

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036144.D
 Acq On : 11 Dec 2020 1:26
 Operator : SY/AP
 Sample : L4948-16DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 11 04:59:47 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	1316791	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2583188	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2365307	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2021946	10.77	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.03	85	171164	1.115	ppbv # 84
3) Chlorodifluoromethane	2.98	51	13749	0.092	ppbv 96
4) Chloromethane	3.13	50	956	0.013	ppbv # 41
5) Vinyl Chloride	3.25	62	185	0.002	ppbv # 44
6) Bromomethane	3.50	94	180	0.004	ppbv # 1
7) Chloroethane	3.31	64	122	0.004	ppbv # 40
9) Propene	3.09	41	608	0.008	ppbv 83
10) Heptane	8.10	43	866	0.005	ppbv # 29
11) Trichlorofluoromethane	3.93	101	3127	0.017	ppbv # 61
12) 1,1,2-Trichlorotrifluoroet	4.67	101	137	0.001	ppbv 88
13) Ethanol	3.59	45	131601m	12.684	ppbv
14) Bromoethene	3.76	108	96	0.002	ppbv # 1
15) Acetone	3.84	43	192450	1.216	ppbv # 89
16) 1,3-Butadiene	3.32	39	859	0.011	ppbv # 11
17) tert-Butyl alcohol	4.28	59	846	0.006	ppbv # 71
18) 1,1-Dichloroethene	4.27	96	895	0.016	ppbv # 26
19) Isopropyl Alcohol	3.97	45	54352m	0.562	ppbv
20) Methylene Chloride	4.32	84	27277m	0.421	ppbv
21) Allvl Chloride	4.39	41	254	0.002	ppbv # 18
22) trans-1,2-Dichloroethene	4.87	96	642	0.012	ppbv # 61
23) Vinyl Acetate	5.06	43	1003	0.005	ppbv # 1
24) 1,1-Dichloroethane	5.00	63	68634m	0.463	ppbv
25) Ethyl Acetate	5.67	43	5291	0.017	ppbv # 76
27) Carbon Disulfide	4.53	76	379	0.003	ppbv # 59
28) Methyl tert-Butyl Ether	5.02	73	310	0.002	ppbv # 51
29) Chloroform	5.73	83	2226	0.012	ppbv 90
30) Cyclohexane	7.12	84	2261	0.022	ppbv # 1
31) cis-1,2-Dichloroethene	5.54	61	2578	0.020	ppbv # 66
32) 1,1,1-Trichloroethane	6.49	97	514298	2.667	ppbv 95
35) Carbon Tetrachloride	7.39	117	242	0.002	ppbv # 13
36) Benzene	6.87	78	4062	0.019	ppbv # 76
37) 1,2-Dichloroethane	6.28	62	830	0.007	ppbv # 83
38) Trichloroethene	7.82	130	139002	1.699	ppbv # 88
40) 1,4-Dioxane	7.82	88	326	0.012	ppbv # 1
41) Tetrahydrofuran	6.02	42	345	0.003	ppbv # 40
42) Bromodichloromethane	7.77	83	401	0.002	ppbv # 57
43) Methyl Methacrylate	8.00	69	186	0.002	ppbv # 1
44) 2,2,4-Trimethylpentane	7.84	57	2376	0.006	ppbv # 41
45) t-1,3-Dichloropropene	9.14	75	110	0.001	ppbv # 42
46) cis-1,3-Dichloropropene	8.72	75	140	0.001	ppbv # 62
47) 1,1,2-Trichloroethane	9.45	97	246	0.003	ppbv # 50

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

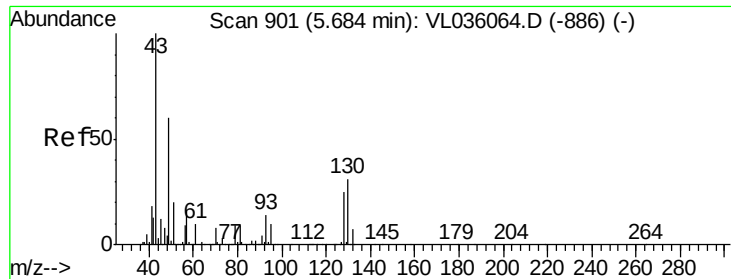
QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration

