

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
Data File : VL039215.D
Acq On : 7 Jun 2022 18:54
Operator : SY/AP
Sample : N3187-01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 08 05:00:17 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
Data File : VL039215.D
Acq On : 7 Jun 2022 18:54
Operator : SY/AP
Sample : N3187-01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

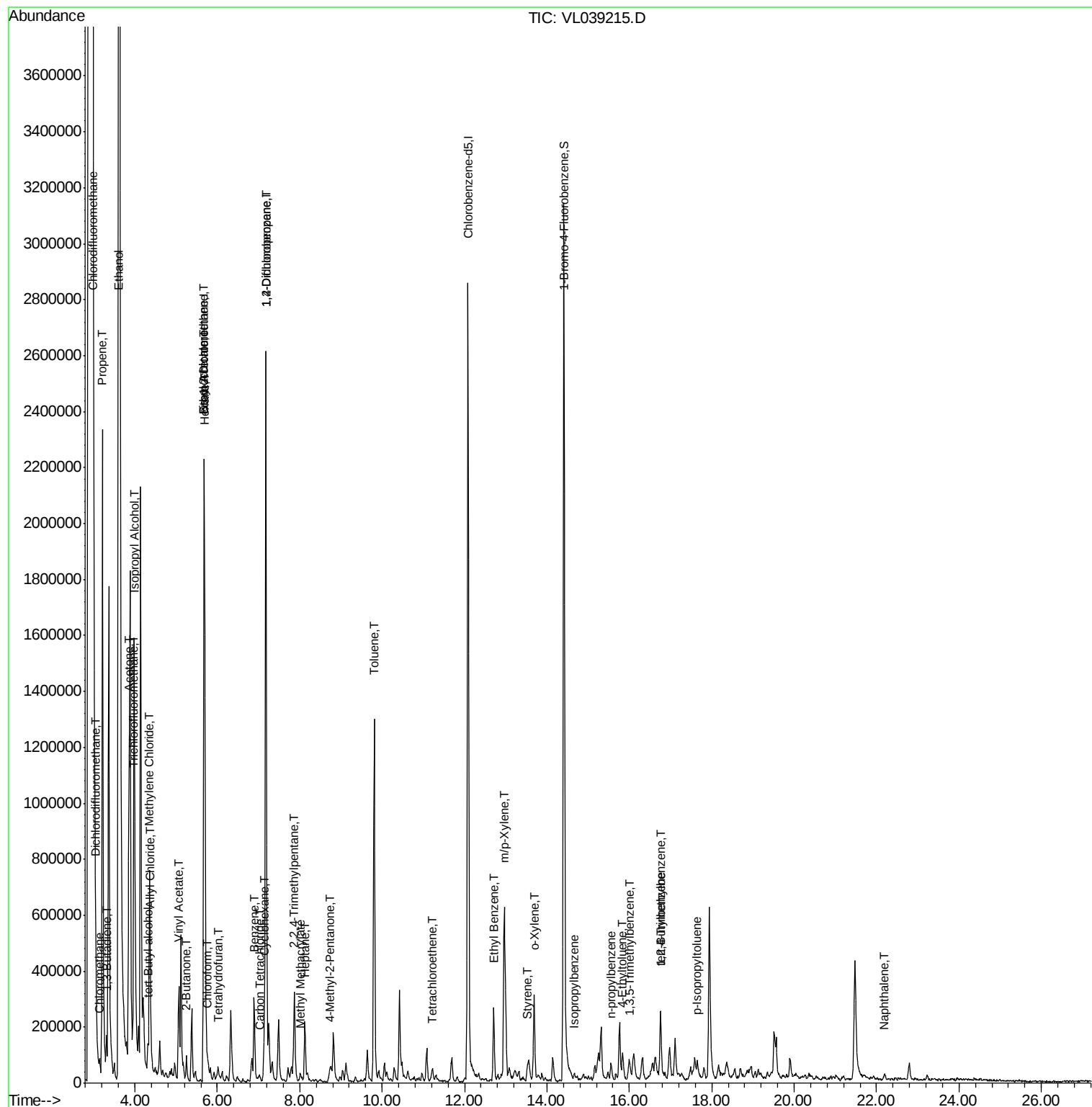
Quant Time: Jun 08 05:00:17 2022

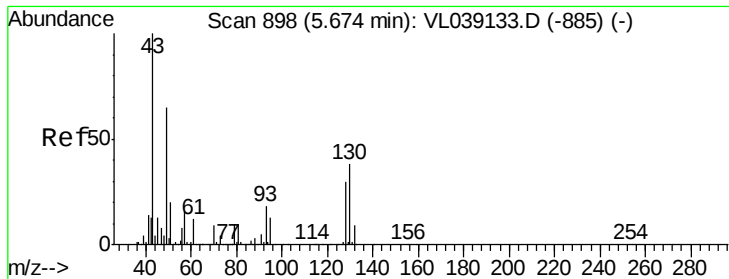
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.00 min

Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

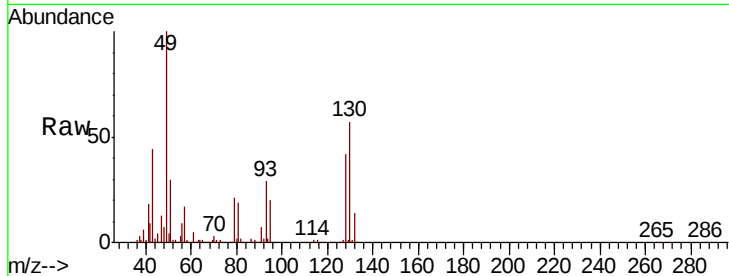
Tot Ion: 49 Resp: 828757

Ion	Ratio	Lower	Upper
49	100		
128	46.1	24.7	74.1
130	58.6	31.4	94.0

49 100

128 46.1 24.7 74.1

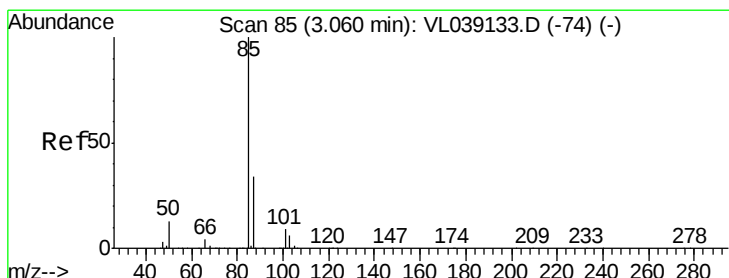
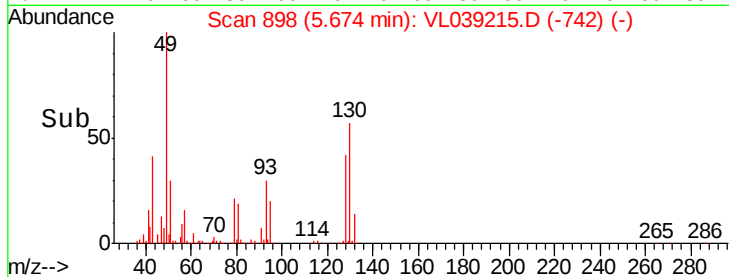
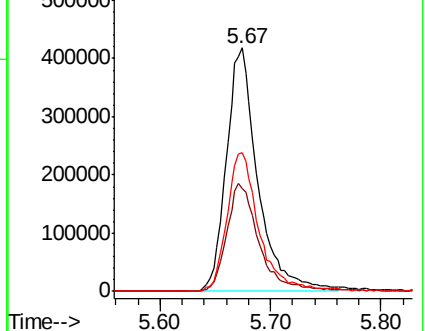
130 58.6 31.4 94.0



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: 0.729 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.01 min

Lab File: VL039215.D

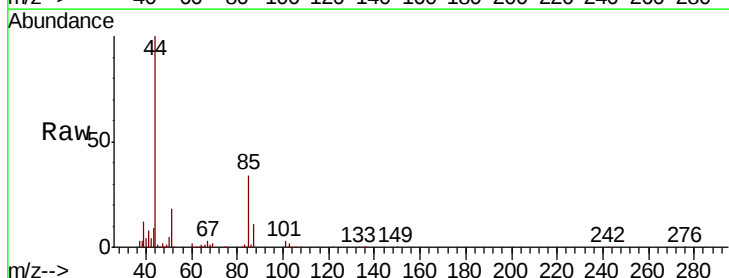
Acq: 7 Jun 2022 18:54

Tgt Ion: 85 Resp: 106162

Ion	Ratio	Lower	Upper
85	100		
87	31.8	26.9	40.3

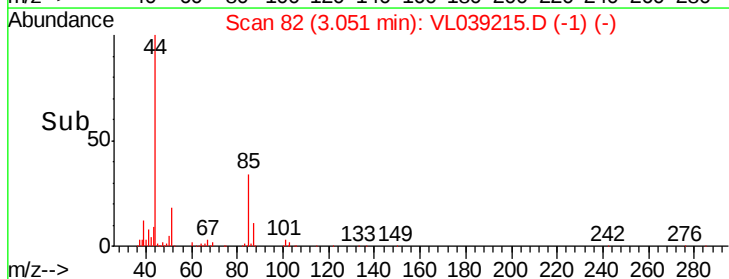
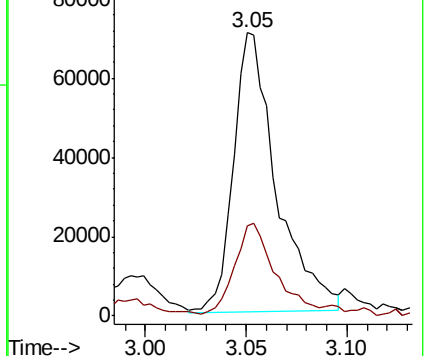
85 100

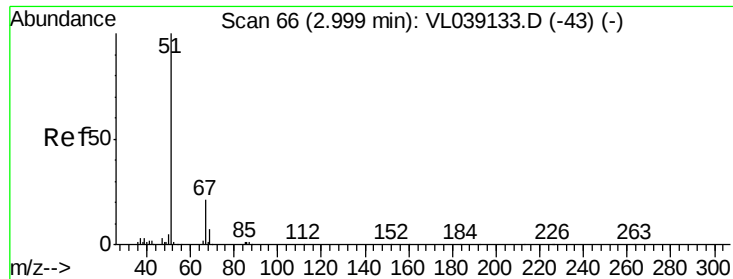
87 31.8 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 13.386 ppbv

RT: 2.99 min Scan# 64

Delta R.T. -0.01 min

Lab File: VL039215.D

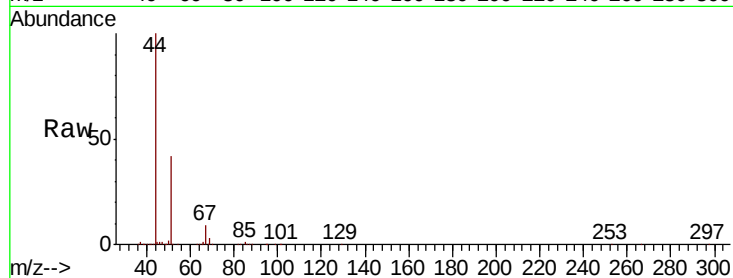
Acq: 7 Jun 2022 18:54

Tot Ion: 51 Resp: 1411483

Ion Ratio Lower Upper

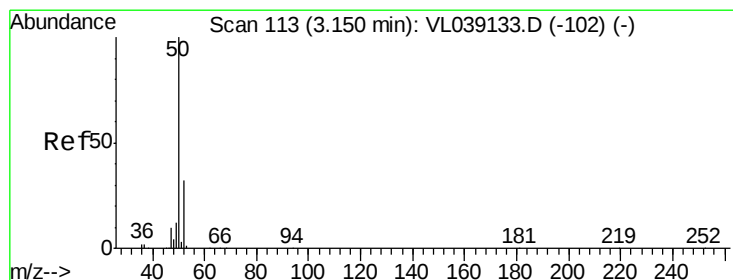
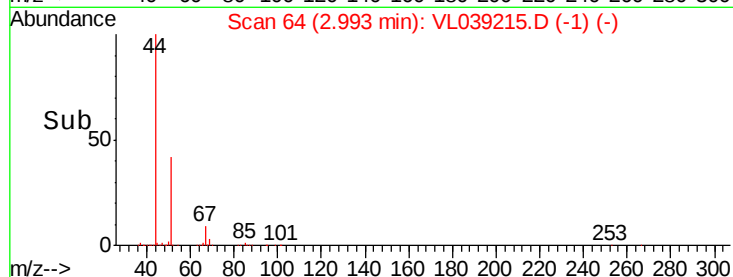
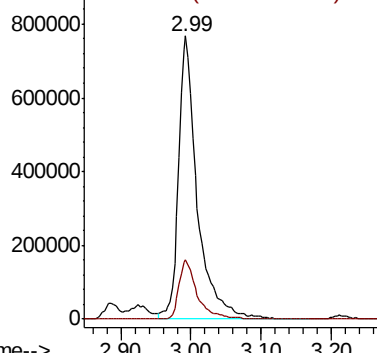
51 100

67 20.6 16.2 24.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.554 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039215.D

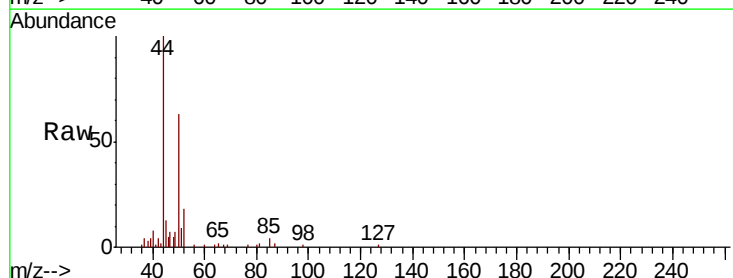
Acq: 7 Jun 2022 18:54

Tgt Ion: 50 Resp: 30012

Ion Ratio Lower Upper

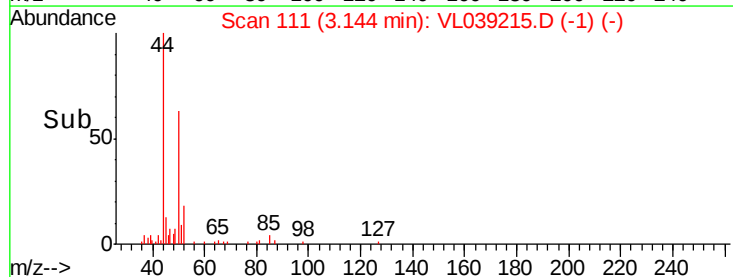
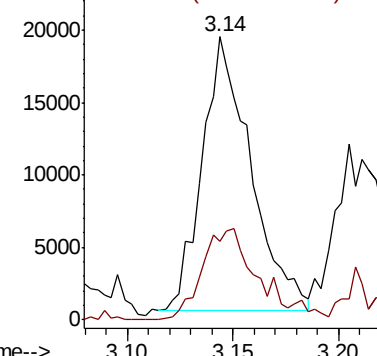
50 100

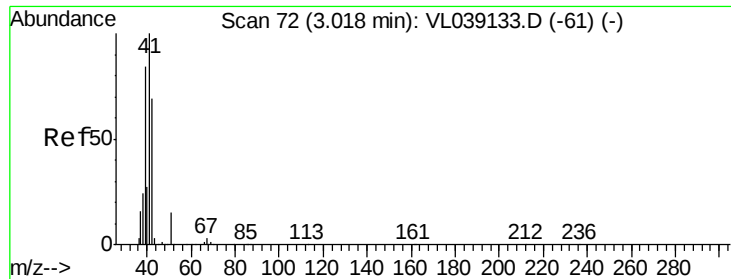
52 28.8 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 16.716 ppbv

