

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036153.D
 Acq On : 11 Dec 2020 7:21
 Operator : SY/AP
 Sample : L5005-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 11 12:11:52 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	5.65	49	1327853	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2540379	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2299495	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2010728	11.01	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.03	85	4391	0.028 ppbv	93
5) Vinyl Chloride	3.29	62	66	0.001 ppbv #	44
6) Bromomethane	3.75	94	160	0.004 ppbv #	45
7) Chloroethane	3.54	64	220	0.008 ppbv #	40
8) Dichlorotetrafluoroethane	3.17	85	252	0.001 ppbv #	52
10) Heptane	8.10	43	400	0.002 ppbv #	29
11) Trichlorofluoromethane	3.93	101	881	0.005 ppbv #	60
12) 1,1,2-Trichlorotrifluoroet	4.46	101	166	0.001 ppbv #	12
13) Ethanol	3.58	45	553166m	52.872 ppbv	
14) Bromoethene	3.73	108	111	0.002 ppbv #	1
15) Acetone	3.84	43	147939m	0.927 ppbv	
16) 1,3-Butadiene	3.30	39	636	0.008 ppbv	99
17) tert-Butyl alcohol	4.28	59	168	0.001 ppbv #	71
18) 1,1-Dichloroethene	4.28	96	207	0.004 ppbv #	1
20) Methylene Chloride	4.32	84	15015m	0.230 ppbv	
21) Allyl Chloride	4.38	41	41	0.000 ppbv #	18
22) trans-1,2-Dichloroethene	4.87	96	160	0.003 ppbv #	44
23) Vinyl Acetate	5.04	43	1520	0.007 ppbv #	77
24) 1,1-Dichloroethane	4.99	63	87	0.001 ppbv #	88
25) Ethyl Acetate	5.66	43	3423	0.011 ppbv #	52
26) Hexane	5.67	57	1784	0.012 ppbv #	1
27) Carbon Disulfide	4.53	76	565	0.004 ppbv #	1
28) Methyl tert-Butyl Ether	5.02	73	558	0.003 ppbv #	51
29) Chloroform	5.76	83	105	0.001 ppbv	97
30) Cyclohexane	7.10	84	111	0.001 ppbv #	1
31) cis-1,2-Dichloroethene	5.52	61	290	0.002 ppbv #	27
32) 1,1,1-Trichloroethane	6.49	97	44	0.000 ppbv #	1
34) 2-Butanone	5.22	43	2057	0.012 ppbv #	56
35) Carbon Tetrachloride	6.99	117	129	0.001 ppbv #	13
36) Benzene	6.87	78	677	0.003 ppbv #	73
37) 1,2-Dichloroethane	6.28	62	644	0.005 ppbv #	83
38) Trichloroethene	7.82	130	317	0.004 ppbv #	17
40) 1,4-Dioxane	7.79	88	34	0.001 ppbv #	1
41) Tetrahydrofuran	6.02	42	59	0.001 ppbv #	1
42) Bromodichloromethane	7.76	83	145	0.001 ppbv #	25
43) Methyl Methacrylate	8.00	69	81	0.001 ppbv #	1
44) 2,2,4-Trimethylpentane	7.84	57	537	0.001 ppbv #	41
45) t-1,3-Dichloropropene	9.21	75	68	0.001 ppbv #	42
46) cis-1,3-Dichloropropene	8.63	75	115	0.001 ppbv #	1
47) 1,1,2-Trichloroethane	9.44	97	33	0.000 ppbv #	25
48) Dibromochloromethane	10.29	129	108	0.001 ppbv	96

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Quant Time: Dec 11 12:11:52 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

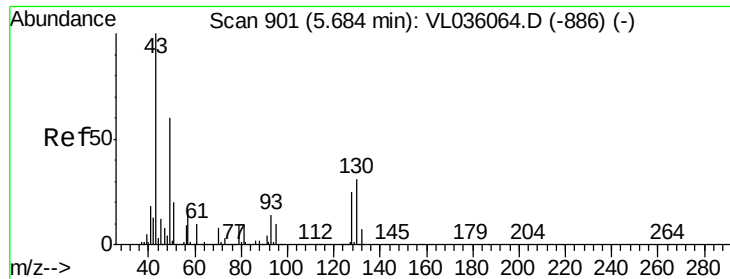
QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

49) Bromoform	13.01	173	41	0.000	ppbv #	1
50) 4-Methyl-2-Pentanone	8.71	43	169	0.001	ppbv #	40
51) 2-Hexanone	10.06	43	188	0.001	ppbv #	29
52) Tetrachloroethene	11.18	164	69	0.001	ppbv #	30
53) Toluene	9.81	91	689	0.003	ppbv	89
54) 1,2-Dibromoethane	10.77	107	38	0.000	ppbv	88
56) 1,1,1,2-Tetrachloroethane	12.11	131	84	0.001	ppbv #	8
57) Chlorobenzene	12.14	112	459	0.003	ppbv #	38
58) Ethyl Benzene	12.70	91	722	0.002	ppbv	89
59) m/p-Xylene	12.98	91	480	0.002	ppbv #	34
60) o-Xylene	13.65	91	235	0.001	ppbv	87
61) Styrene	13.51	104	175	0.001	ppbv #	30
62) Isopropylbenzene	14.43	105	710	0.002	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.66	83	402	0.002	ppbv #	7
64) n-propylbenzene	15.73	120	43	0.000	ppbv	96
65) tert-Butylbenzene	16.72	119	343	0.001	ppbv #	15
66) Benzyl Chloride	16.98	91	148	0.002	ppbv #	1
67) sec-Butylbenzene	17.28	105	283	0.001	ppbv #	3
69) p-Isopropyltoluene	17.62	119	169	0.001	ppbv #	46
70) n-Butylbenzene	18.52	91	164	0.000	ppbv #	1
71) 2-Chlorotoluene	15.43	91	301	0.001	ppbv #	46
72) 4-Ethyltoluene	15.82	105	165	0.001	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.98	105	295	0.001	ppbv #	69
74) 1,2,4-Trimethylbenzene	16.73	105	281	0.001	ppbv #	41
75) 1,3-Dichlorobenzene	16.97	146	312	0.002	ppbv #	1
76) 1,4-Dichlorobenzene	17.12	146	171	0.001	ppbv #	1
77) 1,2-Dichlorobenzene	17.81	146	280	0.002	ppbv #	1
78) Hexachloro-1,3-Butadiene	23.36	225	221	0.002	ppbv #	57
79) Naphthalene	22.19	128	42	0.000	ppbv #	1
80) Naphthalene,2-methyl-	24.91	142	81	0.003	ppbv #	23
81) 1,2,4-Trichlorobenzene	21.92	180	173	0.002	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.04 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

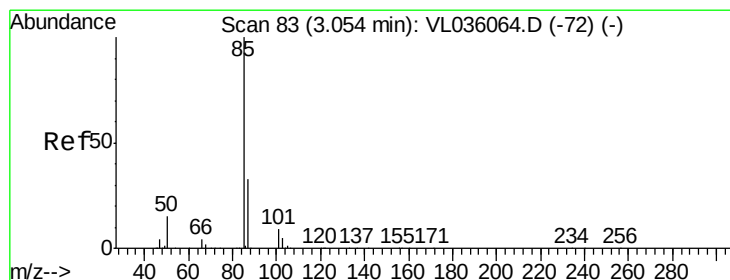
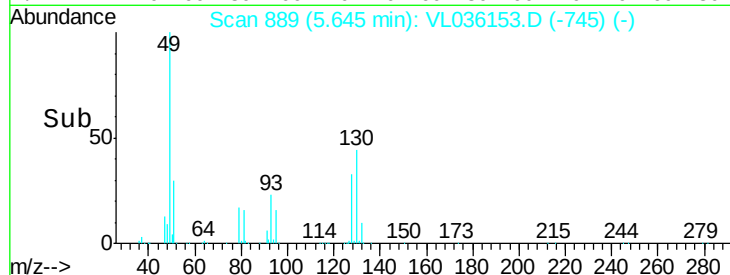
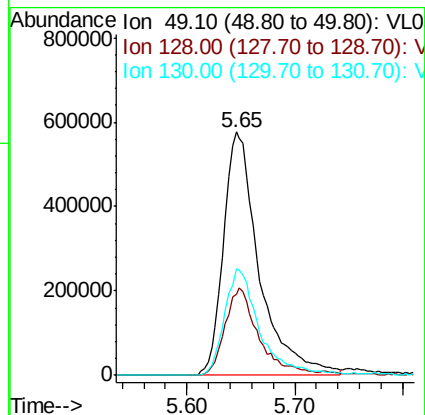
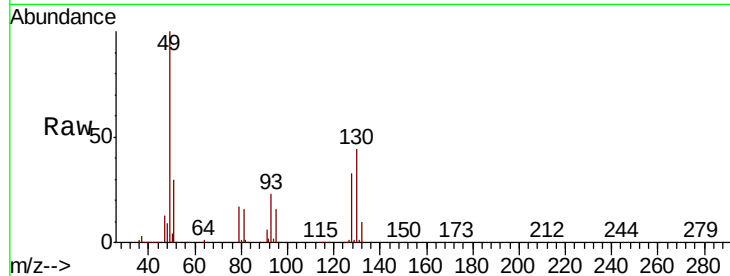
Tot Ion: 49 Resp: 1327853

Ion Ratio Lower Upper

49 100

128 35.5 21.1 63.1

130 44.3 27.1 81.3



#2

Dichlorodifluoromethane

Concen: 0.028 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.02 min

Lab File: VL036153.D

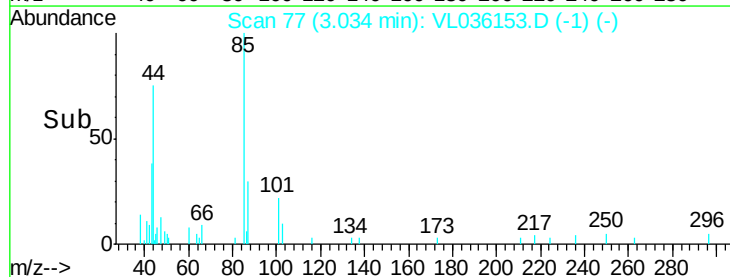
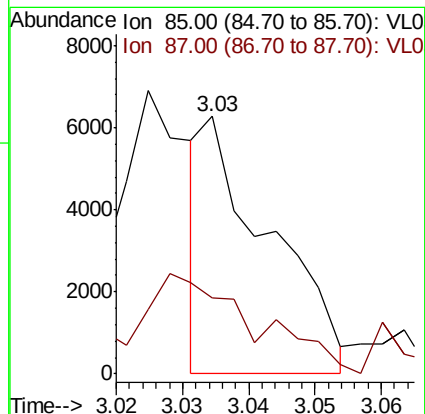
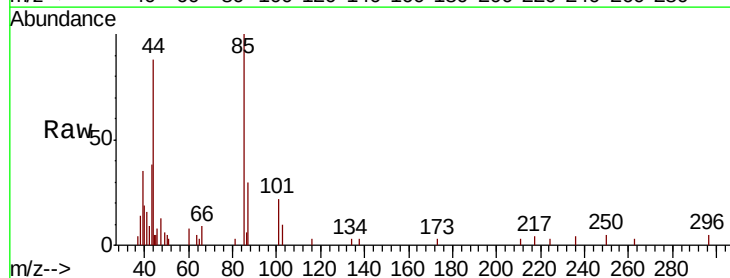
Acq: 11 Dec 2020 7:21

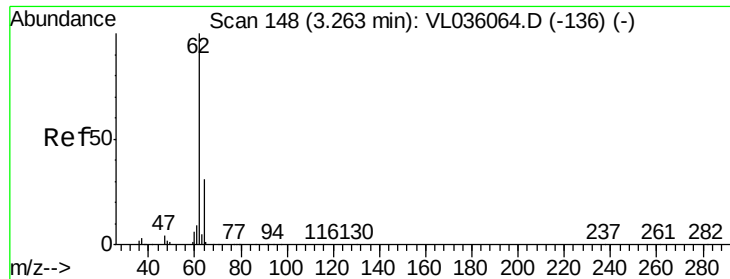
Tgt Ion: 85 Resp: 4391

Ion Ratio Lower Upper

85 100

87 29.4 26.5 39.7





#5

Vinyl Chloride

Concen: 0.001 ppbv

RT: 3.29 min Scan# 157

Delta R.T. 0.03 min

Lab File: VL036153.D

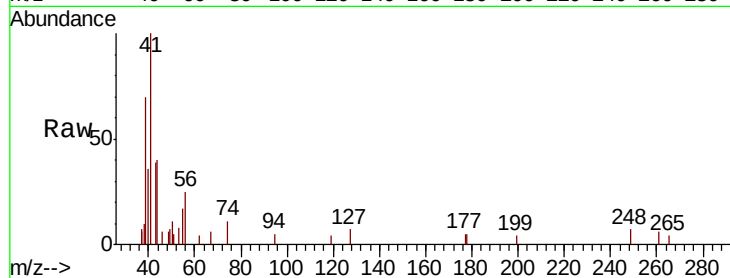
Acq: 11 Dec 2020 7:21

Tot Ion: 62 Resp: 66

Ion Ratio Lower Upper

62 100

64 0.0 24.5 36.7#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.29

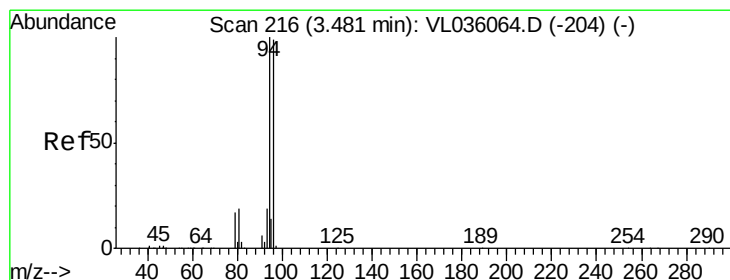
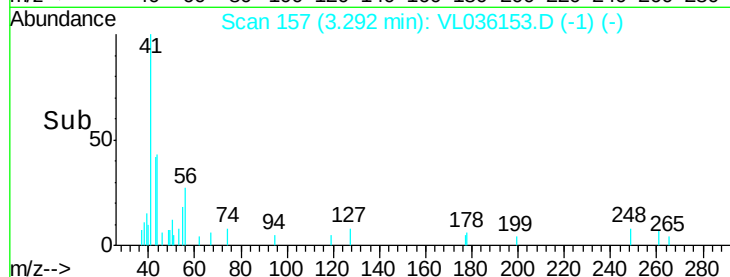
150

100

50

0

Time-->



#6

Bromomethane

Concen: 0.004 ppbv

RT: 3.75 min Scan# 300

Delta R.T. 0.27 min

Lab File: VL036153.D

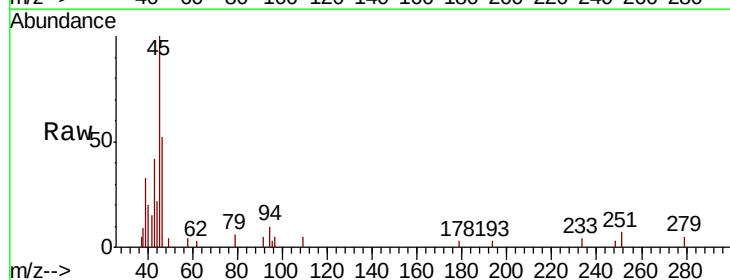
Acq: 11 Dec 2020 7:21

Tgt Ion: 94 Resp: 160

Ion Ratio Lower Upper

94 100

96 44.8 79.4 119.0#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.75

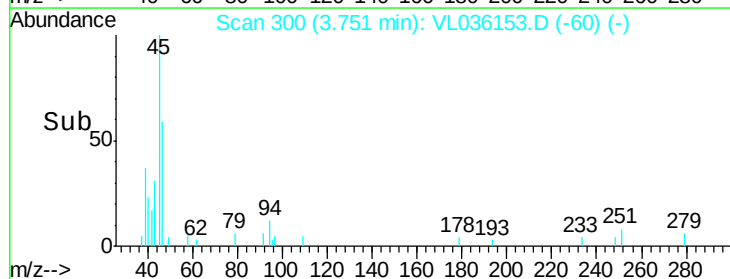
600

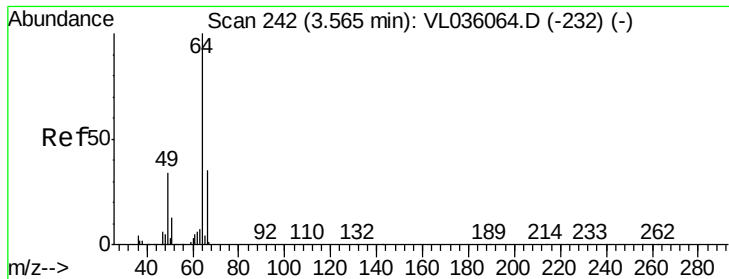
400

200

0

Time-->





#7

Chloroethane

Concen: 0.008 ppbv

RT: 3.54 min Scan# 233

Delta R.T. -0.03 min

Lab File: VL036153.D

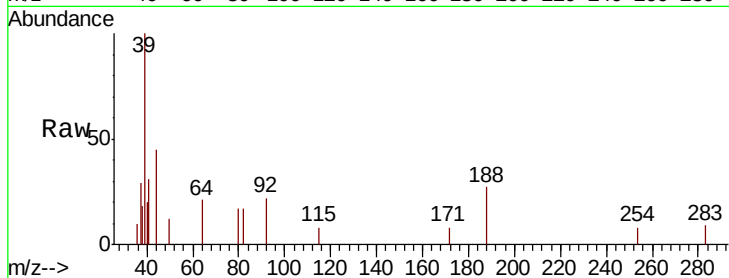
Acq: 11 Dec 2020 7:21

Tot Ion: 64 Resp: 220

Ion Ratio Lower Upper

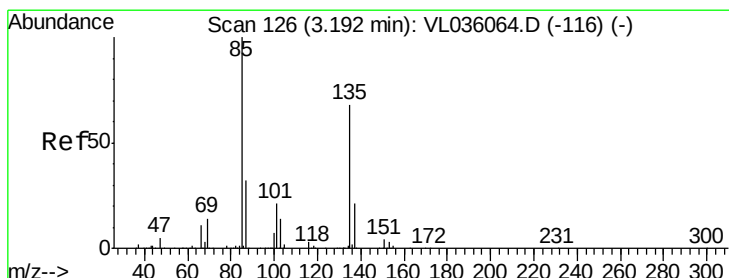
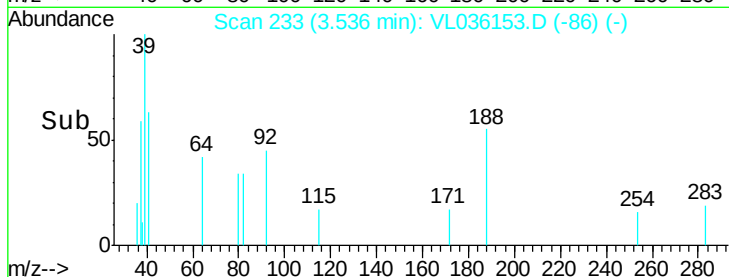
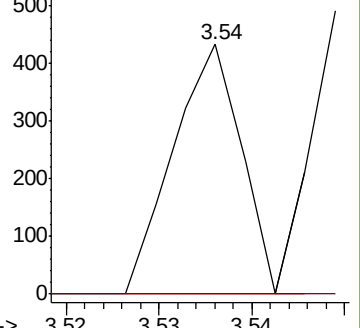
64 100

66 0.0 27.7 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.001 ppbv

RT: 3.17 min Scan# 119

Delta R.T. -0.02 min

Lab File: VL036153.D

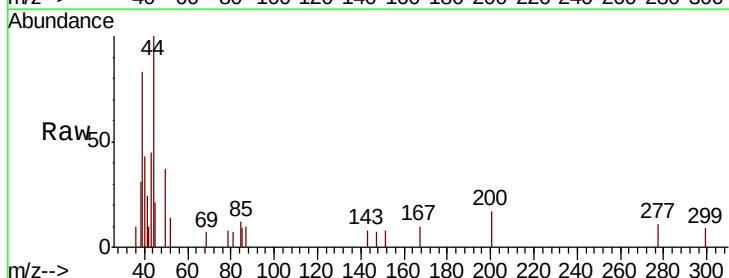
Acq: 11 Dec 2020 7:21

Tgt Ion: 85 Resp: 252

Ion Ratio Lower Upper

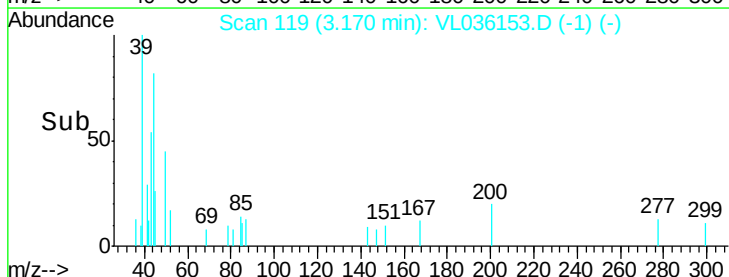
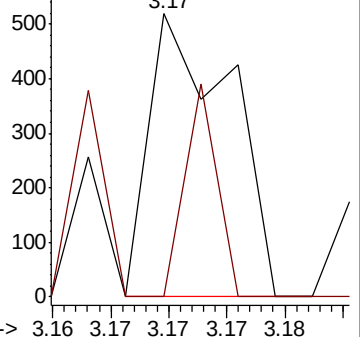
85 100

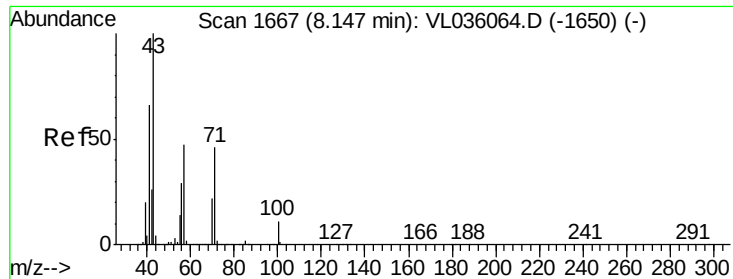
135 106.0 53.8 80.8#



Abundance Ion 85.00 (84.70 to 85.70): VL0

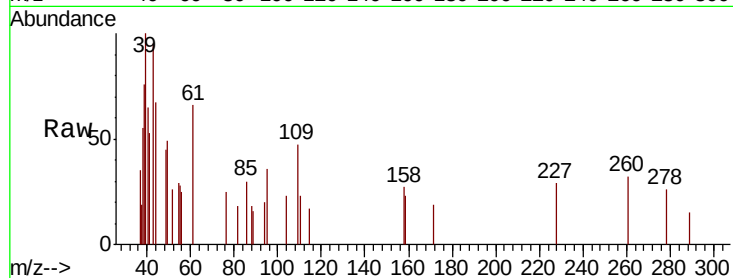
Ion 135.00 (134.70 to 135.70): VL0



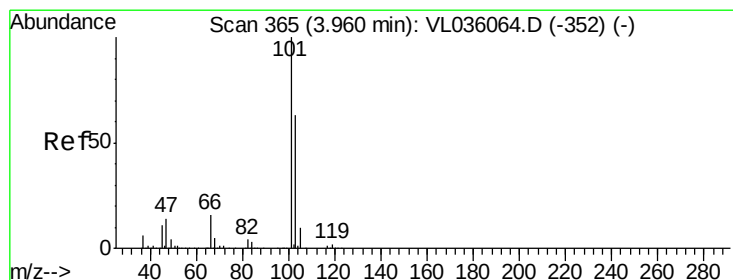
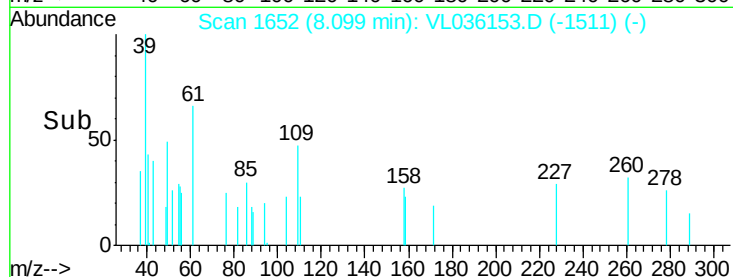
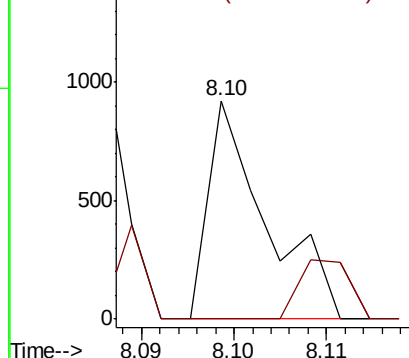


#10
Heptane
Concen: 0.002 ppbv
RT: 8.10 min Scan# 1652
Delta R.T. -0.05 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

Tot Ion: 43 Resp: 400
Ion Ratio Lower Upper
43 100
57 0.0 37.9 56.9#

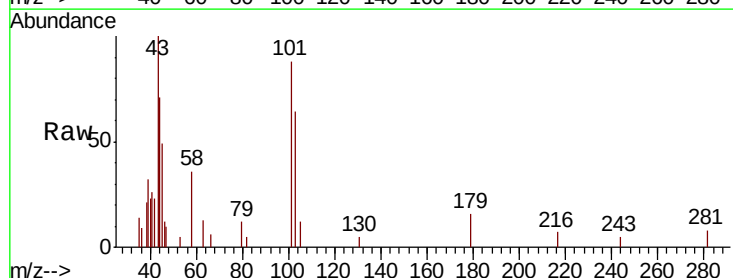


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0

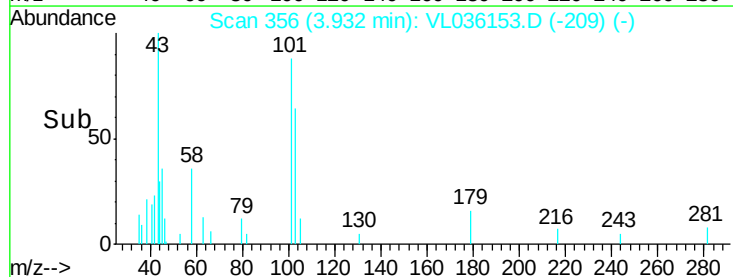
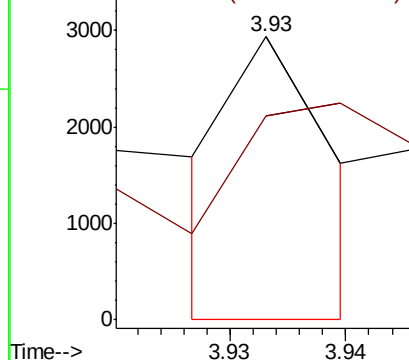


