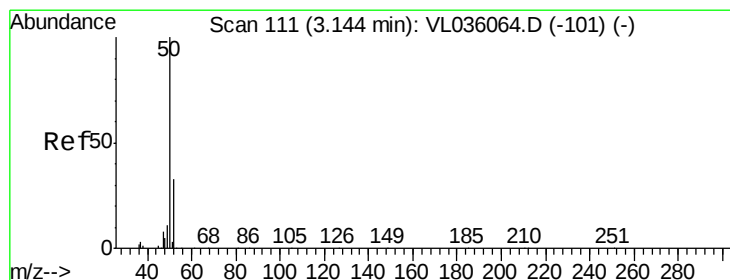
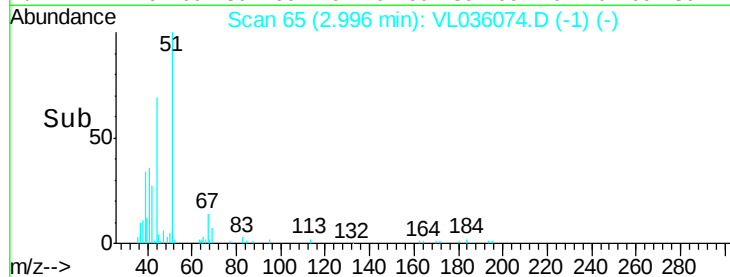
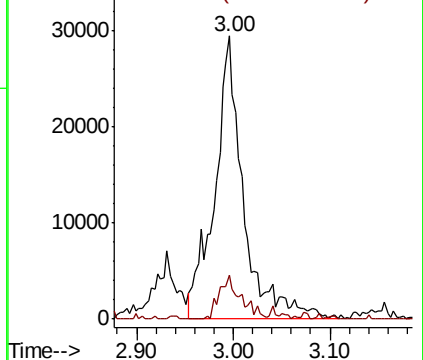
Ion Ratio Lower Upper

51 100

67 11.5 14.3 21.5#



Abundance Ion 51.00 (50.70 to 51.70): VL0
Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.516 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL036074.D

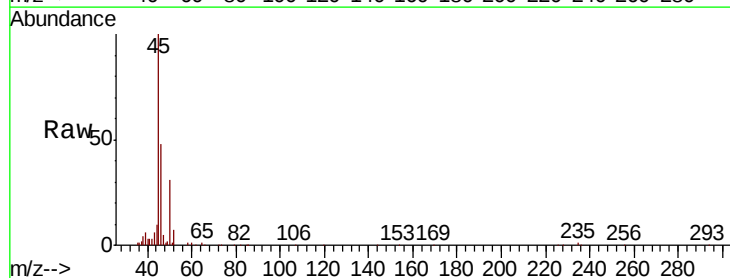
Acq: 7 Dec 2020 21:07

Tgt Ion: 50 Resp: 30783

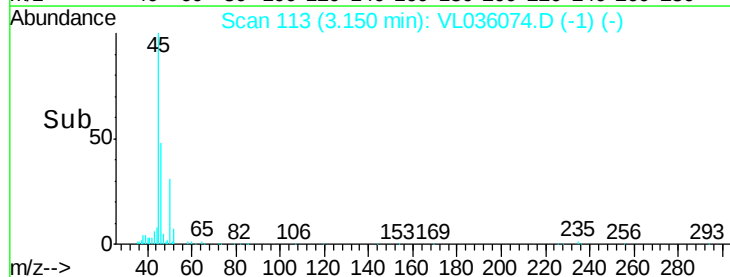
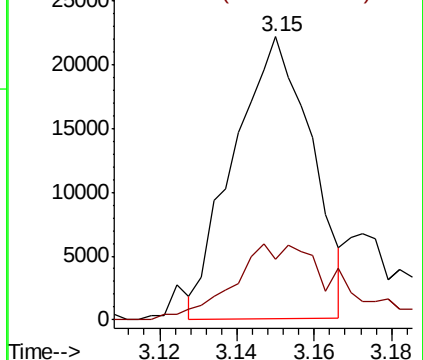
Ion Ratio Lower Upper

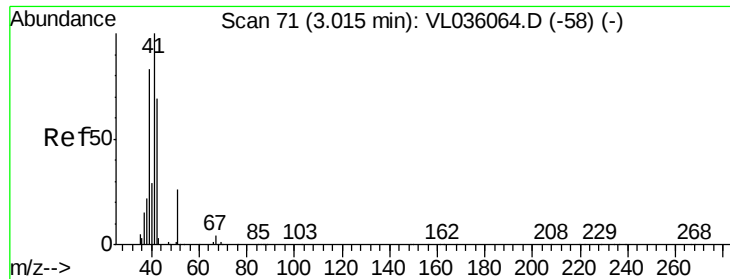
50 100

52 19.4 26.1 39.1#



Abundance Ion 50.10 (49.80 to 50.80): VL0
Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 19.668 ppbv m

RT: 3.03 min Scan# 76

Delta R.T. 0.02 min

Lab File: VL036074.D

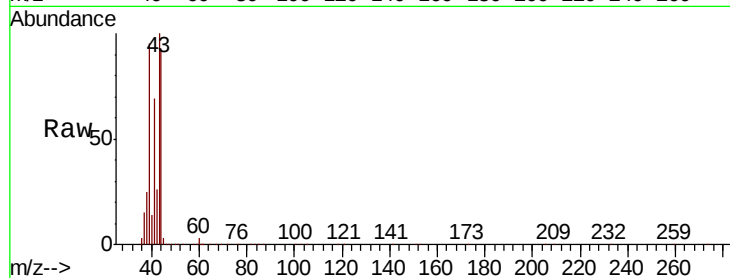
Acq: 7 Dec 2020 21:07

Tot Ion: 41 Resp: 1196935

Ion Ratio Lower Upper

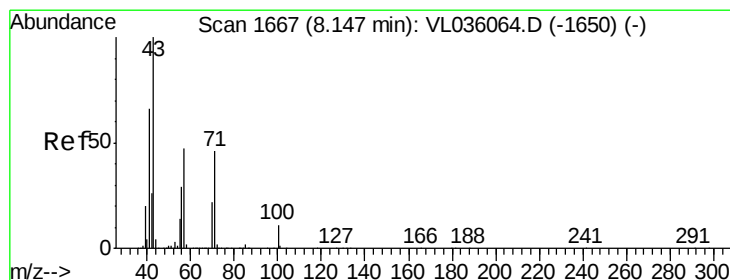
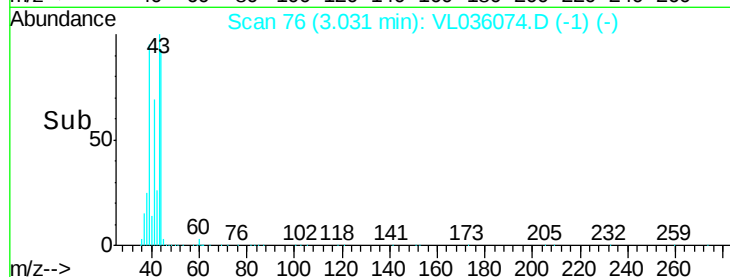
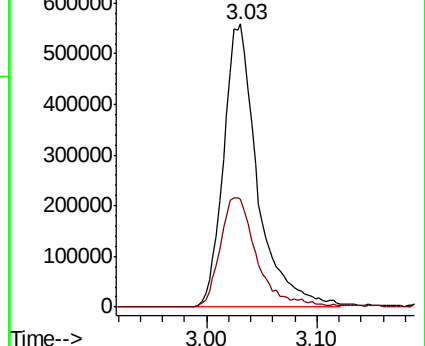
41 100

42 19.8 57.0 85.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 6.037 ppbv

RT: 8.15 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VL036074.D

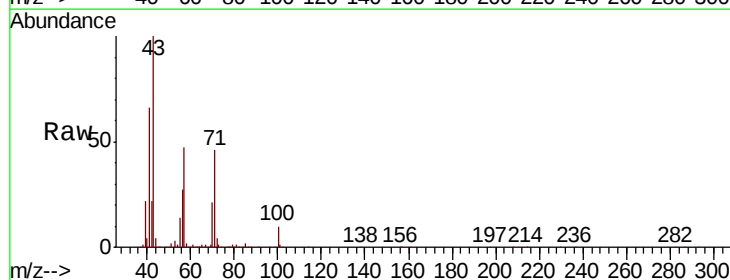
Acq: 7 Dec 2020 21:07

Tgt Ion: 43 Resp: 938349

Ion Ratio Lower Upper

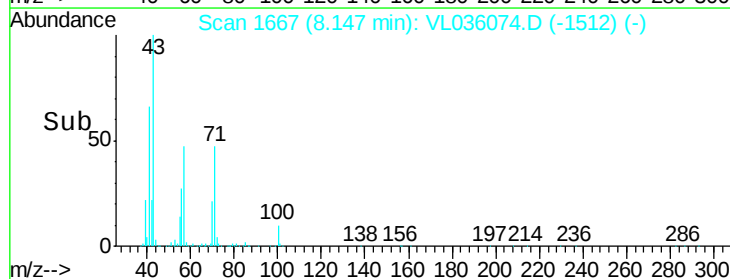
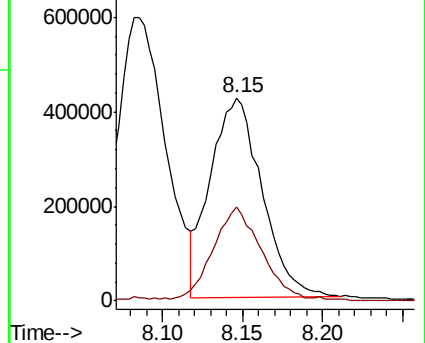
43 100

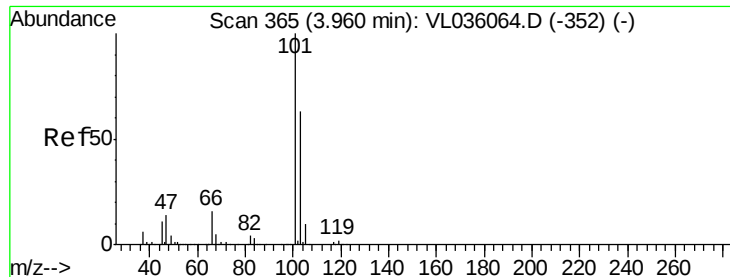
57 45.9 37.9 56.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#11