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

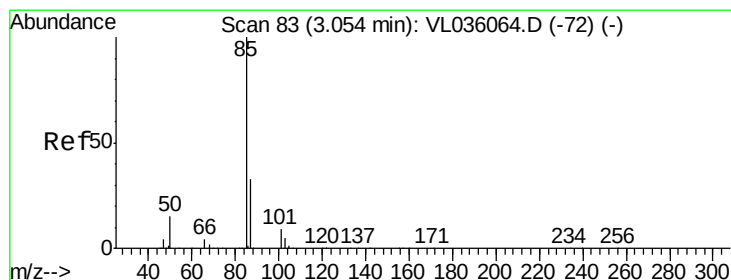
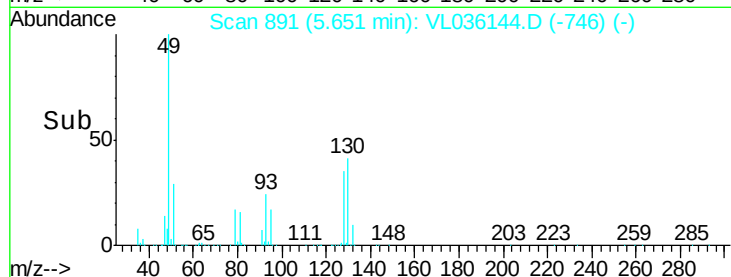
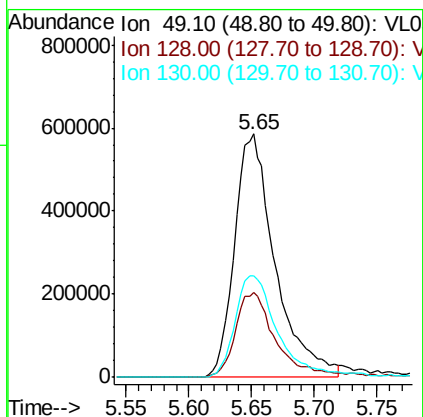
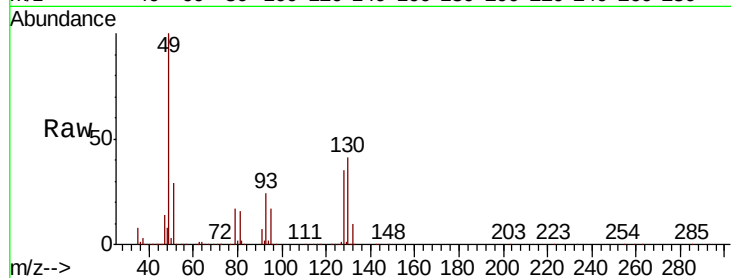
48) Dibromochloromethane	10.10	129	128	0.001	ppbv	57
49) Bromoform	12.98	173	87	0.001	ppbv #	7
50) 4-Methyl-2-Pentanone	8.71	43	359	0.001	ppbv #	40
51) 2-Hexanone	10.08	43	553	0.003	ppbv #	29
52) Tetrachloroethene	11.21	164	1565564	19.755	ppbv	94
53) Toluene	9.77	91	1489	0.006	ppbv #	21
54) 1,2-Dibromoethane	10.60	107	118	0.001	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.13	131	603	0.006	ppbv #	8
57) Chlorobenzene	12.13	112	661	0.004	ppbv #	21
58) Ethyl Benzene	12.70	91	23363m	0.072	ppbv	
59) m/p-Xylene	12.96	91	82539m	0.302	ppbv	
60) o-Xylene	13.68	91	32768m	0.127	ppbv	
61) Styrene	13.52	104	199	0.001	ppbv #	1
62) Isopropylbenzene	14.65	105	1800	0.005	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	13.66	83	149	0.001	ppbv #	25
64) n-propylbenzene	15.53	120	92	0.001	ppbv	67
65) tert-Butylbenzene	16.73	119	525	0.002	ppbv #	1
66) Benzyl Chloride	16.95	91	41	0.001	ppbv #	1
67) sec-Butylbenzene	17.27	105	589	0.001	ppbv #	60
69) p-Isopropyltoluene	17.62	119	148	0.000	ppbv #	46
70) n-Butylbenzene	18.53	91	32	0.000	ppbv #	33
71) 2-Chlorotoluene	15.48	91	363	0.001	ppbv	68
72) 4-Ethyltoluene	15.82	105	831	0.003	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.98	105	317	0.001	ppbv	96
74) 1,2,4-Trimethylbenzene	16.73	105	954	0.004	ppbv #	62
75) 1,3-Dichlorobenzene	16.97	146	38	0.000	ppbv #	22
76) 1,4-Dichlorobenzene	17.12	146	39	0.000	ppbv #	1
77) 1,2-Dichlorobenzene	17.79	146	81	0.001	ppbv #	21
78) Hexachloro-1,3-Butadiene	23.36	225	180	0.002	ppbv #	67
79) Naphthalene	22.18	128	187	0.001	ppbv #	67
80) Naphthalene,2-methyl-	24.91	142	226	0.007	ppbv #	36
81) 1,2,4-Trichlorobenzene	21.94	180	141	0.002	ppbv #	100