RT: 3.21 min Scan# 131

Delta R.T. 0.19 min

Lab File: VL039215.D

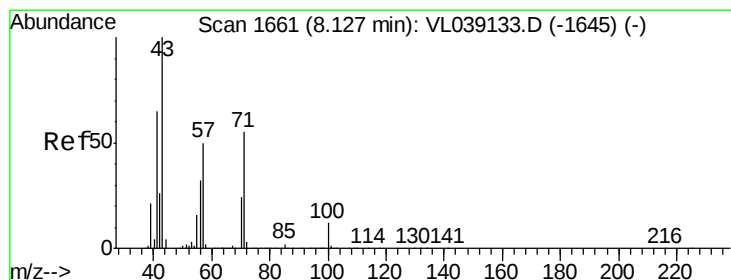
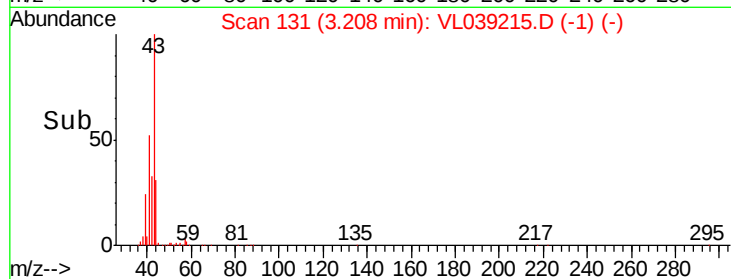
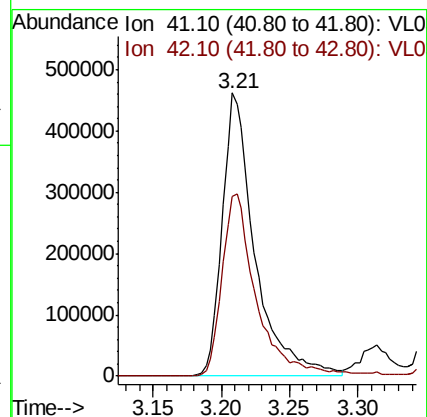
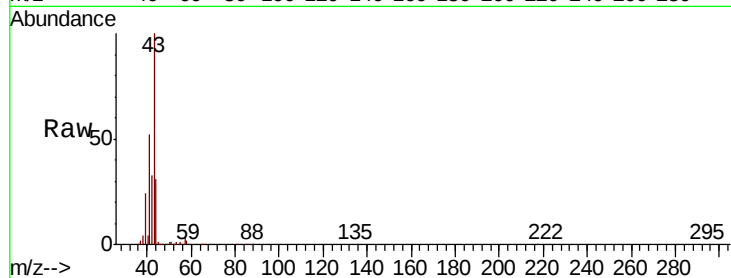
Acq: 7 Jun 2022 18:54

Tot Ion: 41 Resp: 768595

Ion Ratio Lower Upper

41 100

42 68.9 55.4 83.2



#10

Heptane

Concen: 0.748 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL039215.D

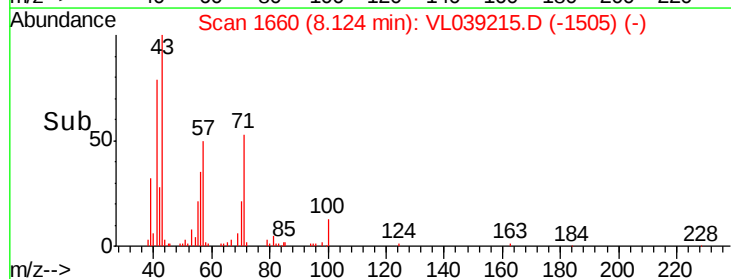
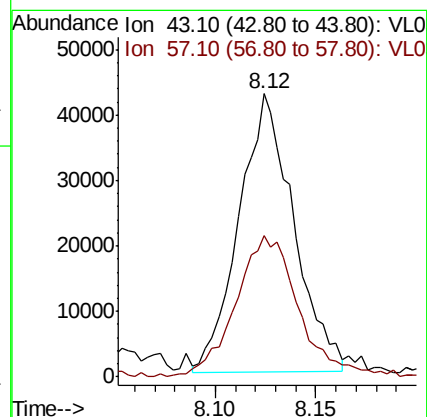
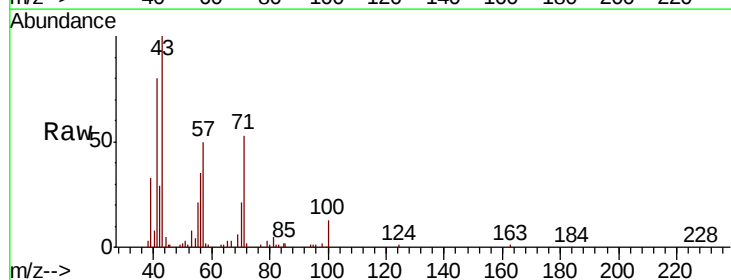
Acq: 7 Jun 2022 18:54

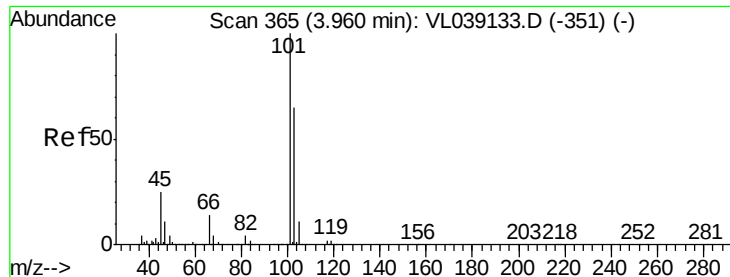
Tgt Ion: 43 Resp: 80254

Ion Ratio Lower Upper

43 100

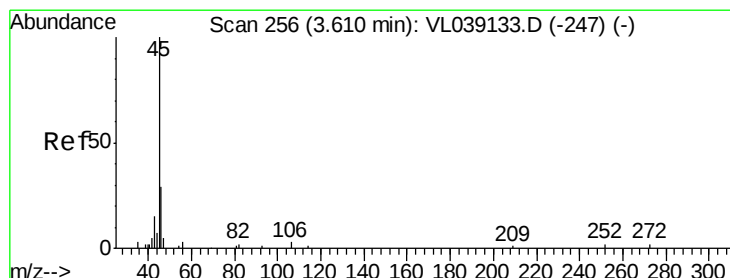
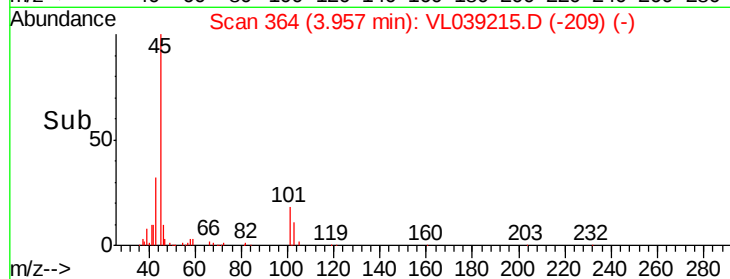
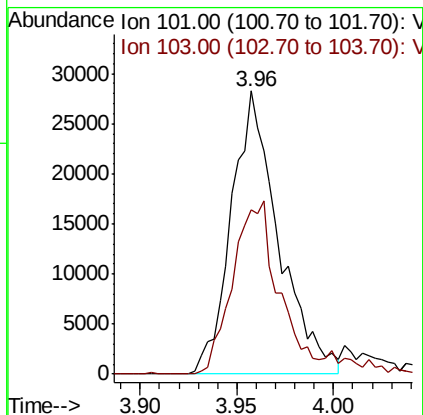
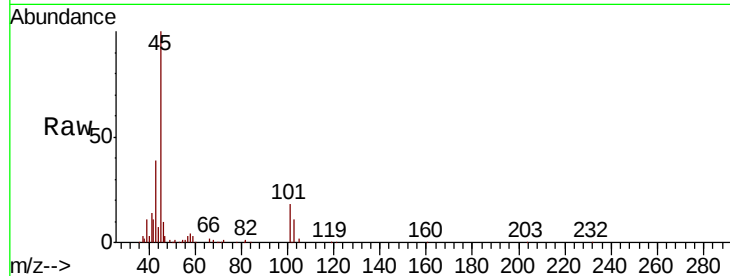
57 56.9 41.4 62.2





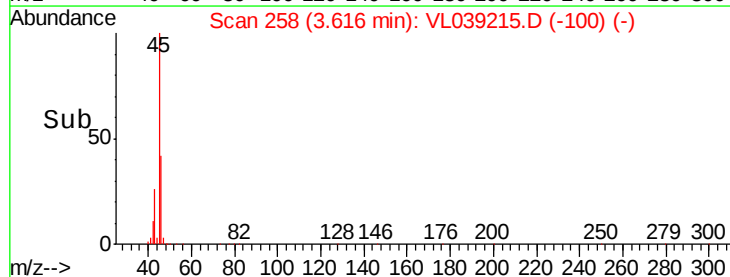
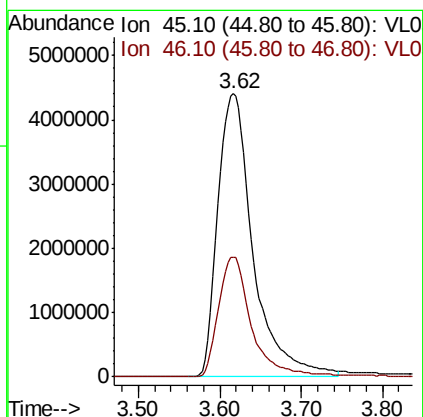
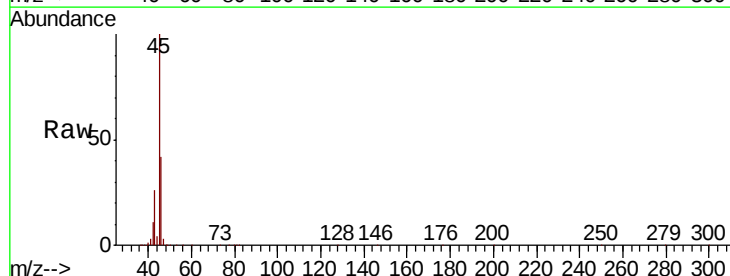
#11
 Trichlorofluoromethane
 Concen: 0.365 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VL039215.D
 Acq: 7 Jun 2022 18:54

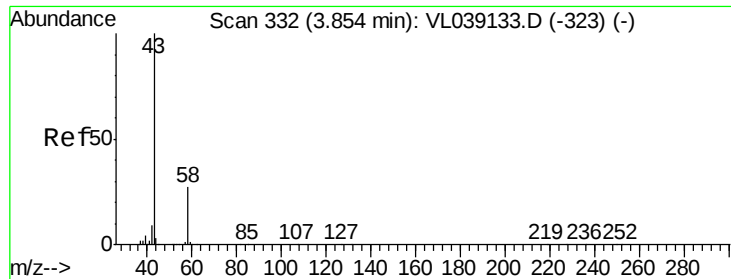
Tot Ion: 101 Resp: 48138
 Ion Ratio Lower Upper
 101 100
 103 58.1 51.7 77.5



#13
 Ethanol
 Concen: 5381.981 ppbv
 RT: 3.62 min Scan# 258
 Delta R.T. 0.01 min
 Lab File: VL039215.D
 Acq: 7 Jun 2022 18:54

Tgt Ion: 45 Resp: 13495548
 Ion Ratio Lower Upper
 45 100
 46 40.4 0.0 0.0#





#15

Acetone

Concen: 12.928 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.00 min

Lab File: VL039215.D

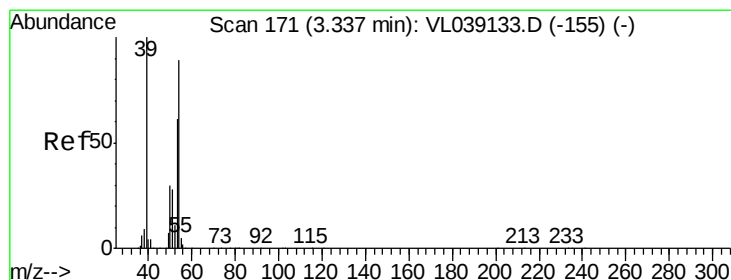
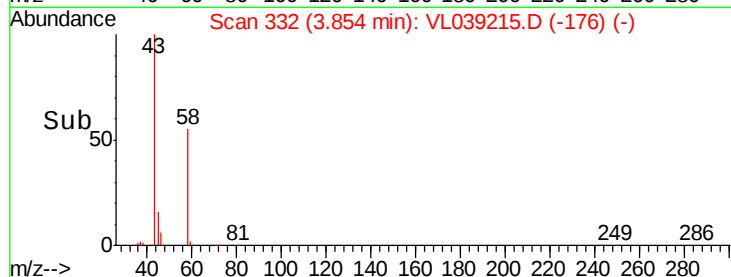
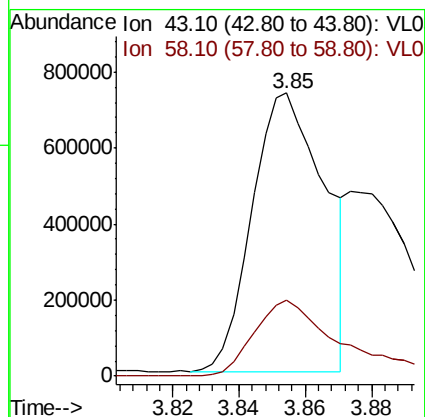
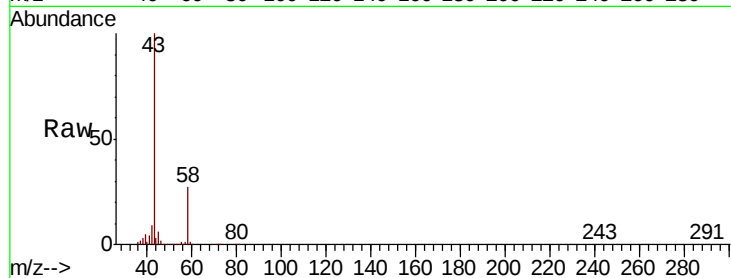
Acq: 7 Jun 2022 18:54

Tot Ion: 43 Resp: 1116115

Ion Ratio Lower Upper

43 100

58 34.7 22.5 33.7#



#16

1,3-Butadiene

Concen: 0.650 ppbv

RT: 3.31 min Scan# 164

Delta R.T. -0.02 min

Lab File: VL039215.D

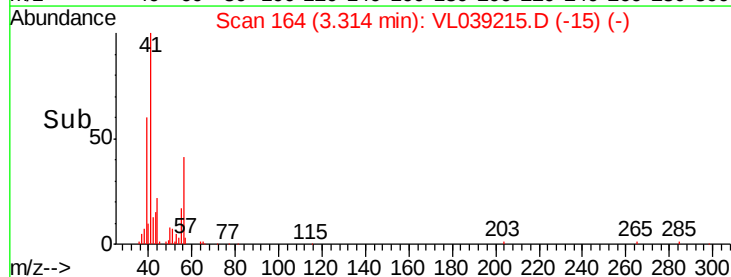
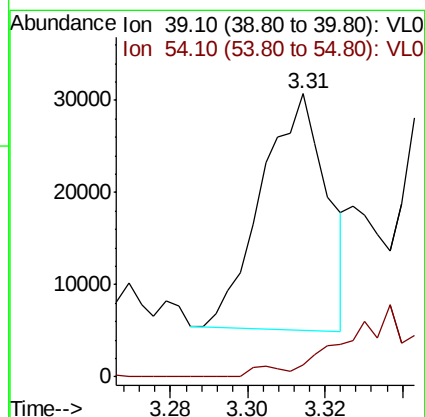
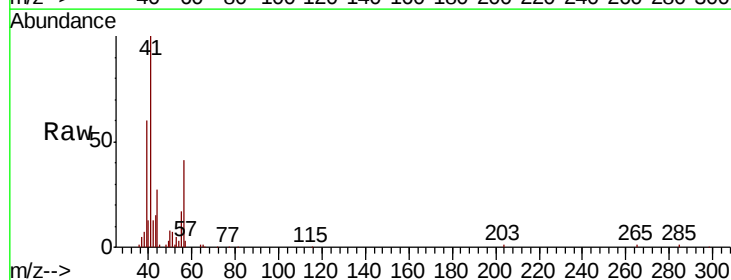
Acq: 7 Jun 2022 18:54