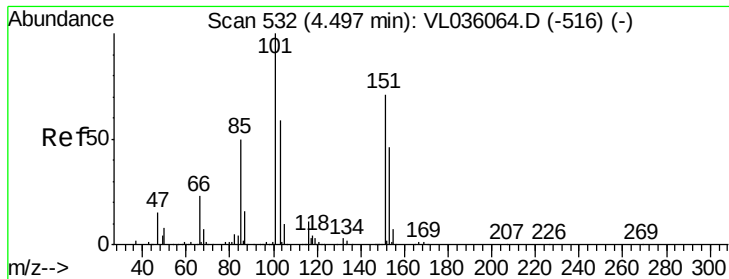
#11
Trichlorofluoromethane
Concen: 0.005 ppbv
RT: 3.93 min Scan# 356
Delta R.T. -0.03 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

Tgt Ion: 101 Resp: 881
Ion Ratio Lower Upper
101 100
103 93.8 50.3 75.5#



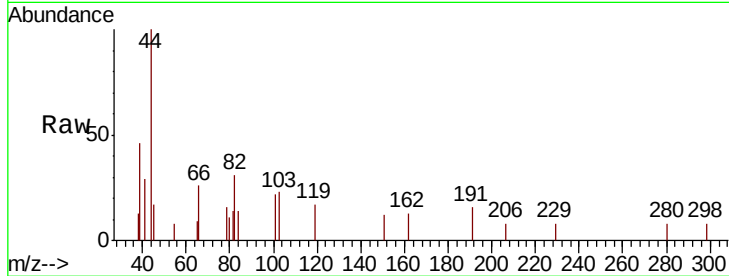
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



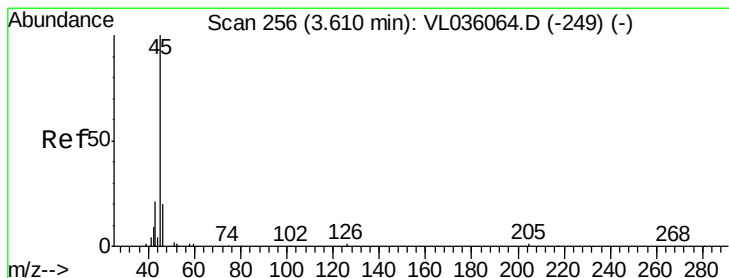
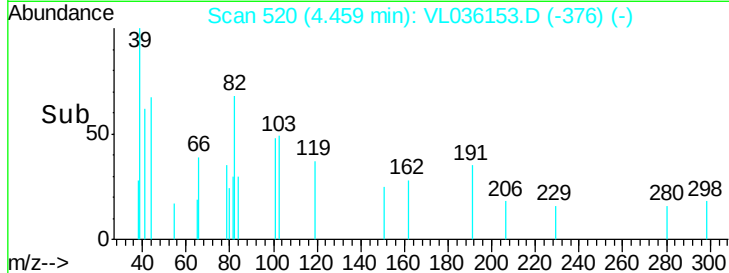
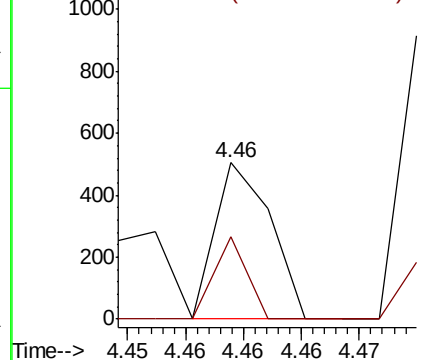


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.001 ppbv
 RT: 4.46 min Scan# 520
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Tot Ion: 101 Resp: 166
 Ion Ratio Lower Upper
 101 100
 151 0.0 59.3 88.9#

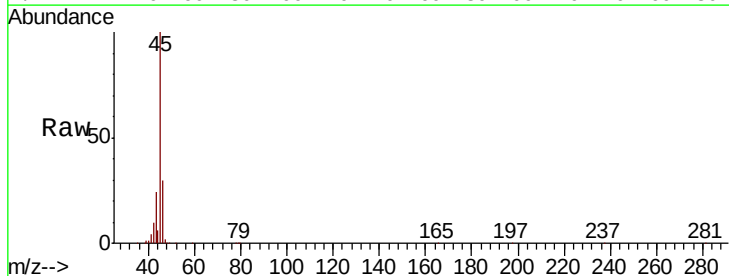


Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 151.00 (150.70 to 151.70): V

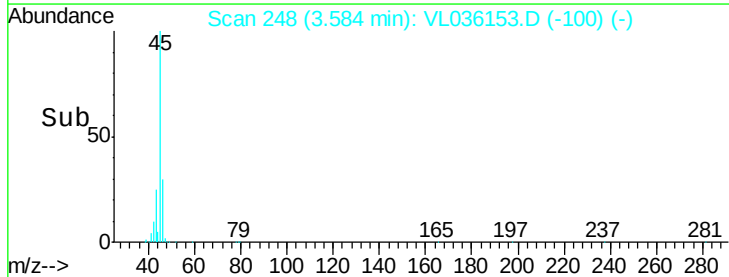
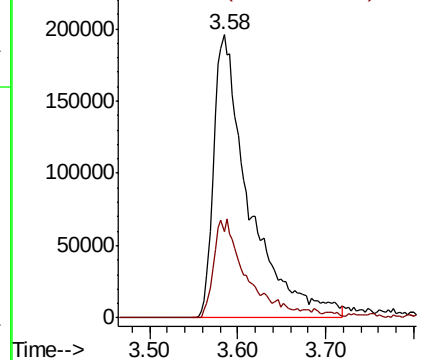


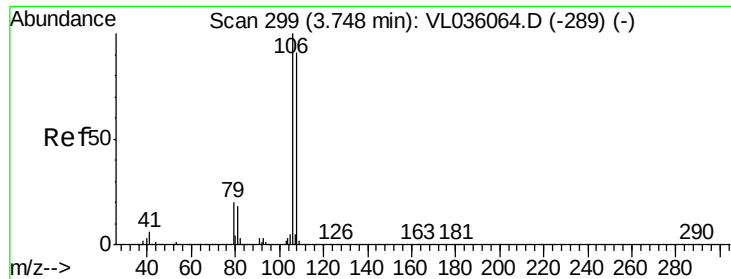
#13
 Ethanol
 Concen: 52.872 ppbv m
 RT: 3.58 min Scan# 248
 Delta R.T. -0.03 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Tgt Ion: 45 Resp: 553166
 Ion Ratio Lower Upper
 45 100
 46 34.9 19.0 75.8



Abundance Ion 45.10 (44.80 to 45.80): VL0
 Ion 46.10 (45.80 to 46.80): VL0





#14

Bromoethene

Concen: 0.002 ppbv

RT: 3.73 min Scan# 293

Delta R.T. -0.02 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

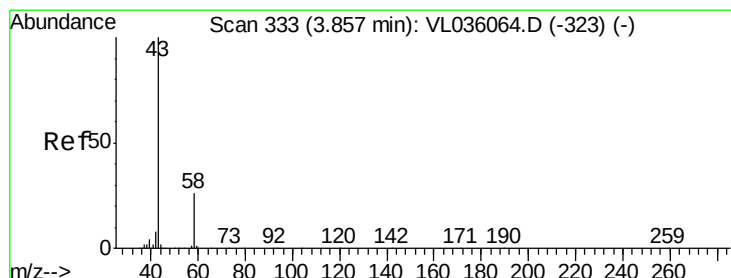
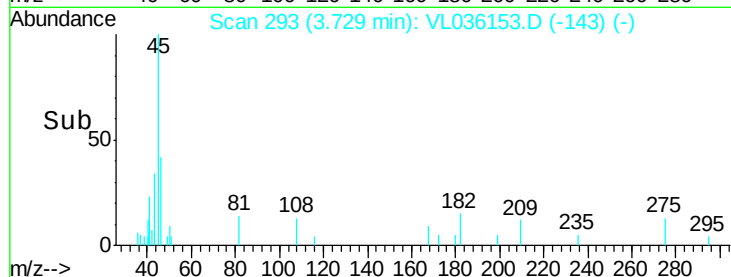
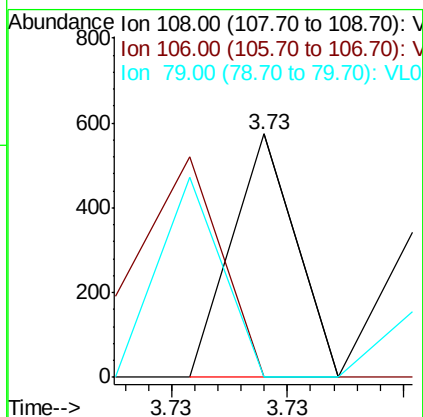
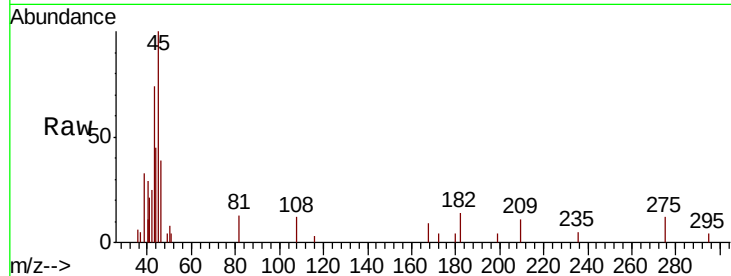
Tot Ion:108 Resp: 111

Ion Ratio Lower Upper

108 100

106 222.5 91.0 136.4#

79 365.8 19.3 28.9#



#15

Acetone

Concen: 0.927 ppbv m

RT: 3.84 min Scan# 327

Delta R.T. -0.02 min

Lab File: VL036153.D

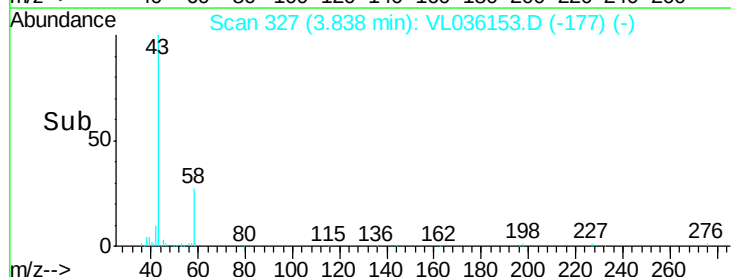
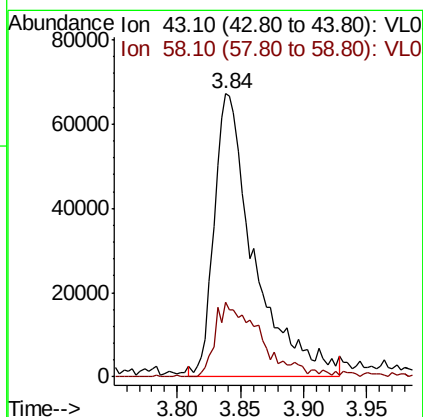
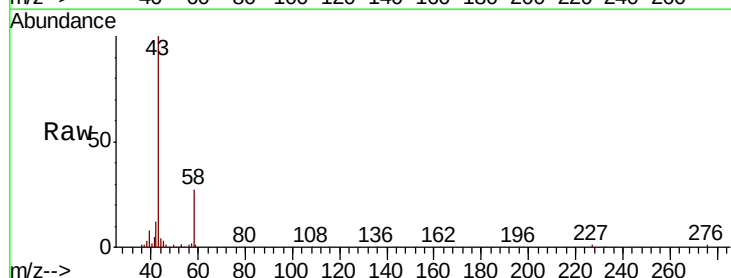
Acq: 11 Dec 2020 7:21

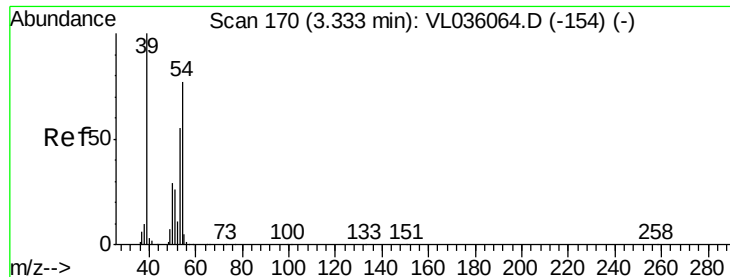
Tgt Ion: 43 Resp: 147939

Ion Ratio Lower Upper

43 100

58 29.8 20.9 31.3





#16

1,3-Butadiene

Concen: 0.008 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.03 min

Lab File: VL036153.D

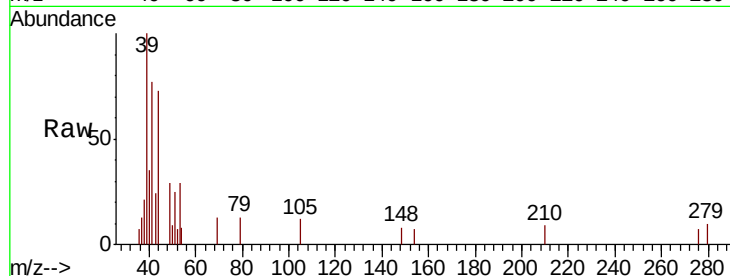
Acq: 11 Dec 2020 7:21

Tot Ion: 39 Resp: 636

Ion Ratio Lower Upper

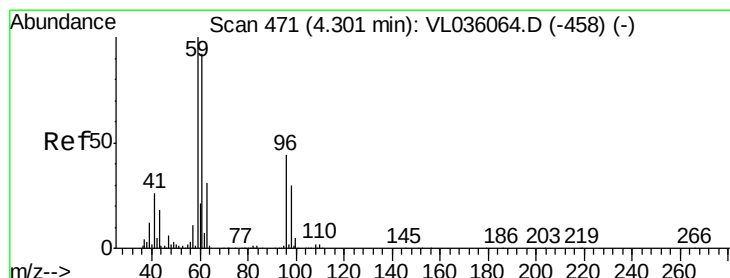
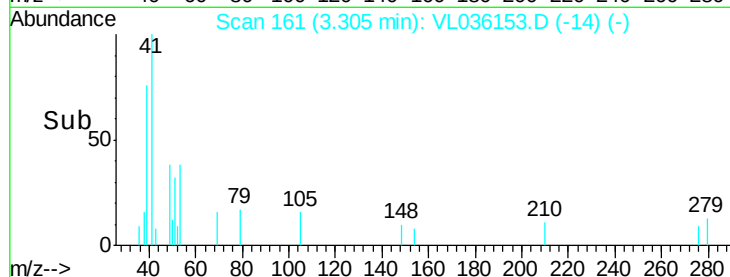
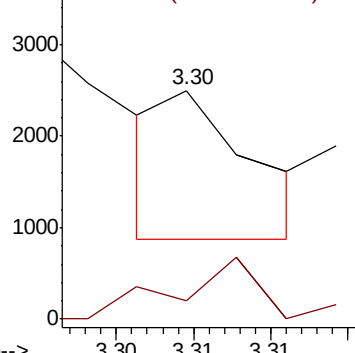
39 100

54 76.9 62.1 93.1



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0



#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.02 min

Lab File: VL036153.D

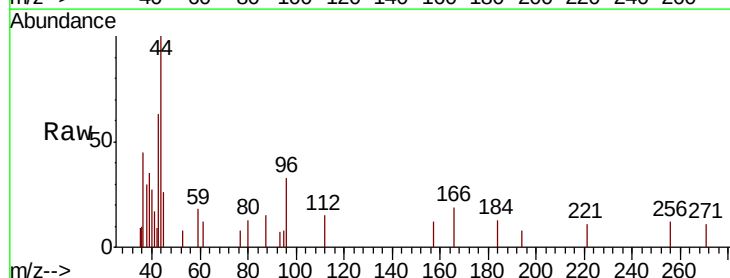
Acq: 11 Dec 2020 7:21

Tgt Ion: 59 Resp: 168

Ion Ratio Lower Upper

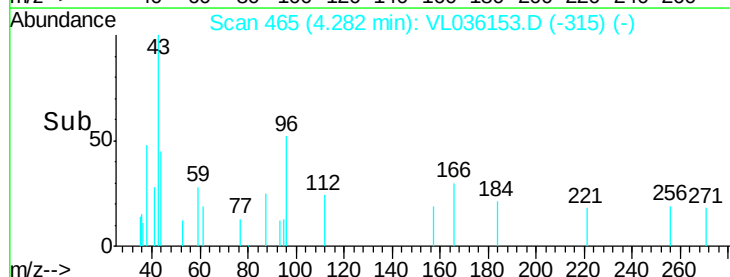
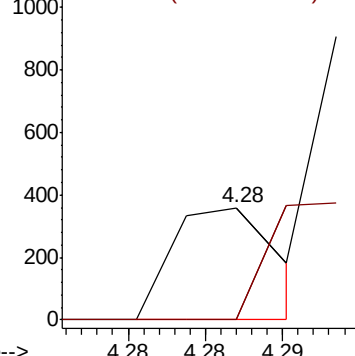
59 100

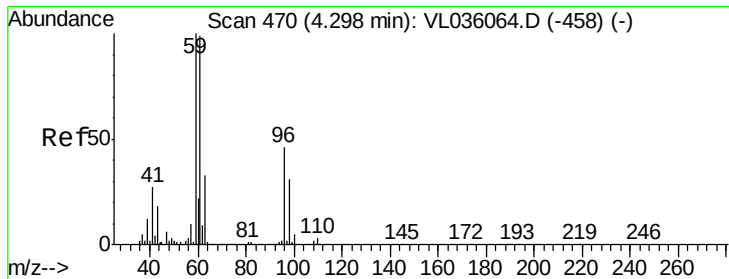
57 0.0 8.7 13.1#



Abundance Ion 59.10 (58.80 to 59.80): VL0

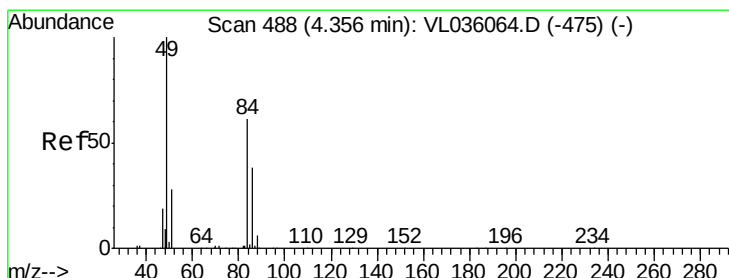
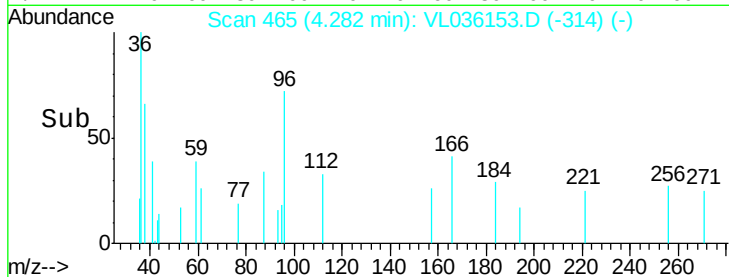
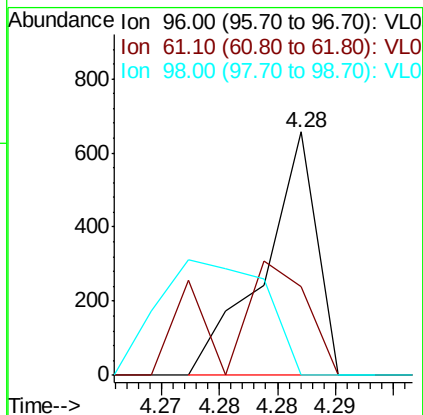
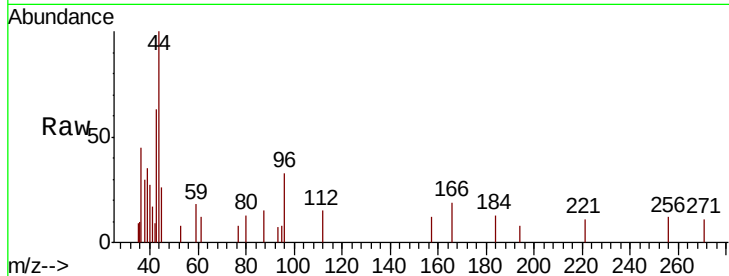
Ion 57.10 (56.80 to 57.80): VL0





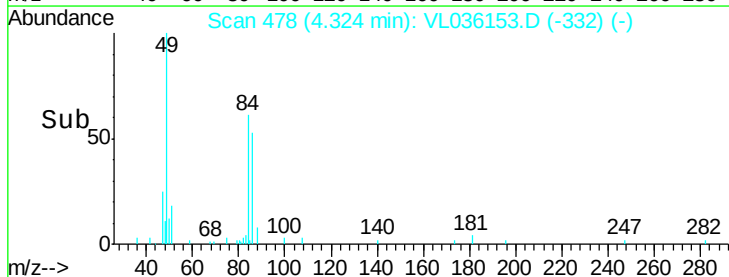
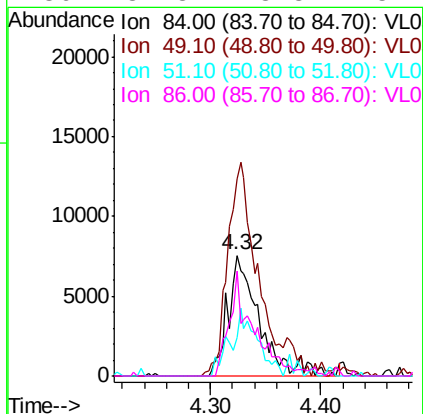
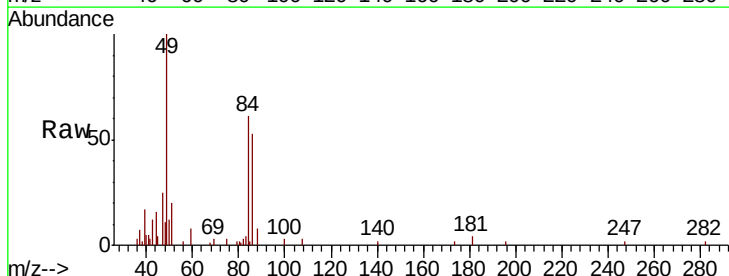
#18
 1,1-Dichloroethene
 Concen: 0.004 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

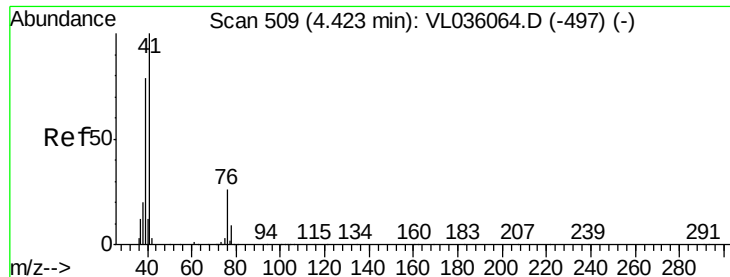
Tot Ion: 96 Resp: 207
 Ion Ratio Lower Upper
 96 100
 61 36.4 171.4 257.2#
 98 0.0 54.2 81.2#



#20
 Methylene Chloride
 Concen: 0.230 ppbv m
 RT: 4.32 min Scan# 478
 Delta R.T. -0.03 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

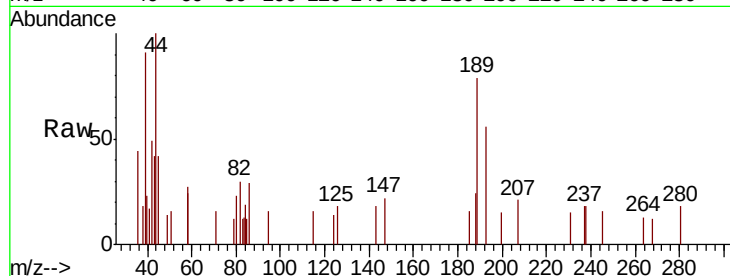
Tgt Ion: 84 Resp: 15015
 Ion Ratio Lower Upper
 84 100
 49 163.5 133.0 199.4
 51 32.1 38.9 58.3#
 86 87.3 48.8 73.2#



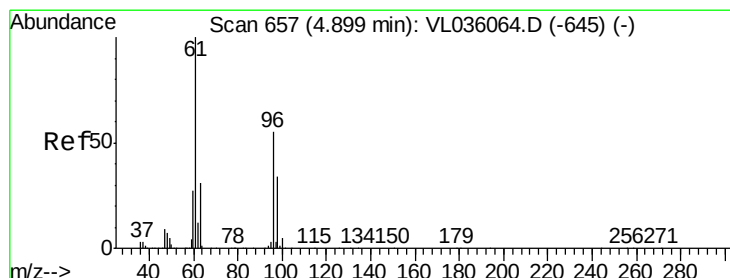
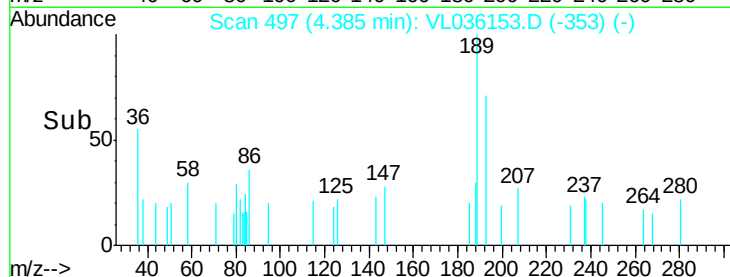
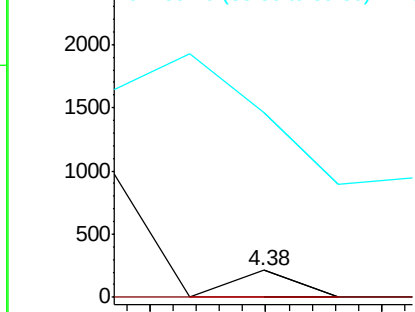


#21
Allvl Chloride
Concen: 0.000 ppbv
RT: 4.38 min Scan# 497
Delta R.T. -0.04 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