Trichlorofluoromethane

Concen: 0.365 ppbv

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VL036074.D

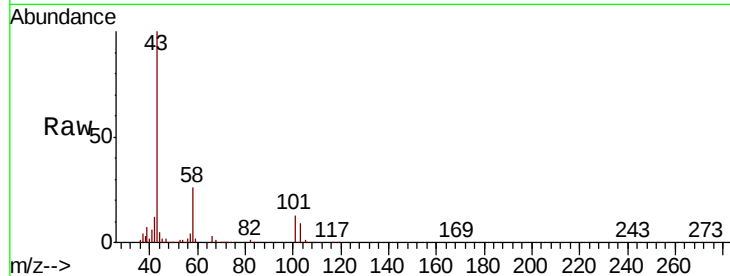
Acq: 7 Dec 2020 21:07

Tot Ion:101 Resp: 53309

Ion Ratio Lower Upper

101 100

103 66.5 50.3 75.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.96

30000

25000

20000

15000

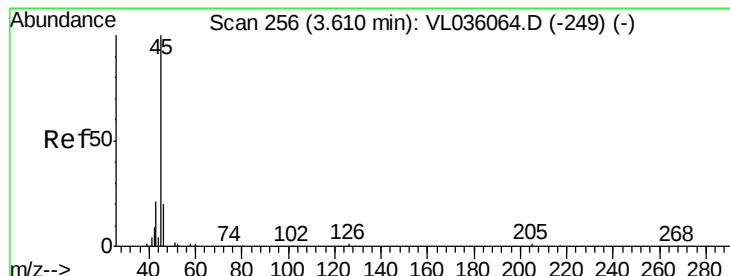
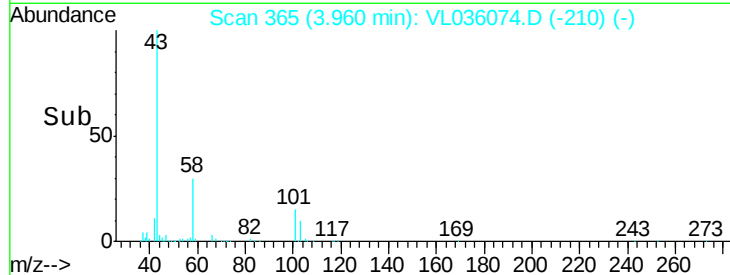
10000

5000

0

Time-->

3.90 3.95 4.00



#13

Ethanol

Concen: 128.208 ppbv

RT: 3.65 min Scan# 270

Delta R.T. 0.04 min

Lab File: VL036074.D

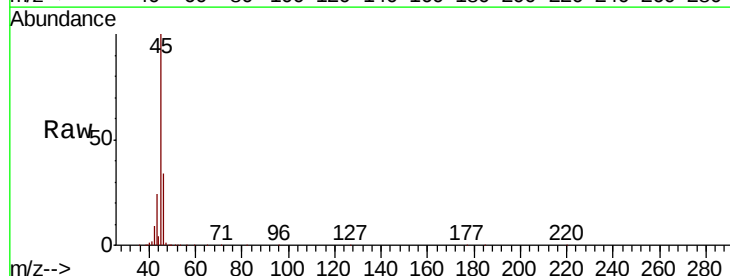
Acq: 7 Dec 2020 21:07

Tgt Ion: 45 Resp: 1075618

Ion Ratio Lower Upper

45 100

46 36.4 19.0 75.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

500000

400000

300000

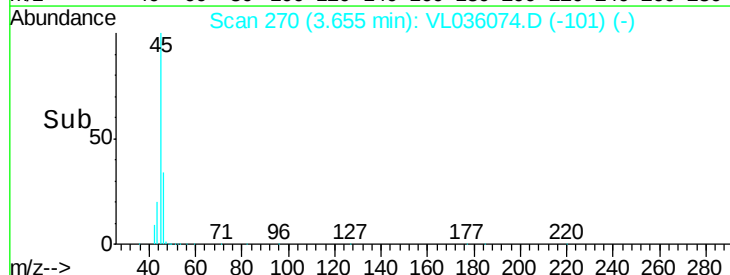
200000

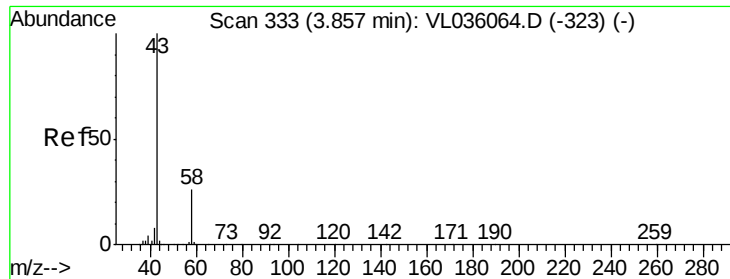
100000

0

Time-->

3.55 3.60 3.65 3.70 3.75





#15

Acetone

Concen: 136.537 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL036074.D

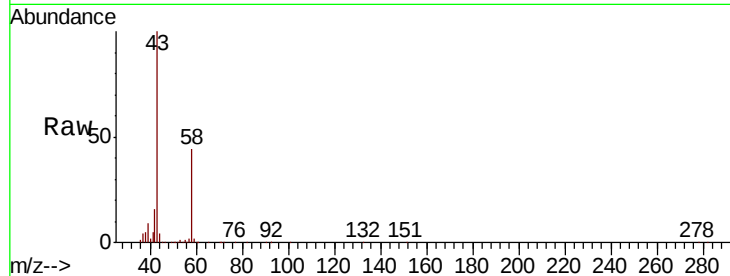
Acq: 7 Dec 2020 21:07

Tot Ion: 43 Resp: 17472833

Ion Ratio Lower Upper

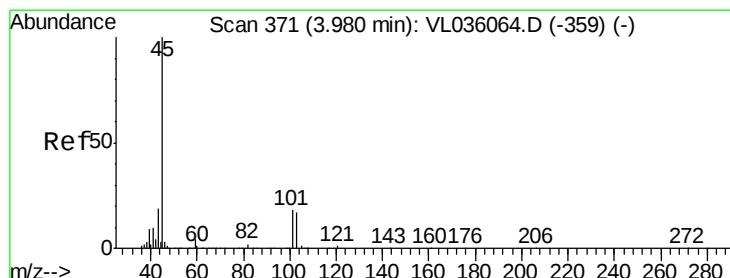
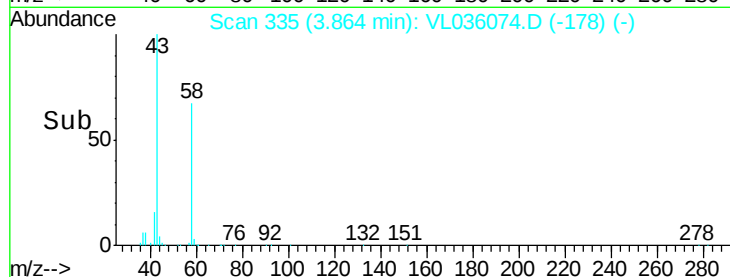
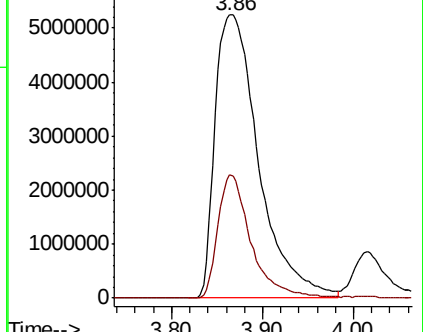
43 100

58 33.2 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#19

Isopropyl Alcohol

Concen: 106.087 ppbv

RT: 4.01 min Scan# 382

Delta R.T. 0.04 min

Lab File: VL036074.D

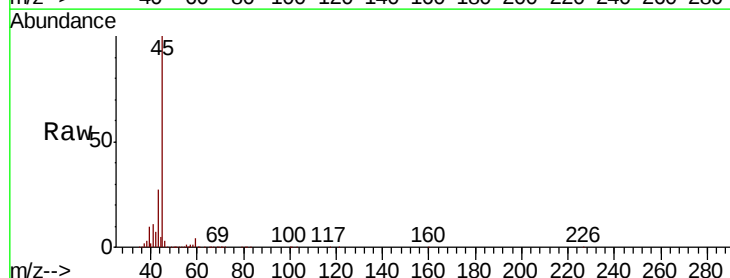
Acq: 7 Dec 2020 21:07

Tgt Ion: 45 Resp: 8297832

Ion Ratio Lower Upper

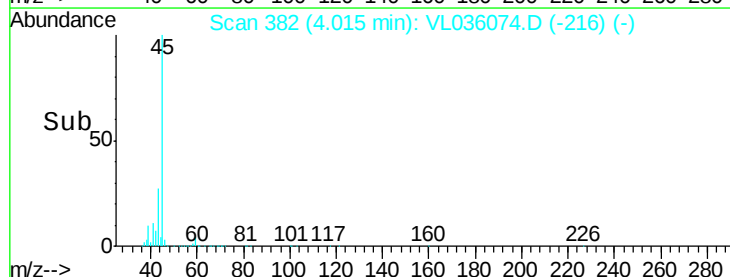
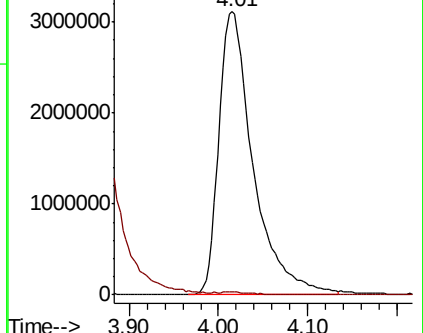
45 100

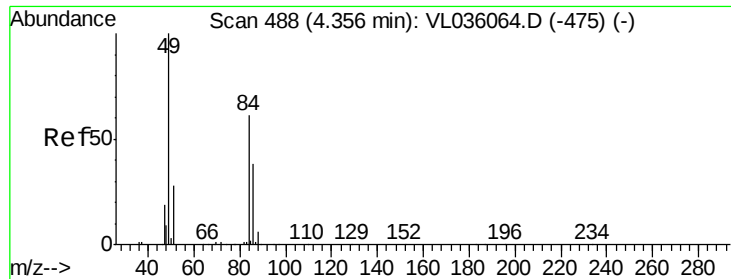
58 70.0 0.0 0.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

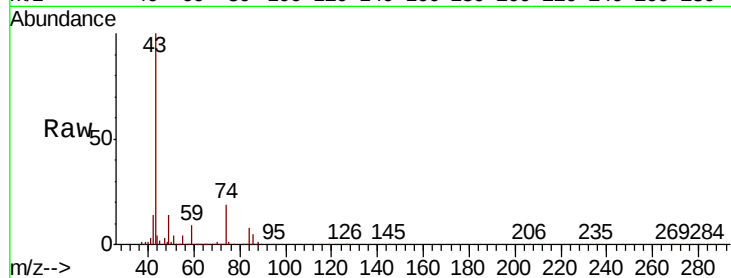
Ion 58.10 (57.80 to 58.80): VL0





#20
Methylene Chloride
Concen: 7.593 ppbv
RT: 4.37 min Scan# 493
Delta R.T. 0.02 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tot Ion:	84	Resp:	398198
Ion	Ratio	Lower	Upper
84	100		
49	173.5	133.0	199.4
51	52.4	38.9	58.3
86	61.2	48.8	73.2