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



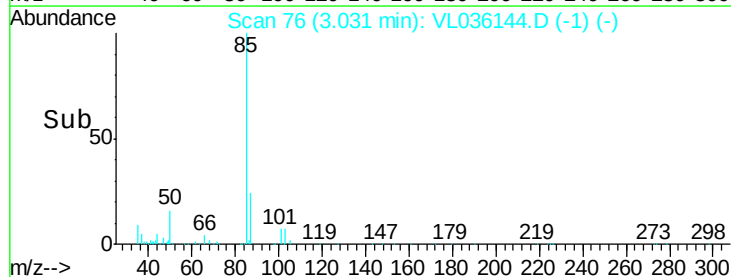
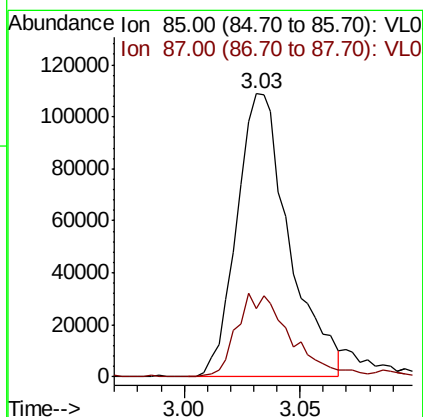
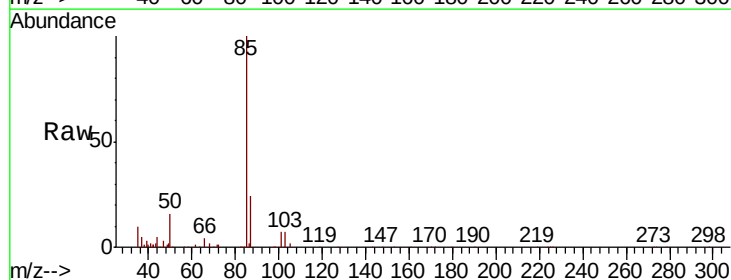
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.03 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