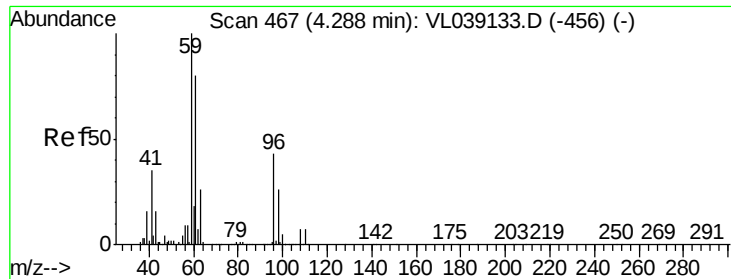
Tgt Ion: 39 Resp: 30159

Ion Ratio Lower Upper

39 100

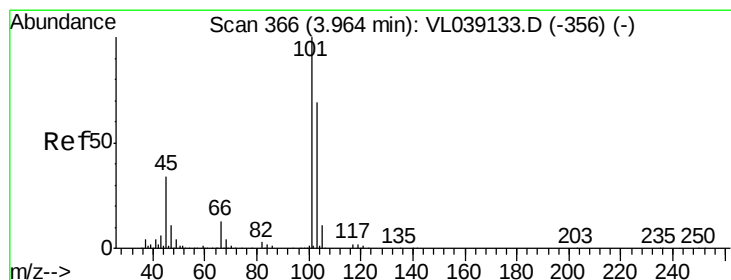
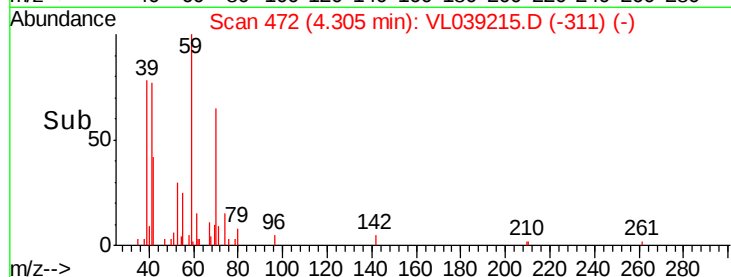
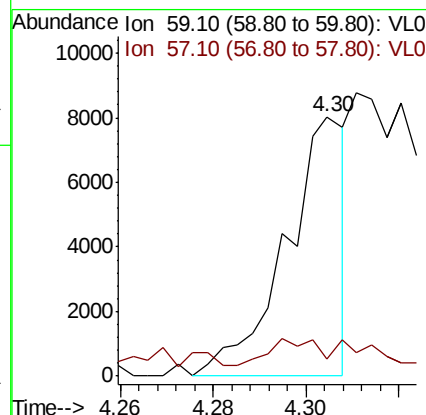
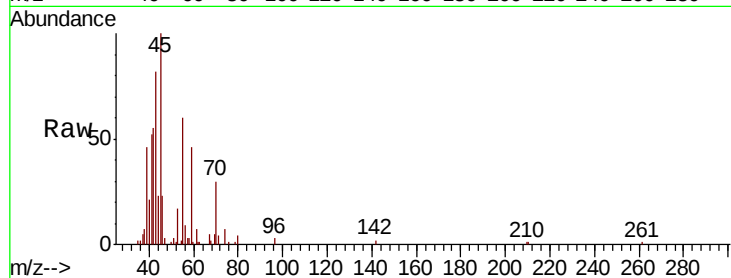
54 54.1 65.8 98.6#





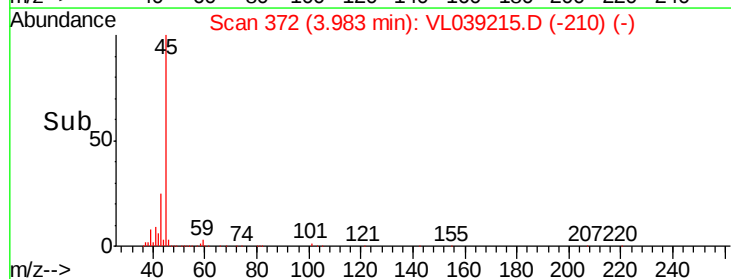
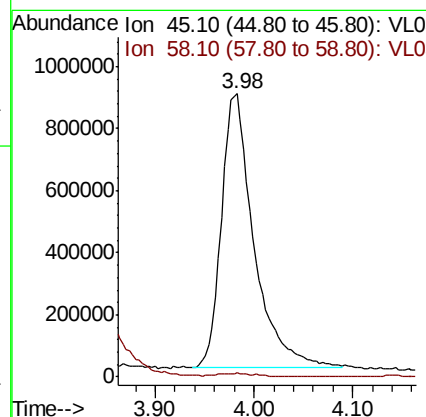
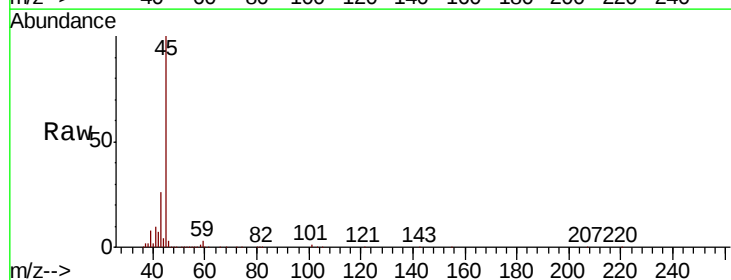
#17
tert-Butyl alcohol
Concen: 0.107 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.02 min
Lab File: VL039215.D
Acq: 7 Jun 2022 18:54

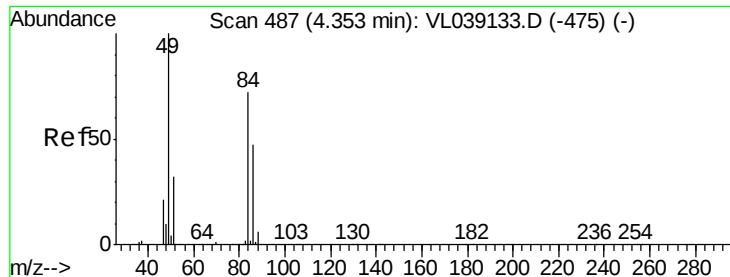
Tot Ion: 59 Resp: 7188
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.7#



#19
Isopropyl Alcohol
Concen: 50.462 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.02 min
Lab File: VL039215.D
Acq: 7 Jun 2022 18:54

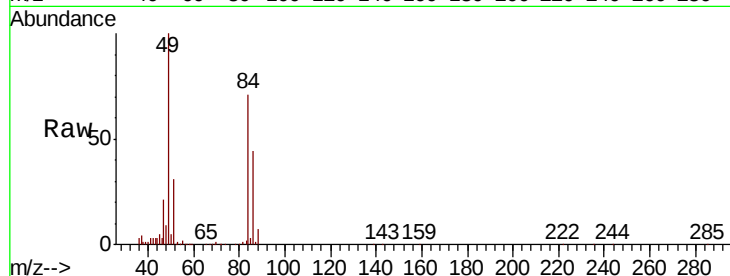
Tgt Ion: 45 Resp: 2043273
Ion Ratio Lower Upper
45 100
58 1.9 1.8 2.8



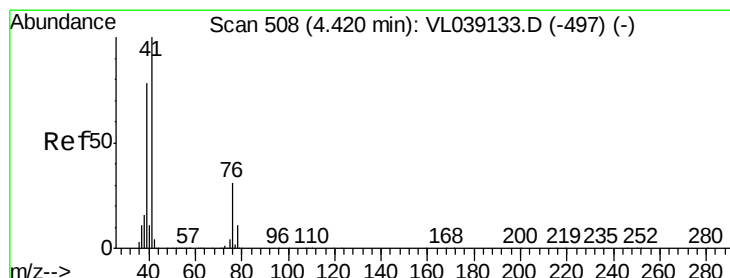
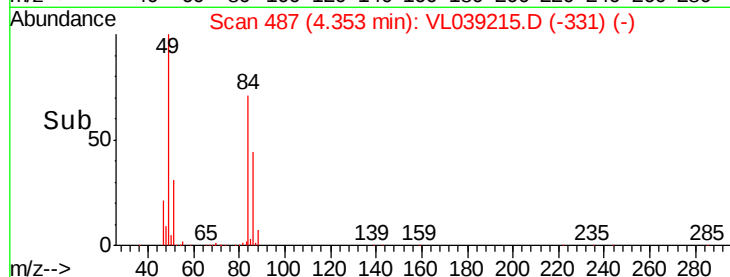
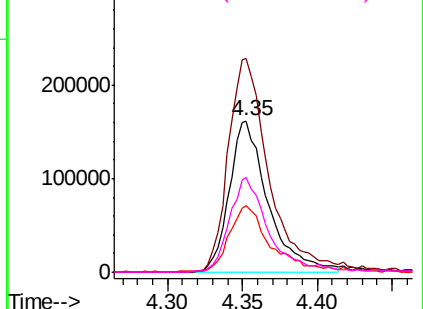


#20
Methylene Chloride
Concen: 8.053 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.00 min
Lab File: VL039215.D
Acq: 7 Jun 2022 18:54

Tot Ion:	84	Resp:	292982
Ion	Ratio	Lower	Upper
84	100		
49	140.7	111.1	166.7
51	43.4	35.3	52.9
86	62.1	51.9	77.9

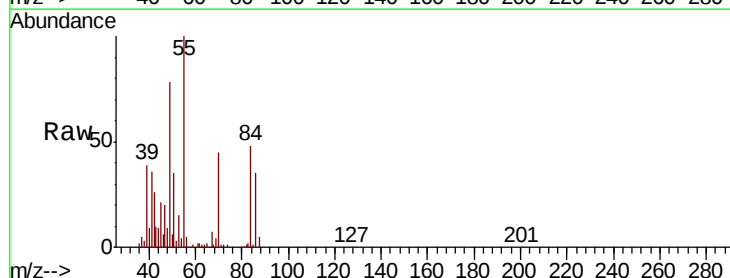


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

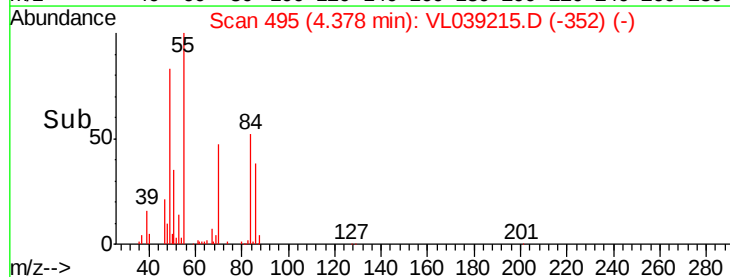
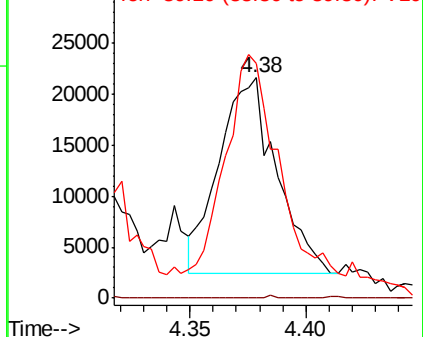


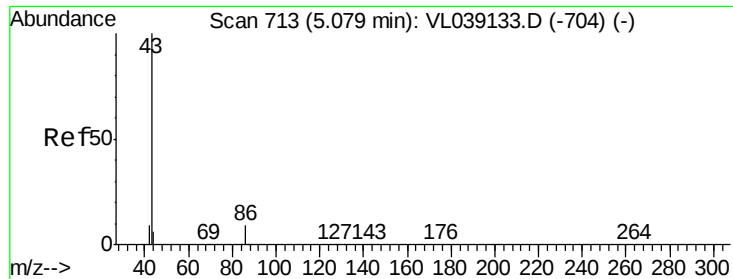
#21
Allyl Chloride
Concen: 0.566 ppbv
RT: 4.38 min Scan# 495
Delta R.T. -0.04 min
Lab File: VL039215.D
Acq: 7 Jun 2022 18:54

Tgt Ion:	41	Resp:	32952
Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.2#
39	145.1	62.2	93.2#



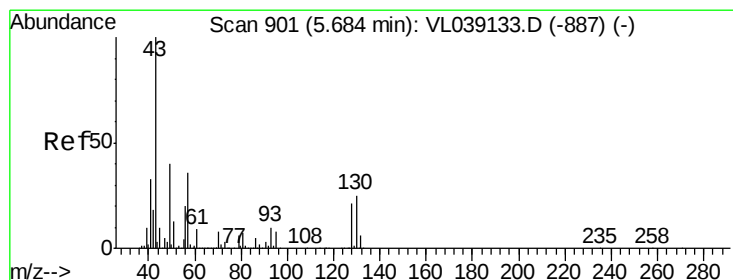
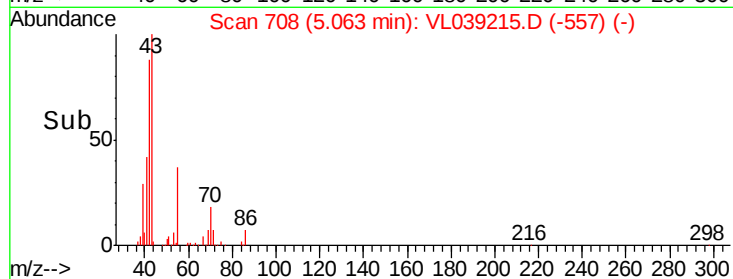
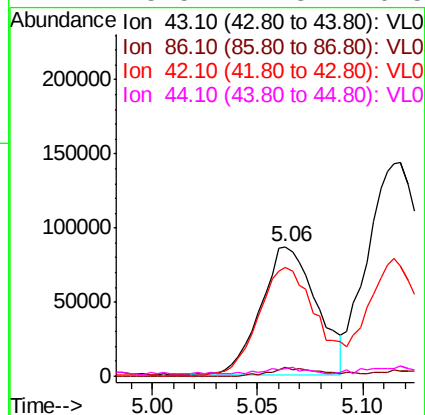
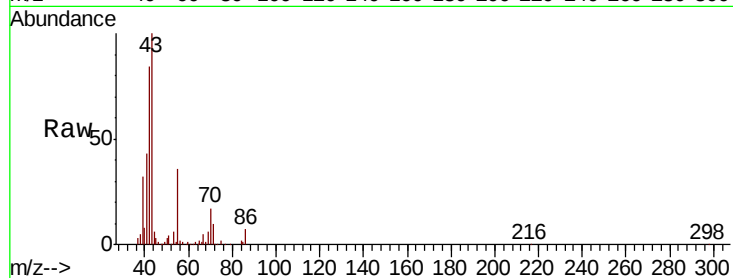
Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





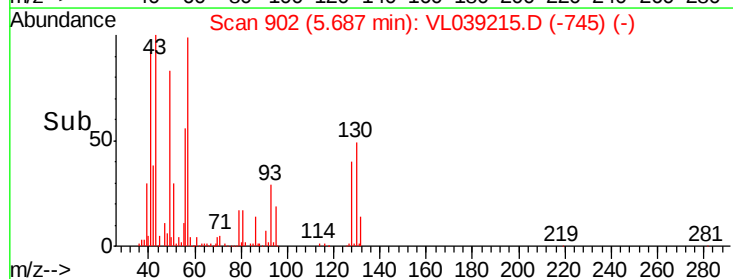
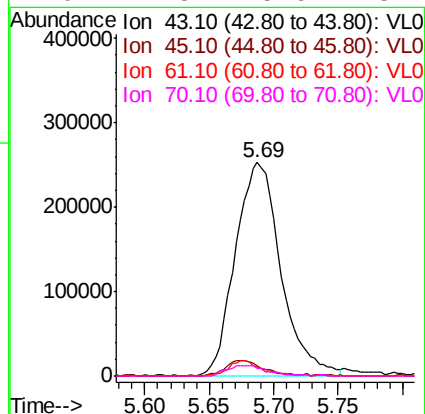
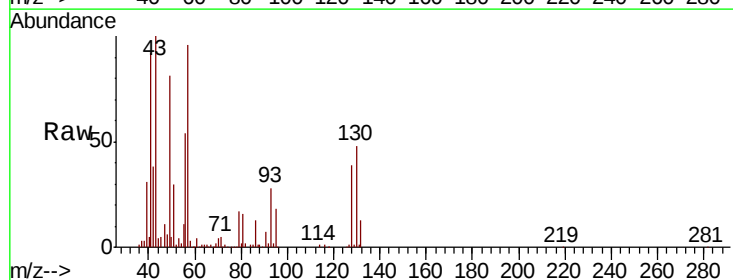
#23
 Vinyl Acetate
 Concen: 2.251 ppbv
 RT: 5.06 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: VL039215.D
 Acq: 7 Jun 2022 18:54