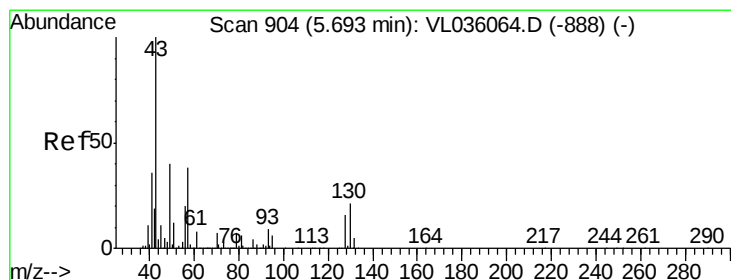
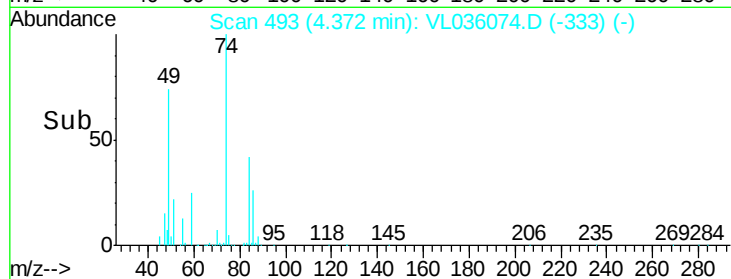
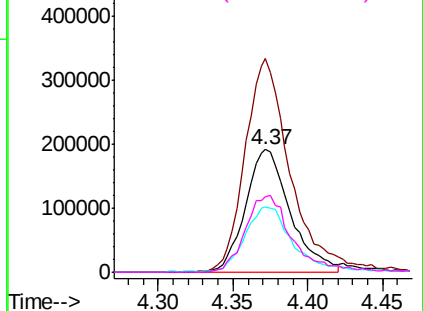
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

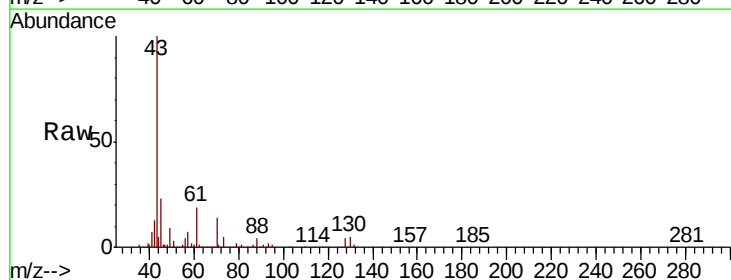
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#25
Ethyl Acetate
Concen: 56.472 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion:	43	Resp:	14437599
Ion	Ratio	Lower	Upper
43	100		
45	19.9	8.2	12.4#
61	15.3	7.4	11.2#
70	11.7	5.4	8.0#



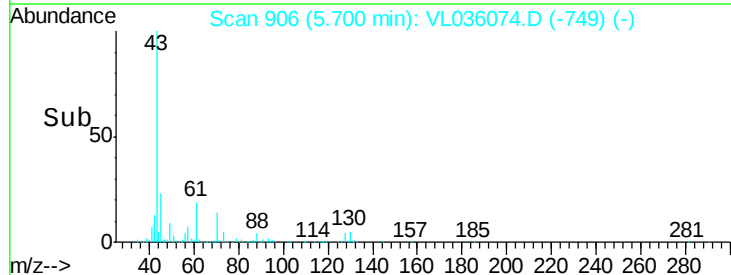
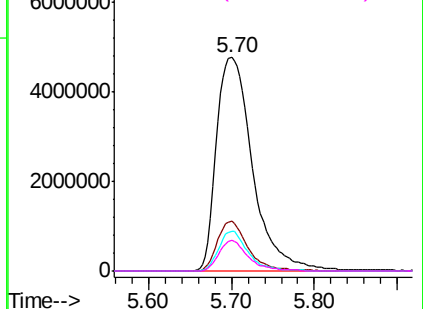
Abundance

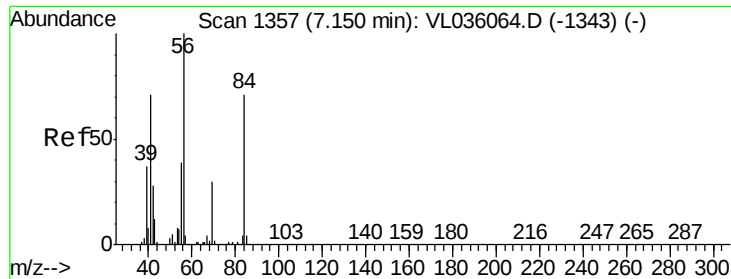
Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

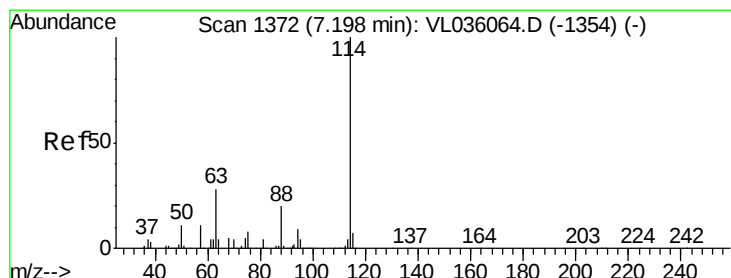
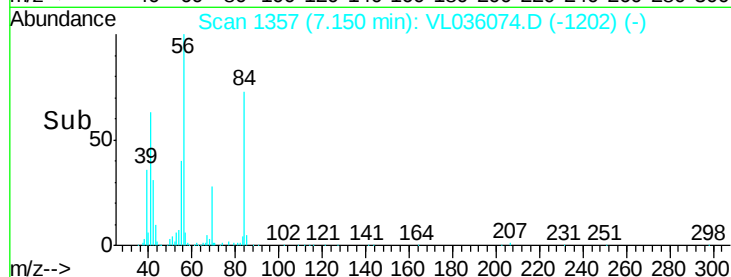
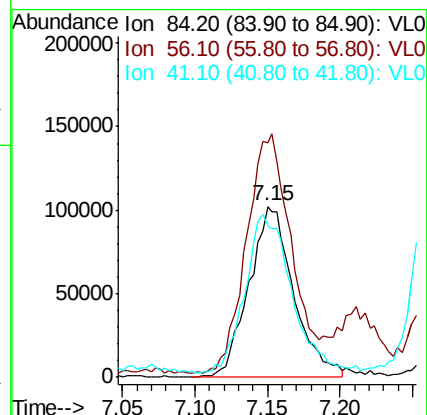
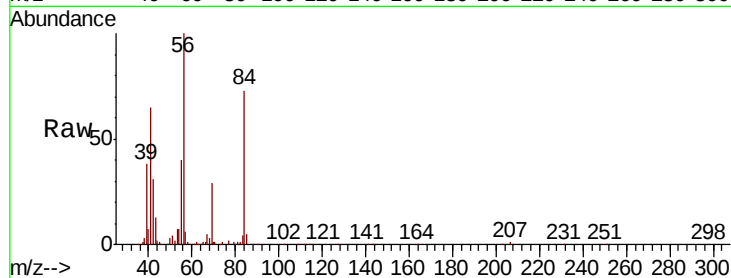
Ion 70.10 (69.80 to 70.80): VL0





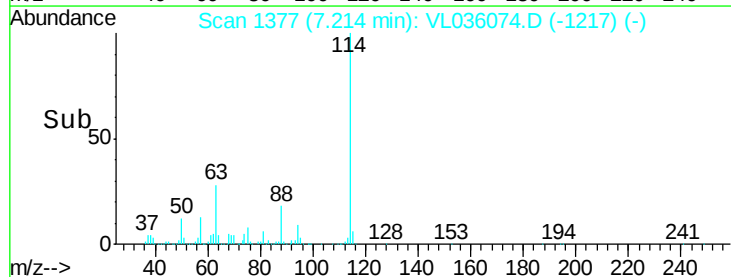
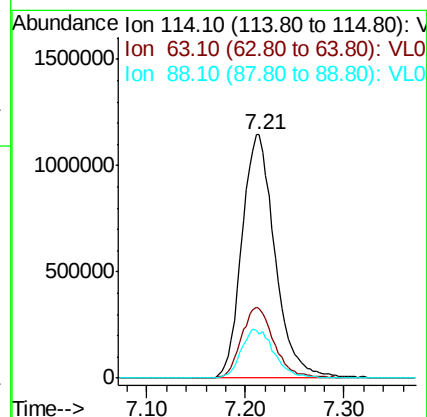
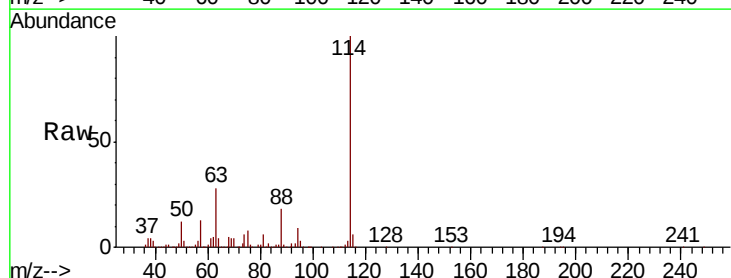
#30
Cyclohexane
Concen: 2.595 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

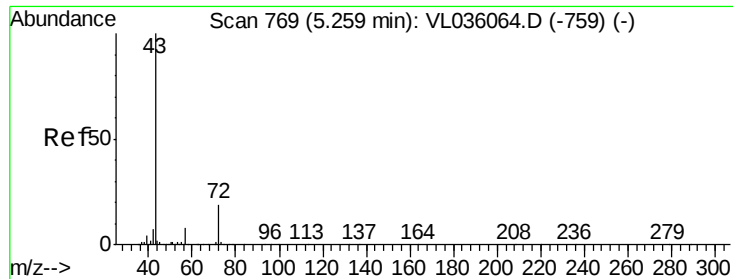
Tot Ion	Ratio	Lower	Upper
84	100		
56	140.0	128.0	192.0
41	101.6	81.3	121.9



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1377
Delta R.T. 0.02 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

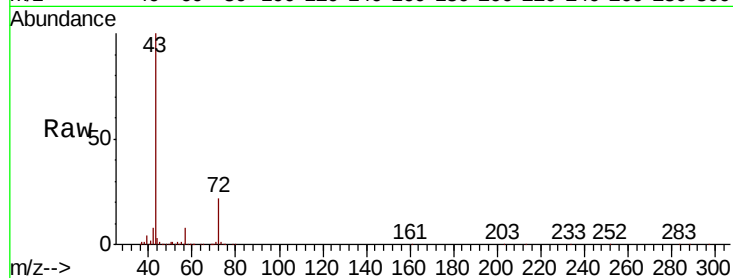
Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.2	23.6	35.4
88	20.1	15.8	23.6



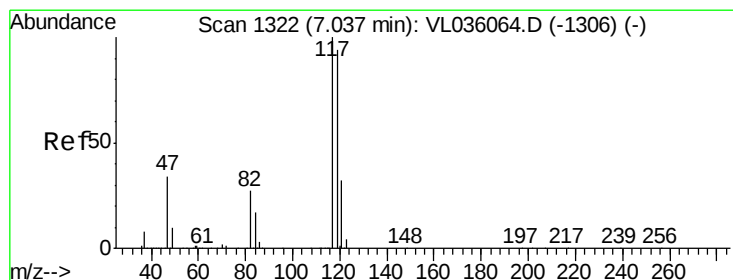
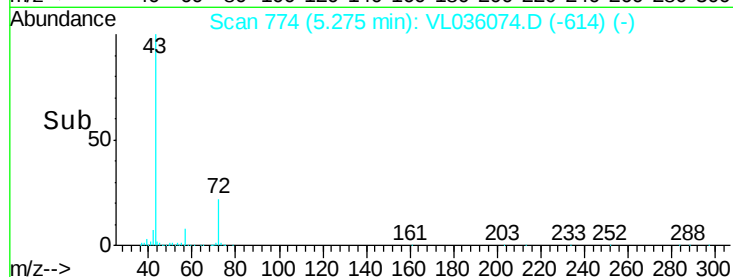
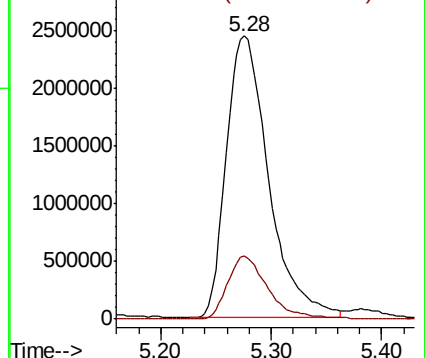