Tot Ion	Ratio	Lower	Upper
41	100		
76	0.0	21.0	31.4#
39	0.0	66.0	99.0#

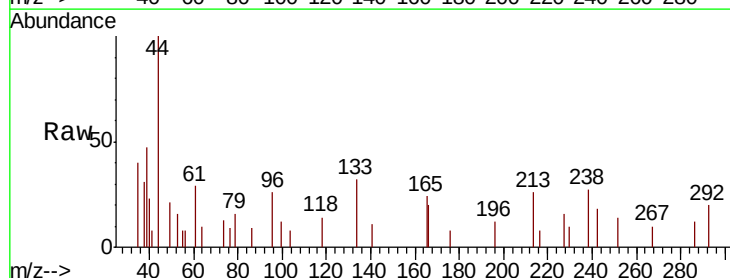


Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0

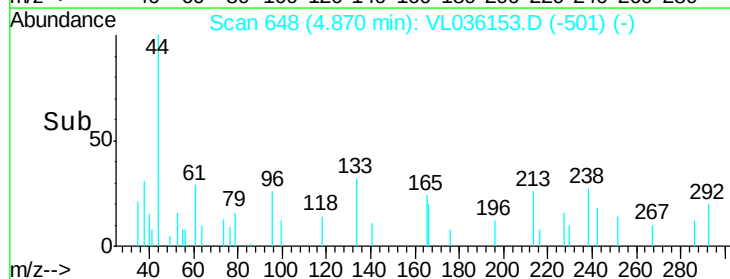
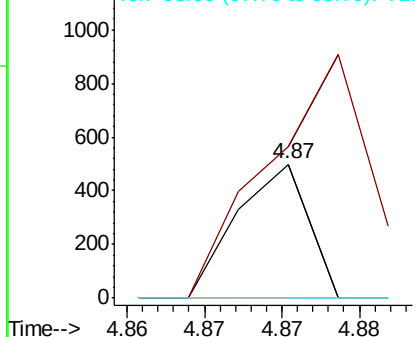


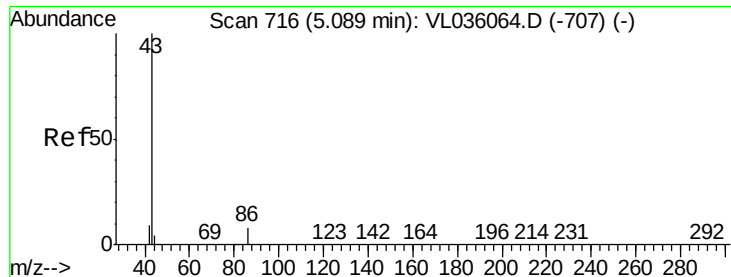
#22
trans-1,2-Dichloroethene
Concen: 0.003 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.03 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	113.2	145.7	218.5#
98	0.0	49.2	73.8#



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





#23

Vinyl Acetate

Concen: 0.007 ppbv

RT: 5.04 min Scan# 702

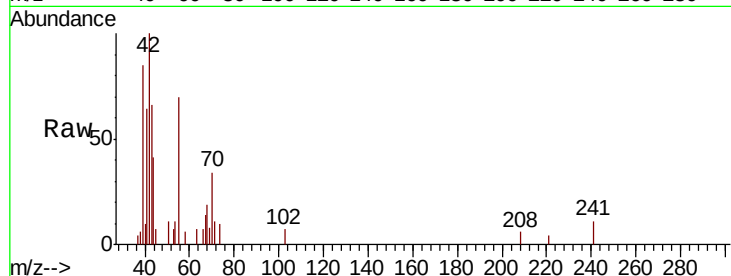
Delta R.T. -0.04 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

Tot Ion: 43 Resp: 1520

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.4#
42	14.2	7.8	11.6#
44	23.3	3.2	4.8#

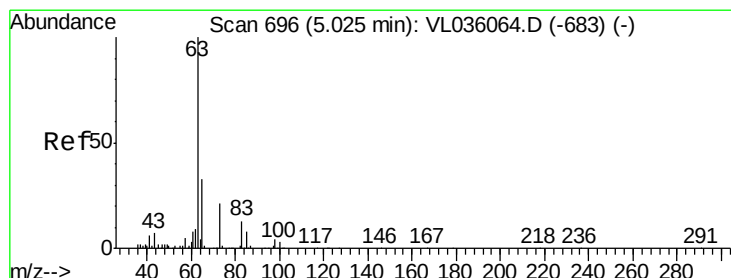
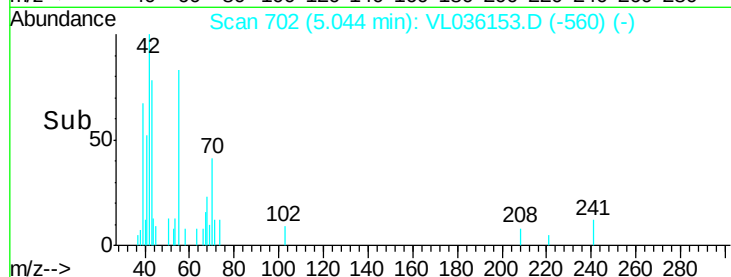
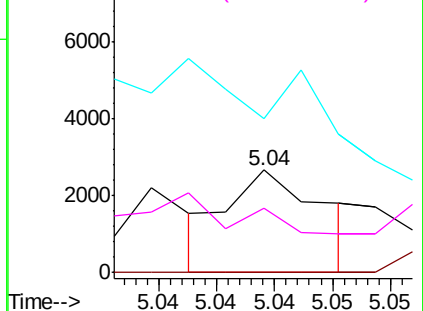


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 0.001 ppbv

RT: 4.99 min Scan# 686

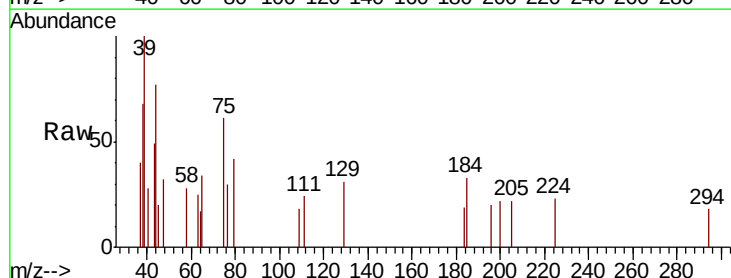
Delta R.T. -0.03 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

Tgt Ion: 63 Resp: 87

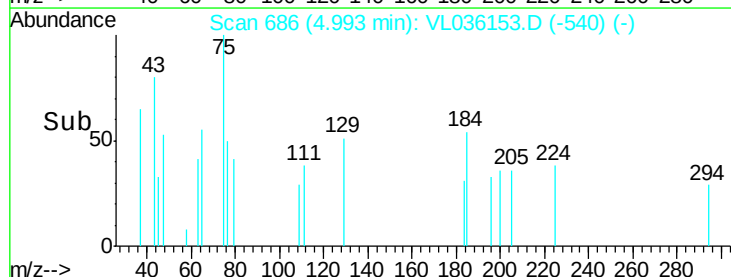
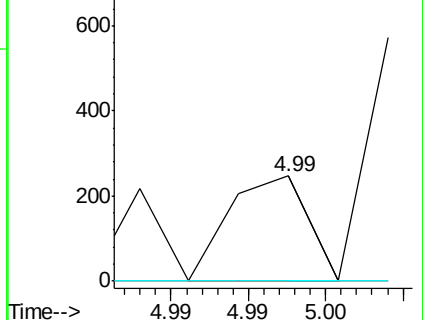
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.2	6.6#
100	0.0	1.5	4.4#

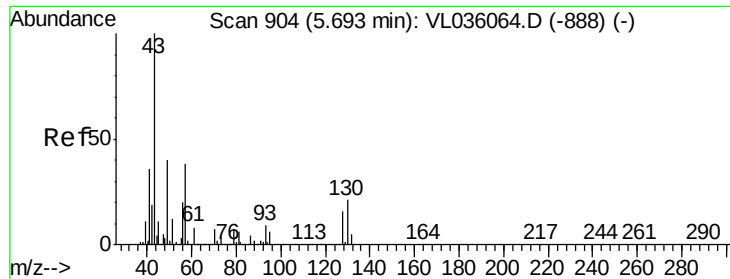


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 0.011 ppbv

RT: 5.66 min Scan# 893

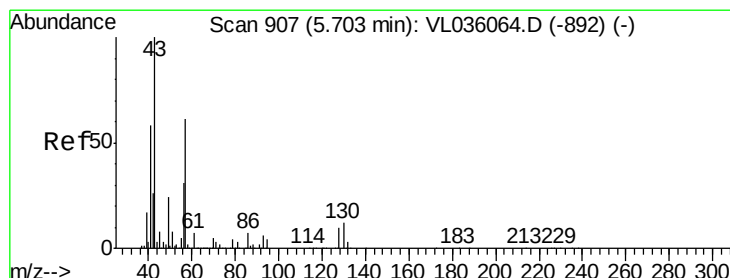
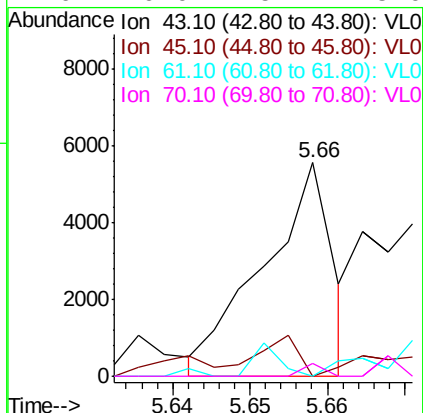
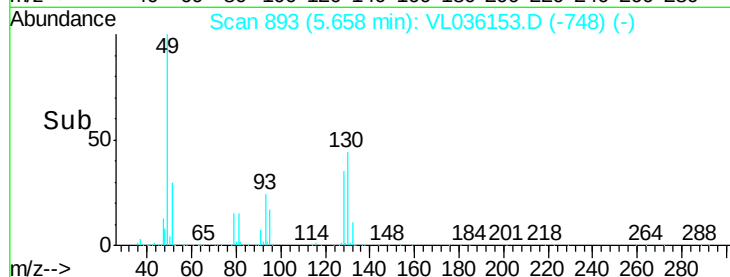
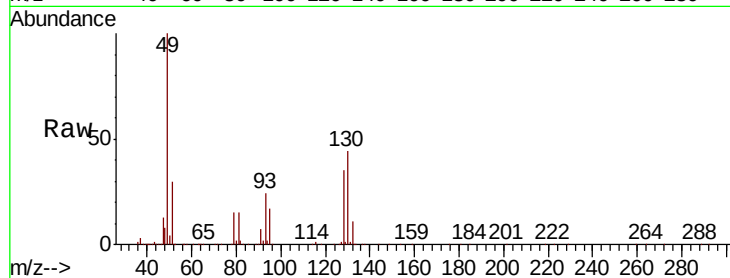
Delta R.T. -0.04 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

Tot Ion: 43 Resp: 3423

Ion	Ratio	Lower	Upper
43	100		
45	42.9	8.2	12.4#
61	0.0	7.4	11.2#
70	0.0	5.4	8.0#



#26

Hexane

Concen: 0.012 ppbv

RT: 5.67 min Scan# 896

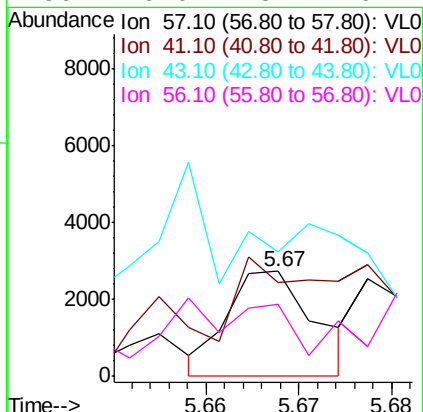
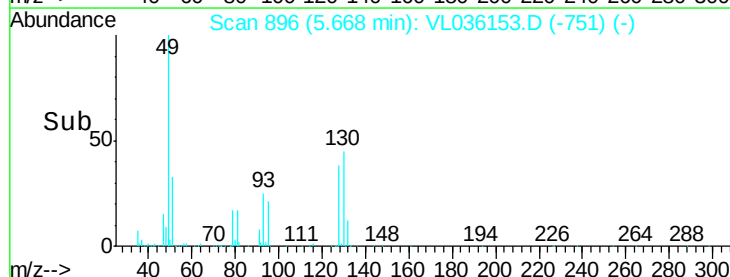
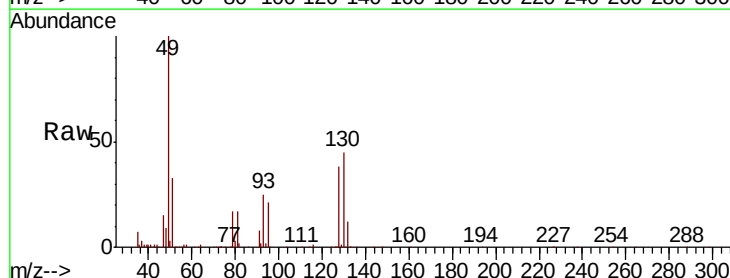
Delta R.T. -0.04 min

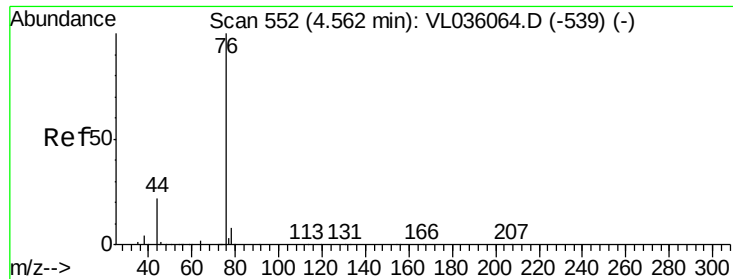
Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

Tgt Ion: 57 Resp: 1784

Ion	Ratio	Lower	Upper
57	100		
41	355.8	82.9	124.3#
43	0.0	199.9	299.9#
56	0.0	43.1	64.7#





#27

Carbon Disulfide

Concen: 0.004 ppbv

RT: 4.53 min Scan# 543

Delta R.T. -0.03 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

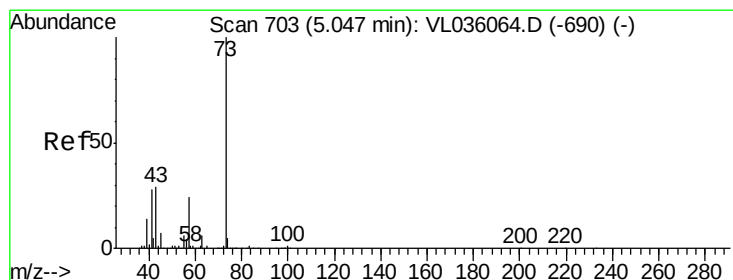
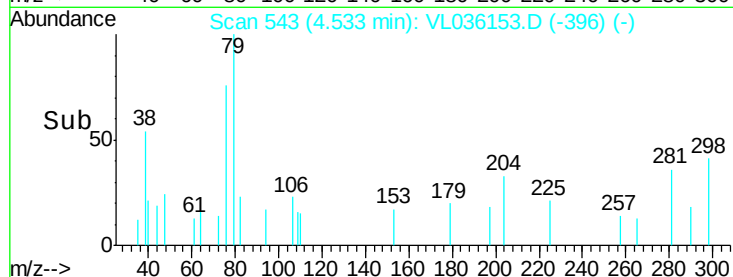
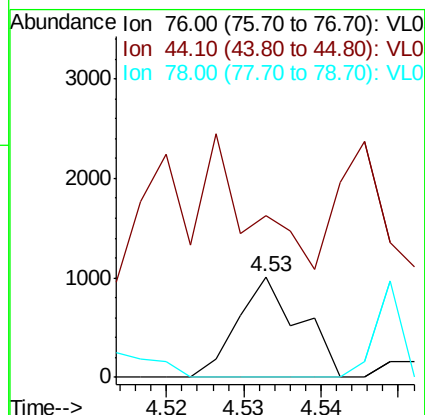
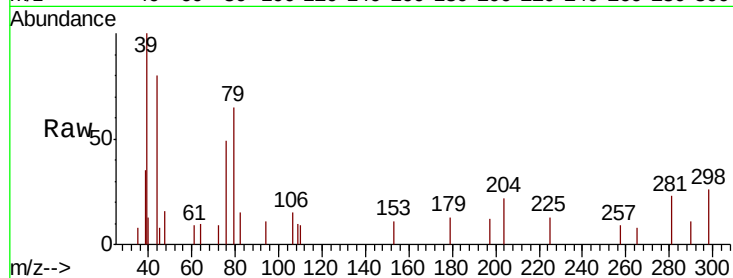
Tot Ion: 76 Resp: 565

Ion Ratio Lower Upper

76 100

44 290.8 17.9 26.9#

78 20.5 7.8 11.8#



#28

Methyl tert-Butyl Ether

Concen: 0.003 ppbv

RT: 5.02 min Scan# 695

Delta R.T. -0.03 min

Lab File: VL036153.D

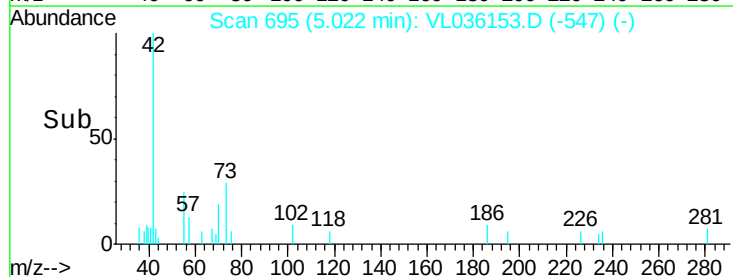
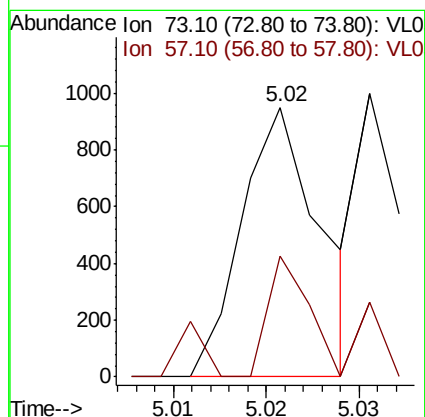
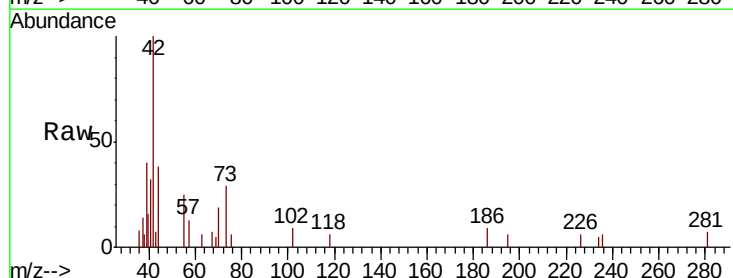
Acq: 11 Dec 2020 7:21

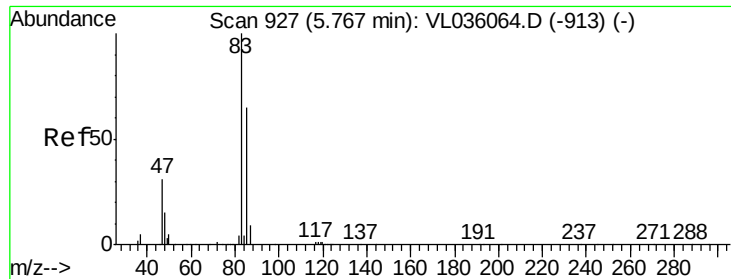
Tgt Ion: 73 Resp: 558

Ion Ratio Lower Upper

73 100

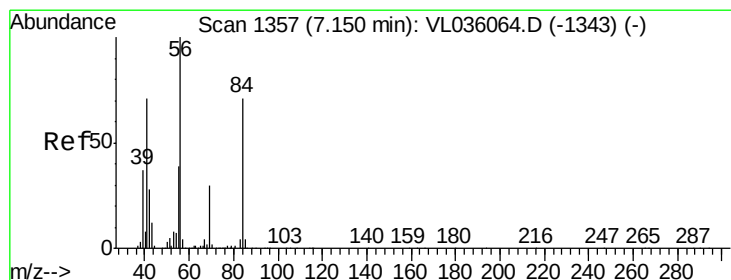
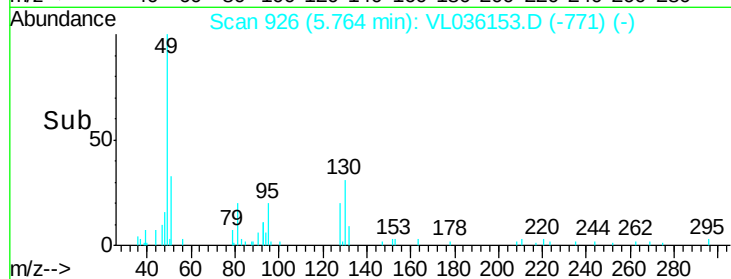
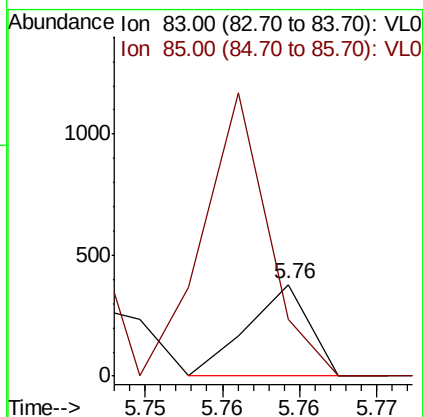
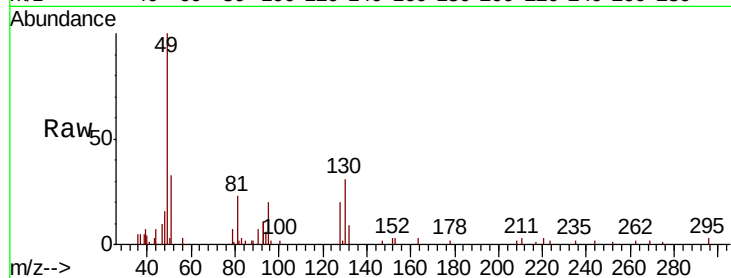
57 0.0 19.2 28.8#





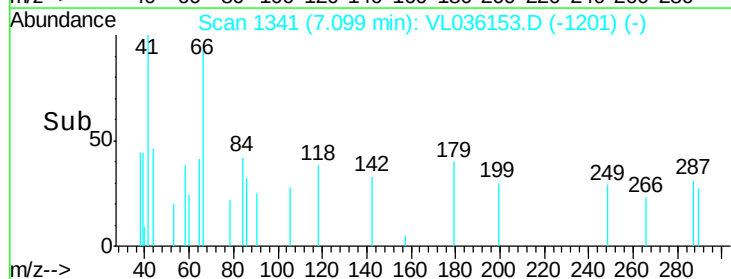
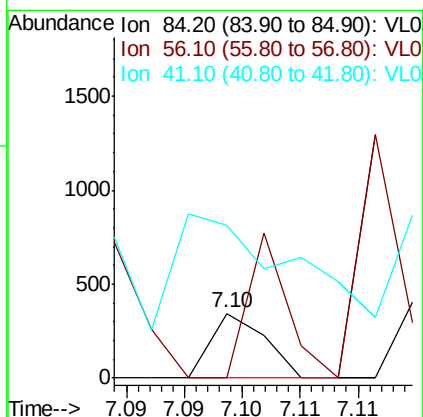
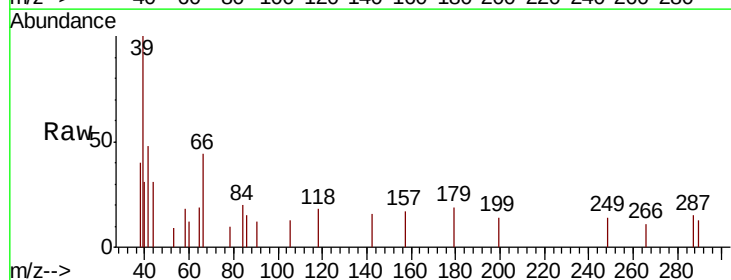
#29
Chloroform
Concen: 0.001 ppbv
RT: 5.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

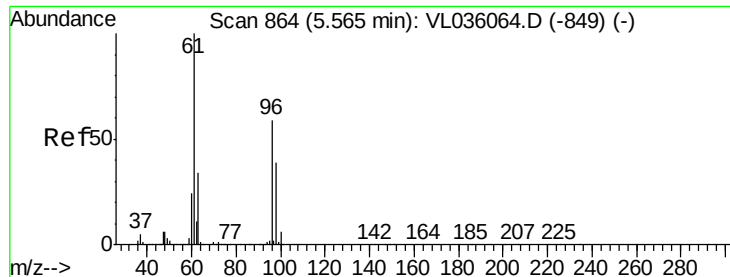
Tot Ion: 83 Resp: 105
Ion Ratio Lower Upper
83 100
85 62.4 51.8 77.6



#30
Cyclohexane
Concen: 0.001 ppbv
RT: 7.10 min Scan# 1341
Delta R.T. -0.05 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

Tgt Ion: 84 Resp: 111
Ion Ratio Lower Upper
84 100
56 0.0 128.0 192.0#
41 1355.9 81.3 121.9#