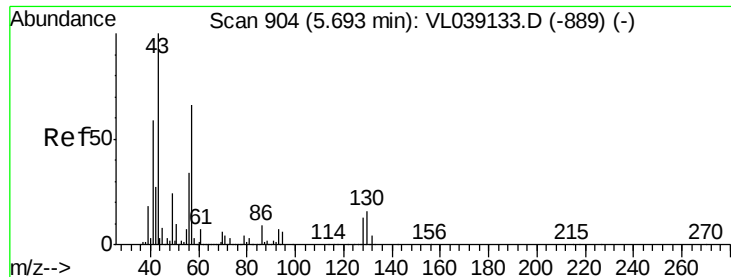
Tot Ion:	43	Resp:	160763
Ion	Ratio	Lower	Upper
43	100		
86	6.8	6.0	9.0
42	84.2	8.2	12.4#
44	3.5	4.3	6.5#



#25
 Ethyl Acetate
 Concen: 3.187 ppbv
 RT: 5.69 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: VL039215.D
 Acq: 7 Jun 2022 18:54

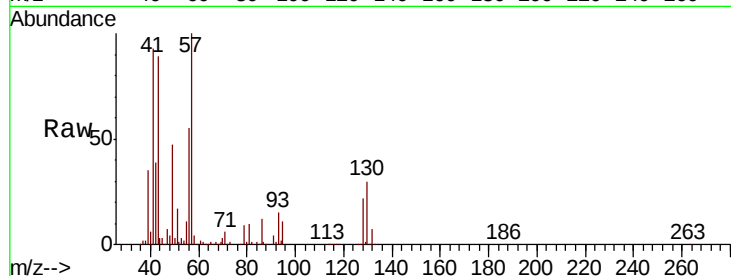
Tgt Ion:	43	Resp:	620134
Ion	Ratio	Lower	Upper
43	100		
45	6.2	8.2	12.2#
61	5.5	8.4	12.6#
70	4.8	5.6	8.4#



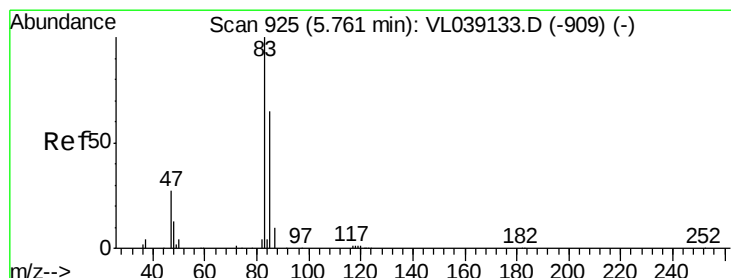
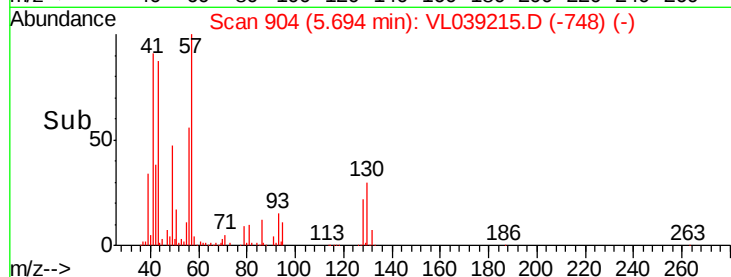
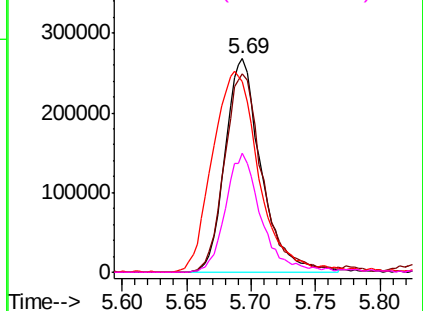


#26
Hexane
Concen: 6.088 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.00 min
Lab File: VL039215.D
Acq: 7 Jun 2022 18:54

Tot Ion:	57	Resp:	520589
Ion	Ratio	Lower	Upper
57	100		
41	100.3	72.4	108.6
43	122.7	187.0	280.6#
56	55.8	41.8	62.6

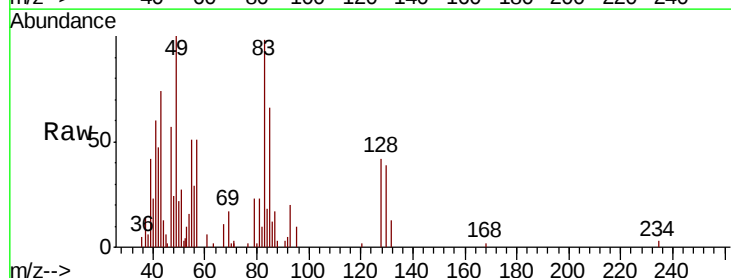


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

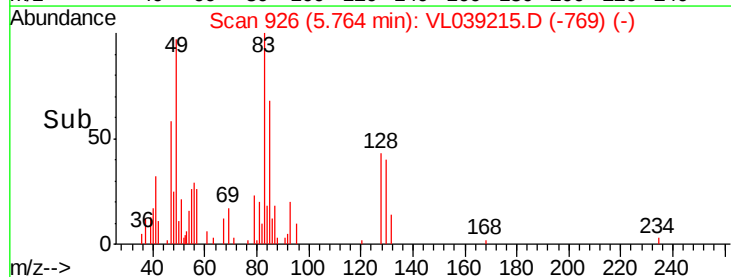
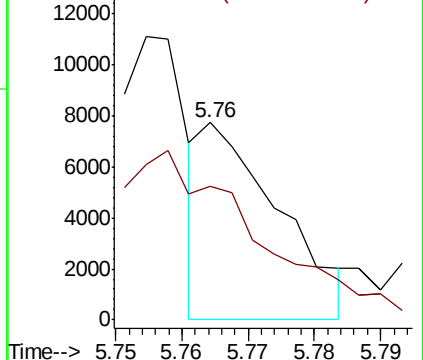


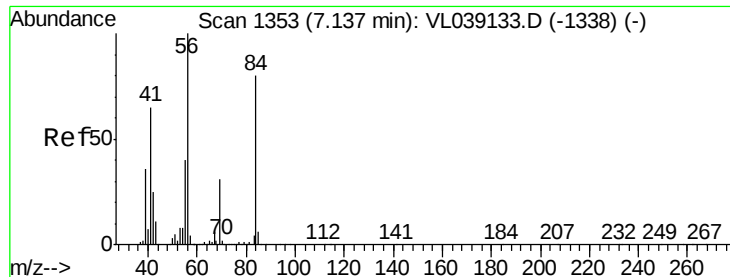
#29
Chloroform
Concen: 0.044 ppbv
RT: 5.76 min Scan# 926
Delta R.T. 0.00 min
Lab File: VL039215.D
Acq: 7 Jun 2022 18:54

Tgt Ion:	83	Resp:	6292
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.4	78.6



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0





#30

Cvclohexane

Concen: 0.349 ppbv

RT: 7.14 min Scan# 1354

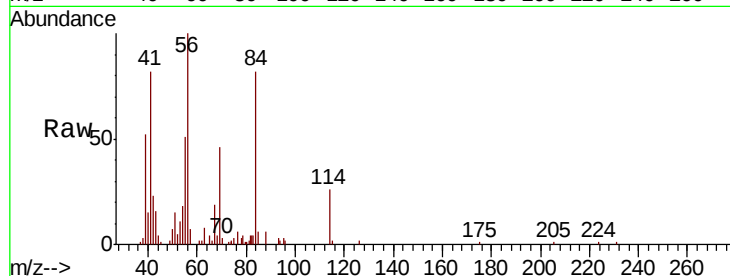
Delta R.T. 0.00 min

Lab File: VL039215.D

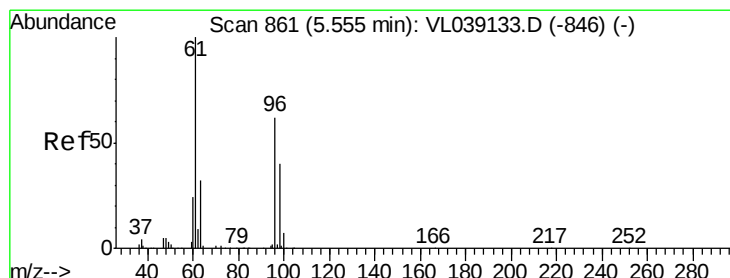
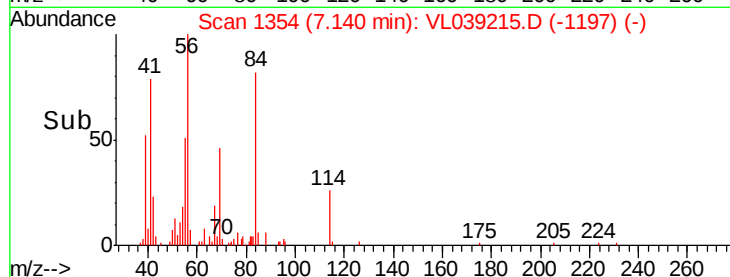
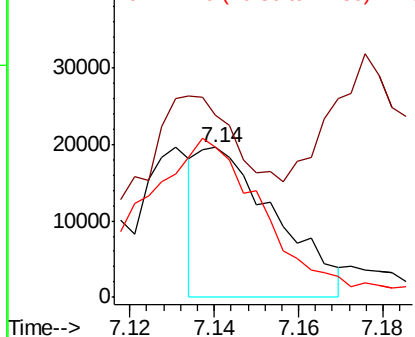
Acq: 7 Jun 2022 18:54

Tot Ion: 84 Resp: 25090

Ion	Ratio	Lower	Upper
84	100		
56	190.2	110.6	165.8#
41	178.5	68.9	103.3#



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0



#31

cis-1,2-Dichloroethene

Concen: 0.318 ppbv

RT: 5.67 min Scan# 898

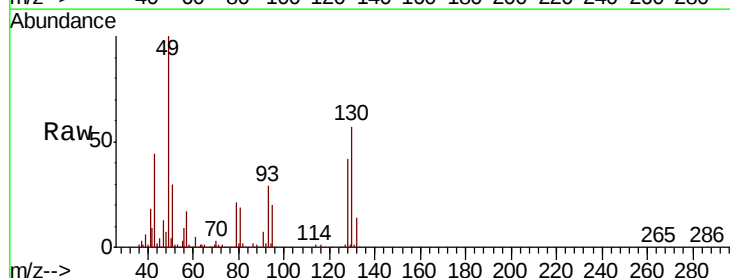
Delta R.T. 0.12 min

Lab File: VL039215.D

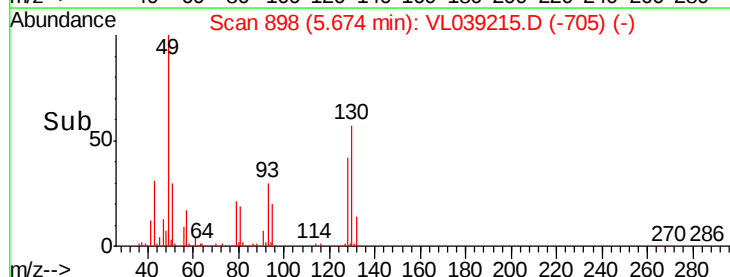
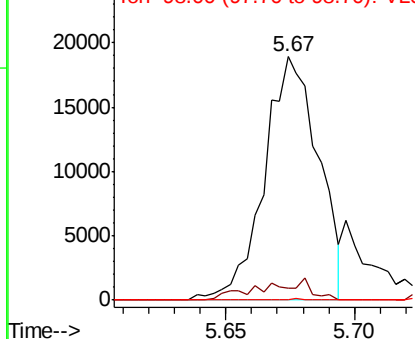
Acq: 7 Jun 2022 18:54

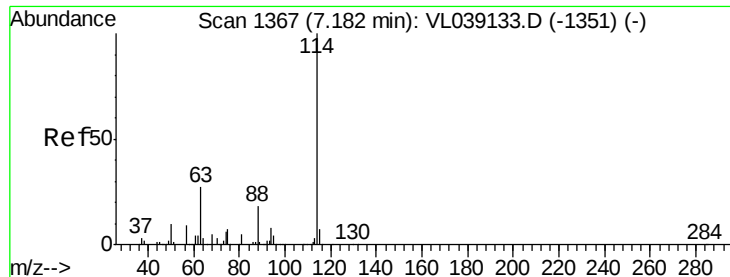
Tgt Ion: 61 Resp: 27697

Ion	Ratio	Lower	Upper
61	100		
96	4.9	49.9	74.9#
98	0.0	32.0	48.0#



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.00 min

Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

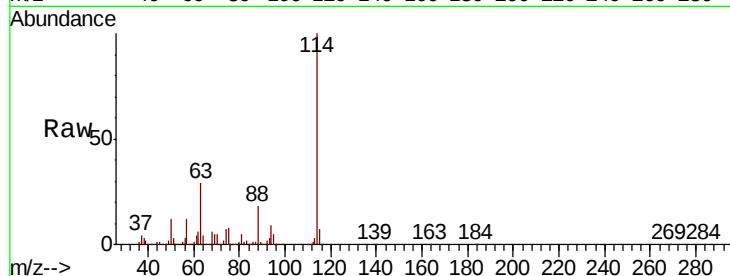
Tot Ion:114 Resp: 1844662

Ion Ratio Lower Upper

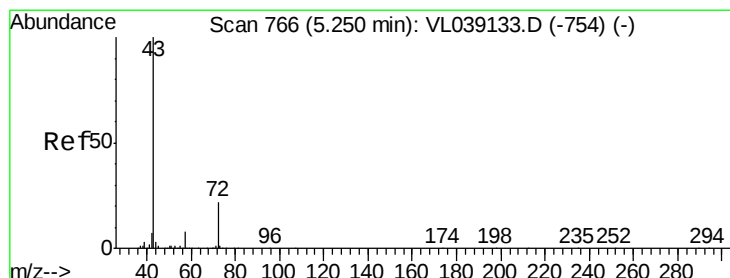
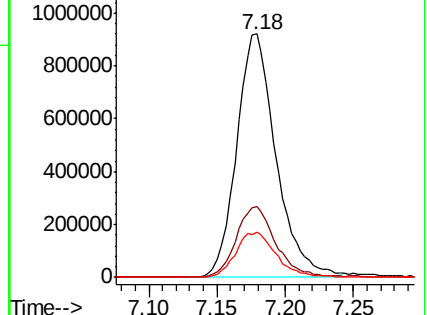
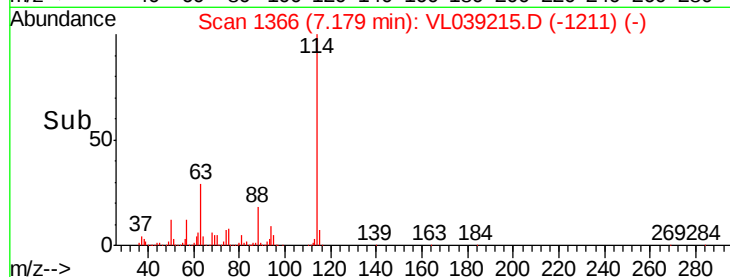
114 100

63 29.9 21.7 32.5

88 19.4 14.8 22.2



Abundance Ion 114.10 (113.80 to 114.80): VL0
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.921 ppbv