#34
2-Butanone
Concen: 36.986 ppbv
RT: 5.28 min Scan# 774
Delta R.T. 0.02 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tot Ion: 43 Resp: 6528813
Ion Ratio Lower Upper
43 100
72 21.5 16.5 24.7

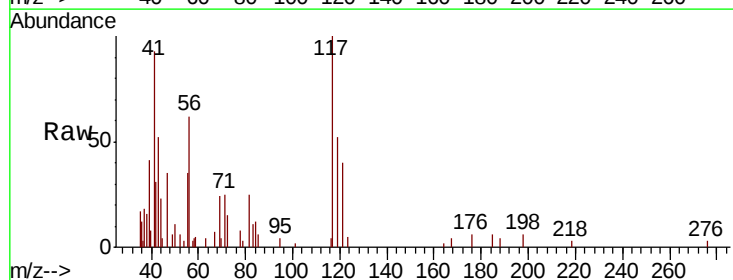


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 72.10 (71.80 to 72.80): VL0

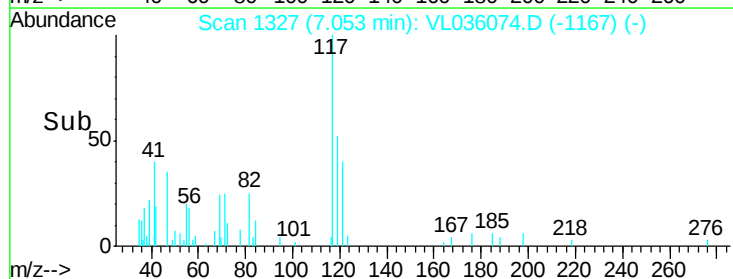
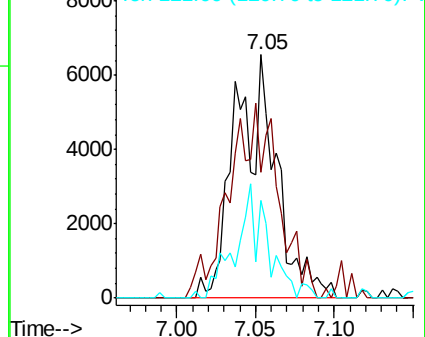


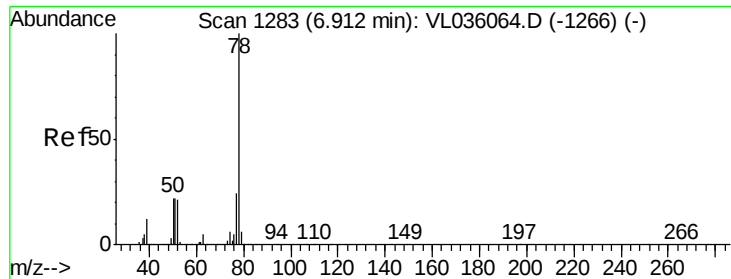
#35
Carbon Tetrachloride
Concen: 0.076 ppbv m
RT: 7.05 min Scan# 1327
Delta R.T. 0.02 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion: 117 Resp: 11837
Ion Ratio Lower Upper
117 100
119 51.9 75.1 112.7#
121 39.9 25.6 38.4#



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V





#36

Benzene

Concen: 2.531 ppbv

RT: 6.92 min Scan# 1285

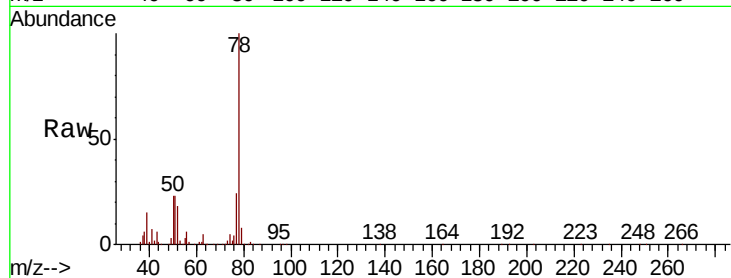
Delta R.T. 0.01 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

Tot Ion: 78 Resp: 570783

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.2
50	22.5	17.8	26.8

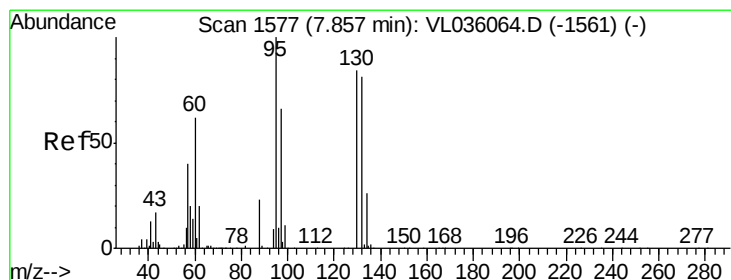
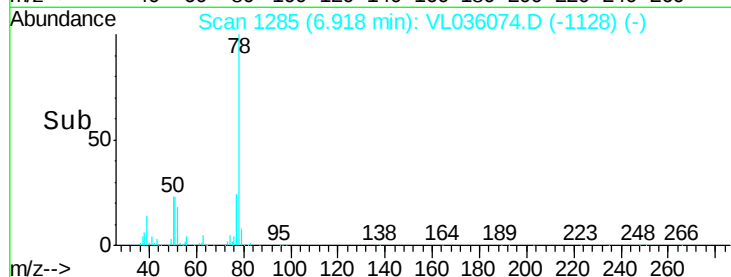
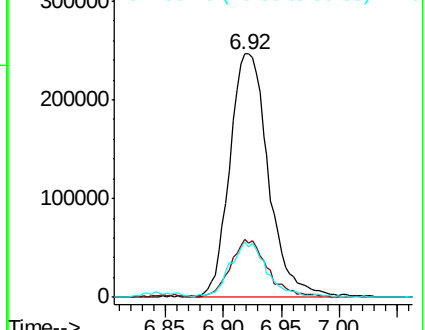


Abundance

Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#38

Trichloroethene

Concen: 0.143 ppbv m

RT: 7.87 min Scan# 1581

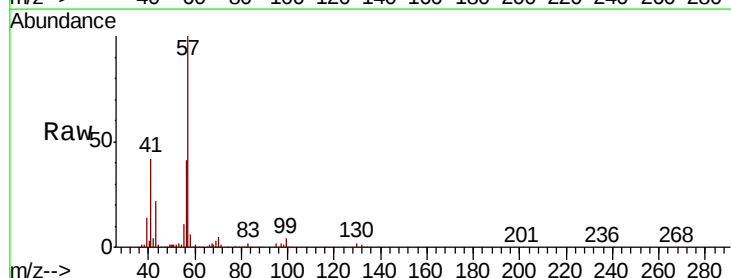
Delta R.T. 0.01 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

Tgt Ion: 130 Resp: 12081

Ion	Ratio	Lower	Upper
130	100		
95	133.2	95.2	142.8
132	77.6	76.9	115.3
97	117.4	62.3	93.5



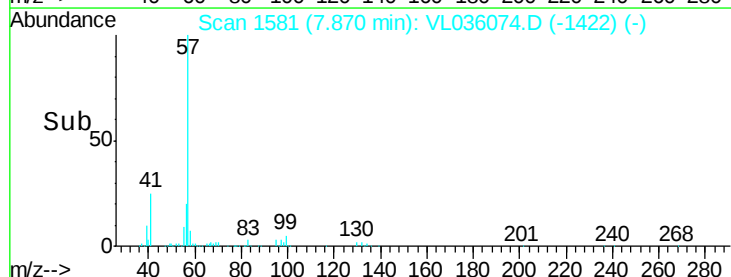
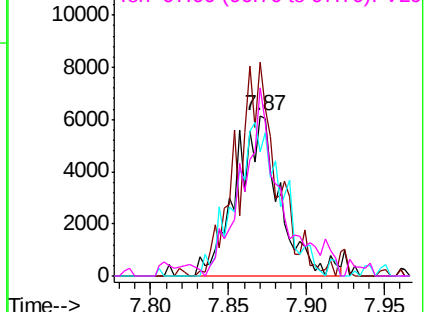
Abundance

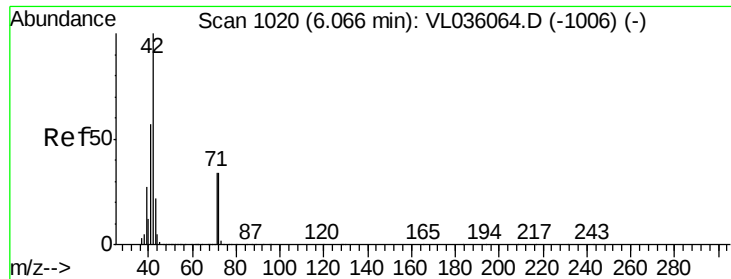
Ion 130.00 (129.70 to 130.70): VL0

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): VL0

Ion 97.00 (96.70 to 97.70): VL0





#41

Tetrahydrofuran

Concen: 19.841 ppbv

RT: 6.07 min Scan# 1021

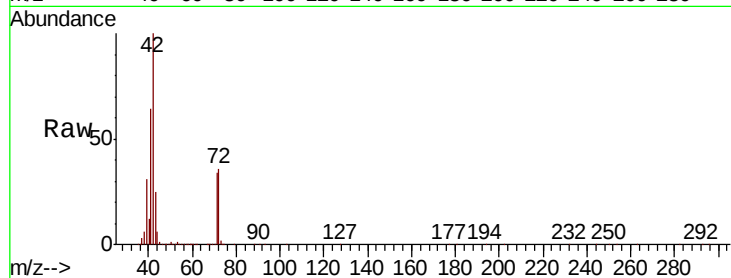
Delta R.T. 0.00 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

Tot Ion: 42 Resp: 2080720

Ion	Ratio	Lower	Upper
42	100		
72	34.9	28.3	42.5
71	34.0	27.3	40.9

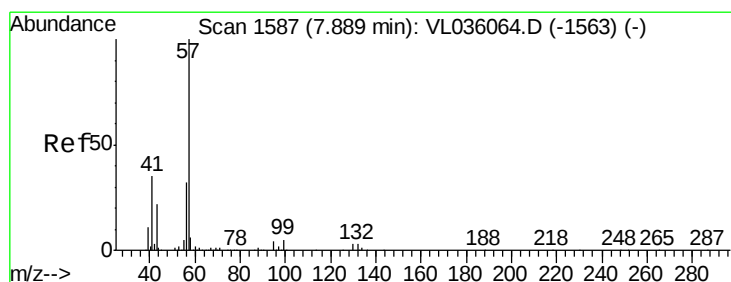
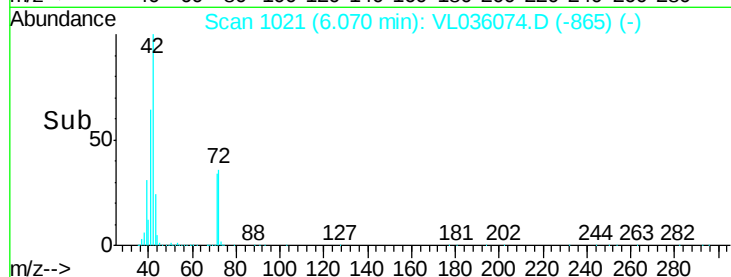
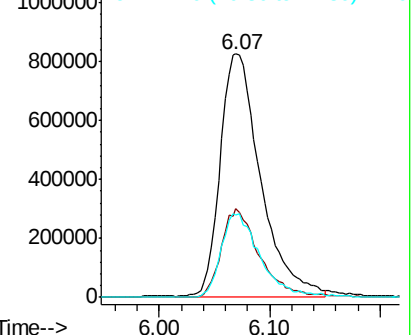