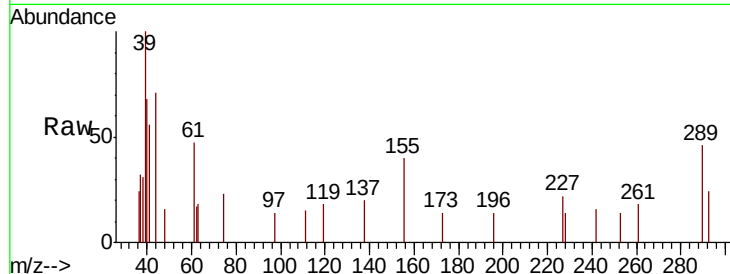




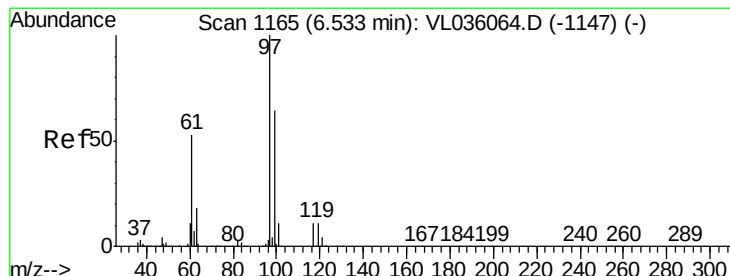
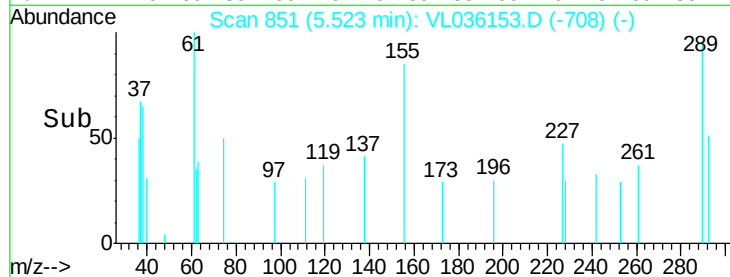
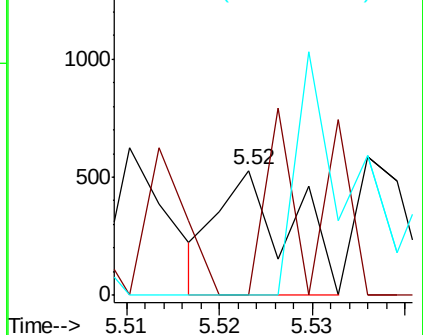
#31

cis-1,2-Dichloroethene
 Concen: 0.002 ppbv
 RT: 5.52 min Scan# 851
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Tot Ion	Ratio	Lower	Upper
61	100		
96	0.0	47.3	70.9#
98	0.0	31.4	47.0#



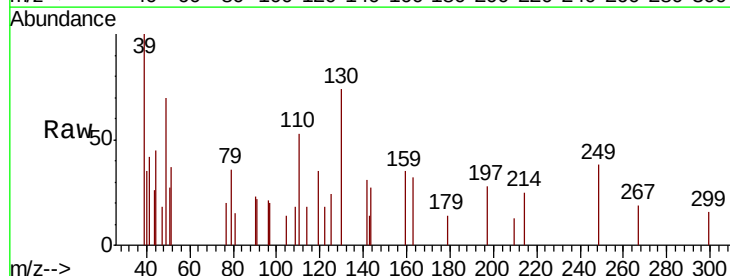
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



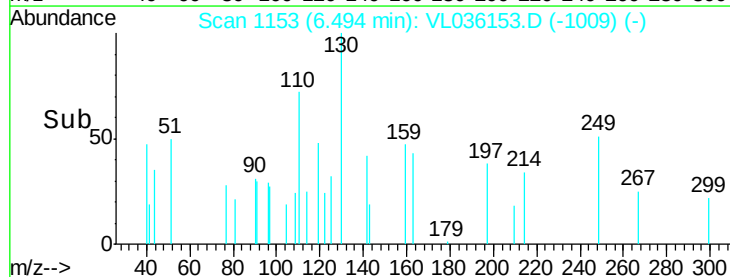
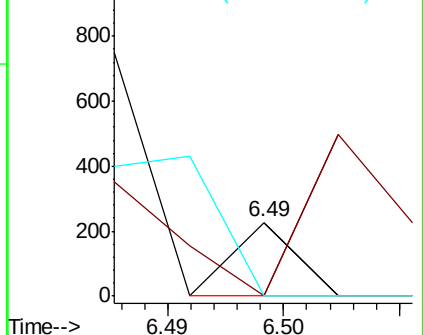
#32

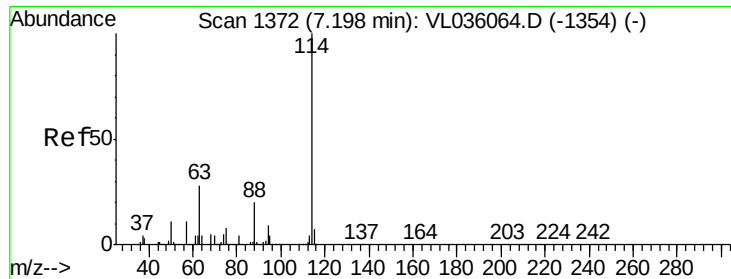
1,1,1-Trichloroethane
 Concen: 0.000 ppbv
 RT: 6.49 min Scan# 1153
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	545.5	52.4	78.6#
61	431.8	43.4	65.0#



Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.04 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

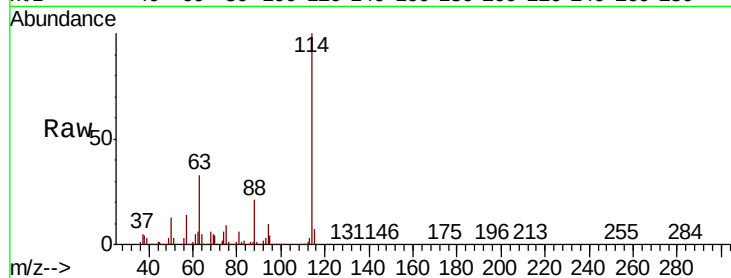
Tot Ion:114 Resp: 2540379

Ion Ratio Lower Upper

114 100

63 34.2 23.6 35.4

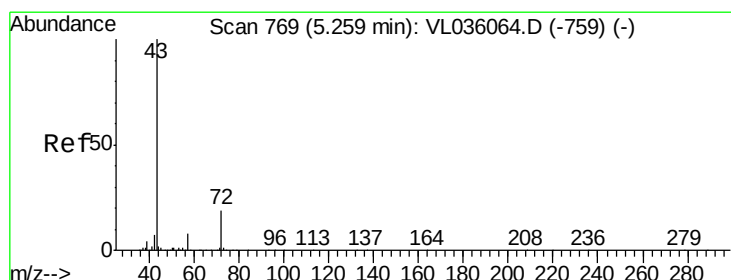
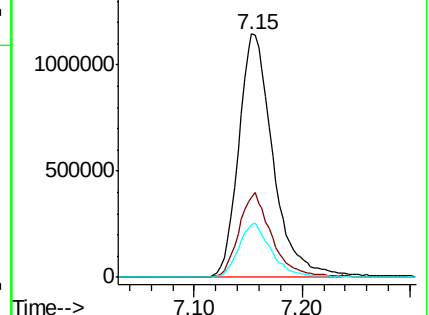
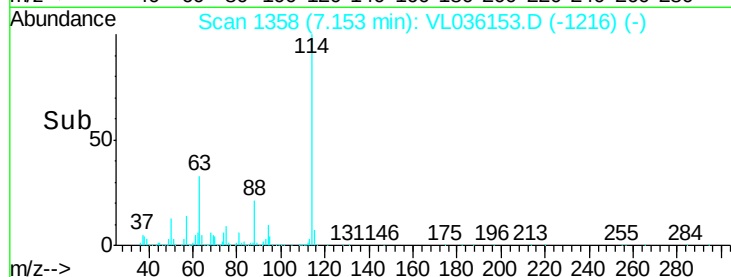
88 21.4 15.8 23.6



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: 0.012 ppbv

RT: 5.22 min Scan# 757

Delta R.T. -0.04 min

Lab File: VL036153.D

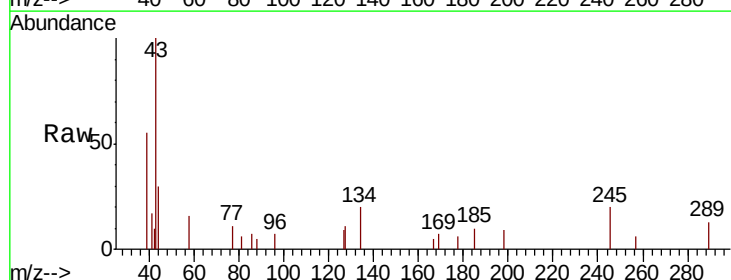
Acq: 11 Dec 2020 7:21

Tgt Ion: 43 Resp: 2057

Ion Ratio Lower Upper

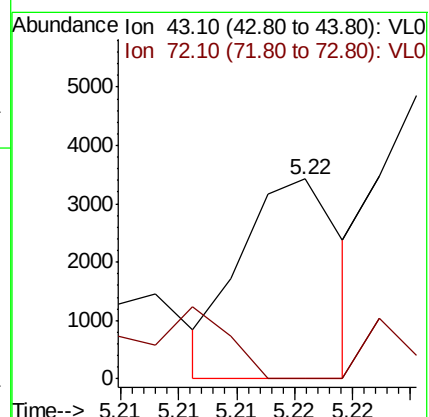
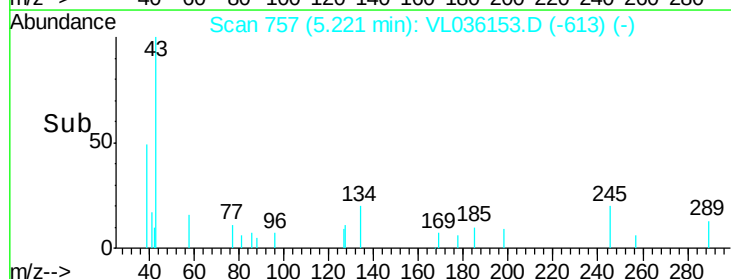
43 100

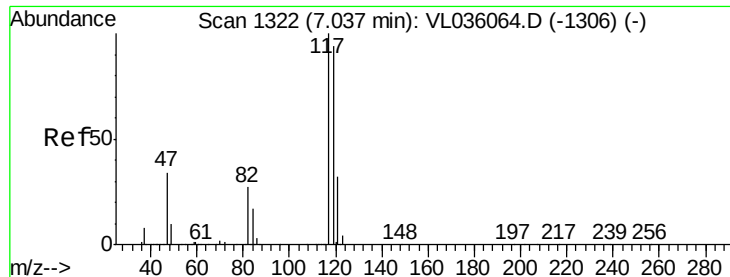
72 0.0 16.5 24.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.001 ppbv

RT: 6.99 min Scan# 1308

Delta R.T. -0.04 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

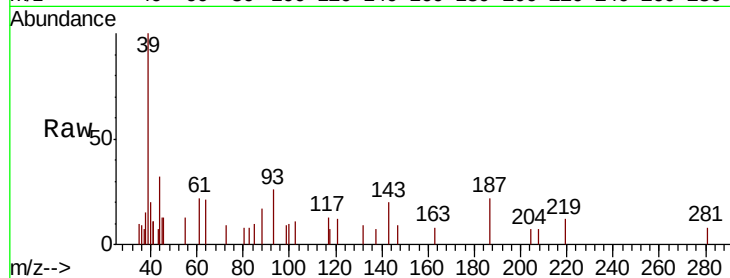
Tot Ion: 117 Resp: 129

Ion Ratio Lower Upper

117 100

119 0.0 75.1 112.7#

121 0.0 25.6 38.4#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

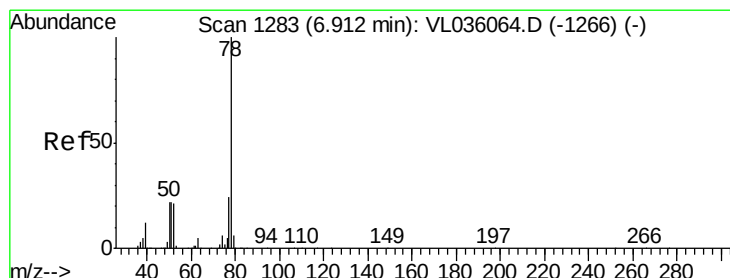
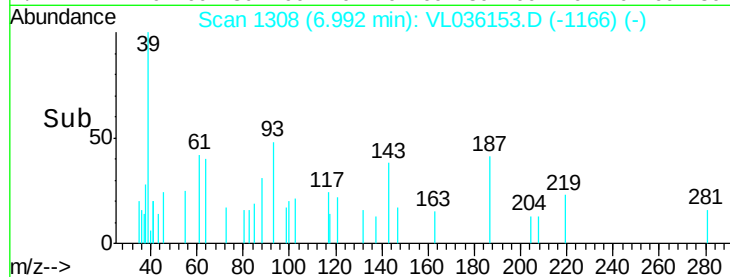
Ion 121.00 (120.70 to 121.70): V

6.99

6.99

7.00

Time-->



#36

Benzene

Concen: 0.003 ppbv

RT: 6.87 min Scan# 1271

Delta R.T. -0.04 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

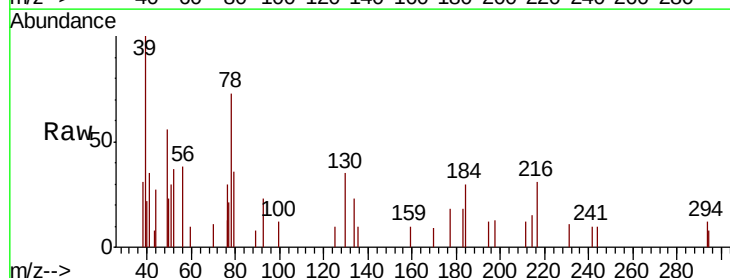
Tgt Ion: 78 Resp: 677

Ion Ratio Lower Upper

78 100

77 28.4 19.4 29.2

50 0.0 17.8 26.8#



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

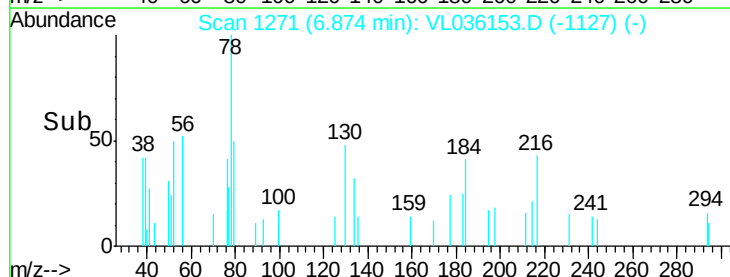
Ion 50.10 (49.80 to 50.80): VL0

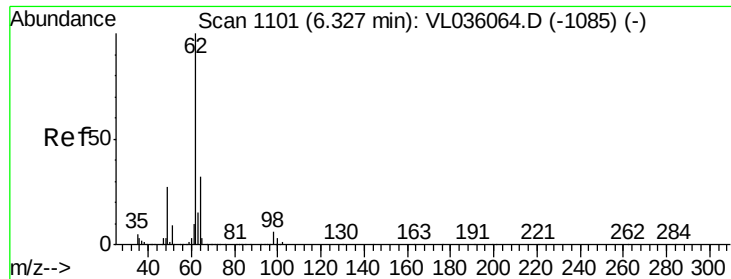
6.87

6.87

6.88

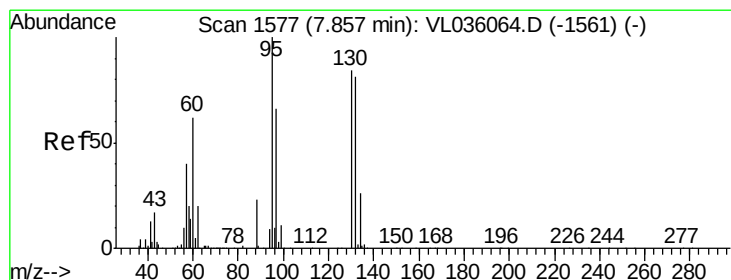
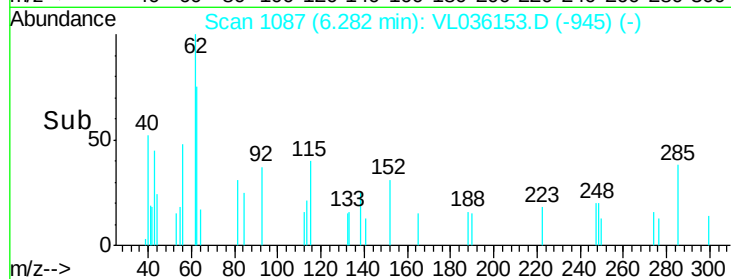
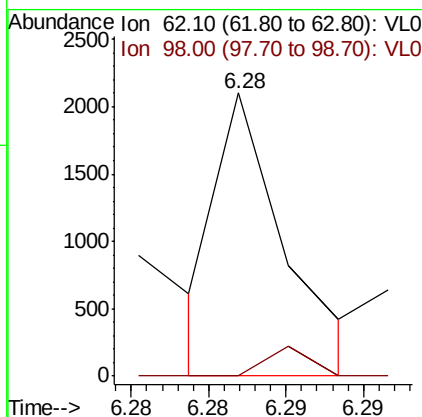
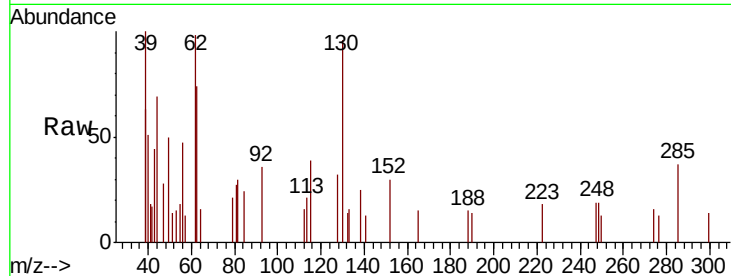
Time-->





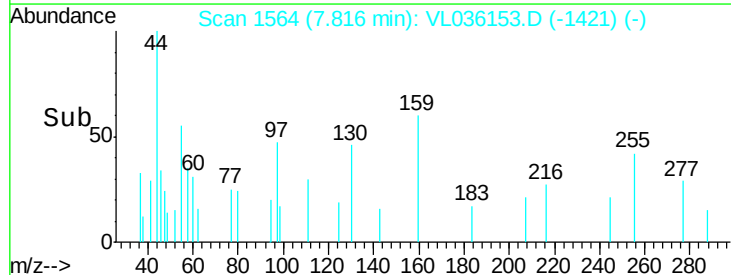
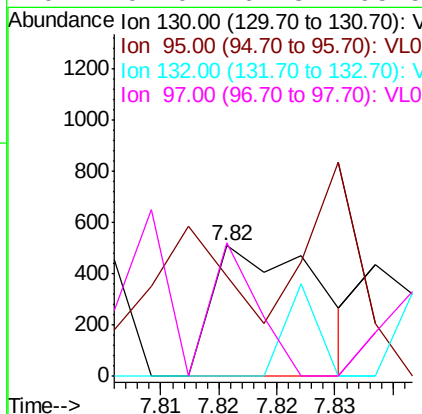
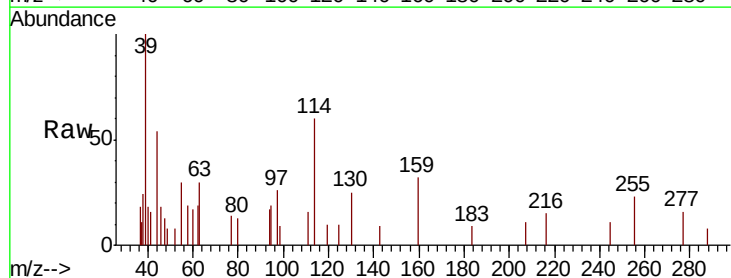
#37
 1,2-Dichloroethane
 Concen: 0.005 ppbv
 RT: 6.28 min Scan# 1087
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

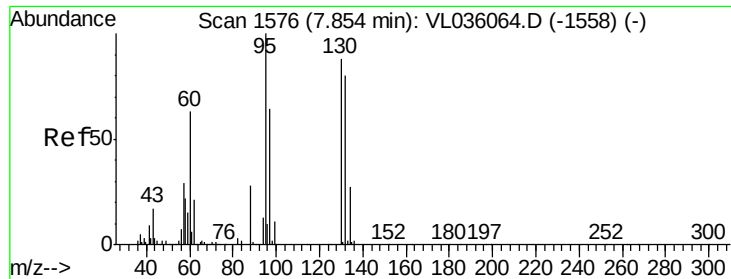
Tot Ion: 62 Resp: 644
 Ion Ratio Lower Upper
 62 100
 98 0.0 4.6 7.0#



#38
 Trichloroethene
 Concen: 0.004 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Tgt Ion: 130 Resp: 317
 Ion Ratio Lower Upper
 130 100
 95 0.0 95.2 142.8#
 132 0.0 76.9 115.3#
 97 102.0 62.3 93.5#





#40

1,4-Dioxane

Concen: 0.001 ppbv

RT: 7.79 min Scan# 1557

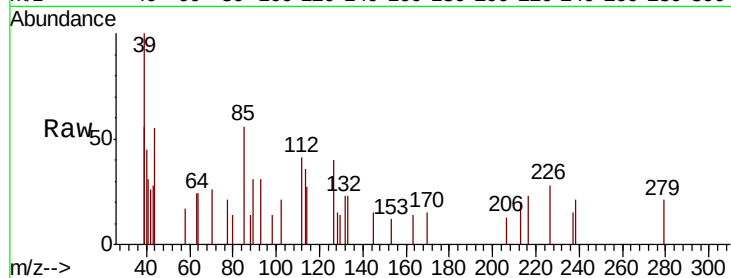
Delta R.T. -0.06 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

Tot Ion: 88 Resp: 34

Ion	Ratio	Lower	Upper
88	100		
58	0.0	122.6	184.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0

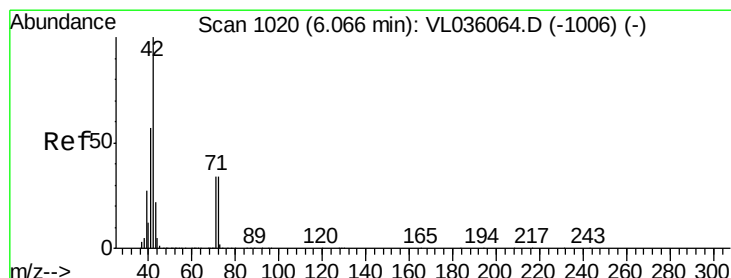
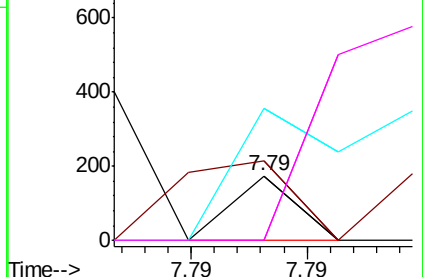
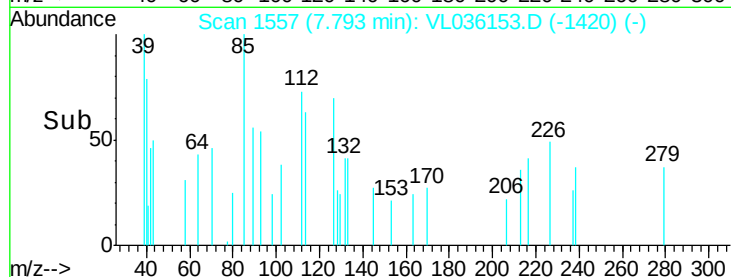


Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#41

Tetrahydrofuran

Concen: 0.001 ppbv

RT: 6.02 min Scan# 1007

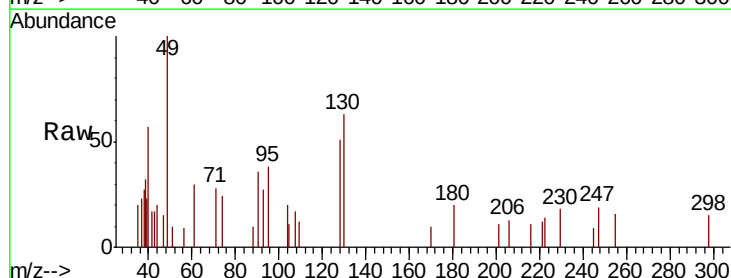
Delta R.T. -0.04 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

Tgt Ion: 42 Resp: 59

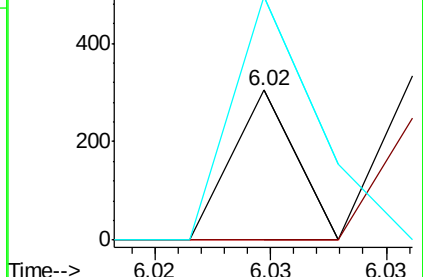
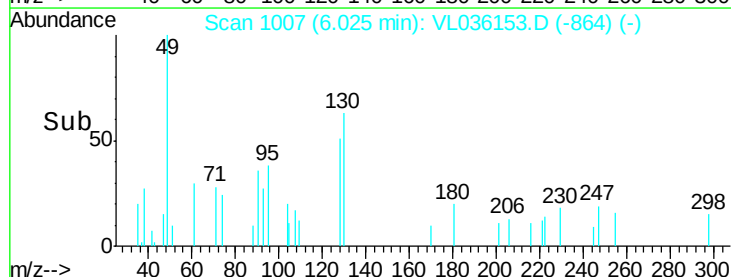
Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.3	42.5#
71	211.9	27.3	40.9#

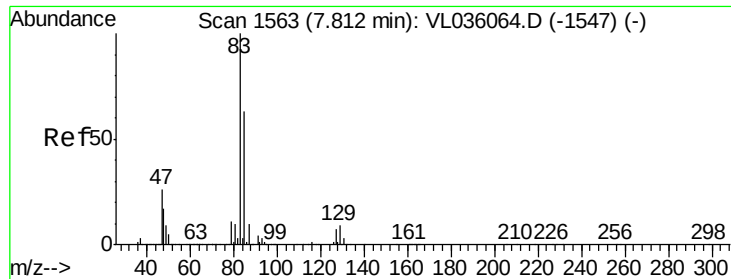


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#42

Bromodichloromethane

Concen: 0.001 ppbv

RT: 7.76 min Scan# 1547

Delta R.T. -0.05 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

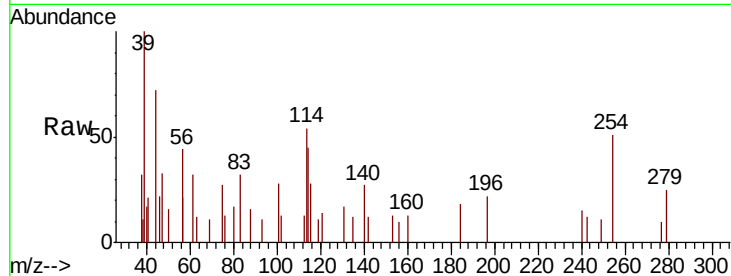
Tot Ion: 83 Resp: 145

Ion Ratio Lower Upper

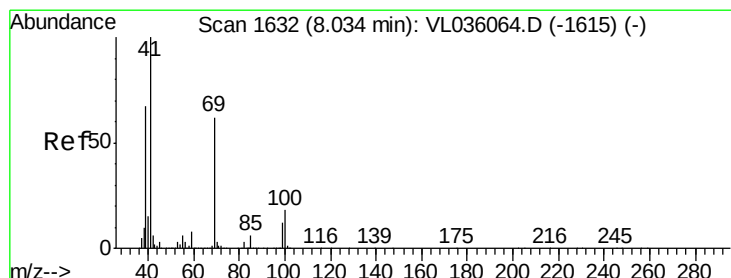
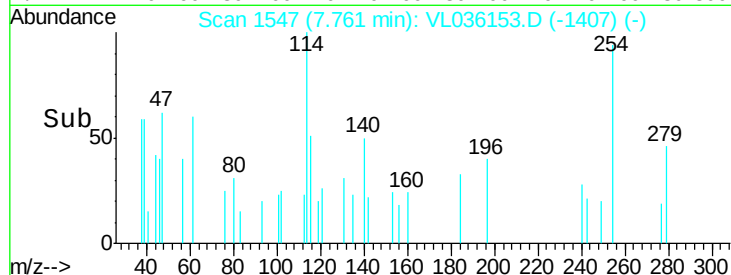
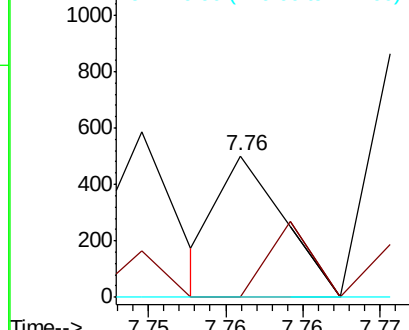
83 100