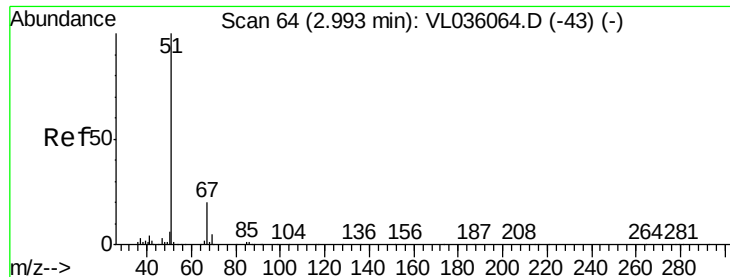
Tot Ion: 49 Resp: 1316791
Ion Ratio Lower Upper
49 100
128 36.3 21.1 63.1
130 45.3 27.1 81.3



#2
Dichlorodifluoromethane
Concen: 1.115 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.02 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

Tgt Ion: 85 Resp: 171164
Ion Ratio Lower Upper
85 100
87 24.1 26.5 39.7#





#3

Chlorodifluoromethane

Concen: 0.092 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.02 min

Lab File: VL036144.D

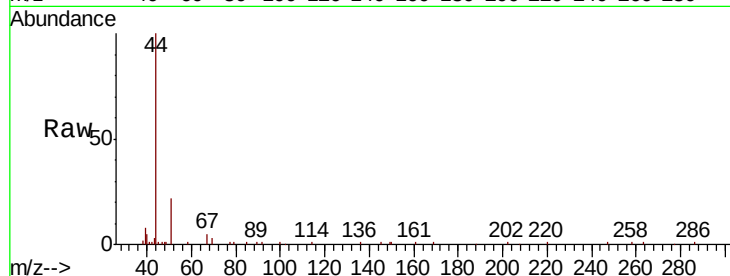
Acq: 11 Dec 2020 1:26

Tot Ion: 51 Resp: 13749

Ion Ratio Lower Upper

51 100

67 19.5 14.3 21.5



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.98

8000

6000

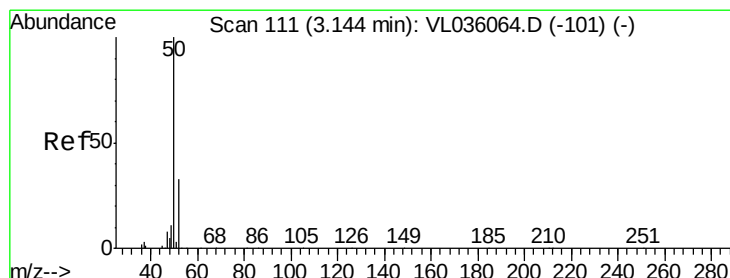
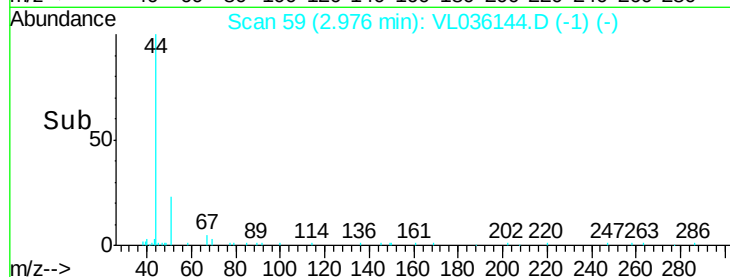
4000