Abundance

Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 5.757 ppbv

RT: 7.89 min Scan# 1588

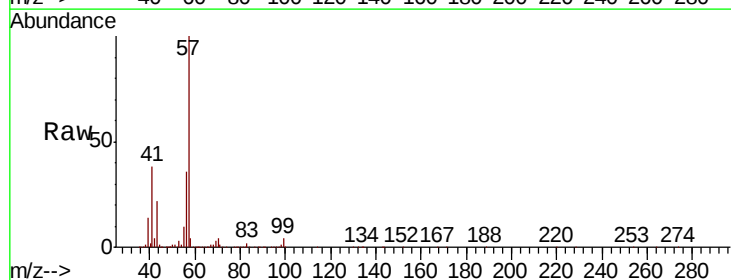
Delta R.T. 0.00 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

Tgt Ion: 57 Resp: 2351539

Ion	Ratio	Lower	Upper
57	100		
41	38.9	28.9	43.3
56	43.4	25.3	37.9

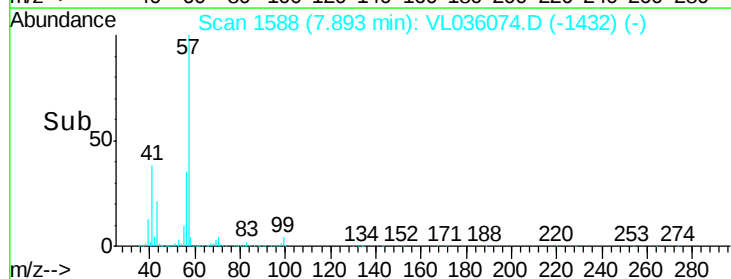
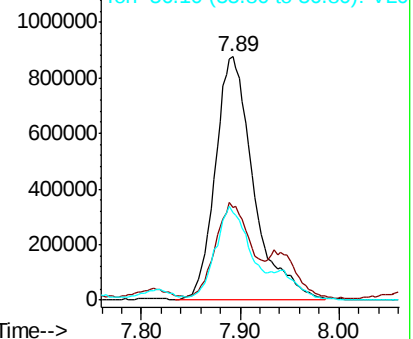


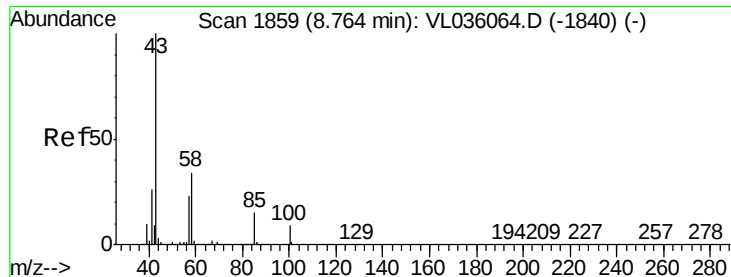
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#50

4-Methyl-2-Pentanone

Concen: 5.471 ppbv

RT: 8.77 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VL036074.D

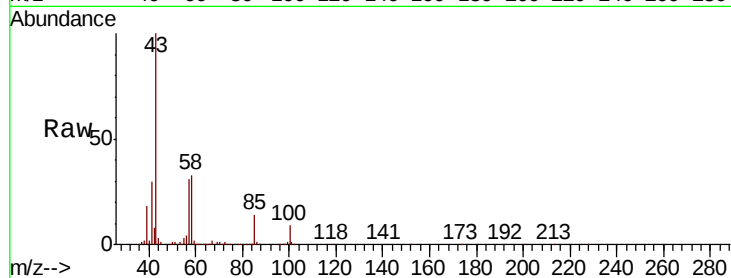
Acq: 7 Dec 2020 21:07

Tot Ion: 43 Resp: 1440186

Ion Ratio Lower Upper

43 100

58 34.2 27.4 41.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

8.77

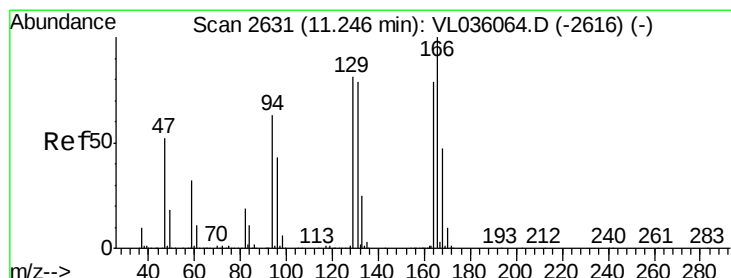
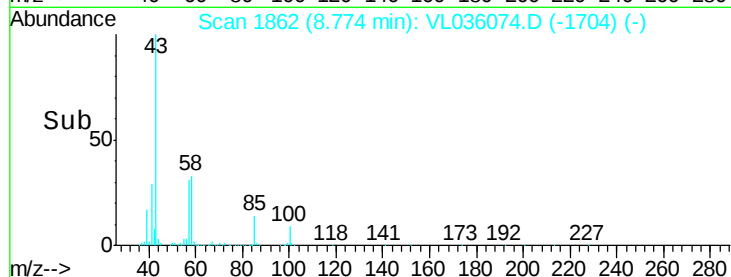
600000

400000

200000

0

Time-->



#52

Tetrachloroethene

Concen: 0.627 ppbv m

RT: 11.25 min Scan# 2632

Delta R.T. 0.00 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

Tgt Ion: 164 Resp: 51222

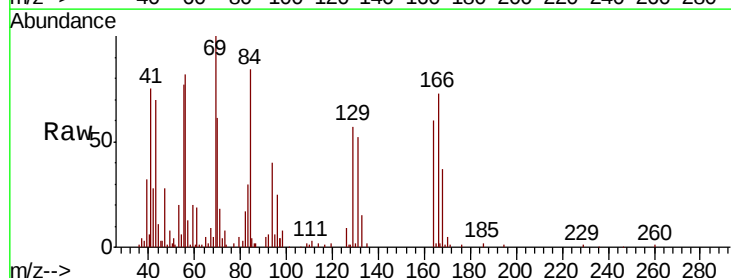
Ion Ratio Lower Upper

164 100

166 122.4 101.9 152.9

129 95.7 82.1 123.1

131 86.5 80.8 121.2



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

40000

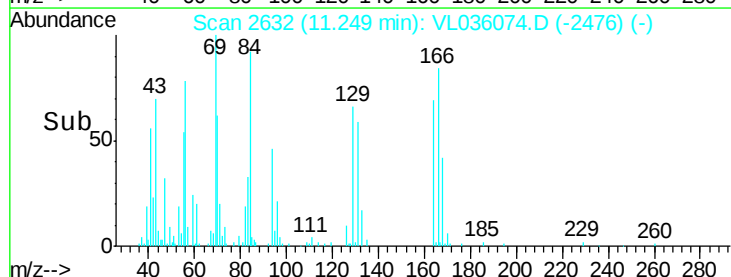
30000

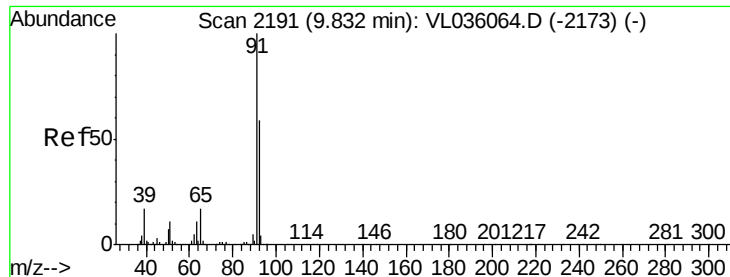
20000

10000

0

Time-->





#53

Toluene

Concen: 107.097 ppbv

RT: 9.86 min Scan# 2200

Delta R.T. 0.03 min

Lab File: VL036074.D

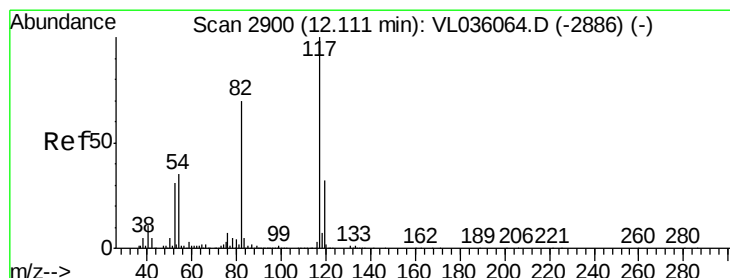
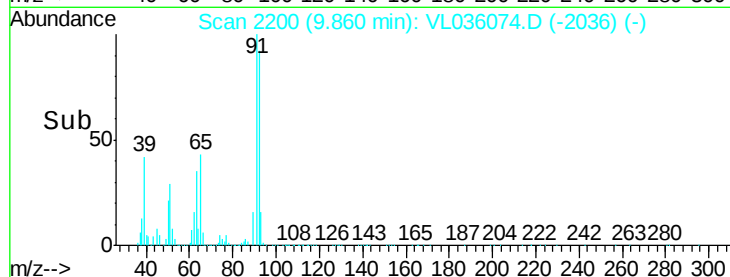
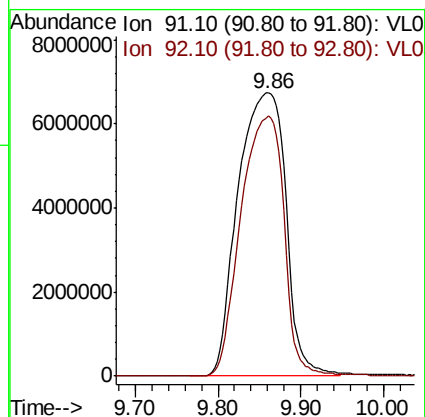
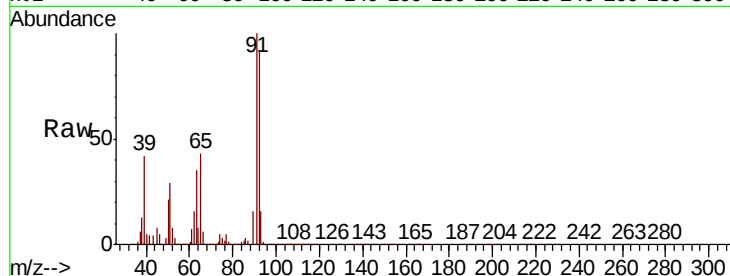
Acq: 7 Dec 2020 21:07