85 0.0 50.2 75.2#

127 0.0 5.5 8.3#



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): VL0



#43

Methyl Methacrylate

Concen: 0.001 ppbv

RT: 8.00 min Scan# 1621

Delta R.T. -0.04 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

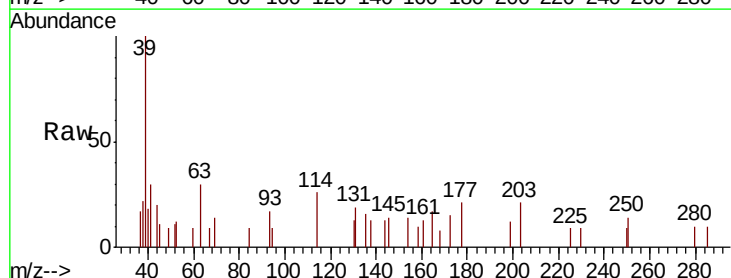
Tgt Ion: 69 Resp: 81

Ion Ratio Lower Upper

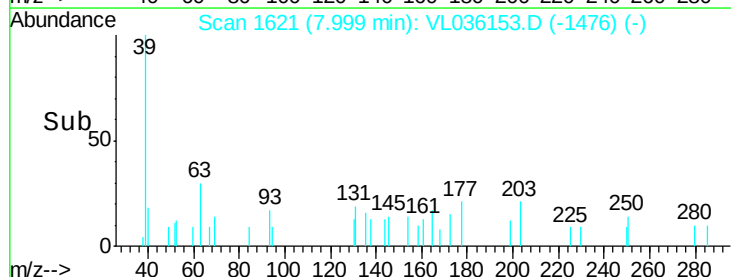
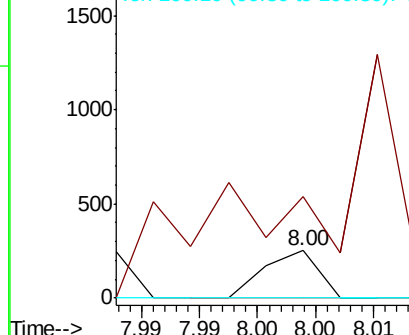
69 100

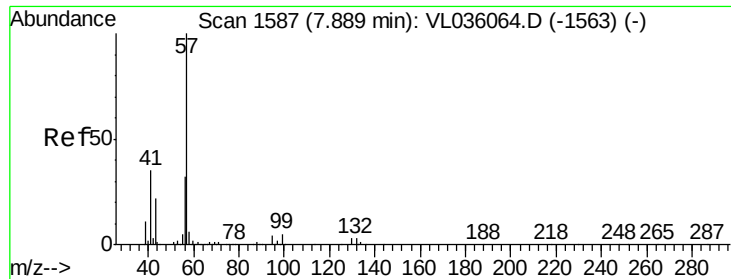
41 1181.5 133.0 199.6#

100 0.0 25.4 38.0#



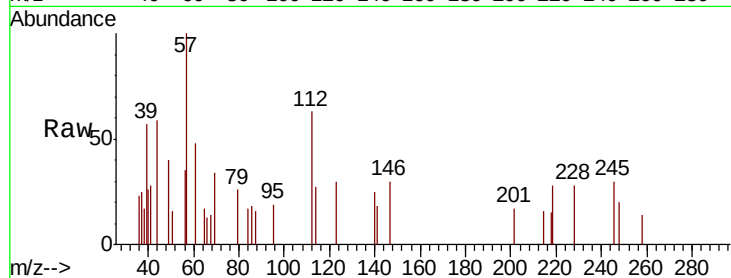
Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0



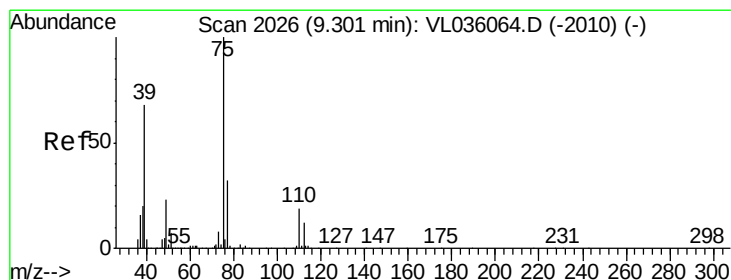
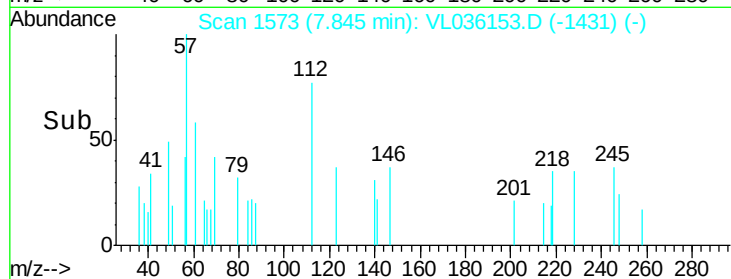
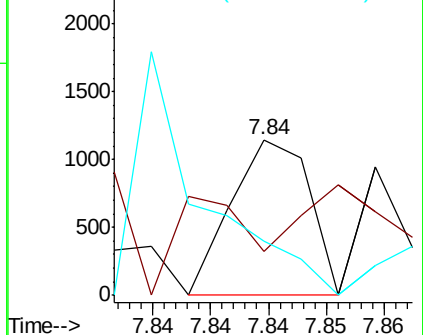


#44
2,2,4-Trimethylpentane
Concen: 0.001 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.04 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

Tot Ion: 57 Resp: 537
Ion Ratio Lower Upper
57 100
41 0.0 28.9 43.3#
56 0.0 25.3 37.9#

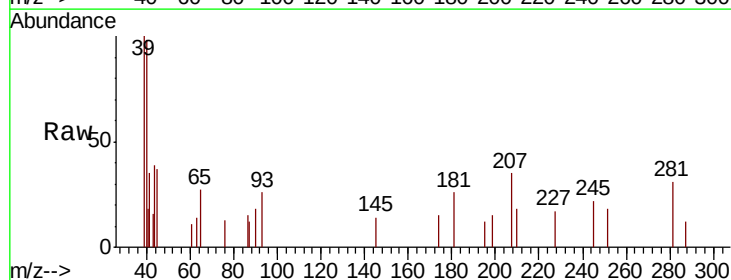


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

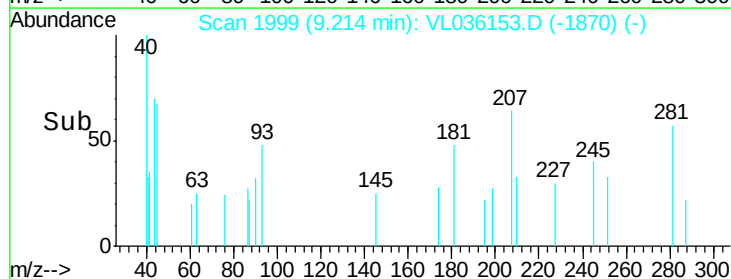
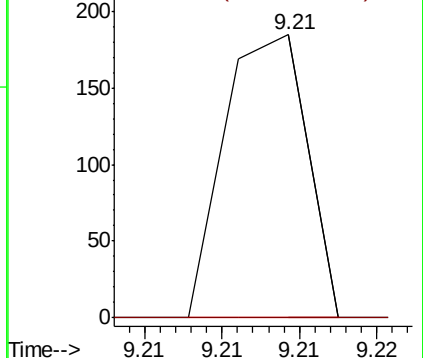


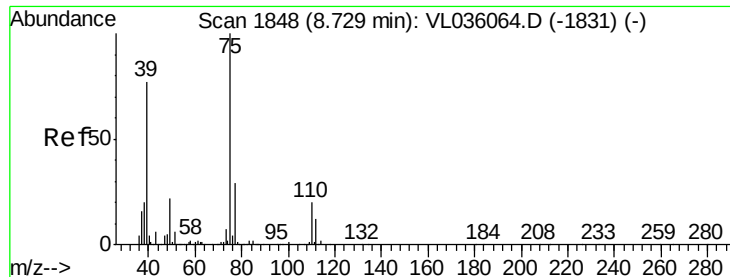
#45
t-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 9.21 min Scan# 1999
Delta R.T. -0.09 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

Tgt Ion: 75 Resp: 68
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#



Abundance Ion 75.10 (74.80 to 75.80): VL0
Ion 77.10 (76.80 to 77.80): VL0





#46

cis-1,3-Dichloropropene

Concen: 0.001 ppbv

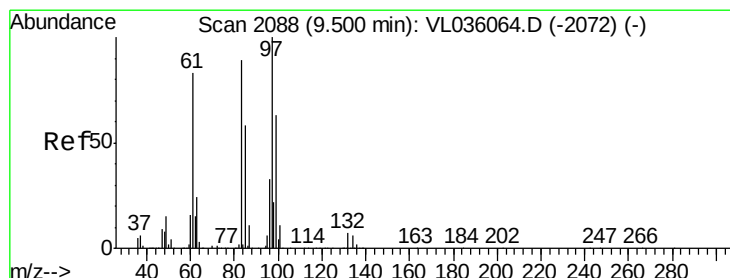
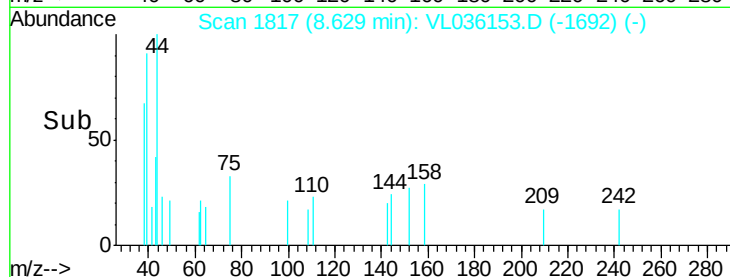
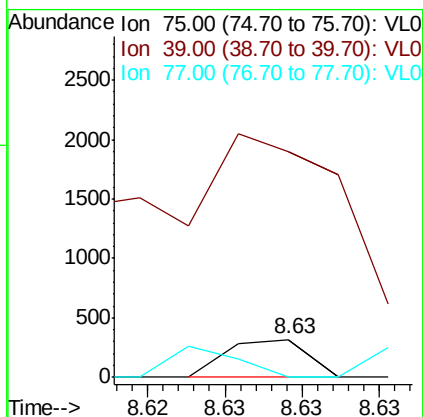
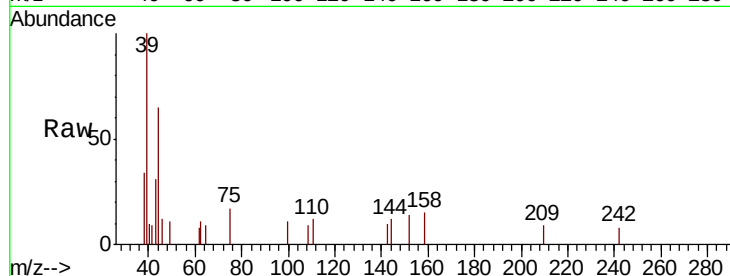
RT: 8.63 min Scan# 1817

Delta R.T. -0.10 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

Tot Ion:	75	Resp:	115
Ion	Ratio	Lower	Upper
75	100		
39	196.5	61.6	92.4#
77	0.0	23.0	34.6#



#47

1,1,2-Trichloroethane

Concen: 0.000 ppbv

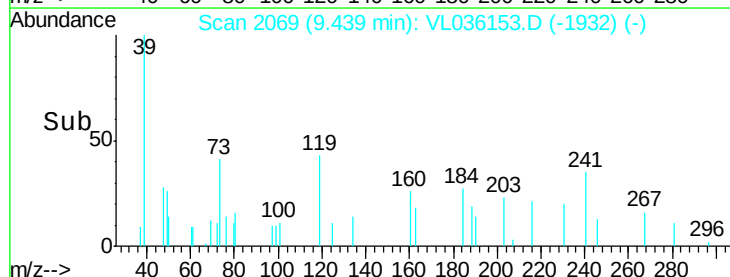
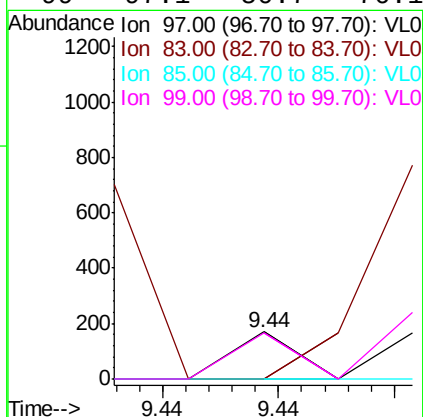
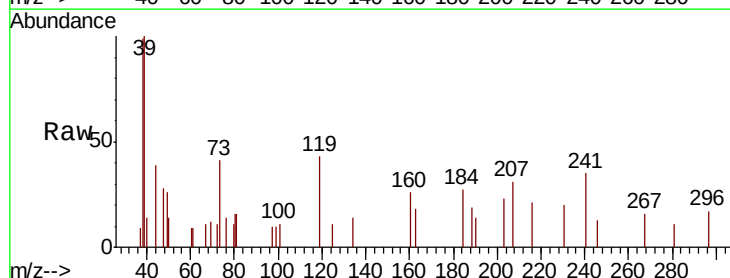
RT: 9.44 min Scan# 2069

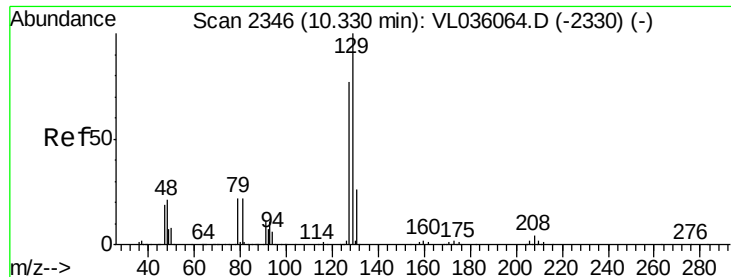
Delta R.T. -0.06 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

Tgt Ion:	97	Resp:	33
Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.4	107.2#
85	0.0	46.6	70.0#
99	97.1	50.7	76.1#





#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 10.29 min Scan# 2335

Delta R.T. -0.04 min

Lab File: VL036153.D

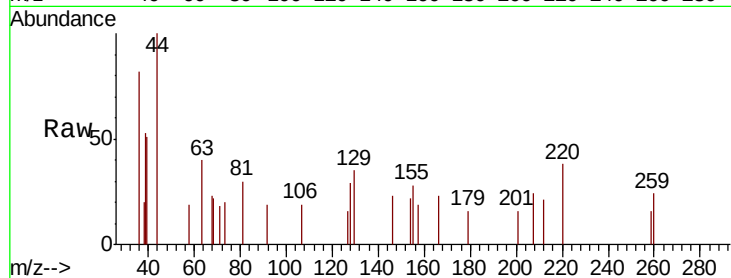
Acq: 11 Dec 2020 7:21

Tot Ion:129 Resp: 108

Ion Ratio Lower Upper

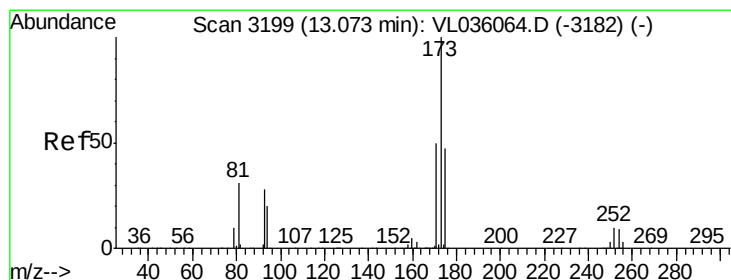
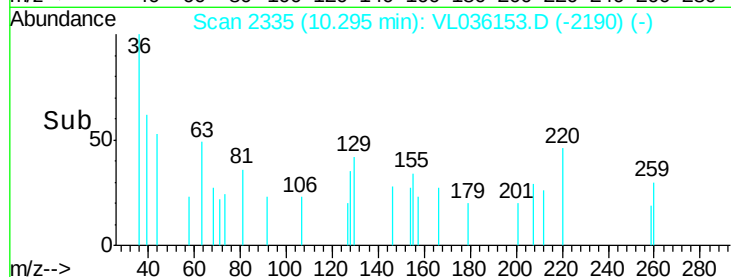
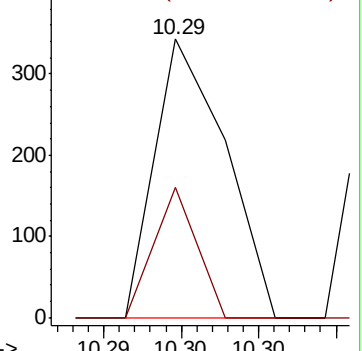
129 100

127 81.5 39.0 117.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#49

Bromoform

Concen: 0.000 ppbv

RT: 13.01 min Scan# 3179

Delta R.T. -0.06 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

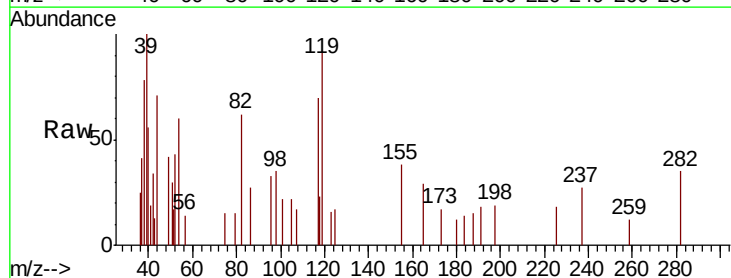
Tgt Ion:173 Resp: 41

Ion Ratio Lower Upper

173 100

175 407.3 39.8 59.6#

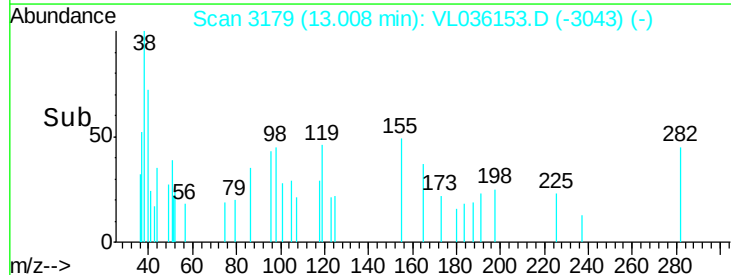
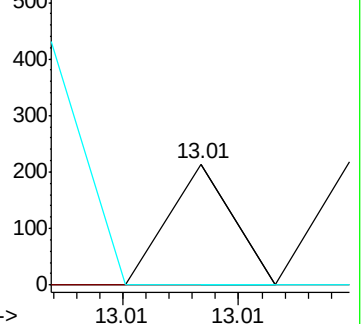
171 268.3 42.5 63.7#

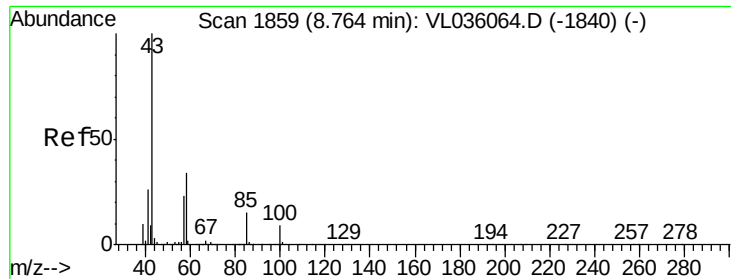


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

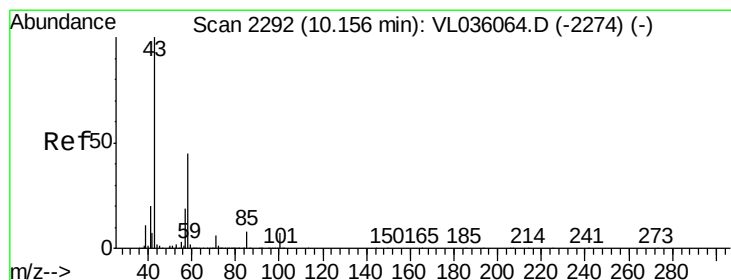
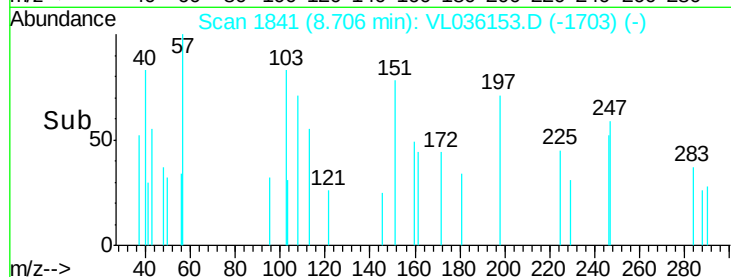
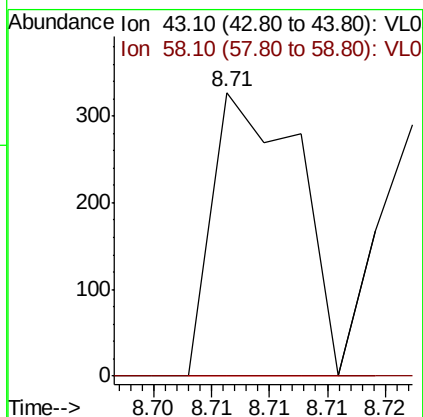
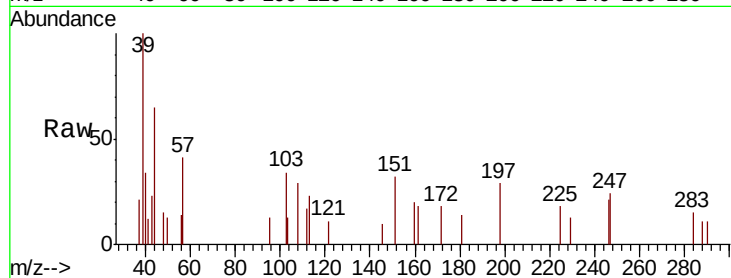
Ion 170.90 (170.60 to 171.60): V





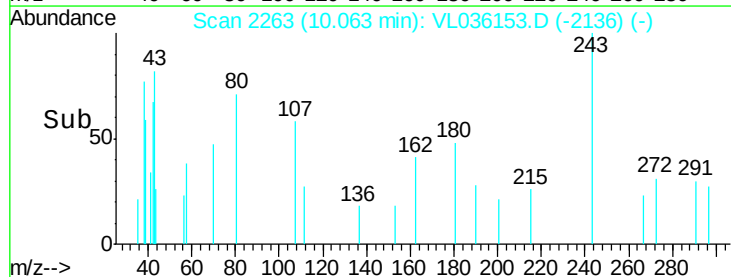
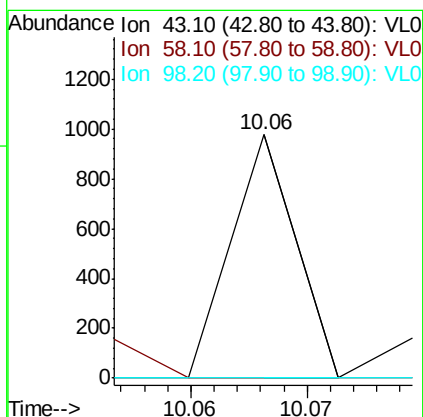
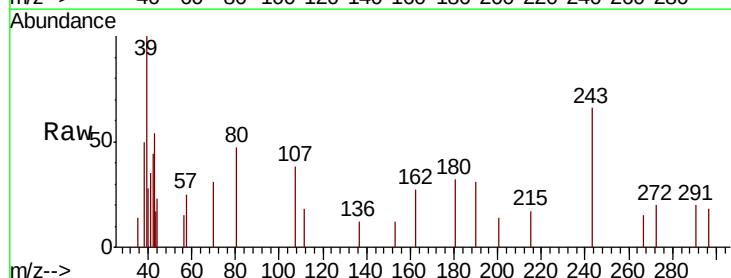
#50
 4-Methyl-2-Pentanone
 Concen: 0.001 ppbv
 RT: 8.71 min Scan# 1841
 Delta R.T. -0.06 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

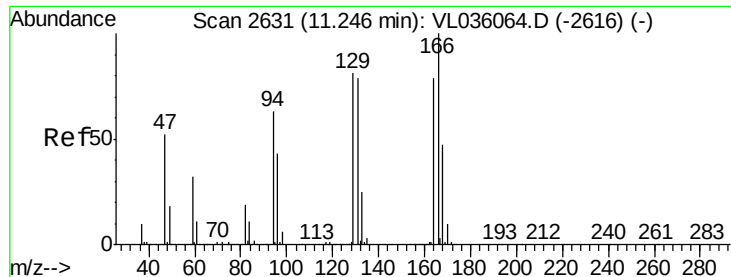
Tot Ion: 43 Resp: 169
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.4 41.2#



#51
 2-Hexanone
 Concen: 0.001 ppbv
 RT: 10.06 min Scan# 2263
 Delta R.T. -0.09 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Tgt Ion: 43 Resp: 188
 Ion Ratio Lower Upper
 43 100
 58 0.0 38.7 58.1#
 98 0.0 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.001 ppbv