2000

0

2.90 2.95 3.00 3.05

Time-->



#4

Chloromethane

Concen: 0.013 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.02 min

Lab File: VL036144.D

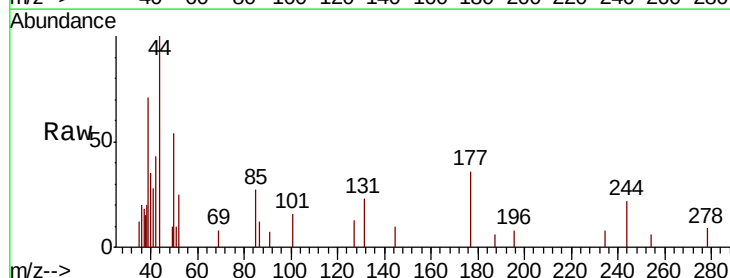
Acq: 11 Dec 2020 1:26

Tgt Ion: 50 Resp: 956

Ion Ratio Lower Upper

50 100

52 65.8 26.1 39.1#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

1500

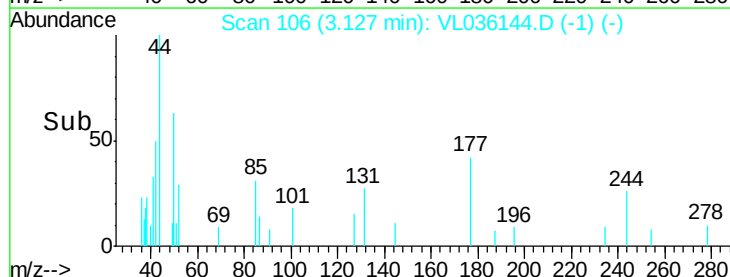
1000

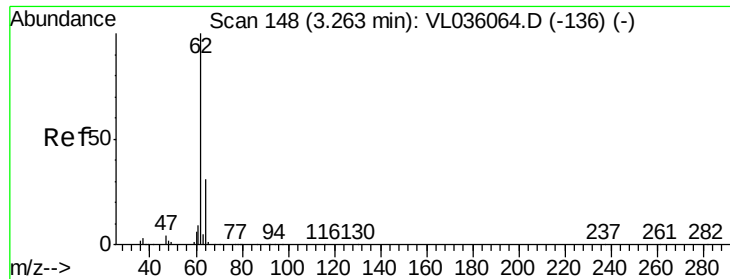
500

0

3.11 3.12 3.13 3.14

Time-->





#5

Vinyl Chloride

Concen: 0.002 ppbv

RT: 3.25 min Scan# 144

Delta R.T. -0.01 min

Lab File: VL036144.D

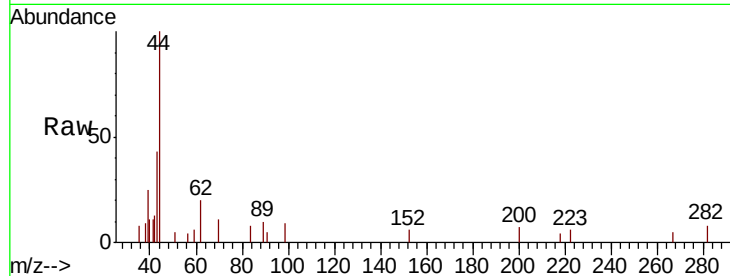
Acq: 11 Dec 2020 1:26

Tot Ion: 62 Resp: 185

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

3.25

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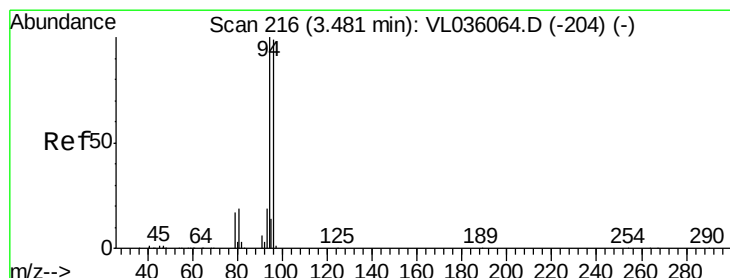
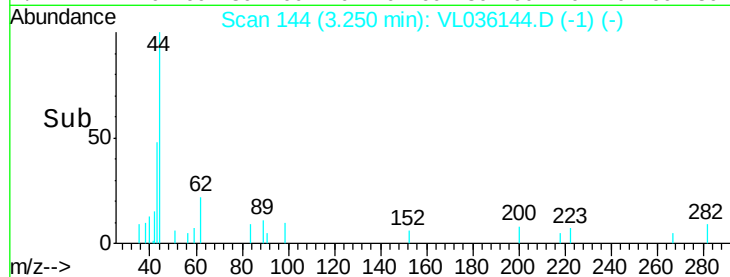
3.25