Tot Ion: 91 Resp: 27121670

Ion Ratio Lower Upper

91 100

92 83.1 48.2 72.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2902

Delta R.T. 0.01 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

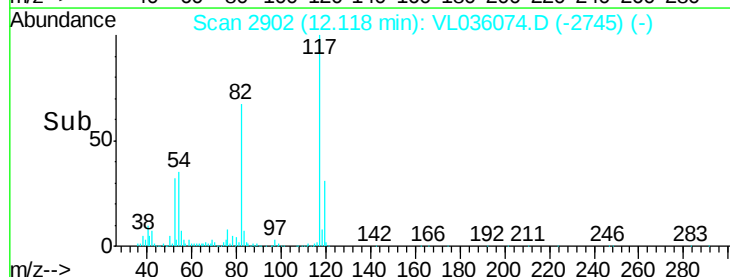
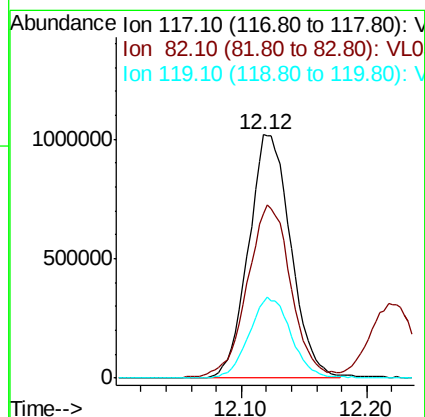
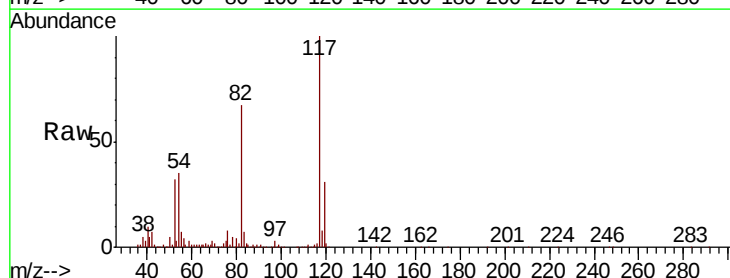
Tgt Ion: 117 Resp: 2386430

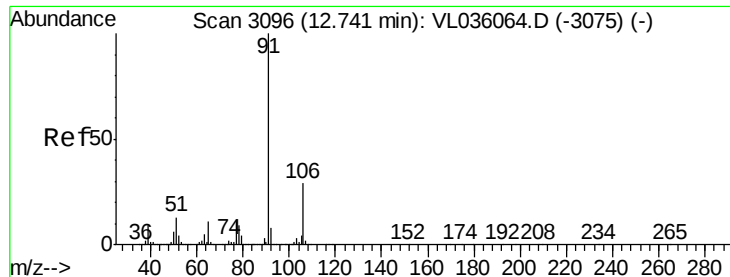
Ion Ratio Lower Upper

117 100

82 73.8 0.0 0.0#

119 33.1 0.0 0.0#





#58

Ethyl Benzene

Concen: 11.402 ppbv

RT: 12.74 min Scan# 3097

Delta R.T. 0.00 min

Lab File: VL036074.D

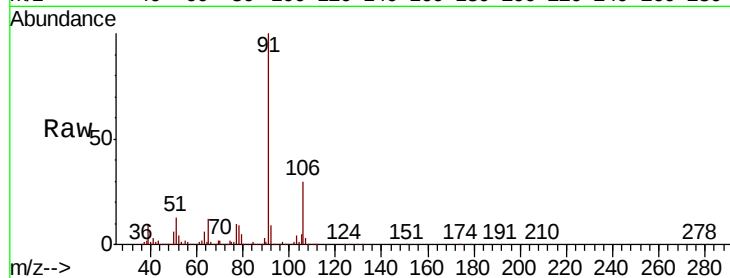
Acq: 7 Dec 2020 21:07

Tot Ion: 91 Resp: 3729048

Ion Ratio Lower Upper

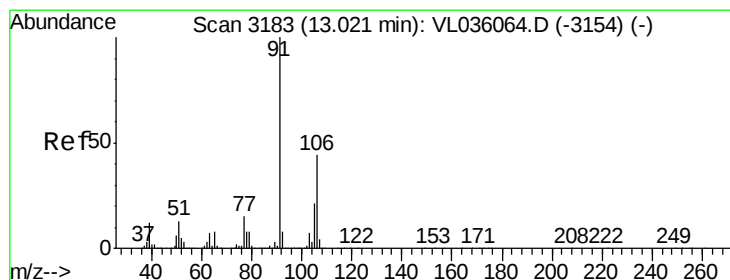
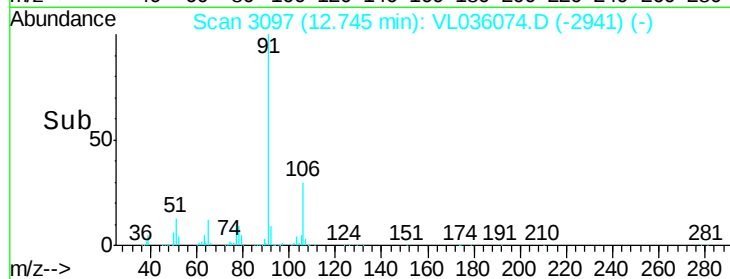
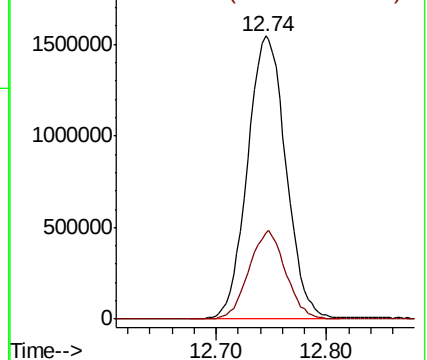
91 100

106 30.4 23.0 34.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 33.163 ppbv

RT: 13.00 min Scan# 3178

Delta R.T. -0.02 min

Lab File: VL036074.D

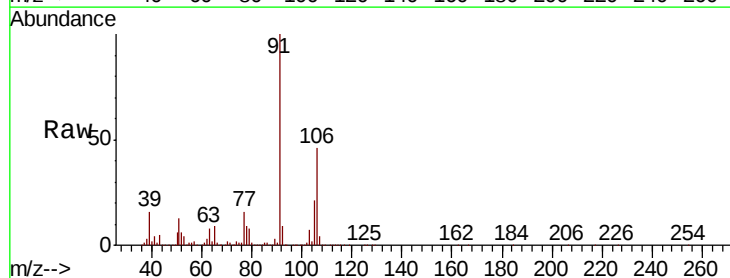
Acq: 7 Dec 2020 21:07

Tgt Ion: 91 Resp: 9135032

Ion Ratio Lower Upper

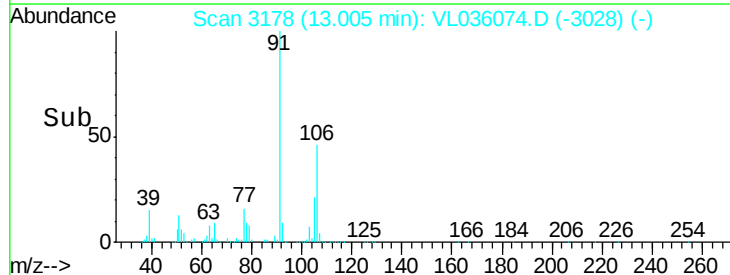
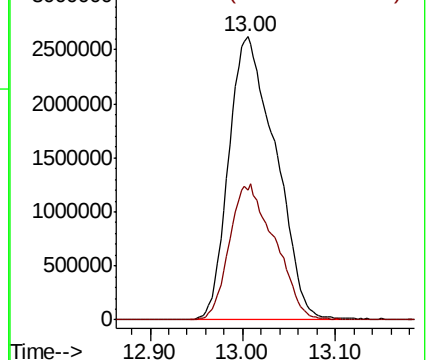
91 100

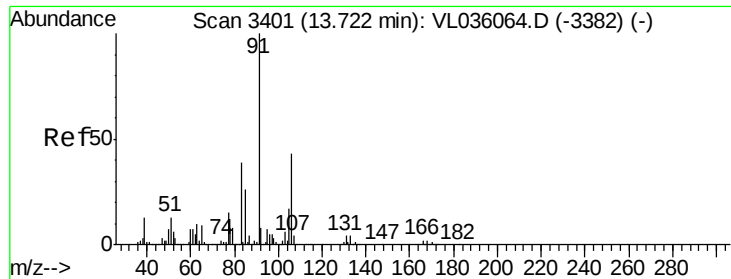
106 46.8 33.6 50.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

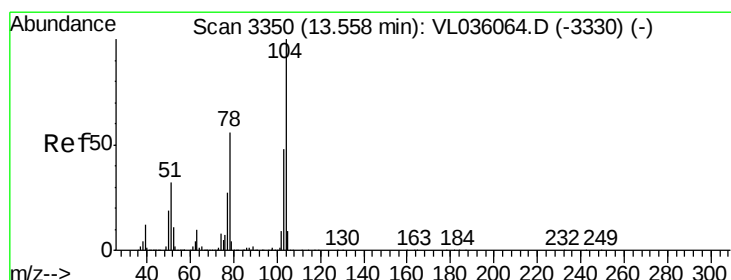
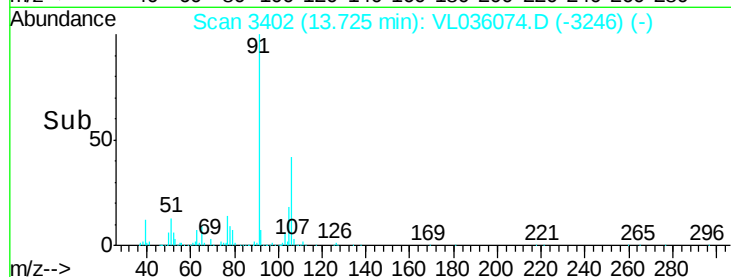
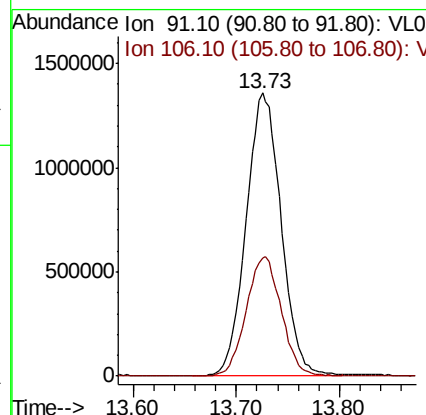
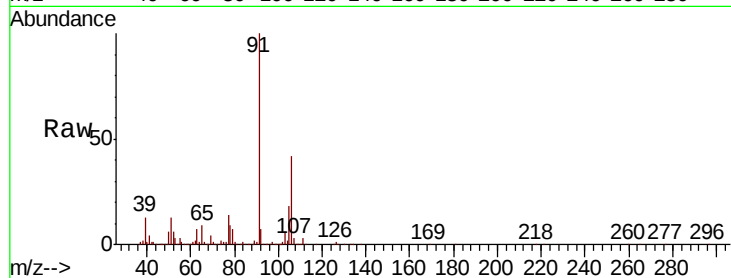
Ion 106.10 (105.80 to 106.80): V