RT: 5.25 min Scan# 766

Delta R.T. 0.00 min

Lab File: VL039215.D

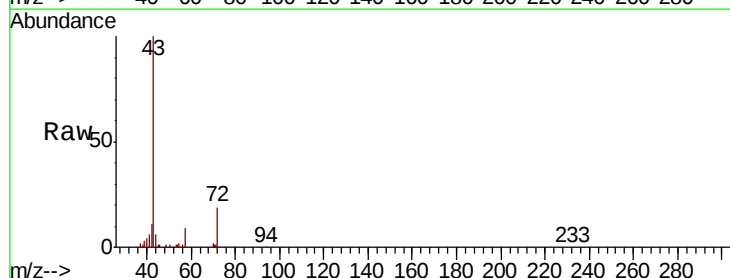
Acq: 7 Jun 2022 18:54

Tgt Ion: 43 Resp: 92320

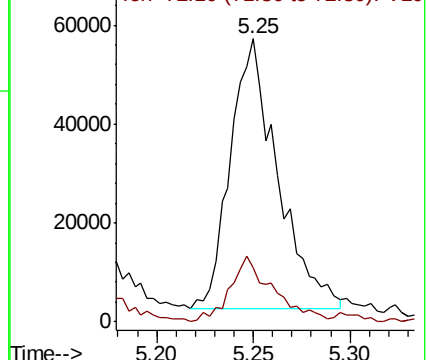
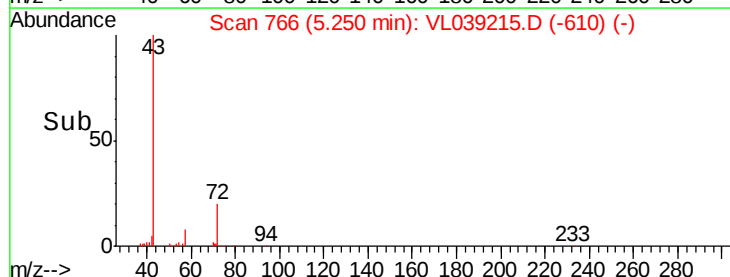
Ion Ratio Lower Upper

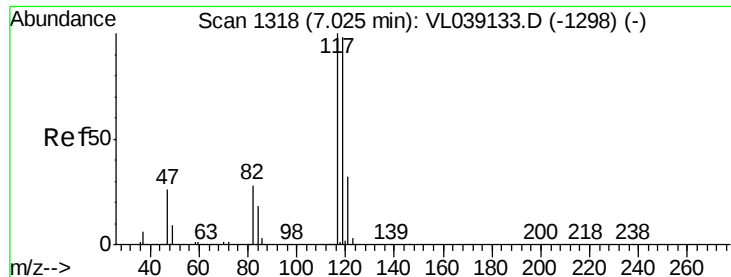
43 100

72 24.7 18.2 27.2



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





#35

Carbon Tetrachloride

Concen: 0.057 ppbv

RT: 7.02 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

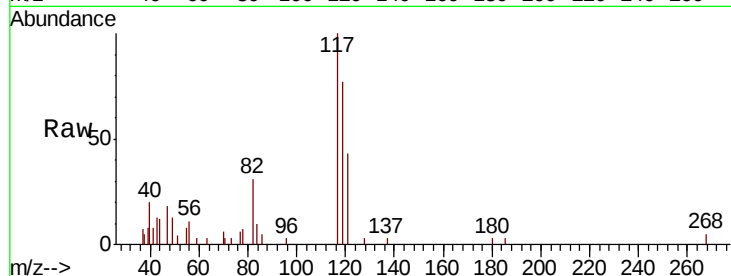
Tot Ion: 117 Resp: 7647

Ion Ratio Lower Upper

117 100

119 53.3 78.6 118.0#

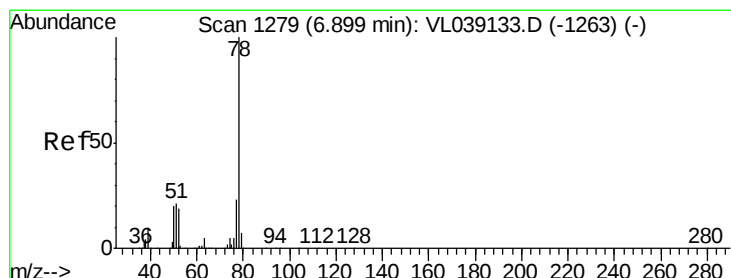
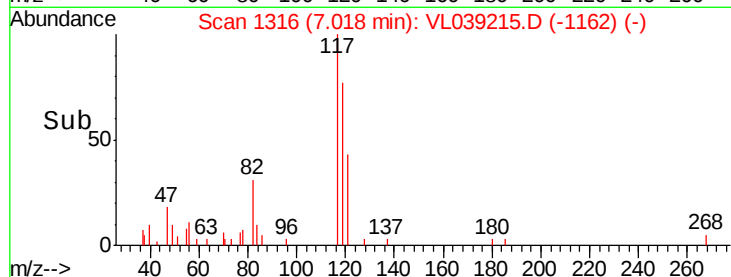
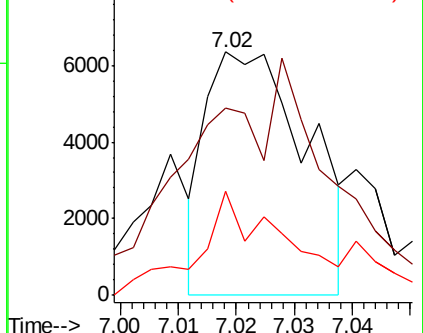
121 53.8 25.4 38.0#



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: 1.582 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

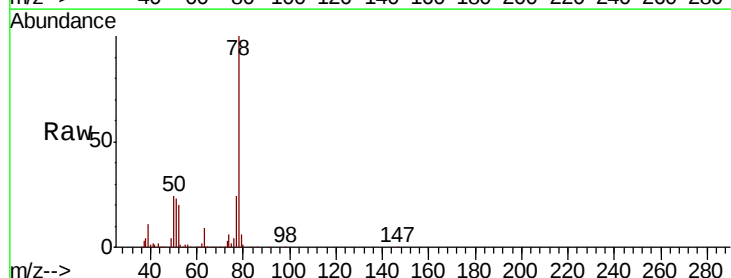
Tgt Ion: 78 Resp: 236966

Ion Ratio Lower Upper

78 100

77 23.7 18.6 27.8

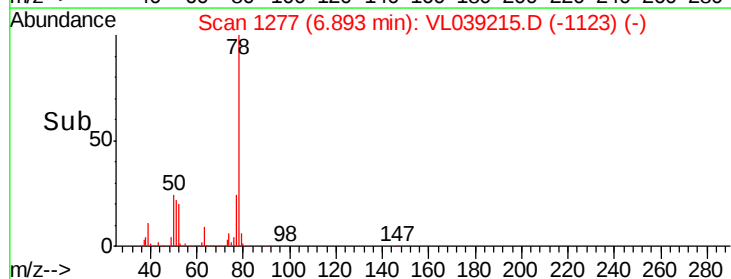
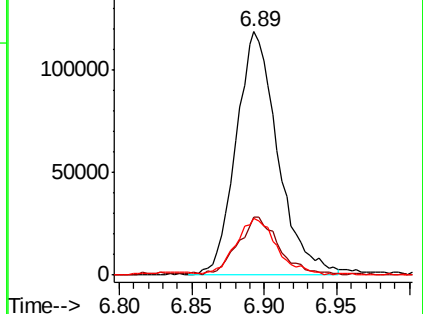
50 22.7 15.8 23.8

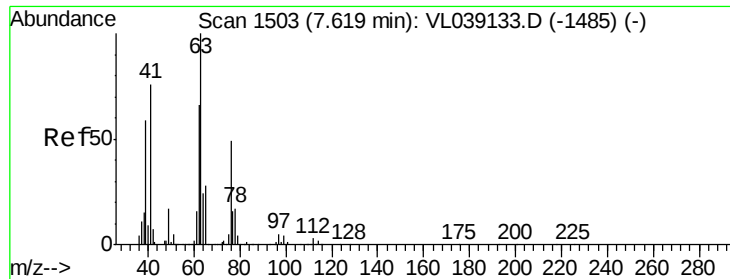


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#39

1,2-Dichloropropane

Concen: 8.996 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.44 min

Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

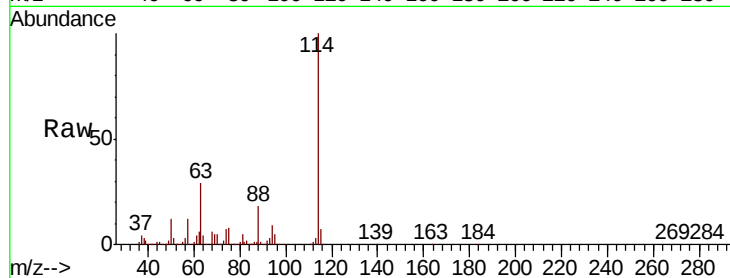
Tot Ion: 63 Resp: 535861

Ion Ratio Lower Upper

63 100

41 0.0 60.8 91.2#

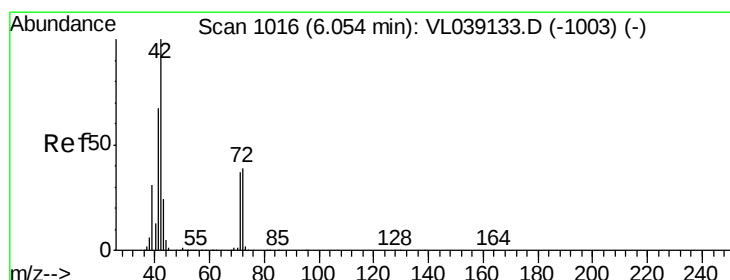
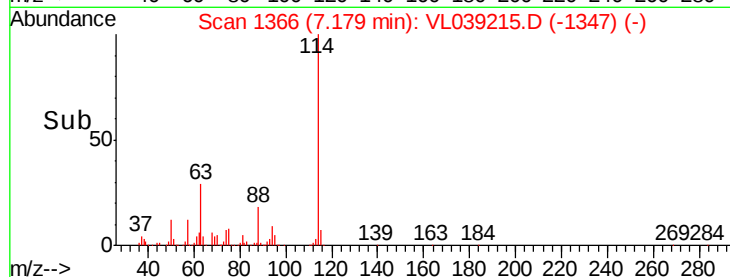
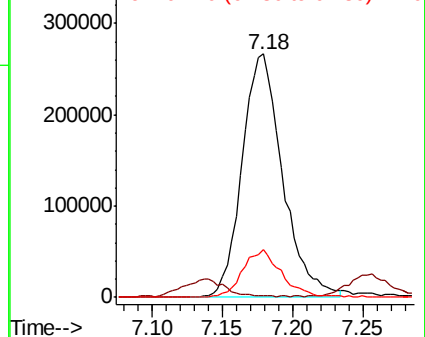
62 19.3 52.9 79.3#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#41

Tetrahydrofuran

Concen: 0.062 ppbv

RT: 6.03 min Scan# 1008

Delta R.T. -0.03 min

Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

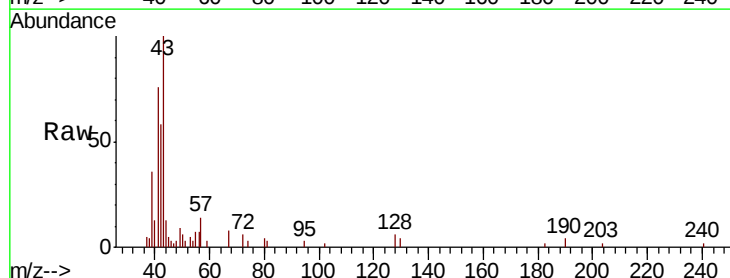
Tgt Ion: 42 Resp: 3713

Ion Ratio Lower Upper

42 100

72 40.2 32.0 48.0

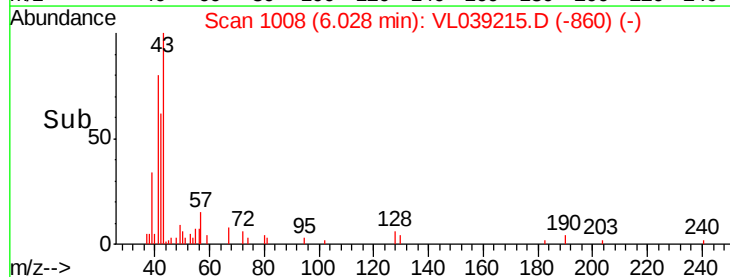
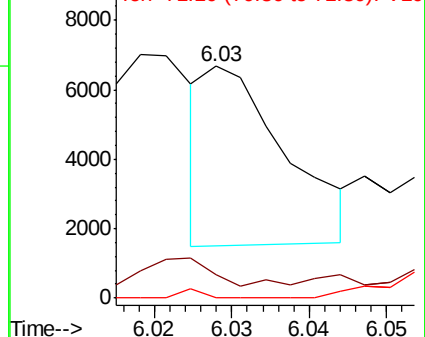
71 0.0 31.1 46.7#

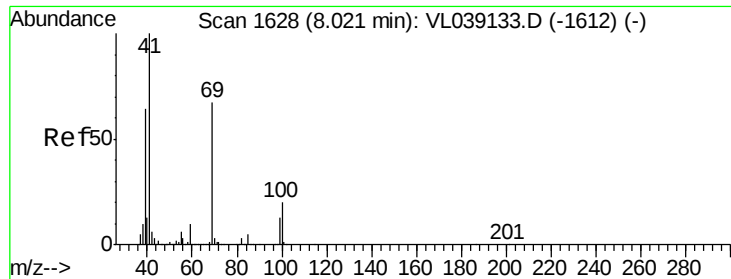


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#43

Methvl Methacrilate

Concen: 0.060 ppbv

RT: 8.01 min Scan# 1626

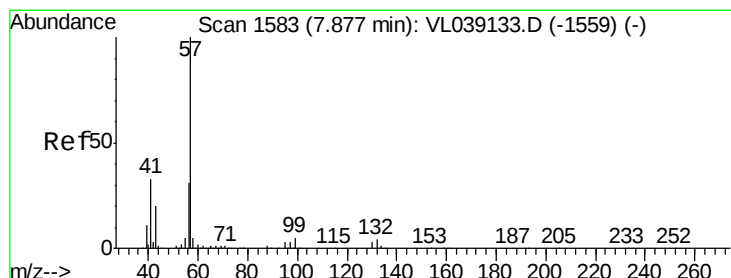
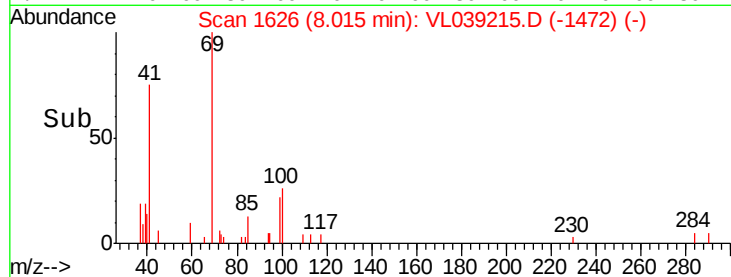
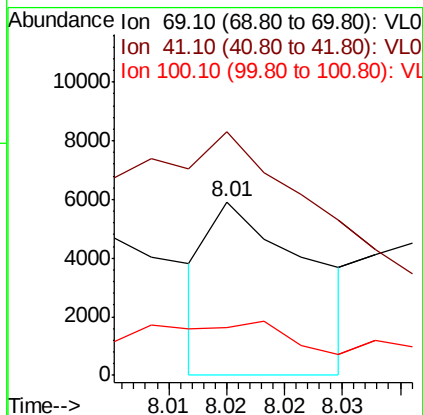
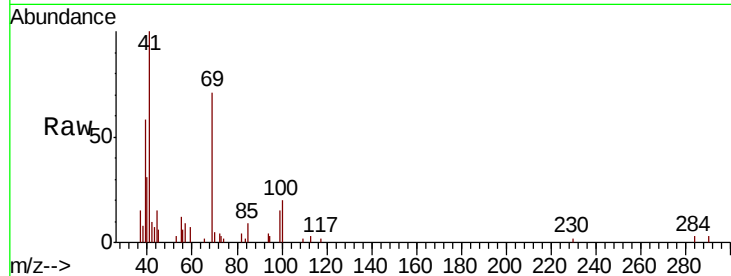
Delta R.T. -0.01 min

Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

Tot Ion: 69 Resp: 3525

Ion	Ratio	Lower	Upper
69	100		
41	589.9	121.9	182.9#
100	101.1	24.1	36.1#



#44

2,2,4-Trimethylpentane

Concen: 0.983 ppbv

RT: 7.87 min Scan# 1582

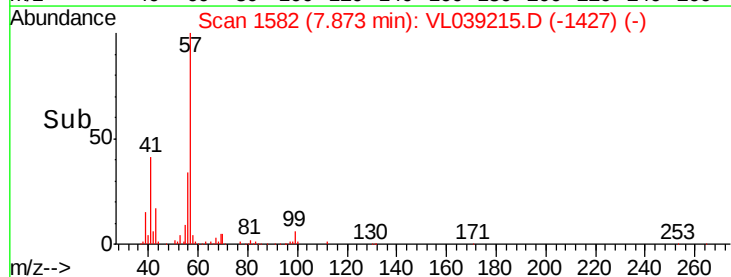
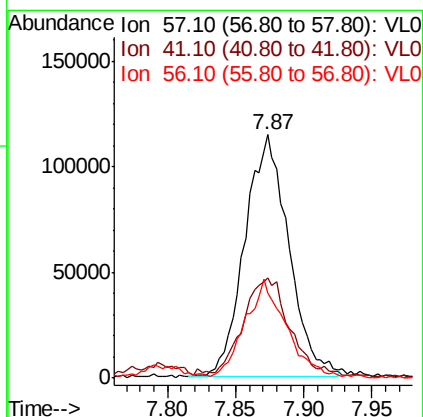
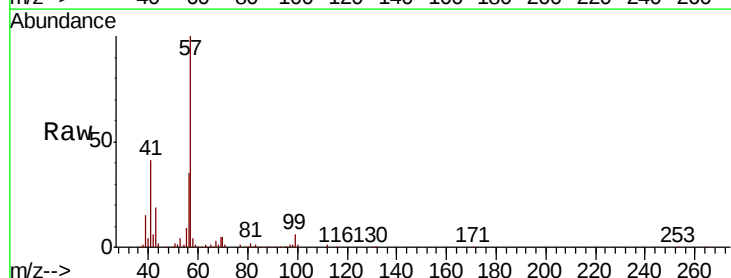
Delta R.T. -0.00 min

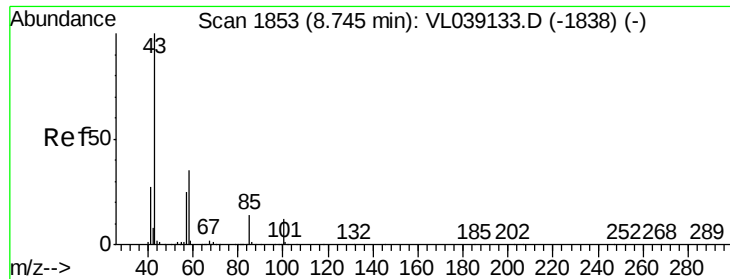
Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

Tgt Ion: 57 Resp: 257463

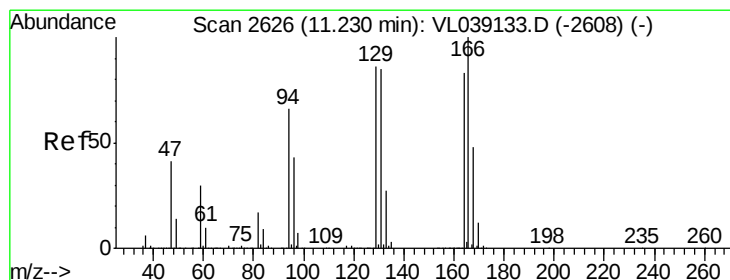
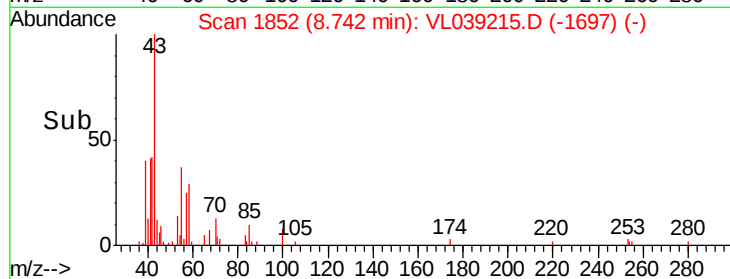
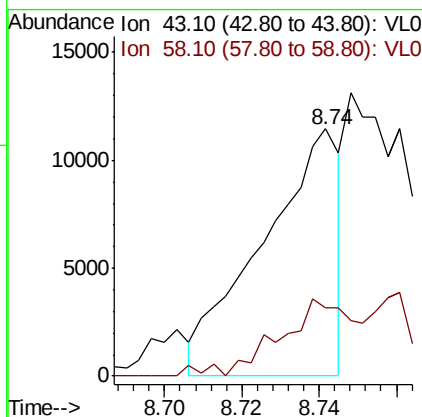
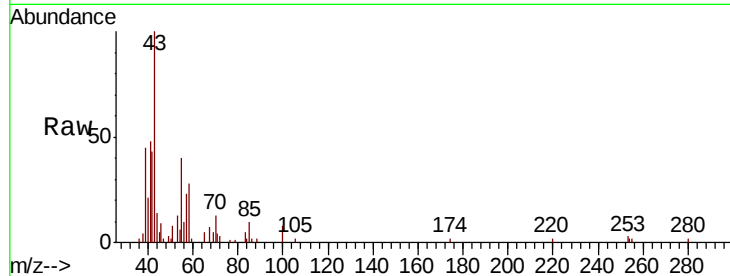
Ion	Ratio	Lower	Upper
57	100		
41	45.2	26.2	39.4#
56	38.7	24.7	37.1#





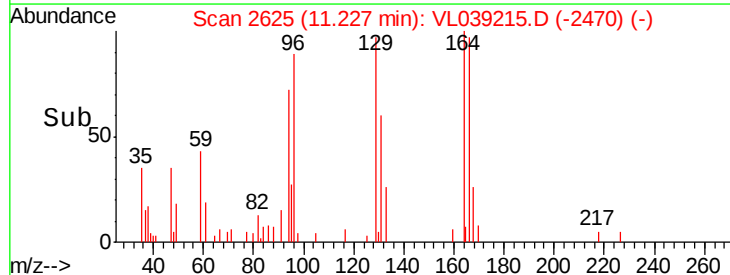
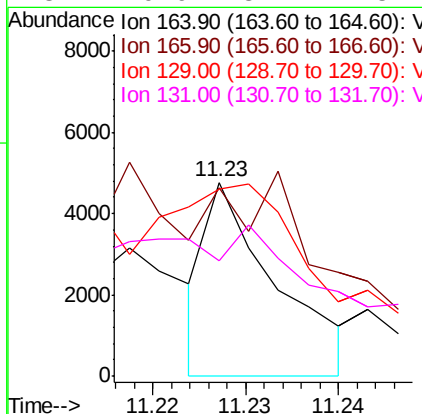
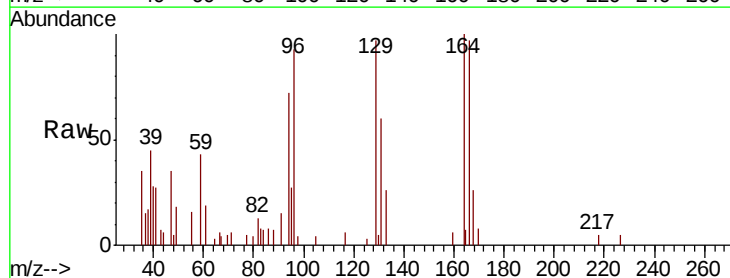
#50
4-Methyl-2-Pentanone
Concen: 0.106 ppbv
RT: 8.74 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VL039215.D
Acq: 7 Jun 2022 18:54

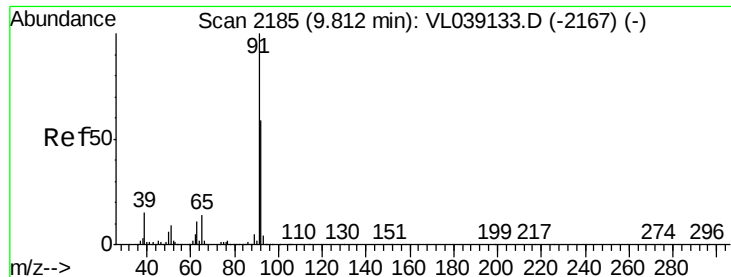
Tot Ion: 43 Resp: 15876
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1#



#52
Tetrachloroethene
Concen: 0.043 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.00 min
Lab File: VL039215.D
Acq: 7 Jun 2022 18:54

Tgt Ion: 164 Resp: 2498
Ion Ratio Lower Upper
164 100
166 53.5 96.3 144.5#
129 72.7 82.5 123.7#
131 19.9 82.1 123.1#





#53

Toluene

Concen: 5.490 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL039215.D

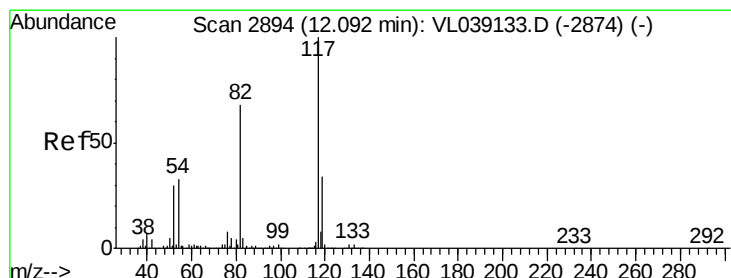
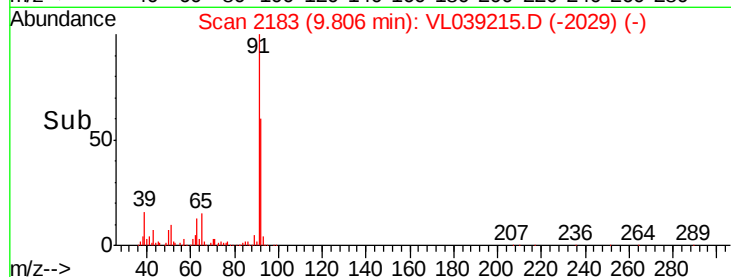
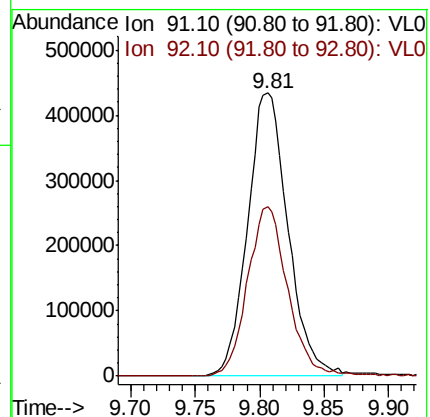
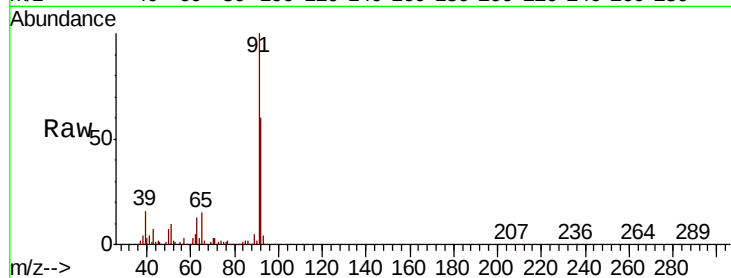
Acq: 7 Jun 2022 18:54

Tot Ion: 91 Resp: 946729

Ion Ratio Lower Upper

91 100

92 59.4 48.1 72.1



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. -0.01 min

Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

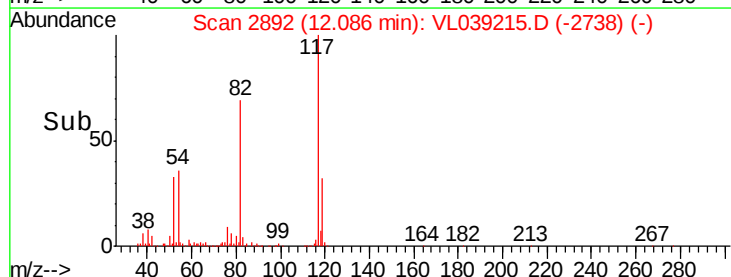
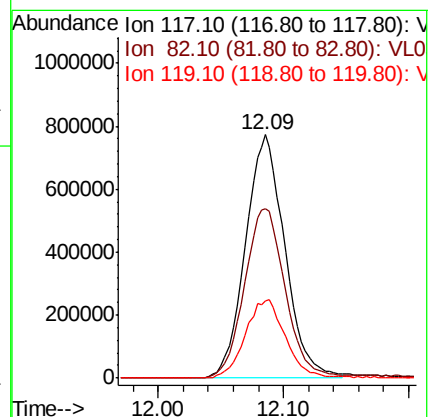
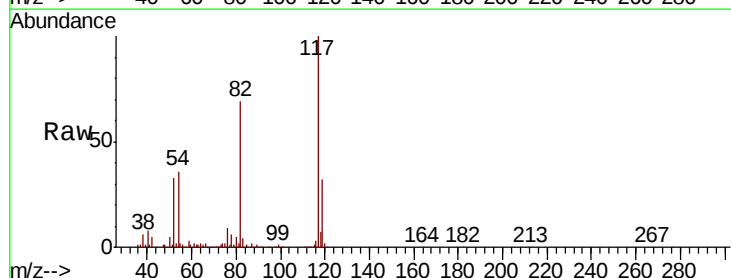
Tgt Ion: 117 Resp: 1687583

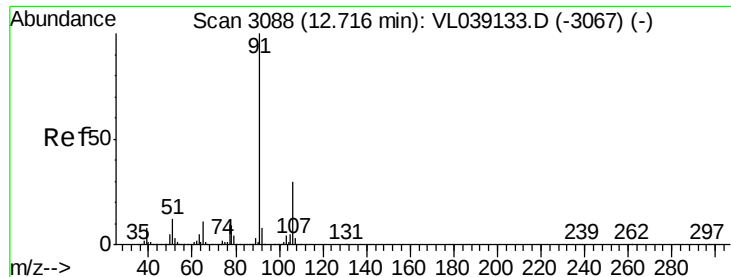
Ion Ratio Lower Upper

117 100

82 74.0 55.1 82.7

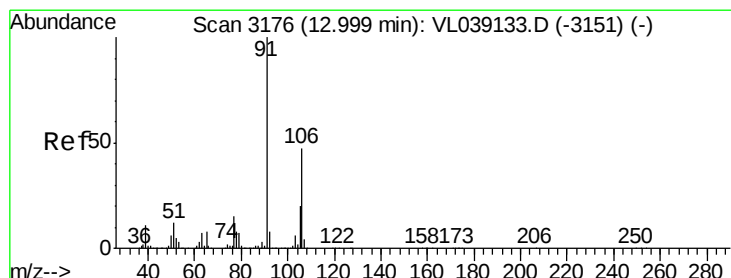
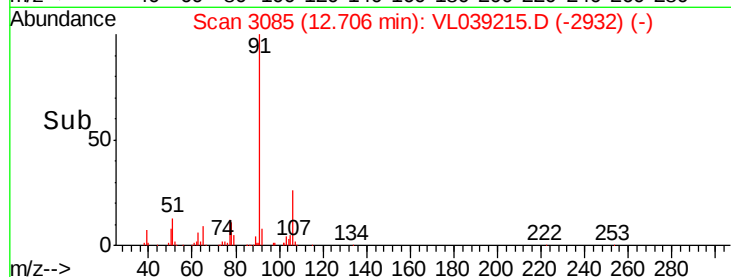
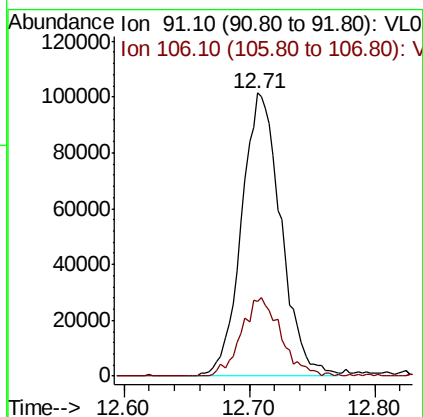
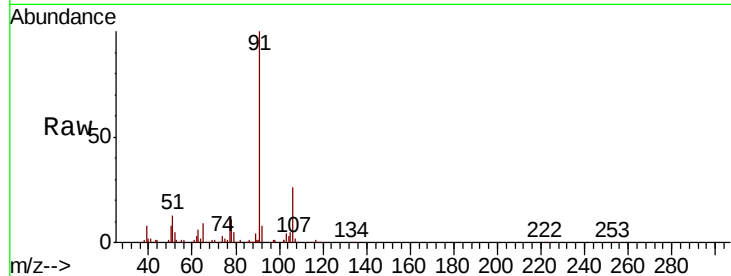
119 33.3 24.7 37.1