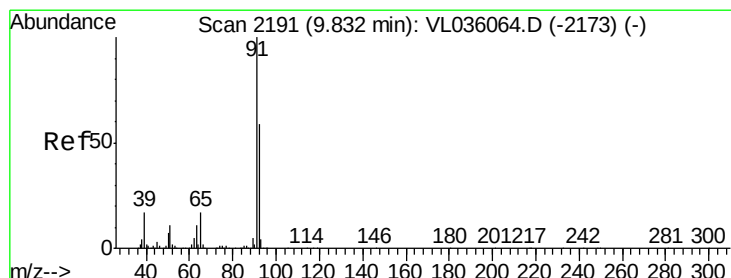
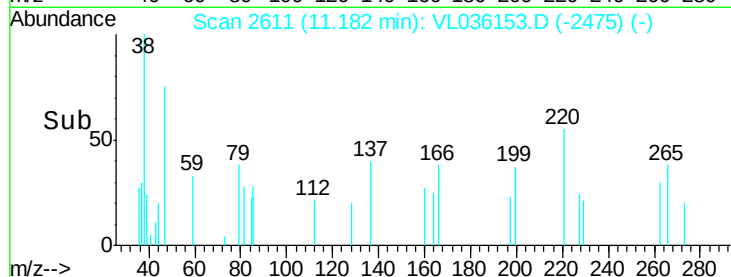
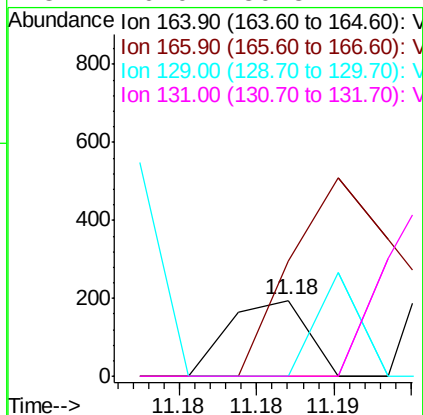
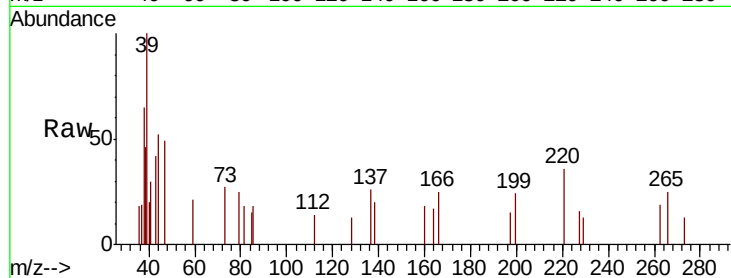
RT: 11.18 min Scan# 2611

Delta R.T. -0.06 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

Tot Ion:	164	Resp:	69
Ion	Ratio	Lower	Upper
164	100		
166	151.3	101.9	152.9
129	0.0	82.1	123.1#
131	0.0	80.8	121.2#



#53

Toluene

Concen: 0.003 ppbv

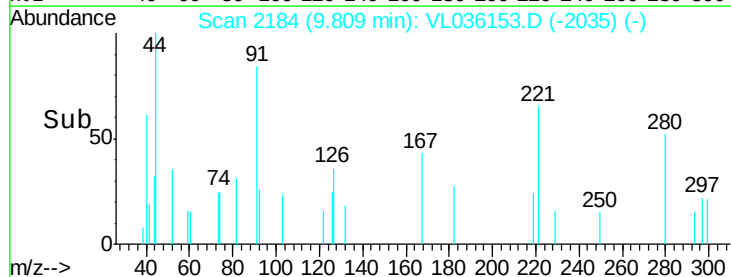
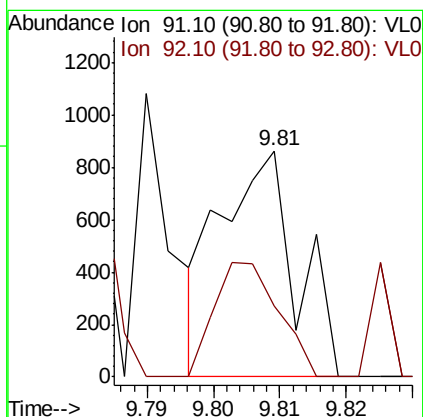
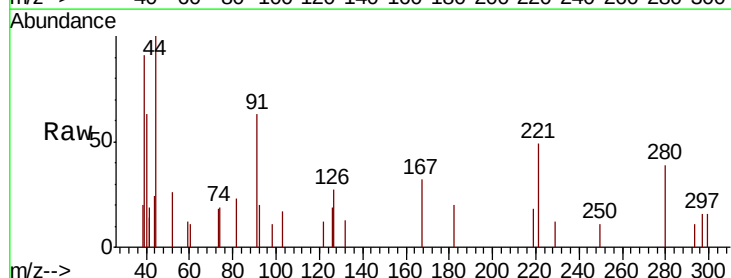
RT: 9.81 min Scan# 2184

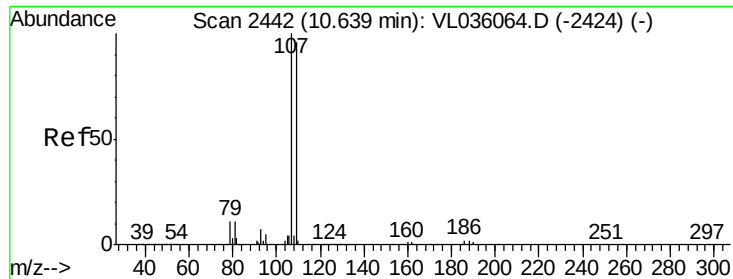
Delta R.T. -0.02 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

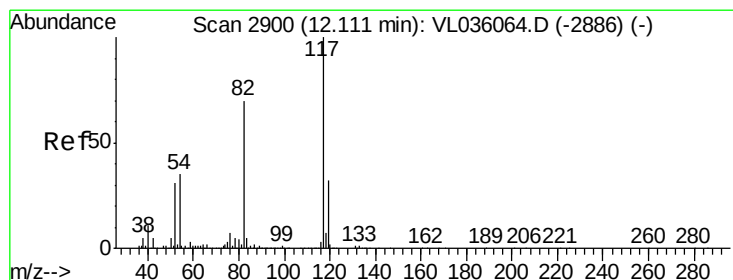
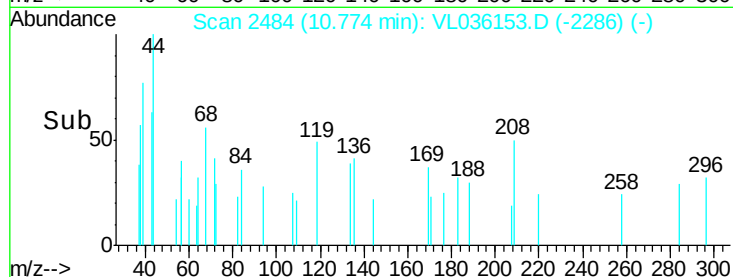
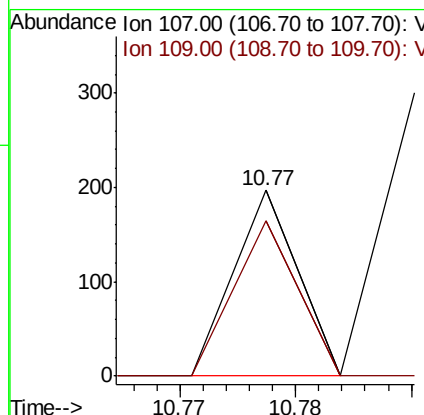
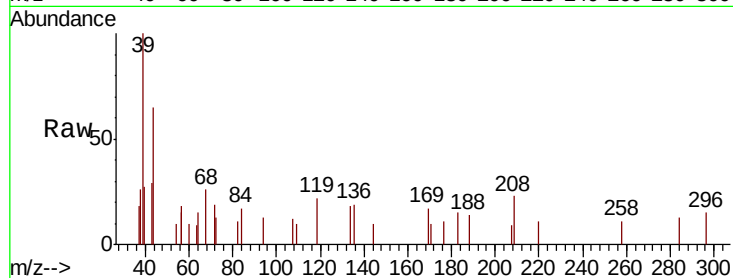
Tgt Ion:	91	Resp:	689
Ion	Ratio	Lower	Upper
91	100		
92	51.5	48.2	72.2





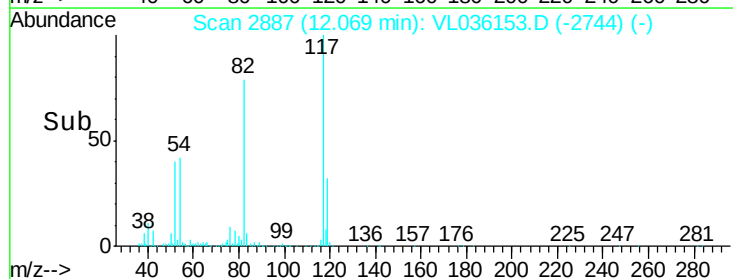
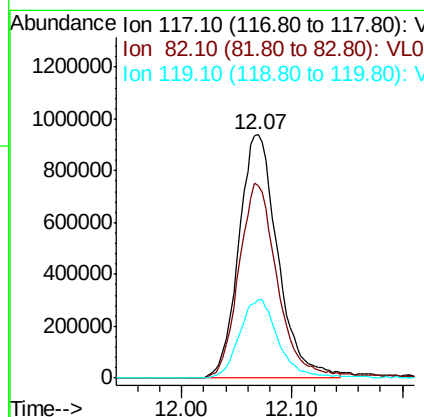
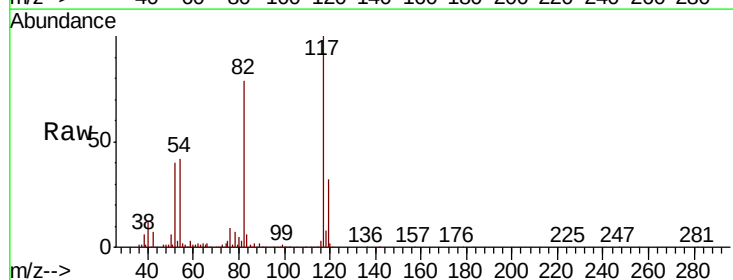
#54
 1,2-Dibromoethane
 Concen: 0.000 ppbv
 RT: 10.77 min Scan# 2484
 Delta R.T. 0.14 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

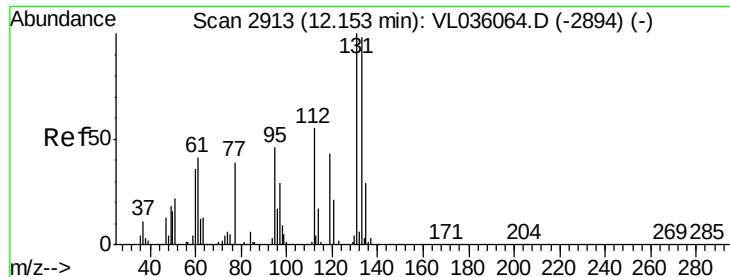
Tot Ion:107 Resp: 38
 Ion Ratio Lower Upper
 107 100
 109 83.8 76.6 115.0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2887
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

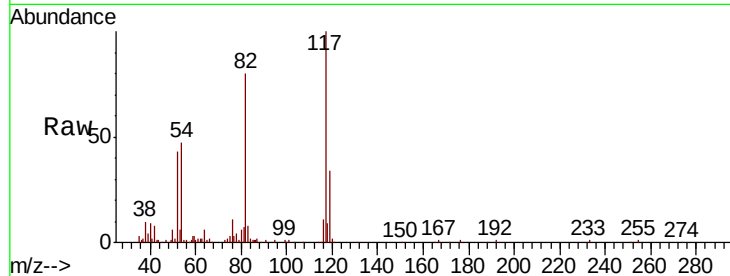
Tgt Ion:117 Resp: 2299495
 Ion Ratio Lower Upper
 117 100
 82 81.5 0.0 0.0#
 119 33.0 0.0 0.0#





#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.001 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Tot Ion	Ratio	Lower	Upper
131	100		
133	0.0	77.7	116.5#
119	0.0	51.6	77.4#

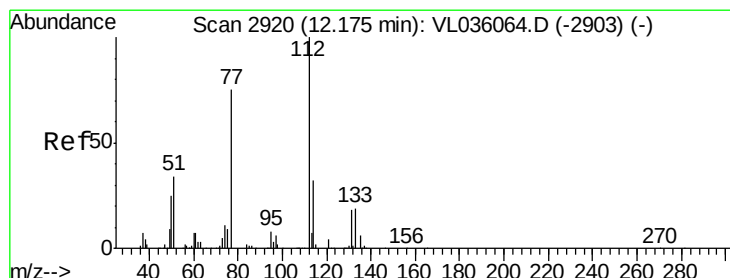
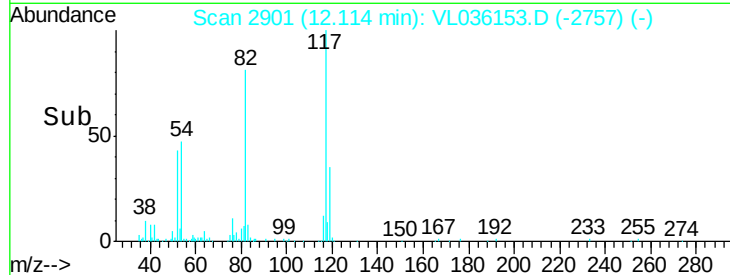
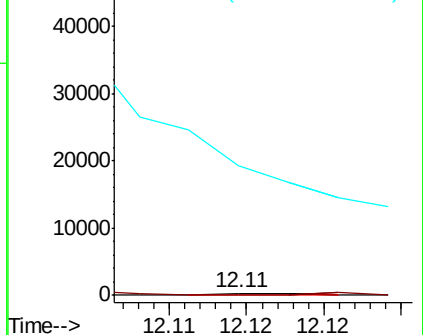


Abundance

Ion 131.00 (130.70 to 131.70): V

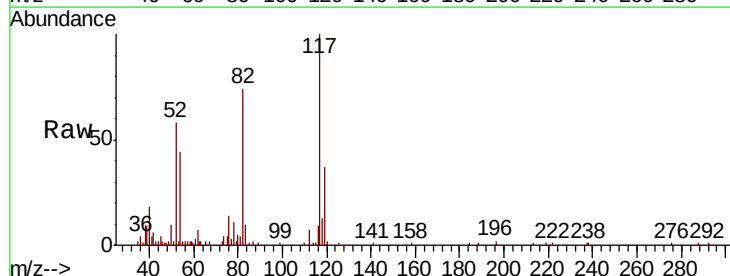
Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#57
 Chlorobenzene
 Concen: 0.003 ppbv
 RT: 12.14 min Scan# 2908
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Tgt Ion	Ratio	Lower	Upper
112	100		
77	11.9	60.5	90.7#
114	14.6	29.2	35.6#

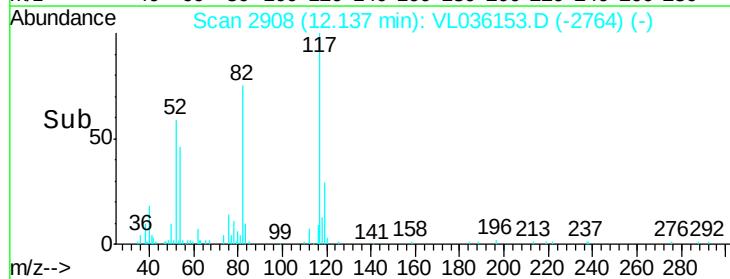
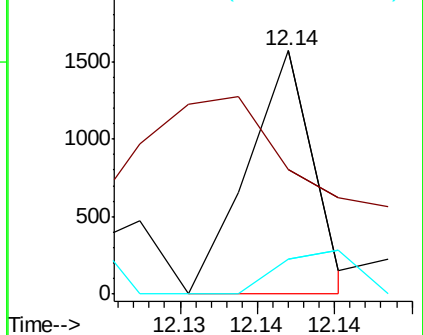


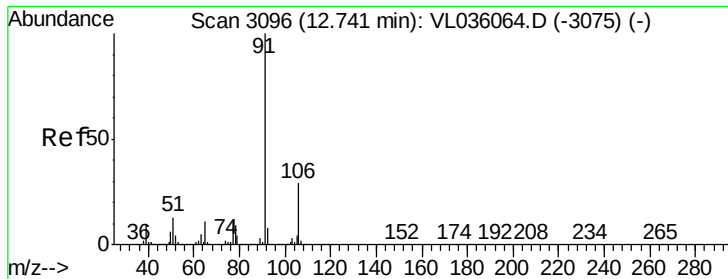
Abundance

Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): V

Ion 114.10 (113.80 to 114.80): V





#58

Ethyl Benzene

Concen: 0.002 ppbv

RT: 12.70 min Scan# 3083

Delta R.T. -0.04 min

Lab File: VL036153.D

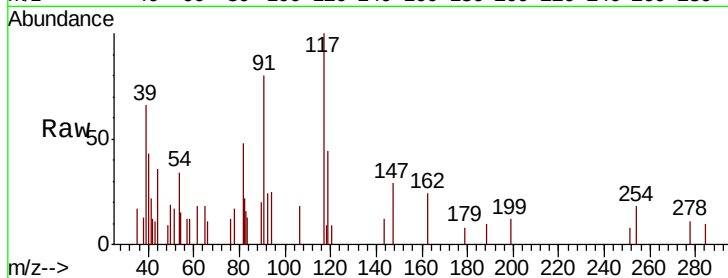
Acq: 11 Dec 2020 7:21

Tot Ion: 91 Resp: 722

Ion Ratio Lower Upper

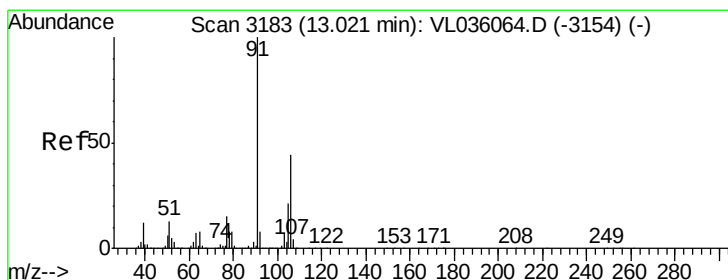
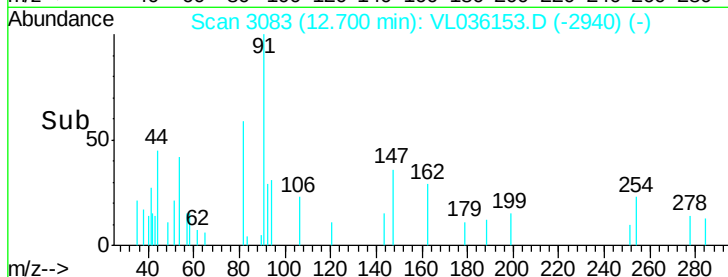
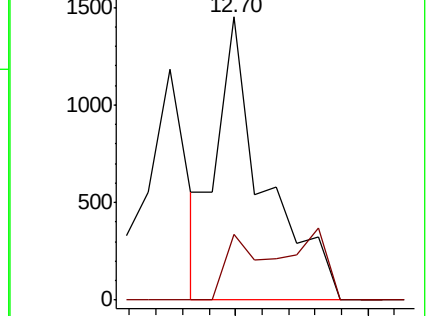
91 100

106 23.0 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: 0.002 ppbv

RT: 12.98 min Scan# 3169

Delta R.T. -0.04 min

Lab File: VL036153.D

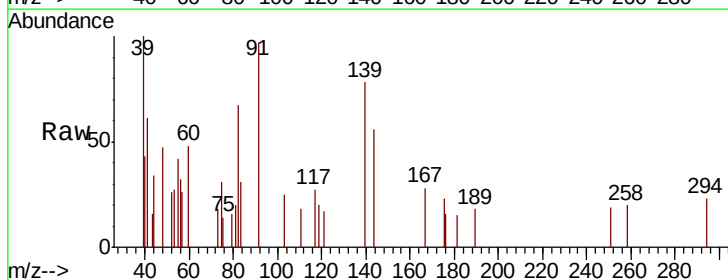
Acq: 11 Dec 2020 7:21

Tgt Ion: 91 Resp: 480

Ion Ratio Lower Upper

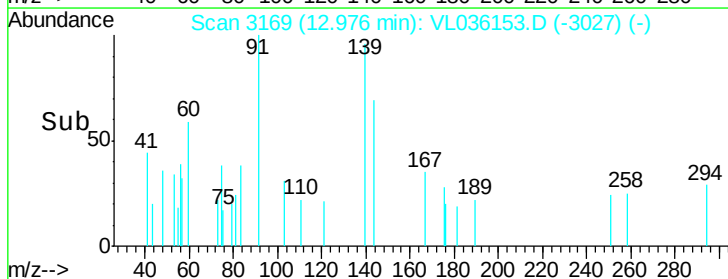
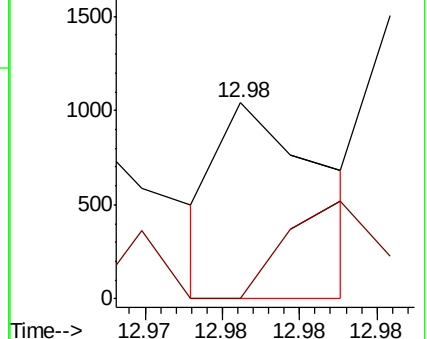
91 100

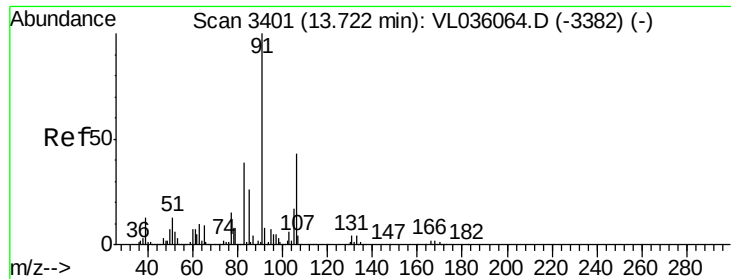
106 0.0 33.6 50.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

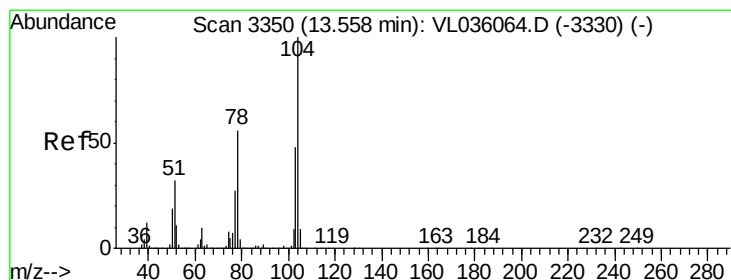
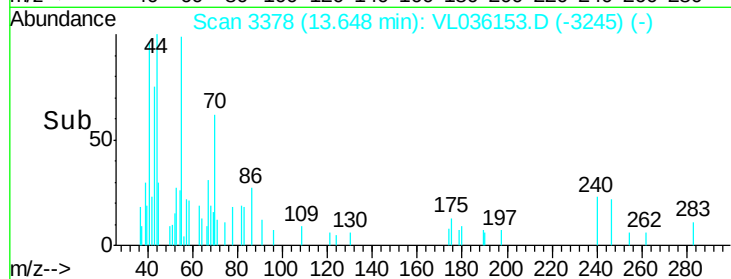
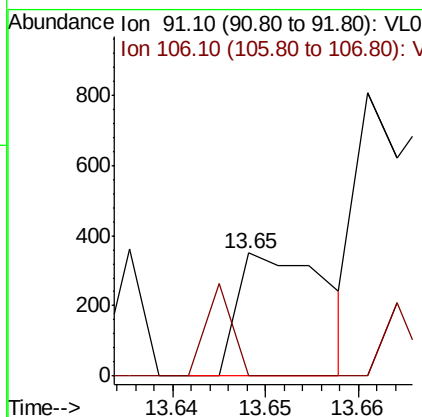
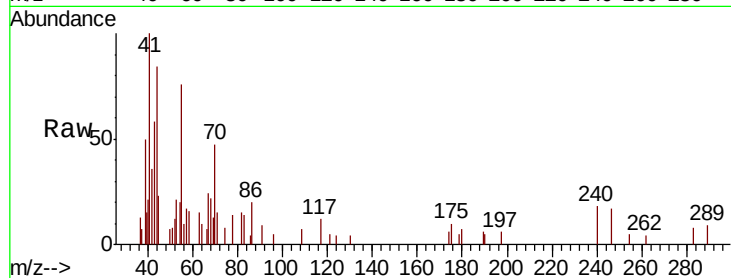
Ion 106.10 (105.80 to 106.80): V





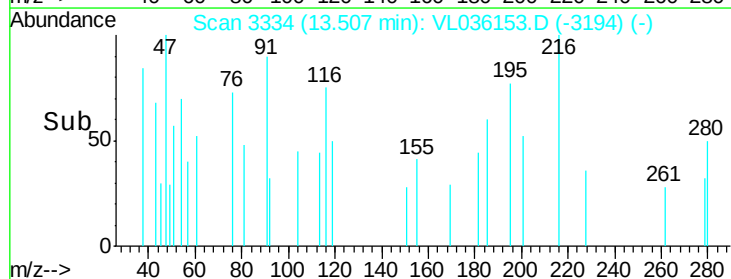
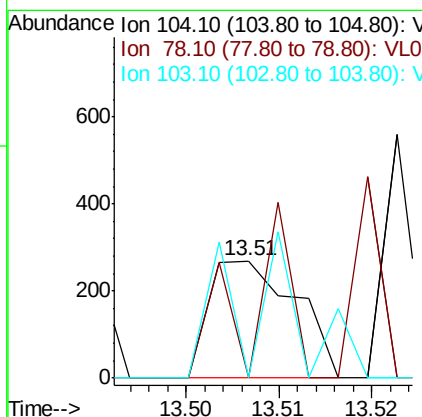
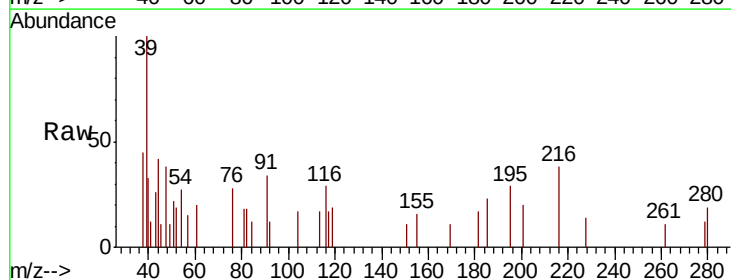
#60
o-Xylene
Concen: 0.001 ppbv
RT: 13.65 min Scan# 3378
Delta R.T. -0.07 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