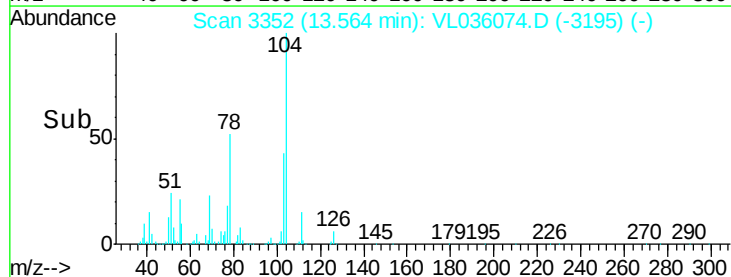
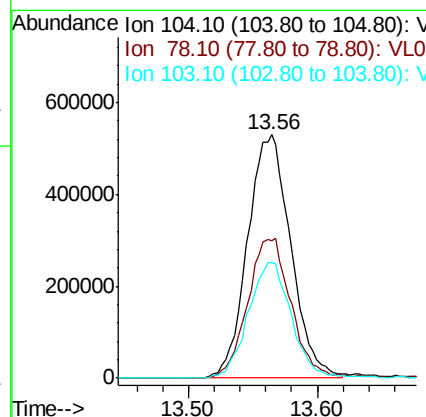
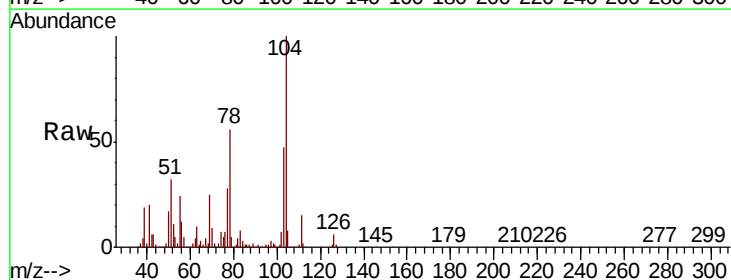
#60
o-Xylene
Concen: 12.326 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. 0.00 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

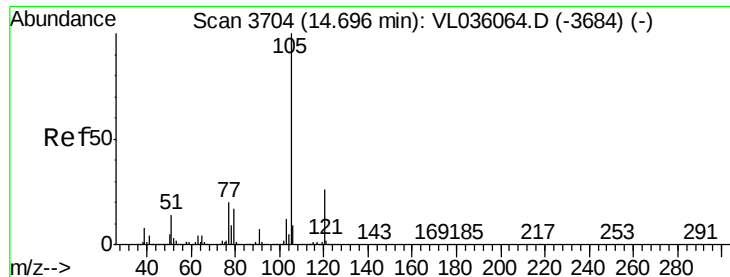
Tot Ion: 91 Resp: 3198898
Ion Ratio Lower Upper
91 100
106 42.6 21.6 64.6



#61
Styrene
Concen: 7.412 ppbv
RT: 13.56 min Scan# 3352
Delta R.T. 0.01 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

Tgt Ion: 104 Resp: 1235078
Ion Ratio Lower Upper
104 100
78 58.0 45.8 68.8
103 47.4 38.6 57.8





#62

Isopropylbenzene

Concen: 0.593 ppbv

RT: 14.70 min Scan# 3706

Delta R.T. 0.01 min

Lab File: VL036074.D

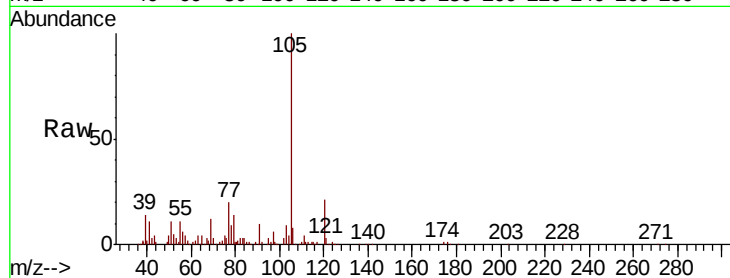
Acq: 7 Dec 2020 21:07

Tot Ion:105 Resp: 228174

Ion Ratio Lower Upper

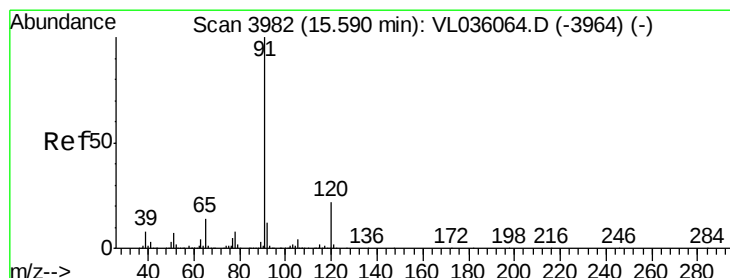
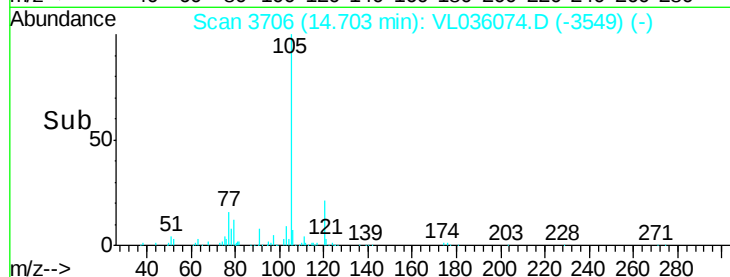
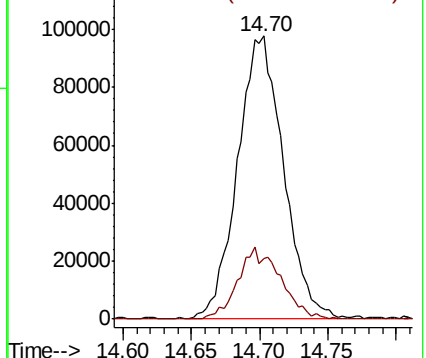
105 100

120 23.5 20.1 30.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 1.783 ppbv

RT: 15.59 min Scan# 3983

Delta R.T. 0.00 min

Lab File: VL036074.D

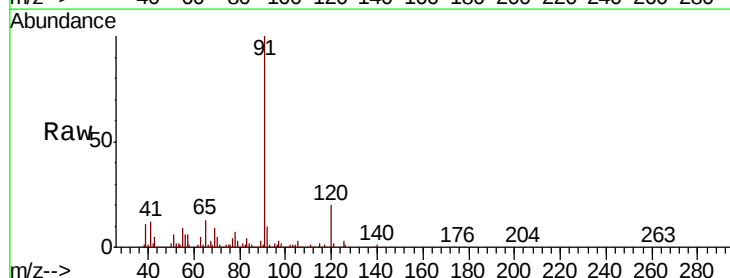
Acq: 7 Dec 2020 21:07

Tgt Ion:120 Resp: 165003

Ion Ratio Lower Upper

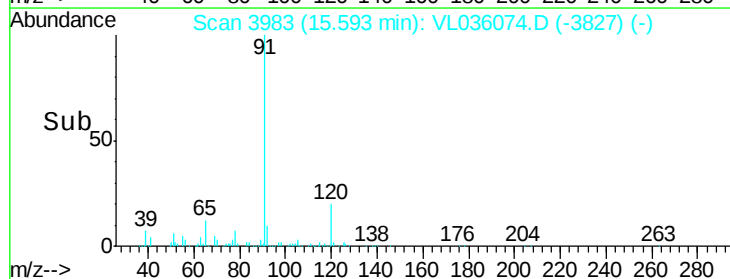
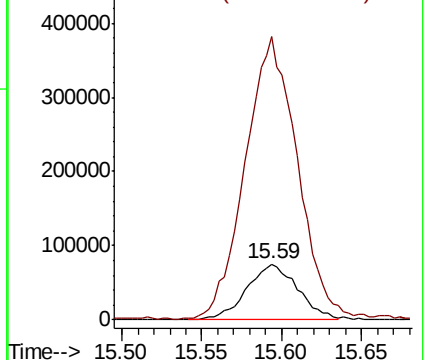
120 100

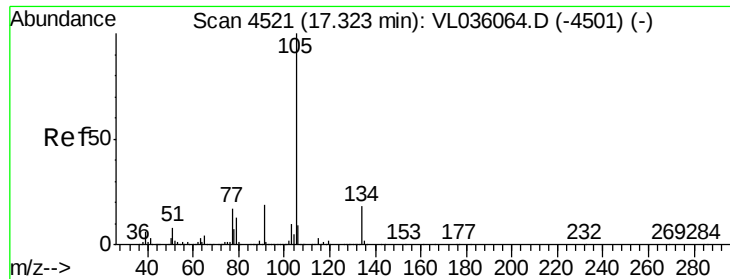
91 522.5 388.9 583.3



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#67

sec-Butylbenzene

Concen: 0.163 ppbv

RT: 17.32 min Scan# 4521

Delta R.T. -0.00 min

Lab File: VL036074.D

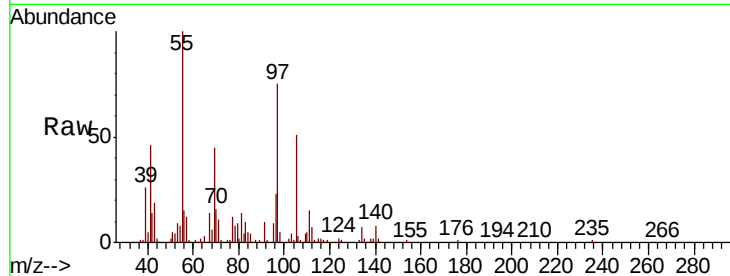
Acq: 7 Dec 2020 21:07

Tot Ion: 105 Resp: 71818

Ion Ratio Lower Upper

105 100

134 20.5 14.2 21.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.32

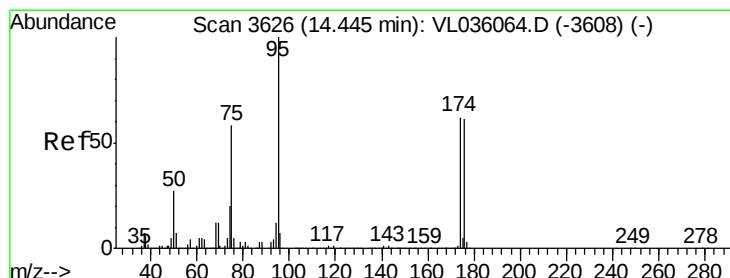
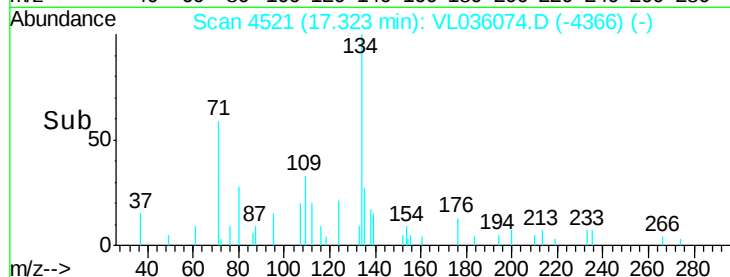
30000