3.25

3.25

3.25

3.25



#6

Bromomethane

Concen: 0.004 ppbv

RT: 3.50 min Scan# 222

Delta R.T. 0.02 min

Lab File: VL036144.D

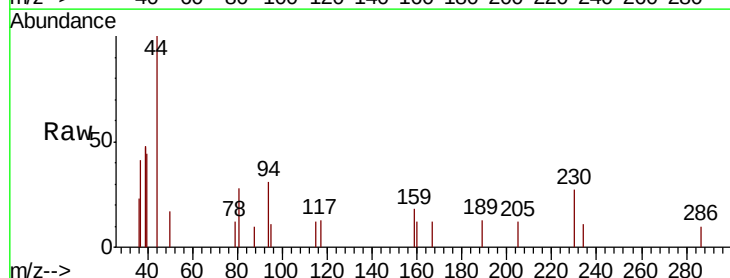
Acq: 11 Dec 2020 1:26

Tgt Ion: 94 Resp: 180

Ion Ratio Lower Upper

94 100

96 0.0 79.4 119.0#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.50

3.50

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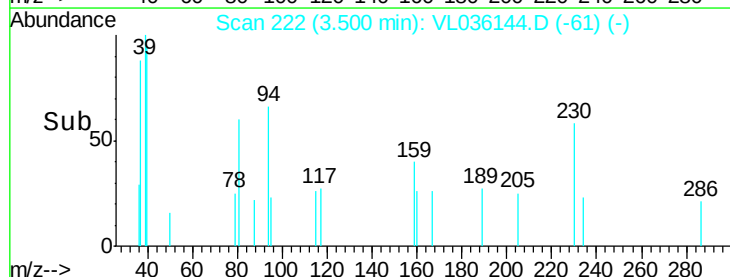
3.50