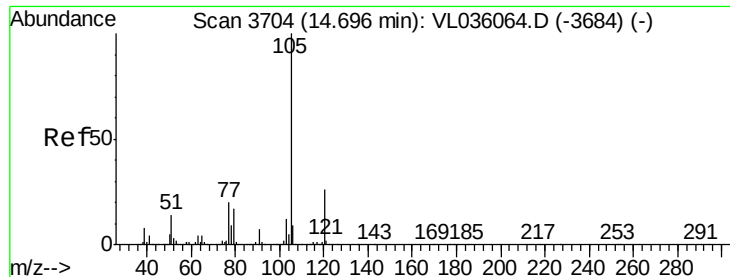
Tot Ion: 91 Resp: 235
Ion Ratio Lower Upper
91 100
106 34.9 21.6 64.6



#61
Styrene
Concen: 0.001 ppbv
RT: 13.51 min Scan# 3334
Delta R.T. -0.05 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

Tgt Ion: 104 Resp: 175
Ion Ratio Lower Upper
104 100
78 0.0 45.8 68.8#
103 89.1 38.6 57.8#





#62

Isopropylbenzene

Concen: 0.002 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. -0.27 min

Lab File: VL036153.D

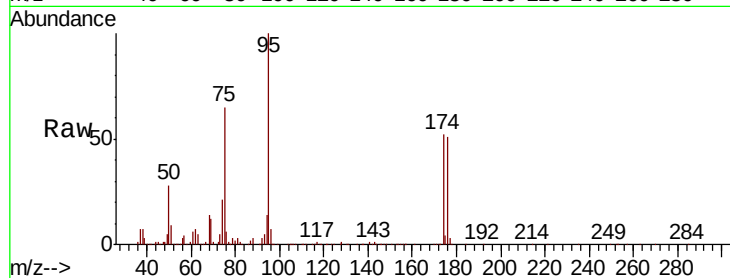
Acq: 11 Dec 2020 7:21

Tot Ion: 105 Resp: 710

Ion Ratio Lower Upper

105 100

120 23.9 20.1 30.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

2500

2000

1500

1000

500

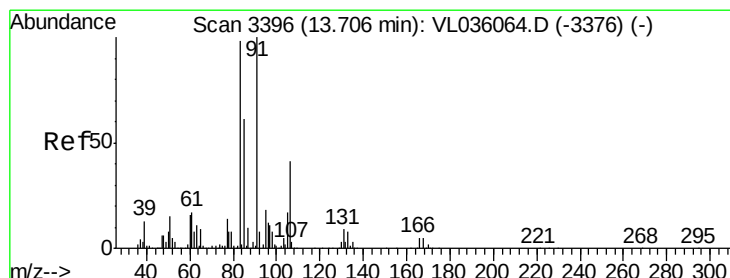
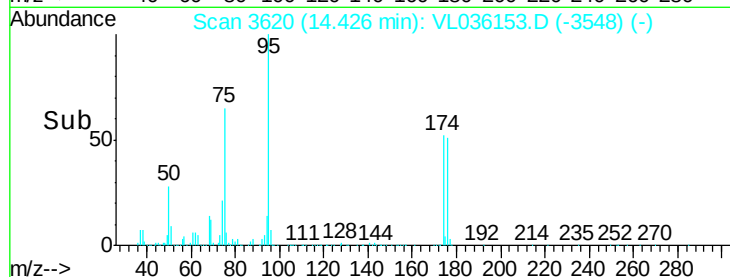
0

14.42

14.43

14.44

Time-->



#63

1,1,2,2-Tetrachloroethane

Concen: 0.002 ppbv

RT: 13.66 min Scan# 3381

Delta R.T. -0.05 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

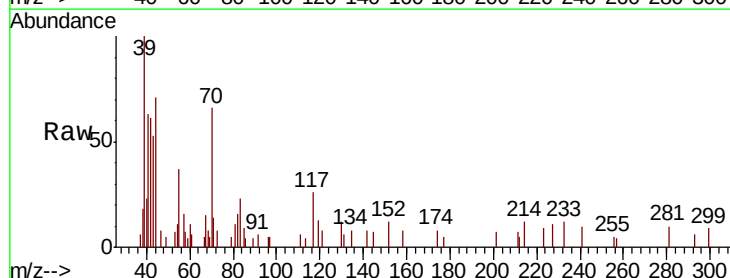
Tgt Ion: 83 Resp: 402

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

85 145.5 32.5 97.5#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0

1000

500

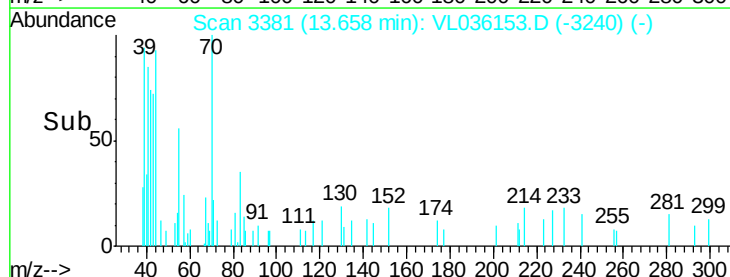
0

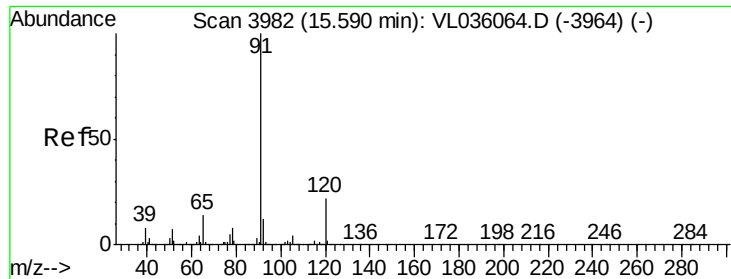
13.65

13.66

13.67

Time-->





#64

n-propylbenzene

Concen: 0.000 ppbv

RT: 15.73 min Scan# 4025

Delta R.T. 0.14 min

Lab File: VL036153.D

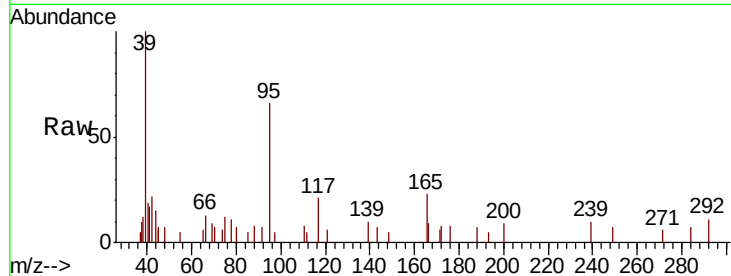
Acq: 11 Dec 2020 7:21

Tot Ion:120 Resp: 43

Ion Ratio Lower Upper

120 100

91 474.4 388.9 583.3



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

15.73

200

150

100

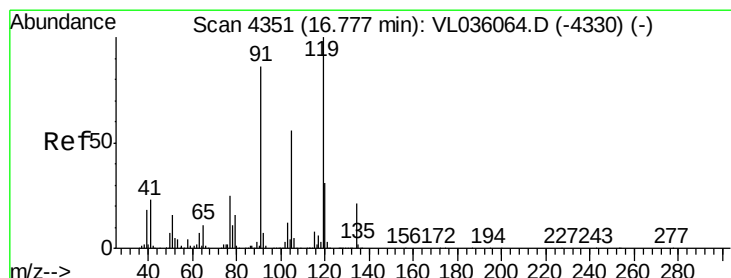
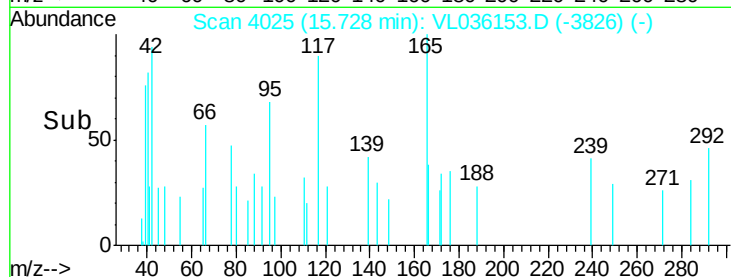
50

0

15.73

15.73

Time-->



#65

tert-Butylbenzene

Concen: 0.001 ppbv

RT: 16.72 min Scan# 4332

Delta R.T. -0.06 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

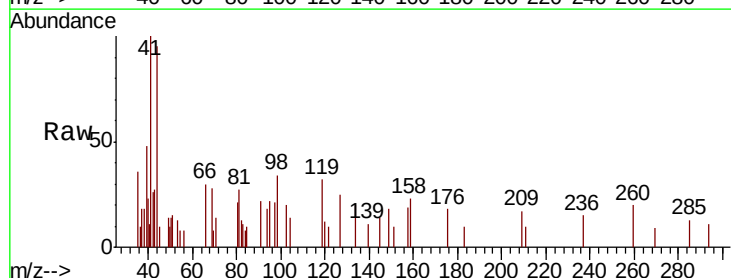
Tgt Ion:119 Resp: 343

Ion Ratio Lower Upper

119 100

91 0.0 70.2 105.2#

134 0.0 15.8 23.6#



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

16.72

1000

800

600

400

200

0

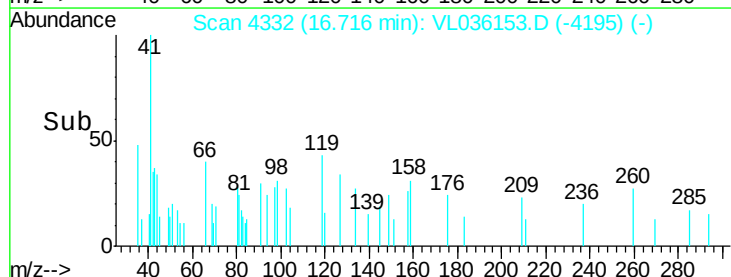
16.71

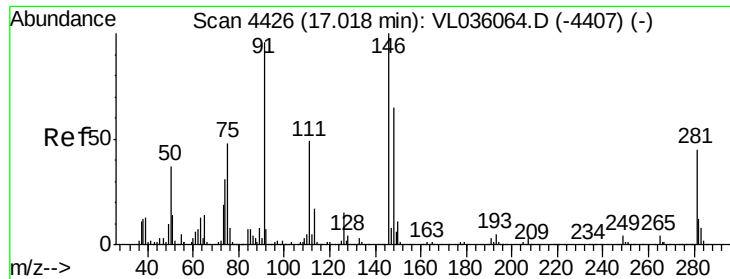
16.72

16.72

16.73

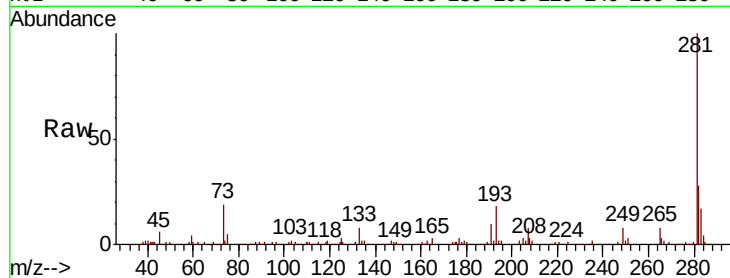
Time-->



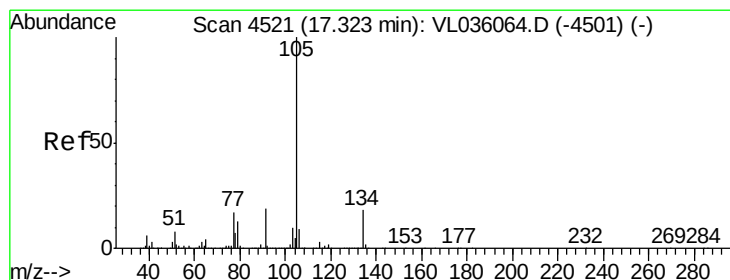
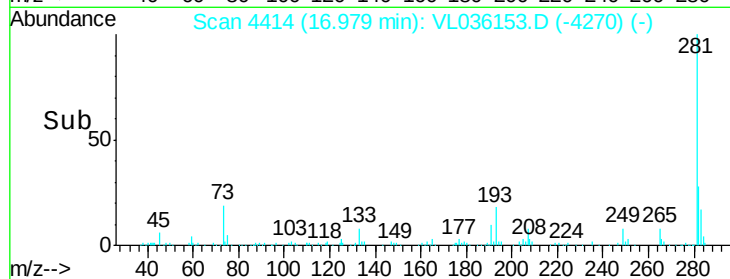
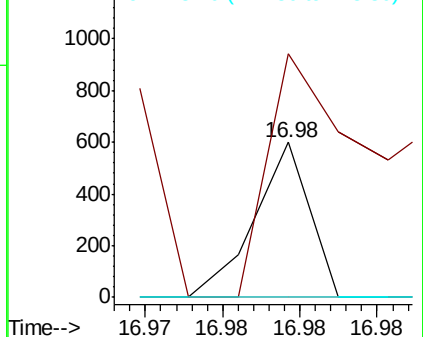


#66
Benzyl Chloride
Concen: 0.002 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. -0.04 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

Tot Ion: 91 Resp: 148
Ion Ratio Lower Upper
91 100
126 820.3 13.5 20.3#
128 0.0 4.4 6.6#

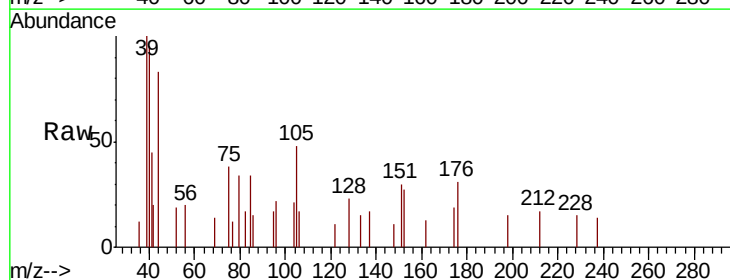


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

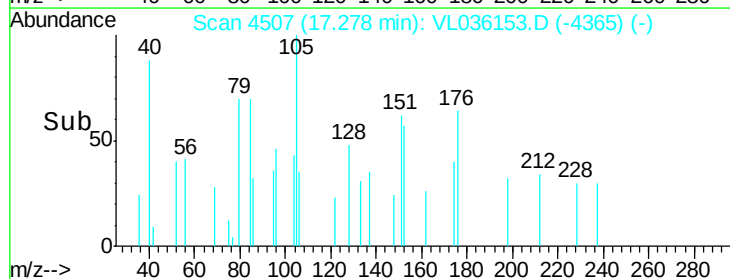
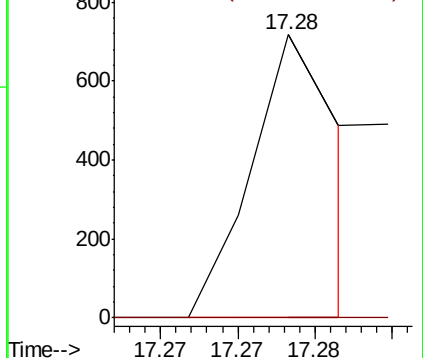


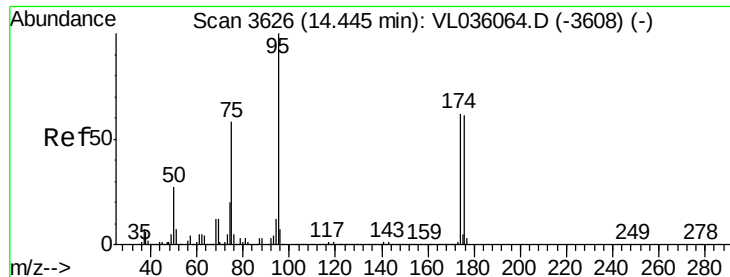
#67
sec-Butylbenzene
Concen: 0.001 ppbv
RT: 17.28 min Scan# 4507
Delta R.T. -0.04 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

Tgt Ion: 105 Resp: 283
Ion Ratio Lower Upper
105 100
134 60.4 14.2 21.4#



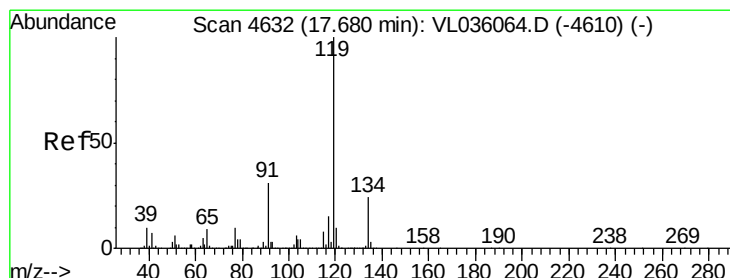
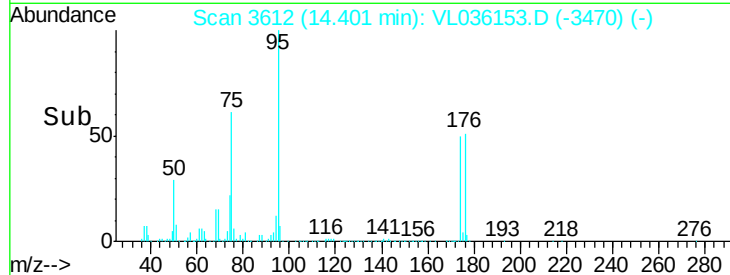
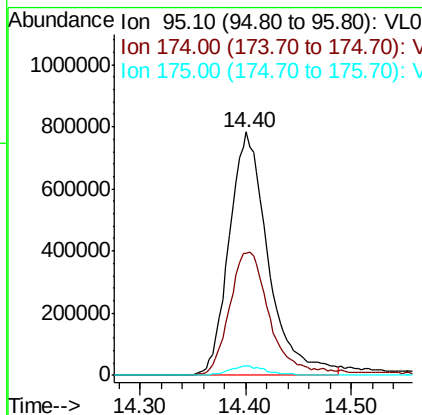
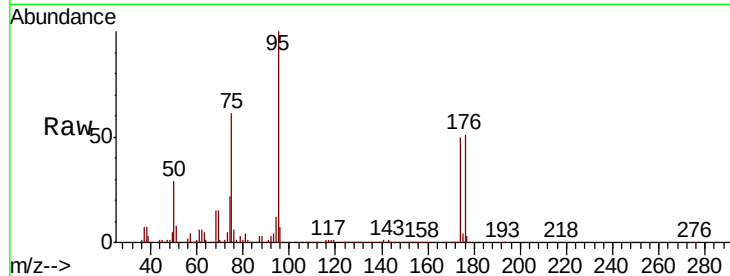
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 134.20 (133.90 to 134.90): V





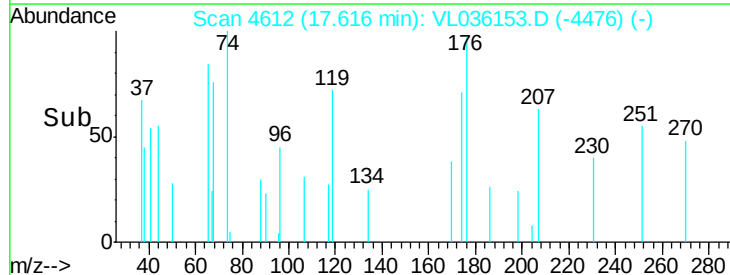
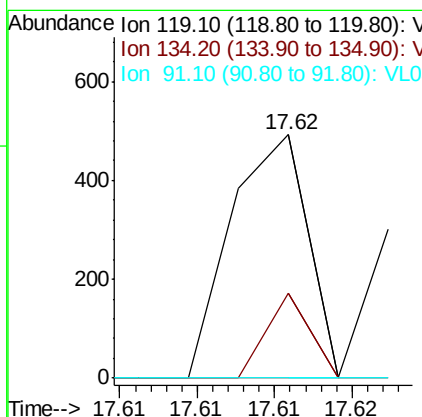
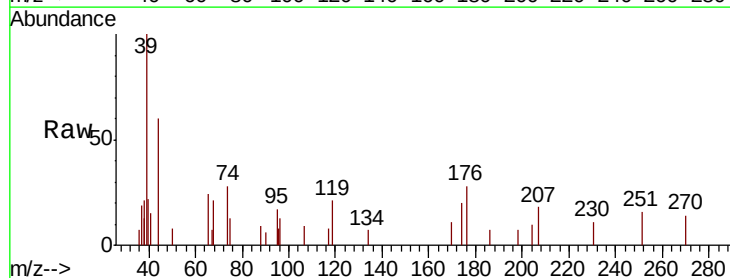
#68
1-Bromo-4-Fluorobenzene
Concen: 11.012 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.04 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

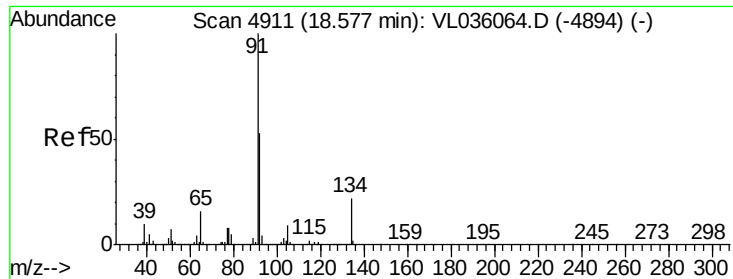
Tot Ion: 95 Resp: 2010728
Ion Ratio Lower Upper
95 100
174 52.8 50.7 76.1
175 3.8 4.0 6.0#



#69
p-Isopropyltoluene
Concen: 0.001 ppbv
RT: 17.62 min Scan# 4612
Delta R.T. -0.06 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

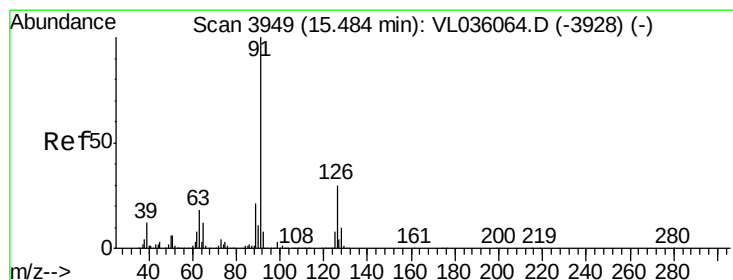
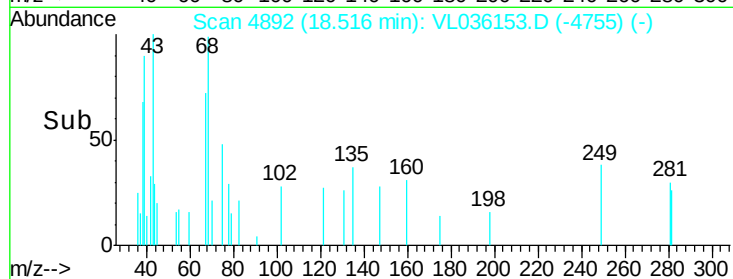
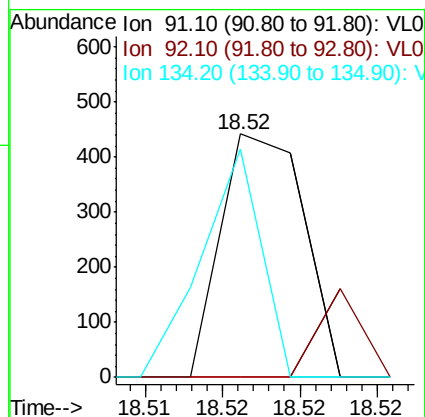
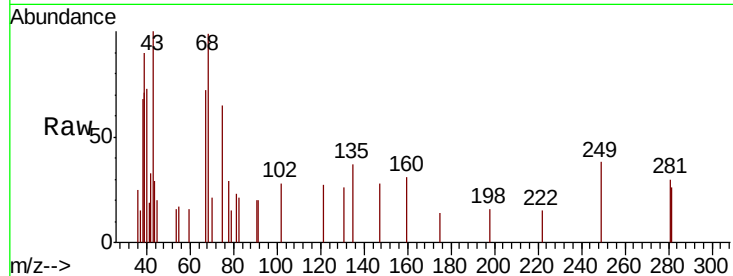
Tgt Ion: 119 Resp: 169
Ion Ratio Lower Upper
119 100
134 0.0 19.8 29.6#
91 0.0 25.8 38.6#





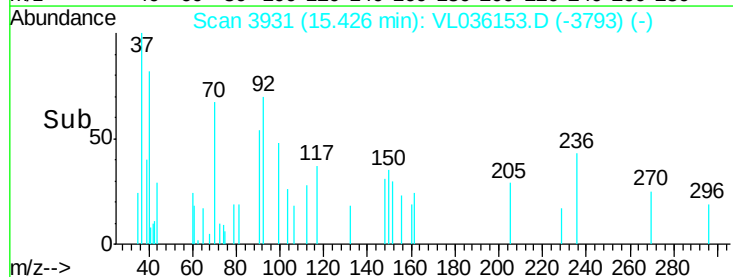
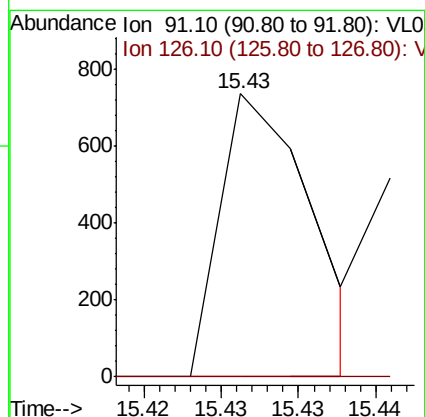
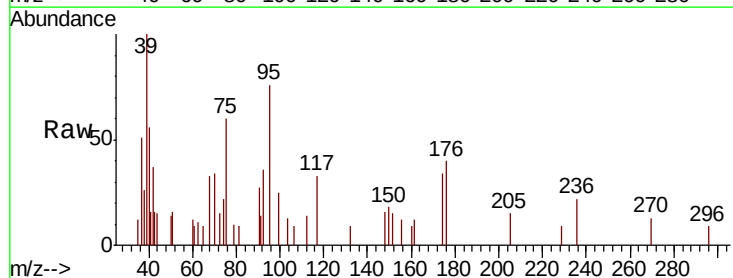
#70
n-Butylbenzene
Concen: 0.000 ppbv
RT: 18.52 min Scan# 4892
Delta R.T. -0.06 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