20000

10000

0

Time--> 17.25 17.30 17.35



#68

1-Bromo-4-Fluorobenzene

Concen: 10.962 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. 0.00 min

Lab File: VL036074.D

Acq: 7 Dec 2020 21:07

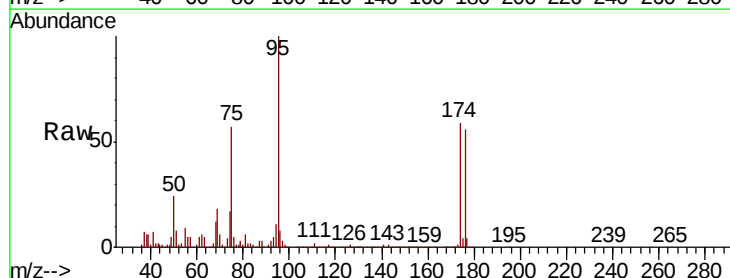
Tgt Ion: 95 Resp: 2077211

Ion Ratio Lower Upper

95 100

174 60.3 50.7 76.1

175 4.6 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): V

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

1200000

1000000

800000

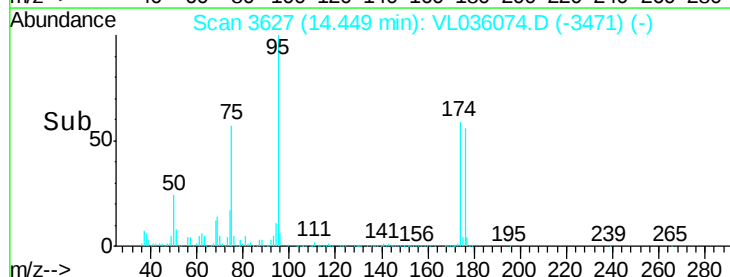
600000

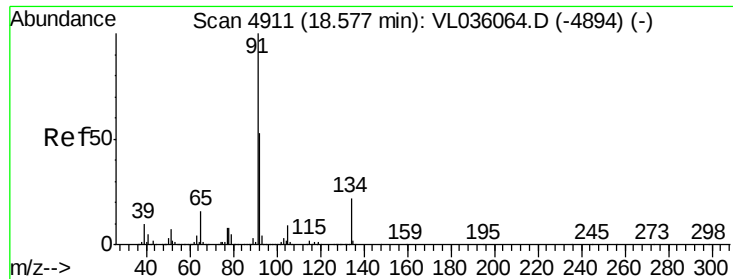
400000

200000

0

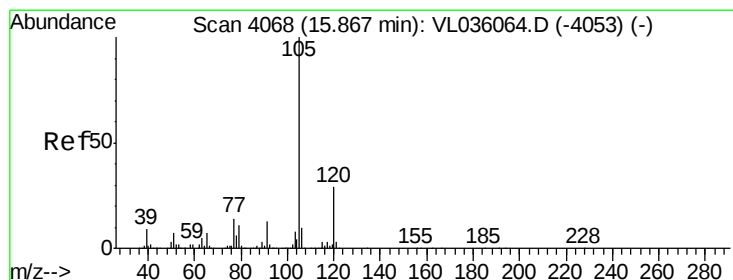
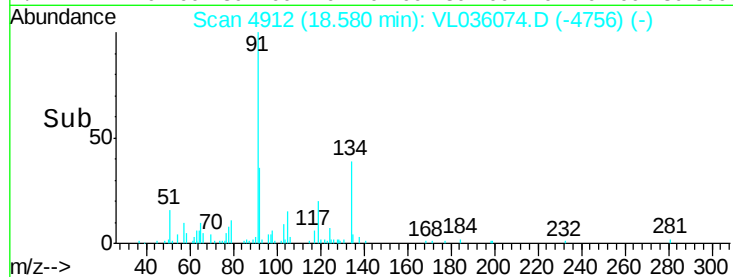
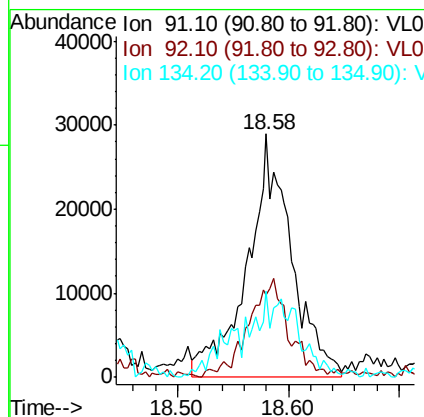
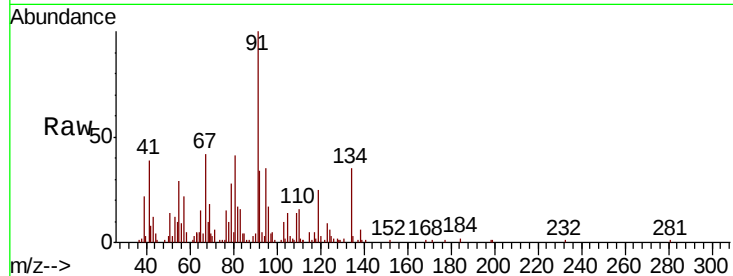
Time--> 14.40 14.45





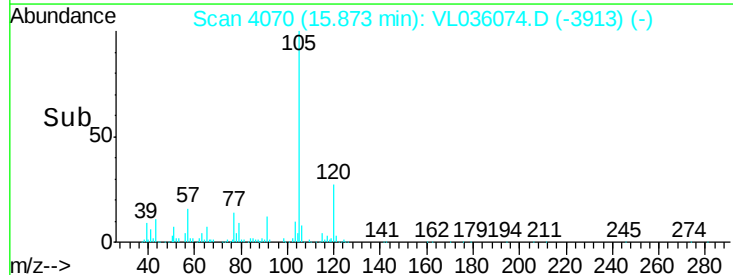
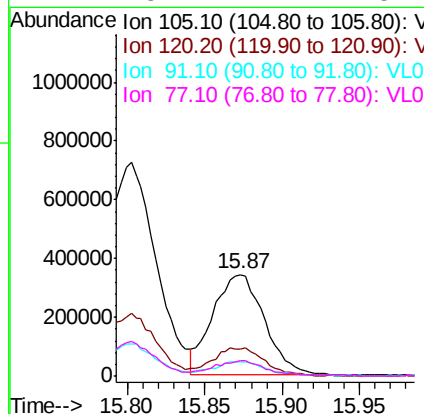
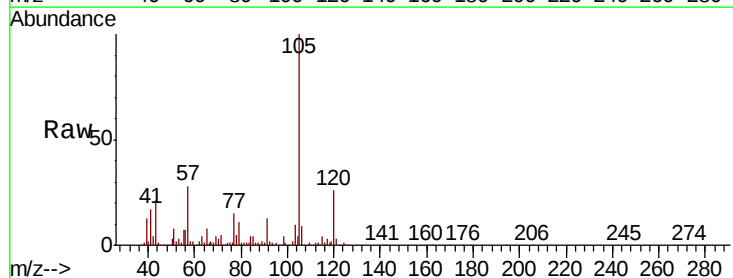
#70
n-Butylbenzene
Concen: 0.230 ppbv m
RT: 18.58 min Scan# 4912
Delta R.T. 0.00 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

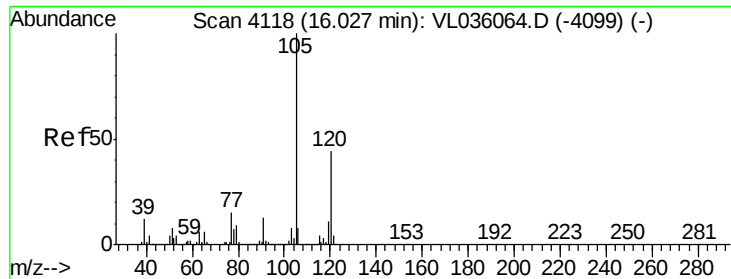
Tot Ion: 91 Resp: 79576
Ion Ratio Lower Upper
91 100
92 37.4 43.3 64.9#
134 0.0 17.1 25.7#



#72
4-Ethyltoluene
Concen: 2.817 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. 0.01 min
Lab File: VL036074.D
Acq: 7 Dec 2020 21:07

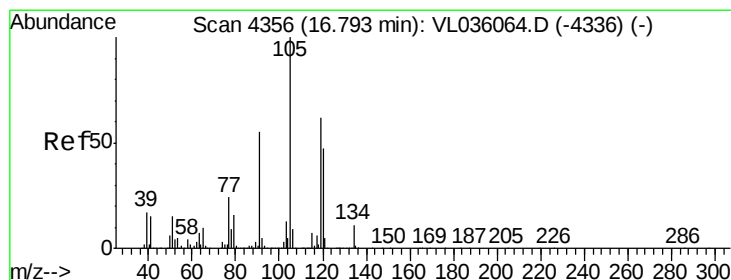
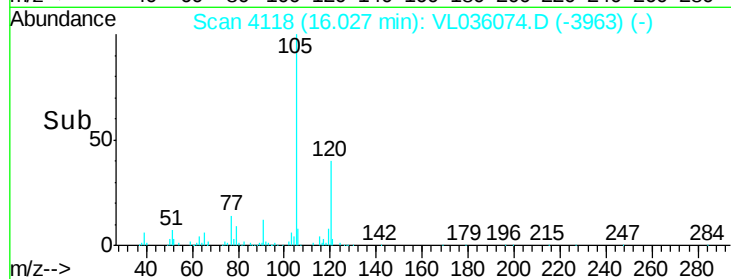
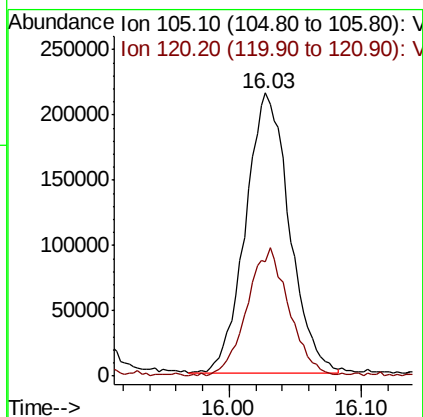
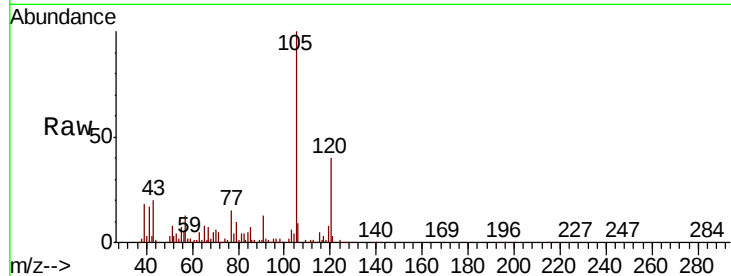
Tgt Ion: 105 Resp: 791845
Ion Ratio Lower Upper
105 100
120 28.8 23.6 35.4
91 14.4 11.4 17.0
77 15.4 12.1 18.1





#73
 1,3,5-Trimethylbenzene
 Concen: 1.836 ppbv
 RT: 16.03 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VL036074.D
 Acq: 7 Dec 2020 21:07

Tot Ion	Ratio	Lower	Upper
105	100		
120	40.6	35.4	53.2



#74
 1,2,4-Trimethylbenzene
 Concen: 4.335 ppbv
 RT: 16.79 min Scan# 4356
 Delta R.T. -0.00 min
 Lab File: VL036074.D
 Acq: 7 Dec 2020 21:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	39.9	37.4	56.0
91	12.0	45.6	68.4#
77	14.3	19.4	29.2#