3.50

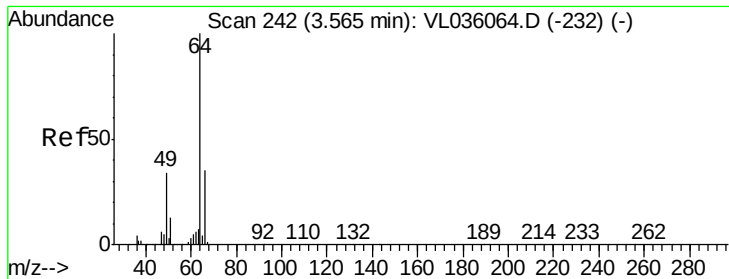
3.50

3.50

3.50



Time-->



#7

Chloroethane

Concen: 0.004 ppbv

RT: 3.31 min Scan# 163

Delta R.T. -0.25 min

Lab File: VL036144.D

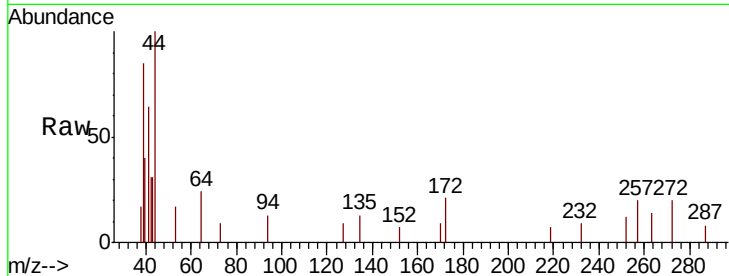
Acq: 11 Dec 2020 1:26

Tot Ion: 64 Resp: 122

Ion Ratio Lower Upper

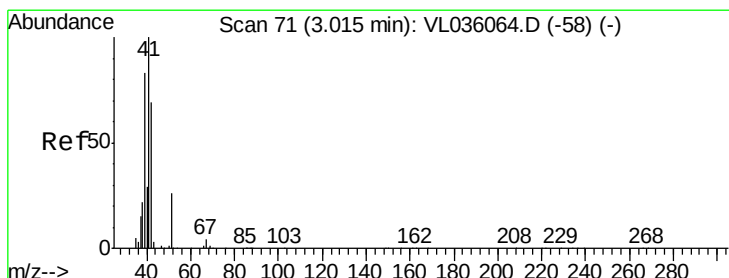
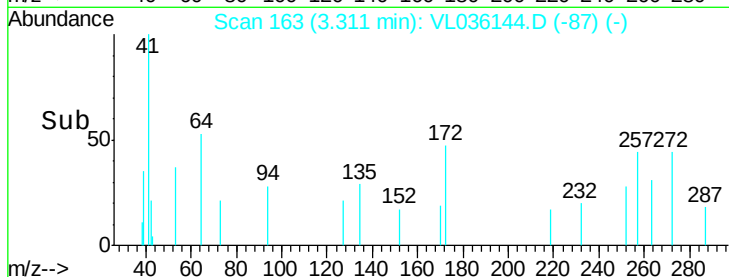
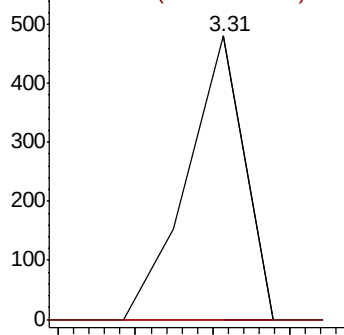
64 100

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



#9

Propene

Concen: 0.008 ppbv

RT: 3.09 min Scan# 93

Delta R.T. 0.07 min

Lab File: VL036144.D

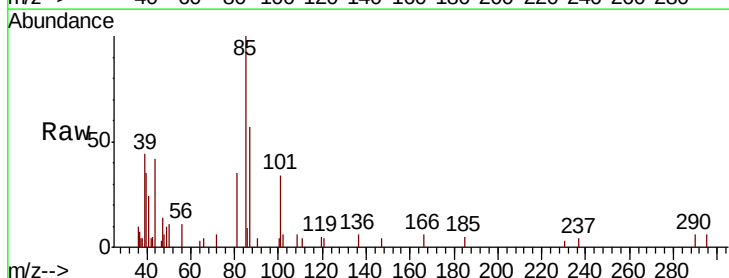
Acq: 11 Dec 2020 1:26

Tgt Ion: 41 Resp: 608

Ion Ratio Lower Upper

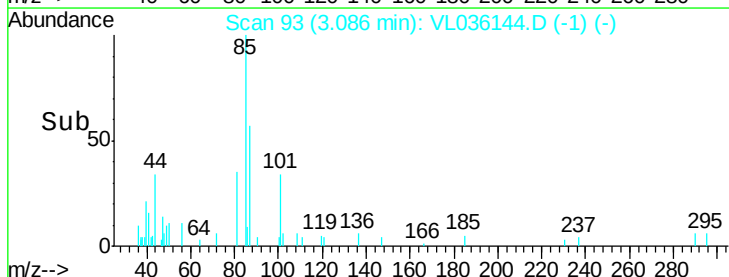
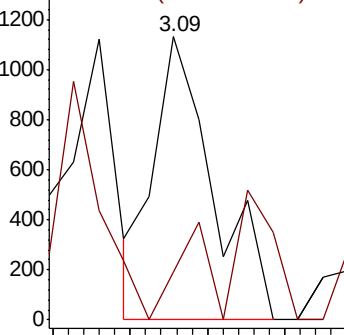
41 100

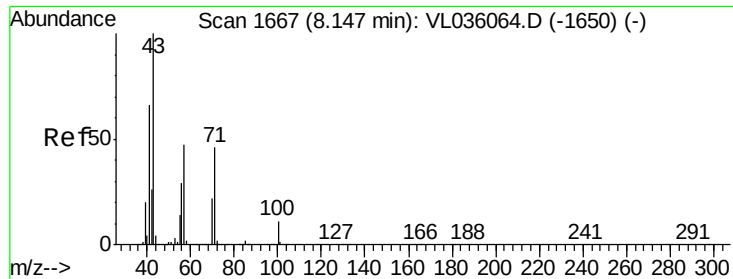
42 85.0 57.0 85.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.005 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. -0.05 min