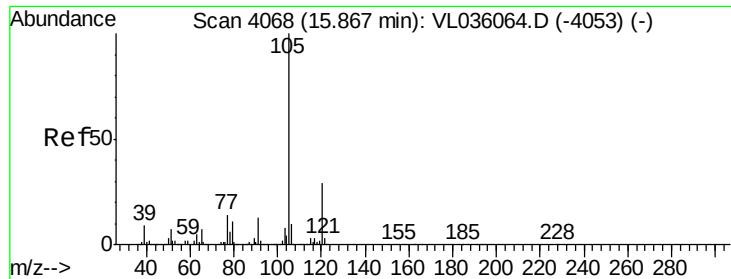
Tot Ion: 91 Resp: 164
Ion Ratio Lower Upper
91 100
92 0.0 43.3 64.9#
134 100.0 17.1 25.7#



#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 15.43 min Scan# 3931
Delta R.T. -0.06 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

Tgt Ion: 91 Resp: 301
Ion Ratio Lower Upper
91 100
126 0.0 11.6 46.4#





#72

4-Ethyltoluene

Concen: 0.001 ppbv

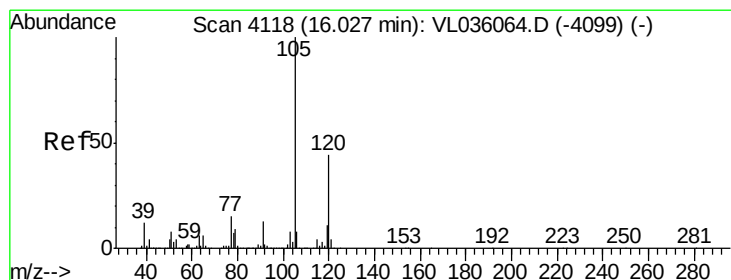
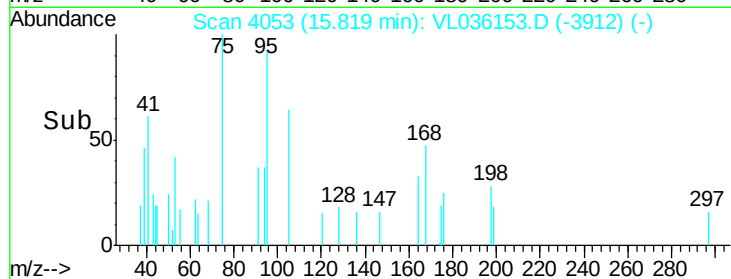
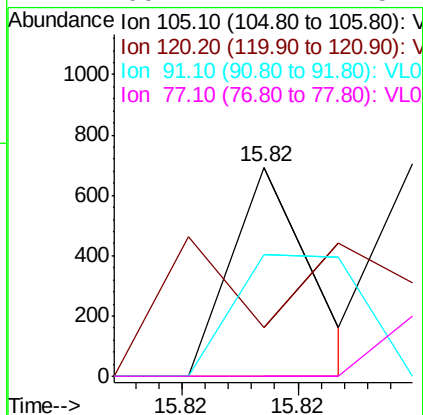
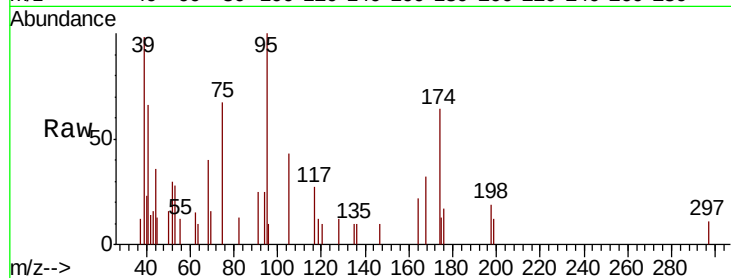
RT: 15.82 min Scan# 4053

Delta R.T. -0.05 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

Tot Ion:	105	Resp:	165
Ion	Ratio	Lower	Upper
105	100		
120	350.9	23.6	35.4#
91	0.0	11.4	17.0#
77	69.7	12.1	18.1#



#73

1,3,5-Trimethylbenzene

Concen: 0.001 ppbv

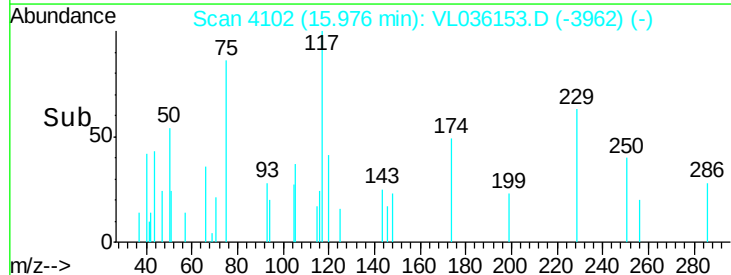
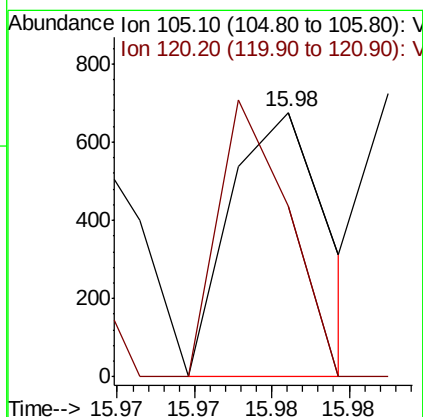
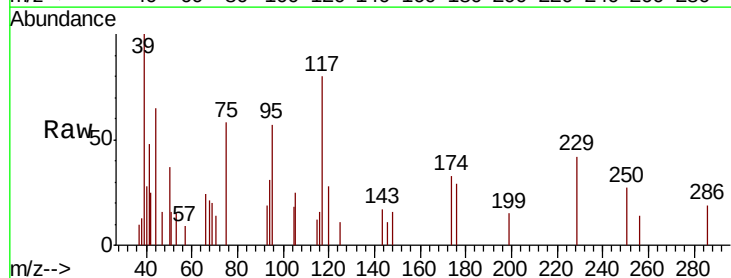
RT: 15.98 min Scan# 4102

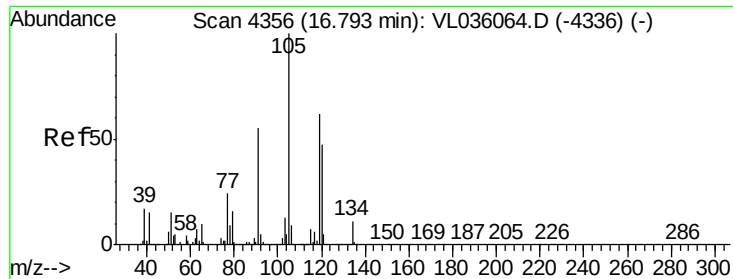
Delta R.T. -0.05 min

Lab File: VL036153.D

Acq: 11 Dec 2020 7:21

Tgt Ion:	105	Resp:	295
Ion	Ratio	Lower	Upper
105	100		
120	64.6	35.4	53.2#

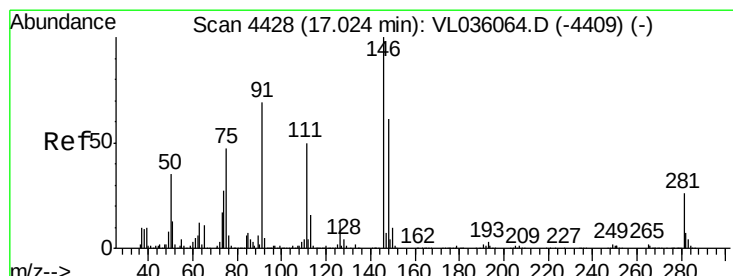
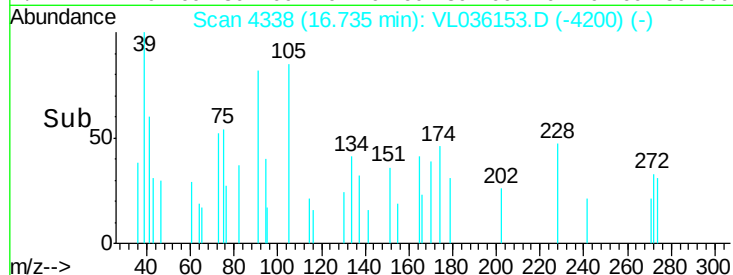
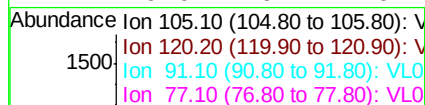
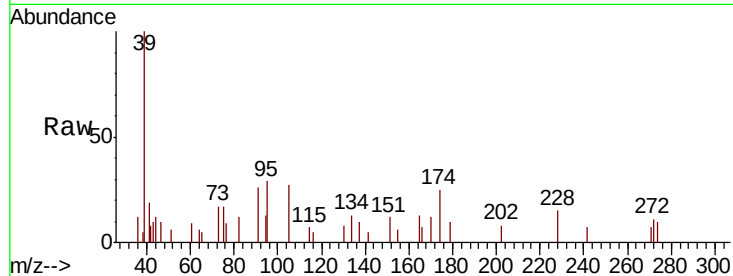




#74

1,2,4-Trimethylbenzene
Concen: 0.001 ppbv
RT: 16.73 min Scan# 4338
Delta R.T. -0.06 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

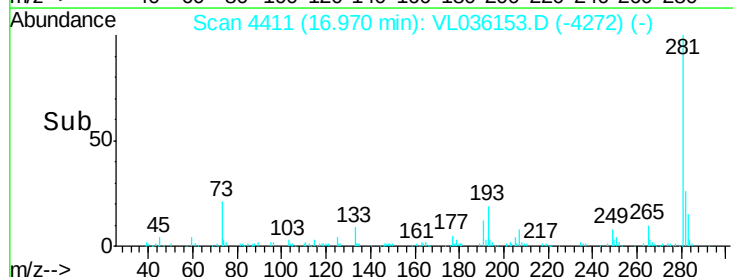
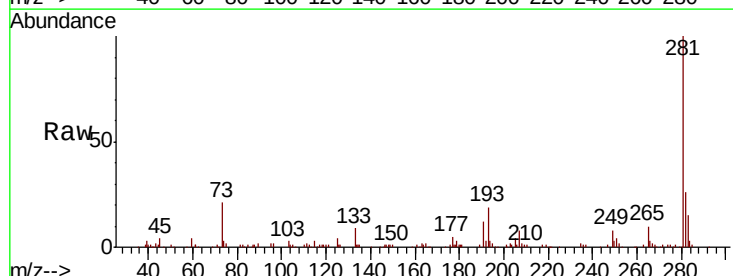
Tot Ion:	105	Resp:	281
Ion Ratio	Lower	Upper	
105	100		
120	0.0	37.4	56.0#
91	96.5	45.6	68.4#
77	0.0	19.4	29.2#

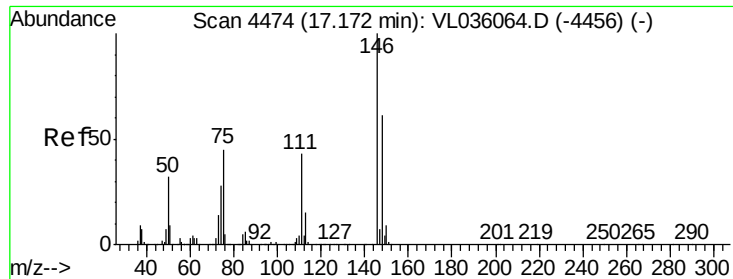


#75

1,3-Dichlorobenzene
Concen: 0.002 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. -0.05 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

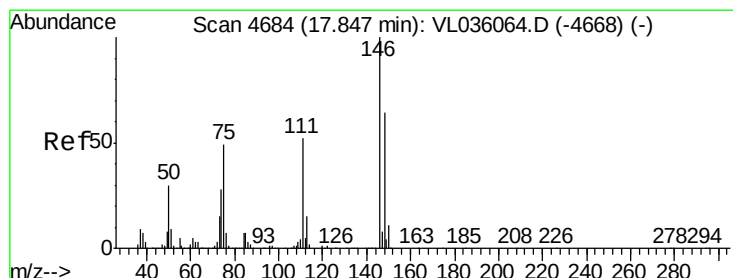
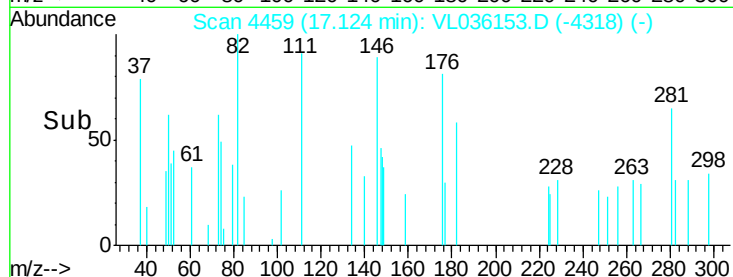
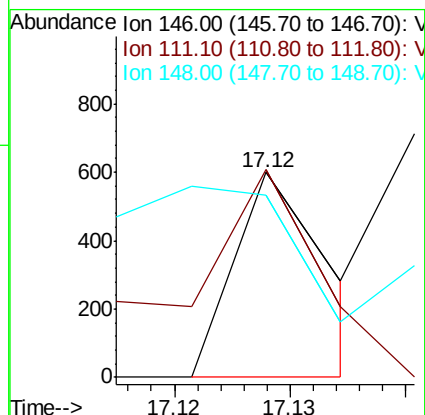
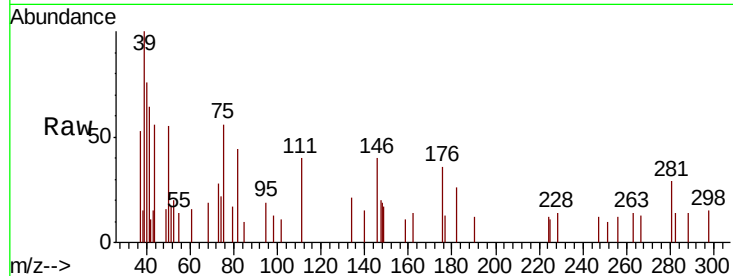
Tgt Ion:	146	Resp:	312
Ion Ratio	Lower	Upper	
146	100		
111	1077.9	25.1	75.3#
148	451.9	32.9	98.6#





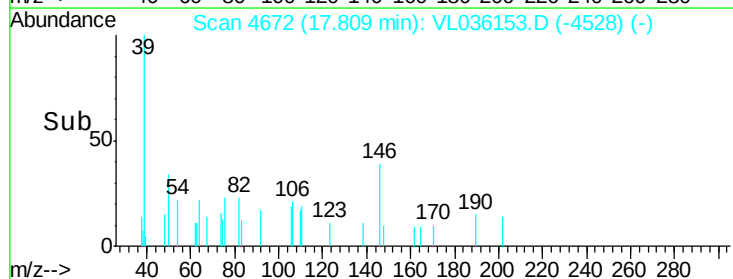
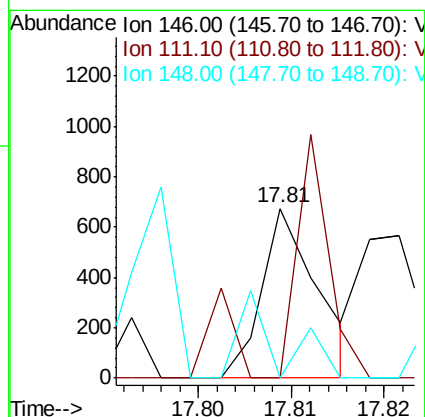
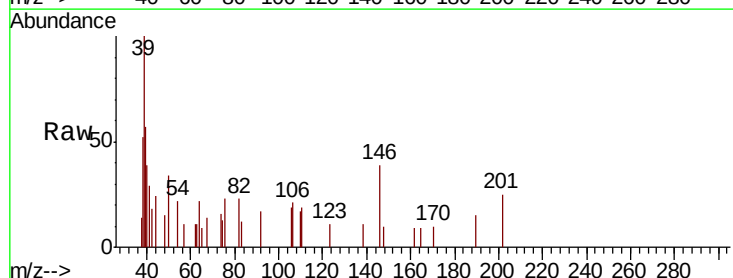
#76
 1,4-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. -0.05 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

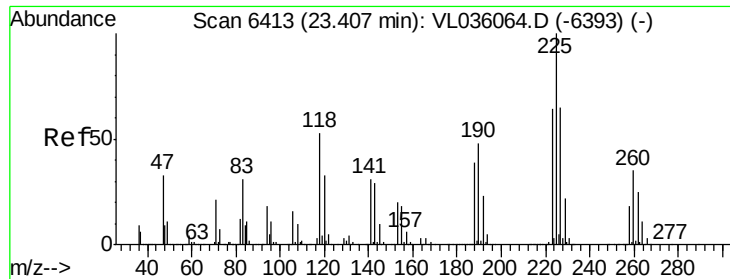
Tot Ion:146 Resp: 171
 Ion Ratio Lower Upper
 146 100
 111 173.7 24.3 72.8#
 148 0.0 32.8 98.3#



#77
 1,2-Dichlorobenzene
 Concen: 0.002 ppbv
 RT: 17.81 min Scan# 4672
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Tgt Ion:146 Resp: 280
 Ion Ratio Lower Upper
 146 100
 111 170.7 26.1 78.2#
 148 0.0 33.1 99.5#

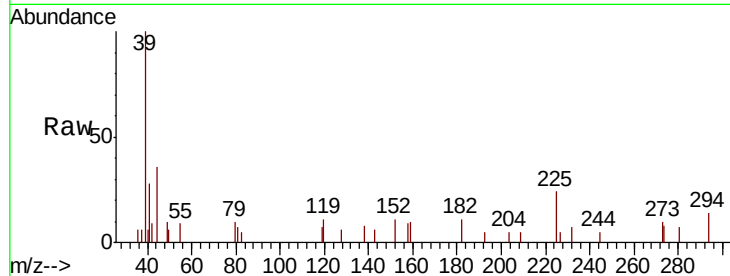




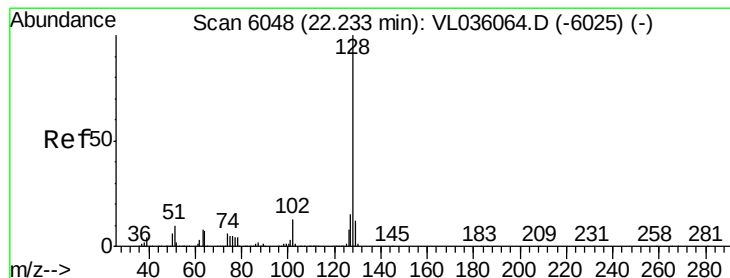
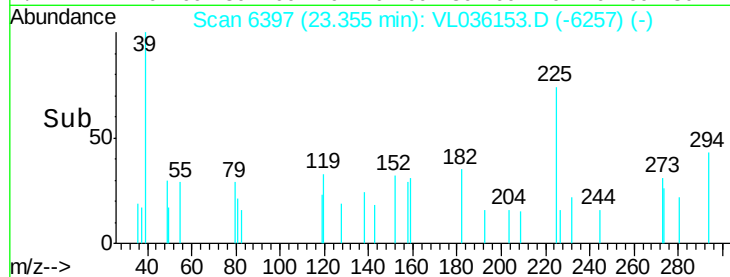
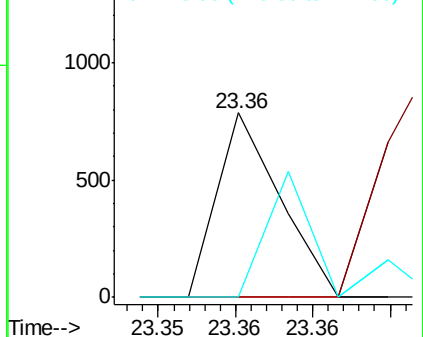
#78

Hexachloro-1,3-Butadiene
Concen: 0.002 ppbv
RT: 23.36 min Scan# 6397
Delta R.T. -0.05 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

Tot Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.1	76.7#
227	60.2	51.7	77.5



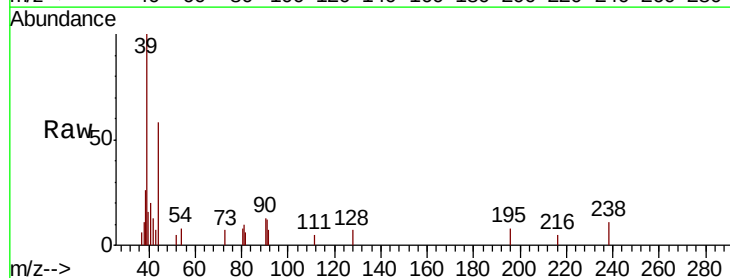
Abundance Ion 224.90 (224.60 to 225.60): V
Ion 222.90 (222.60 to 223.60): V
Ion 226.90 (226.60 to 227.60): V



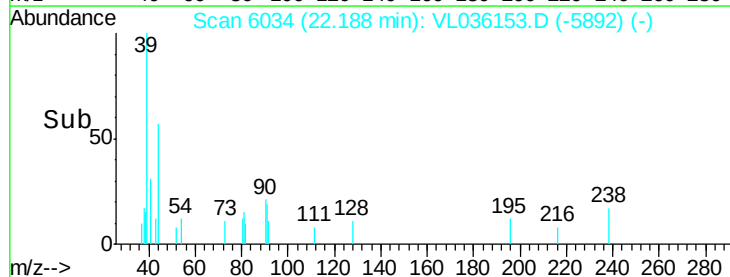
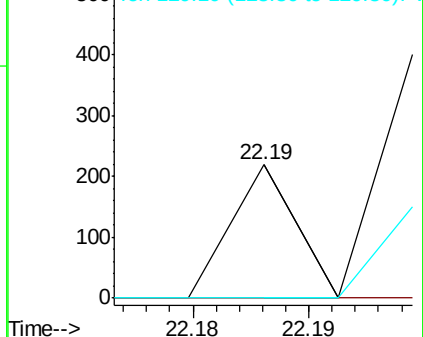
#79

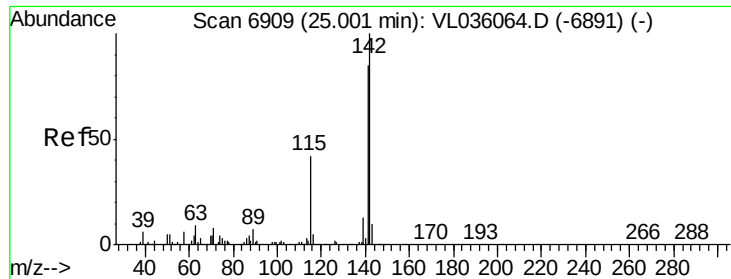
Naphthalene
Concen: 0.000 ppbv
RT: 22.19 min Scan# 6034
Delta R.T. -0.04 min
Lab File: VL036153.D
Acq: 11 Dec 2020 7:21

Tgt Ion	Ratio	Lower	Upper
128	100		
127	100.0	11.7	17.5#
129	0.0	9.3	13.9#



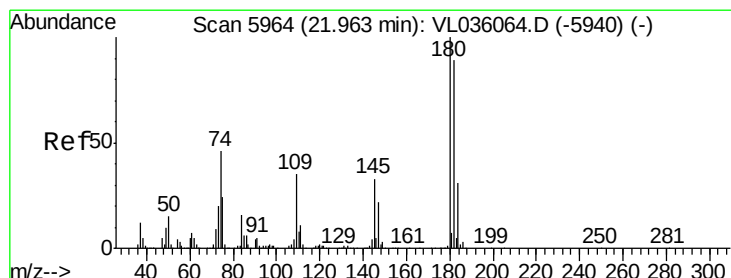
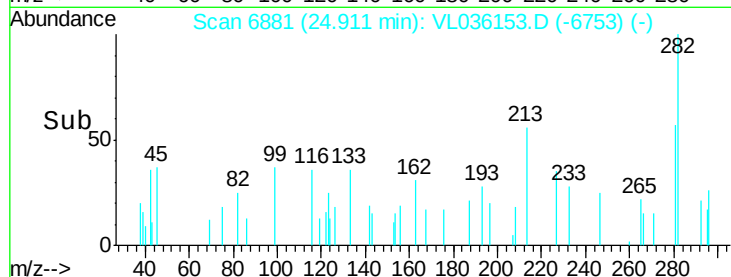
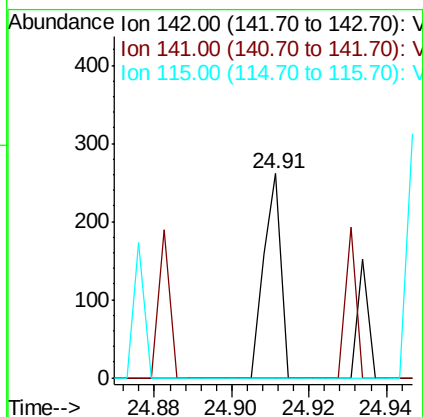
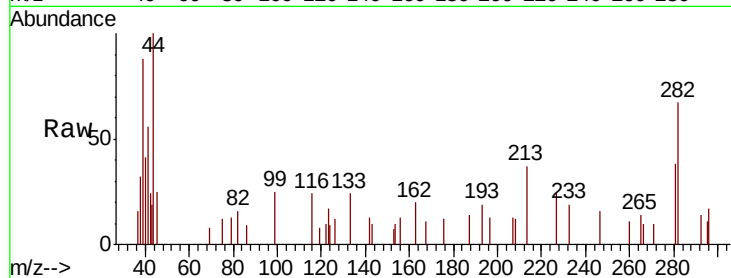
Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V





#80
 Naphthalene, 2-methyl-
 Concen: 0.003 ppbv
 RT: 24.91 min Scan# 6881
 Delta R.T. -0.09 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Tot Ion	Ratio	Lower	Upper
142	100		
141	0.0	64.3	96.5#
115	74.1	33.9	50.9#



#81
 1,2,4-Trichlorobenzene
 Concen: 0.002 ppbv
 RT: 21.92 min Scan# 5951
 Delta R.T. -0.04 min
 Lab File: VL036153.D
 Acq: 11 Dec 2020 7:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	122.5	0.0	0.0#
184	43.9	0.0	0.0#