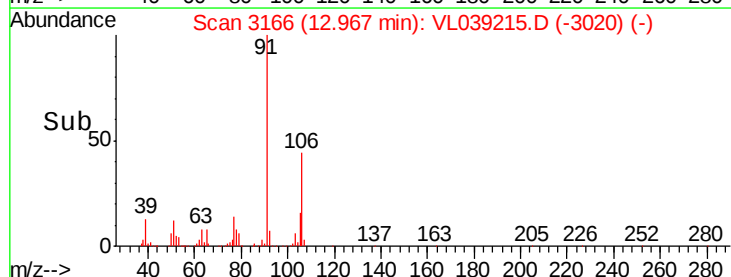
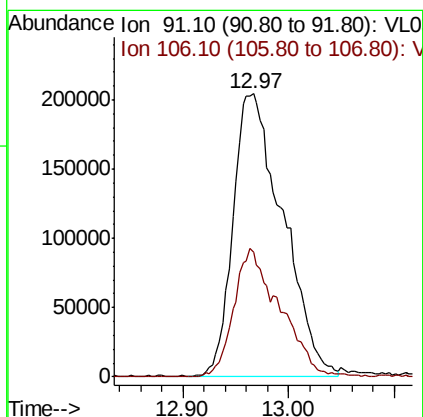
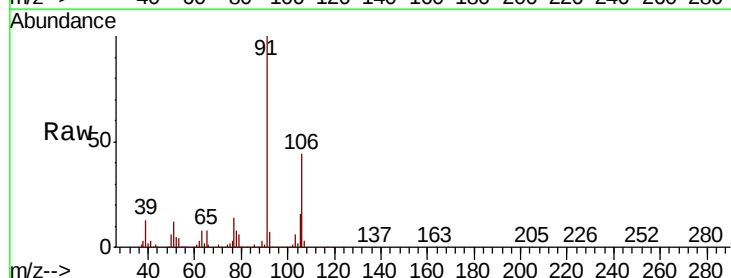
#58
Ethyl Benzene
Concen: 0.952 ppbv
RT: 12.71 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL039215.D
Acq: 7 Jun 2022 18:54

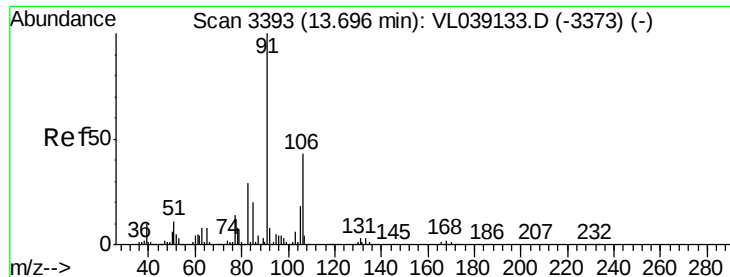
Tot Ion: 91 Resp: 221386
Ion Ratio Lower Upper
91 100
106 26.3 24.2 36.4



#59
m/p-Xylene
Concen: 3.256 ppbv
RT: 12.97 min Scan# 3166
Delta R.T. -0.03 min
Lab File: VL039215.D
Acq: 7 Jun 2022 18:54

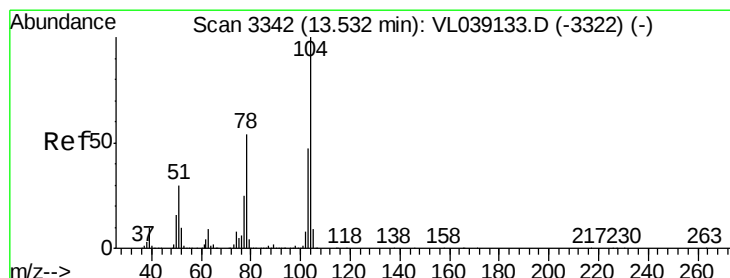
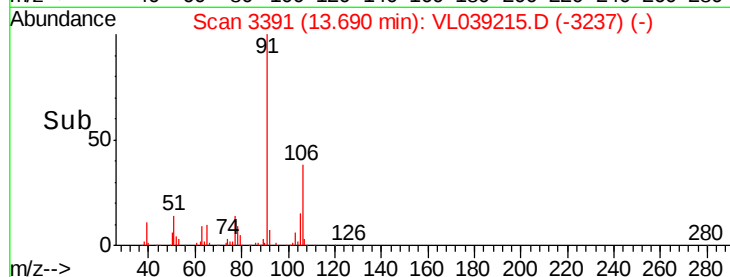
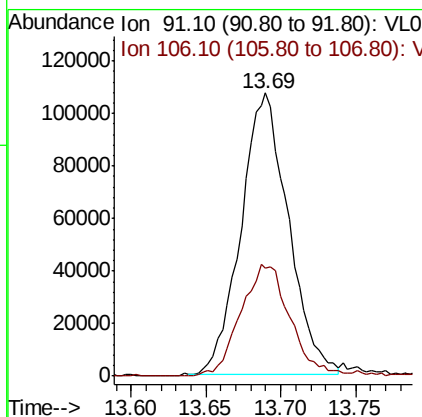
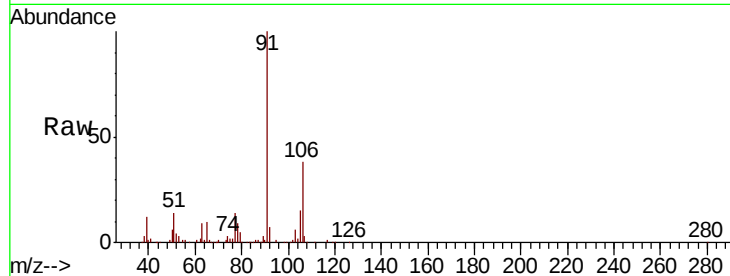
Tgt Ion: 91 Resp: 666582
Ion Ratio Lower Upper
91 100
106 42.2 34.3 51.5





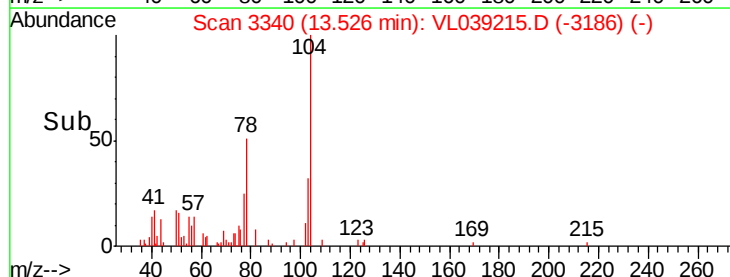
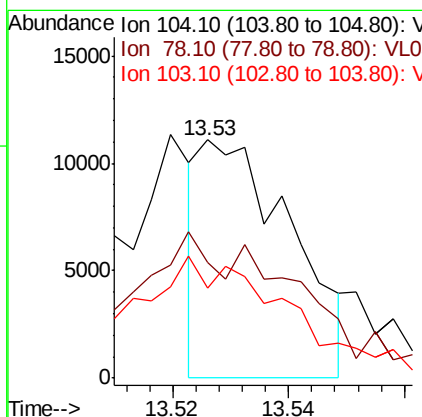
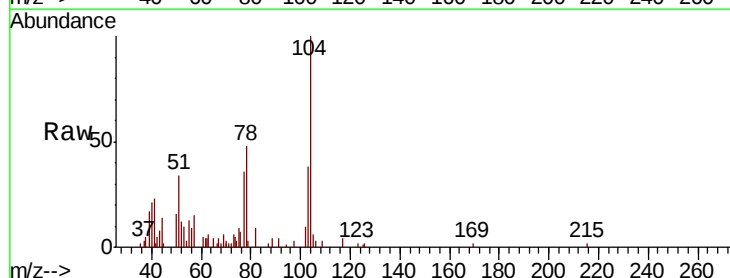
#60
o-Xylene
Concen: 1.221 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL039215.D
Acq: 7 Jun 2022 18:54

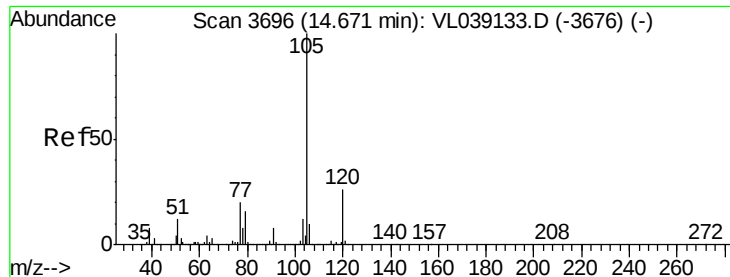
Tot Ion: 91 Resp: 234797
Ion Ratio Lower Upper
91 100
106 42.5 22.3 66.9



#61
Styrene
Concen: 0.117 ppbv
RT: 13.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL039215.D
Acq: 7 Jun 2022 18:54

Tgt Ion: 104 Resp: 12064
Ion Ratio Lower Upper
104 100
78 134.1 45.7 68.5#
103 107.1 39.6 59.4#





#62

Isopropylbenzene

Concen: 0.050 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. -0.01 min

Lab File: VL039215.D

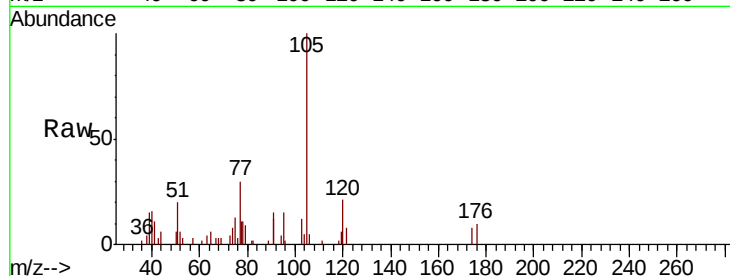
Acq: 7 Jun 2022 18:54

Tot Ion:105 Resp: 14335

Ion Ratio Lower Upper

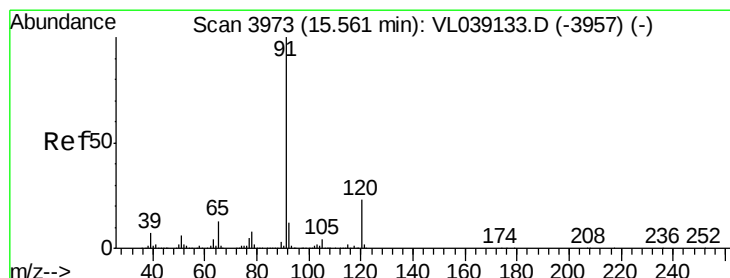
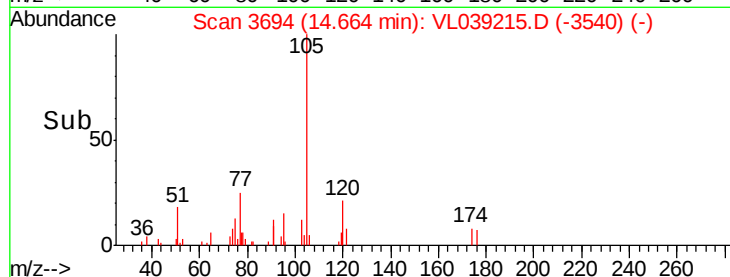
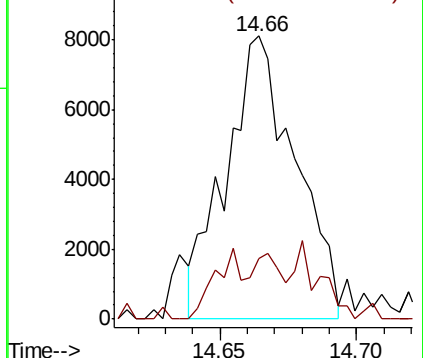
105 100

120 0.0 20.3 30.5#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 0.052 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. -0.00 min

Lab File: VL039215.D

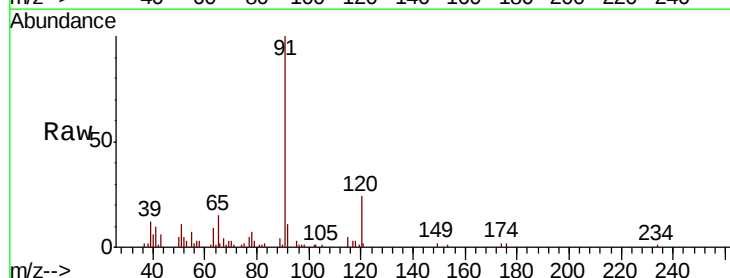
Acq: 7 Jun 2022 18:54

Tgt Ion:120 Resp: 3644

Ion Ratio Lower Upper

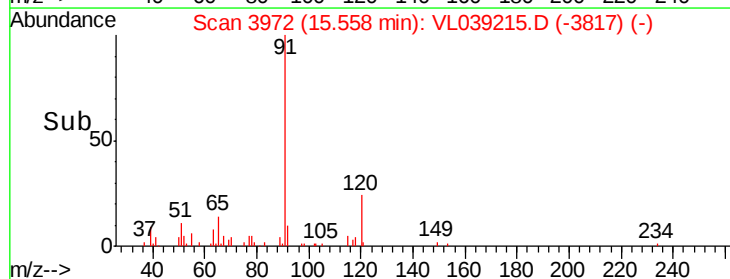
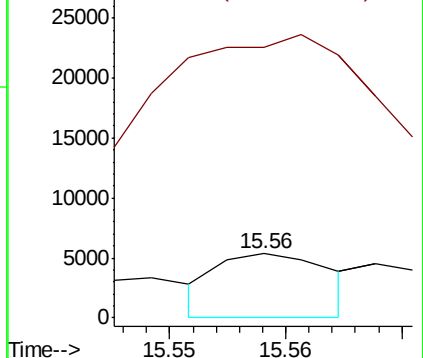
120 100

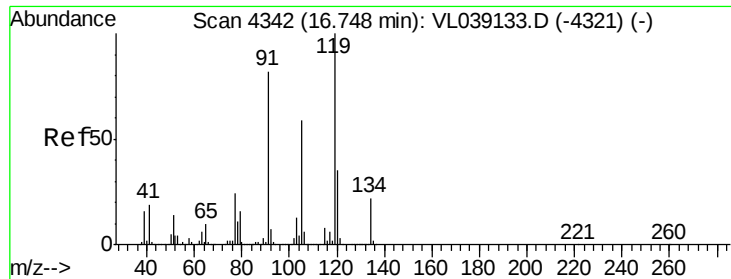
91 1551.1 388.4 582.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 0.038 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. 0.00 min

Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

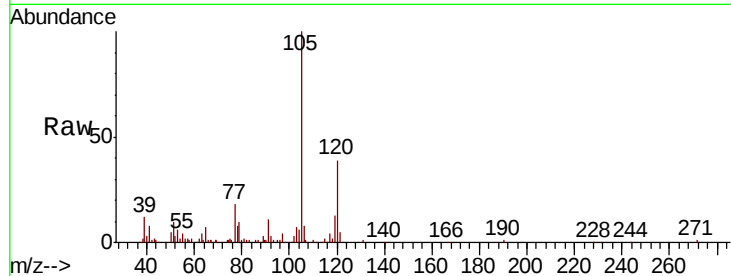
Tot Ion: 119 Resp: 10017

Ion Ratio Lower Upper

119 100

91 0.0 67.1 100.7#

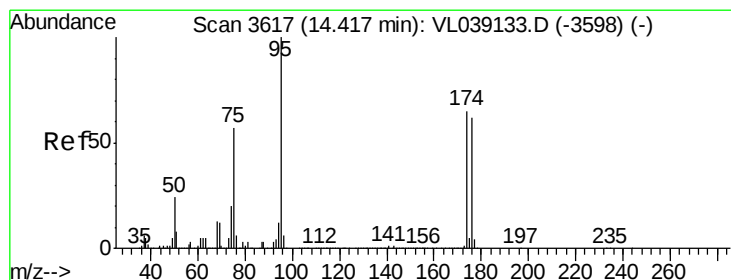
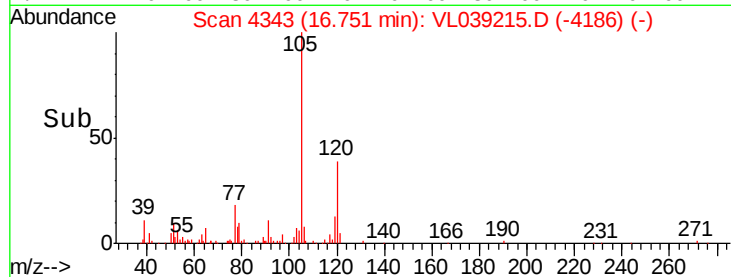
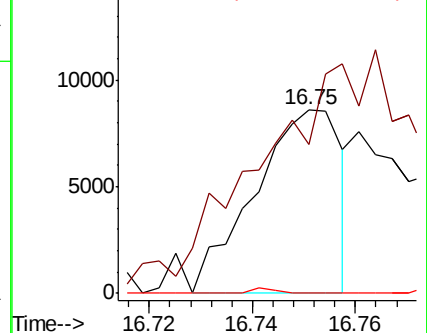
134 0.7 15.8 23.8#



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



#68

1-Bromo-4-Fluorobenzene

Concen: 10.849 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.00 min

Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

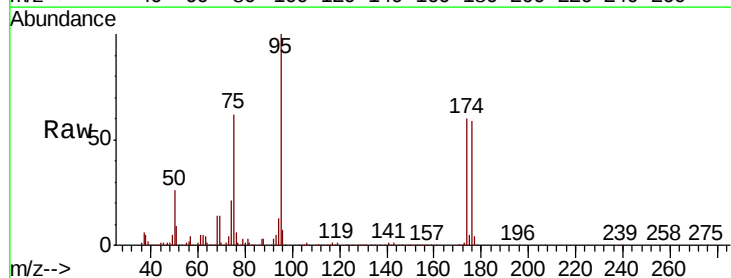
Tgt Ion: 95 Resp: 1513584

Ion Ratio Lower Upper

95 100

174 61.3 53.8 80.8

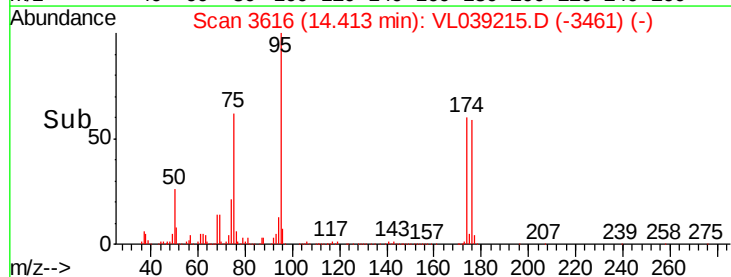
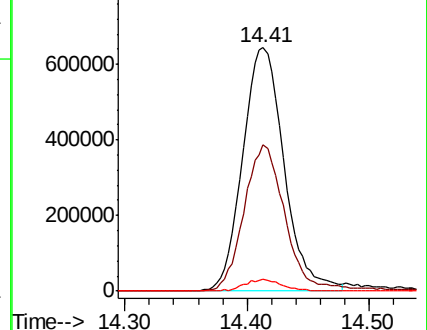
175 4.5 4.1 6.1

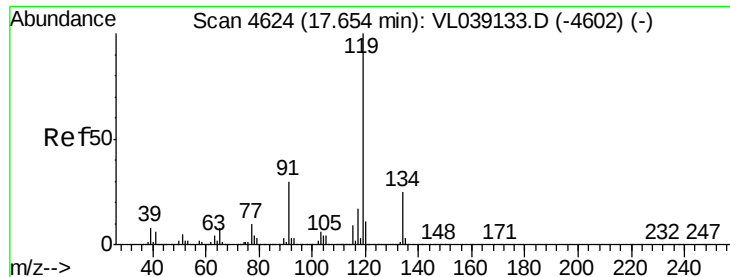


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#69

p-Isopropyltoluene

Concen: 0.081 ppbv

RT: 17.65 min Scan# 4622

Delta R.T. -0.01 min

Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

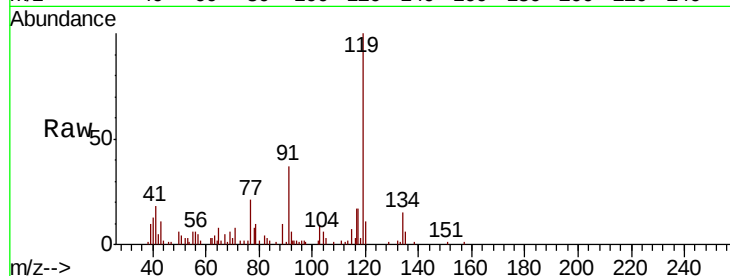
Tot Ion:119 Resp: 24241

Ion Ratio Lower Upper

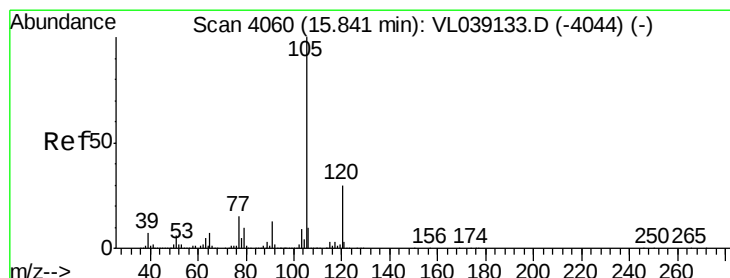
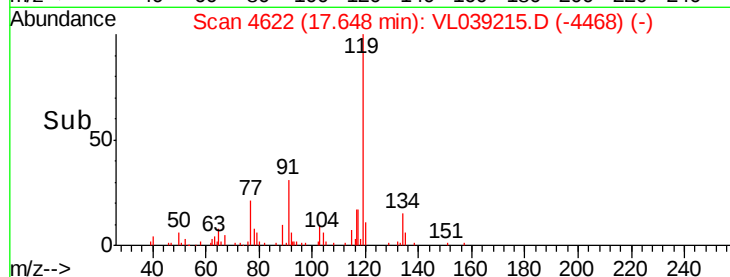
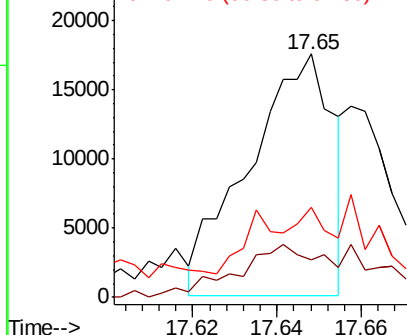
119 100

134 0.0 20.4 30.6#

91 0.0 24.2 36.4#



Abundance Ion 119.10 (118.80 to 119.80): V
Ion 134.20 (133.90 to 134.90): V
Ion 91.10 (90.80 to 91.80): V



#72

4-Ethyltoluene

Concen: 0.271 ppbv

RT: 15.83 min Scan# 4058

Delta R.T. -0.01 min

Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

Tgt Ion:105 Resp: 61107

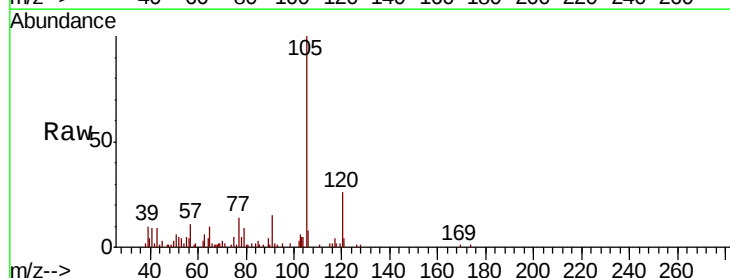
Ion Ratio Lower Upper

105 100

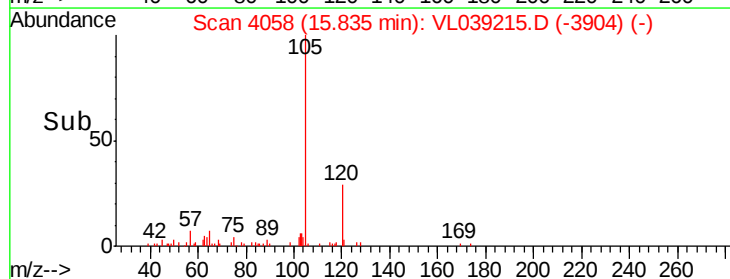
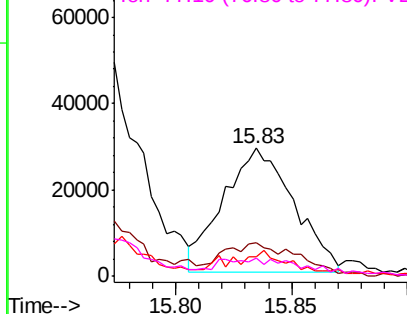
120 27.4 23.9 35.9

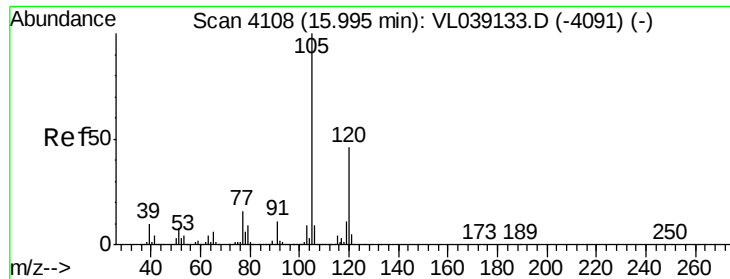
91 18.6 10.6 16.0#

77 19.0 11.7 17.5#



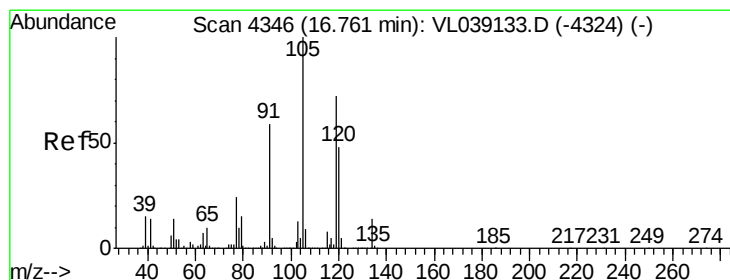
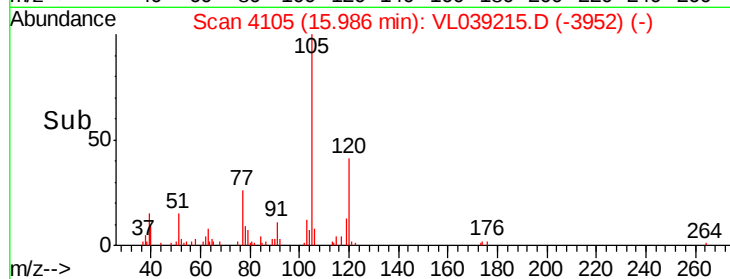
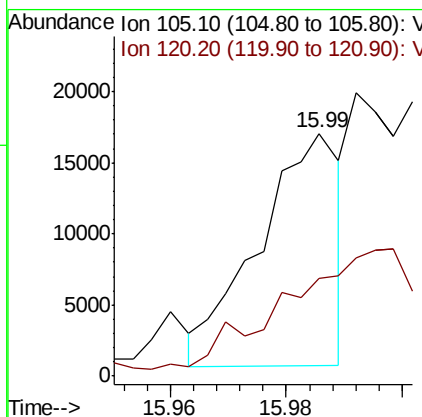
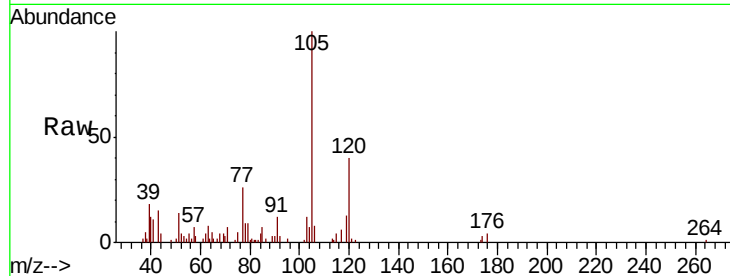
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): V
Ion 77.10 (76.80 to 77.80): V





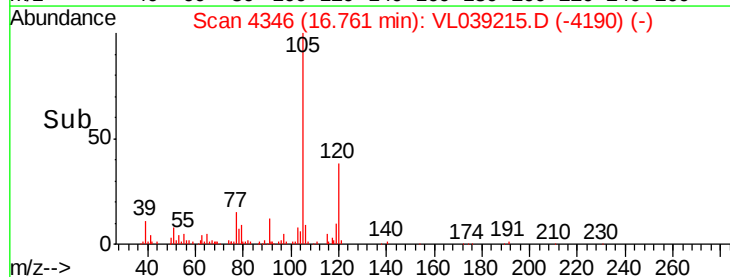
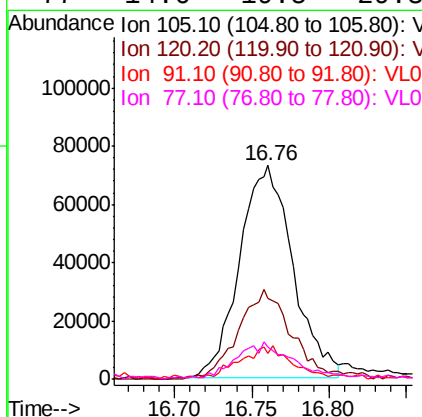
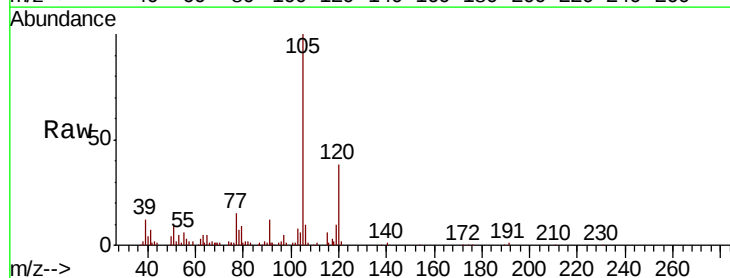
#73
 1,3,5-Trimethylbenzene
 Concen: 0.079 ppbv
 RT: 15.99 min Scan# 4105
 Delta R.T. -0.01 min
 Lab File: VL039215.D
 Acq: 7 Jun 2022 18:54

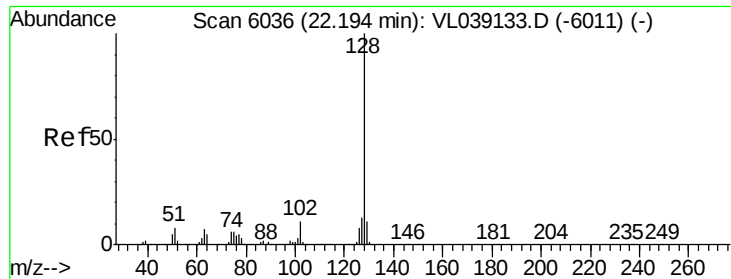
Tot Ion:105 Resp: 16011
 Ion Ratio Lower Upper
 105 100
 120 43.9 36.7 55.1



#74
 1,2,4-Trimethylbenzene
 Concen: 0.773 ppbv
 RT: 16.76 min Scan# 4346
 Delta R.T. 0.00 min
 Lab File: VL039215.D
 Acq: 7 Jun 2022 18:54

Tgt Ion:105 Resp: 175379
 Ion Ratio Lower Upper
 105 100
 120 36.5 38.1 57.1#
 91 11.1 47.4 71.0#
 77 14.6 19.5 29.3#





#79

Naphthalene

Concen: 0.038 ppbv

RT: 22.18 min Scan# 6033

Delta R.T. -0.01 min

Lab File: VL039215.D

Acq: 7 Jun 2022 18:54

Tot Ion:128 Resp: 6565

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 18.4 9.0 13.6#