Lab File: VL036144.D

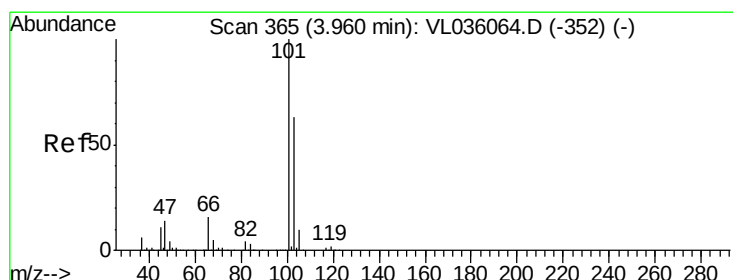
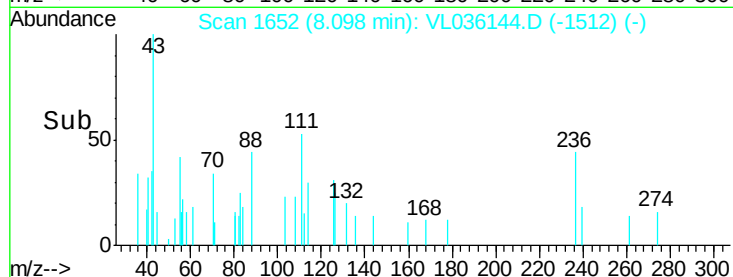
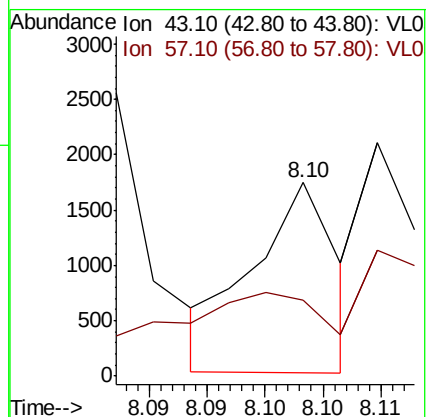
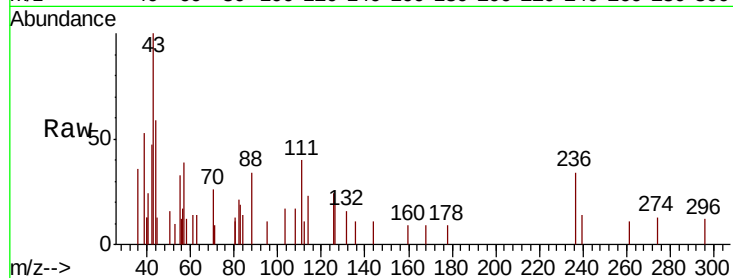
Acq: 11 Dec 2020 1:26

Tot Ion: 43 Resp: 866

Ion Ratio Lower Upper

43 100

57 0.0 37.9 56.9#



#11

Trichlorofluoromethane

Concen: 0.017 ppbv

RT: 3.93 min Scan# 357

Delta R.T. -0.03 min

Lab File: VL036144.D

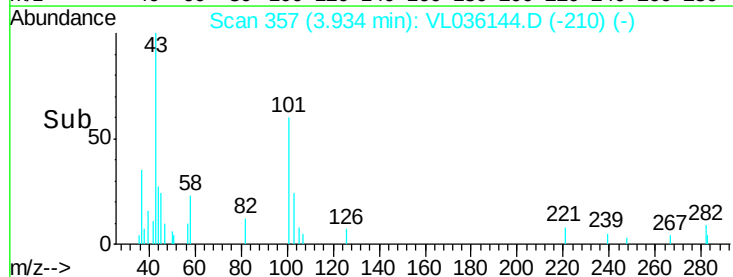
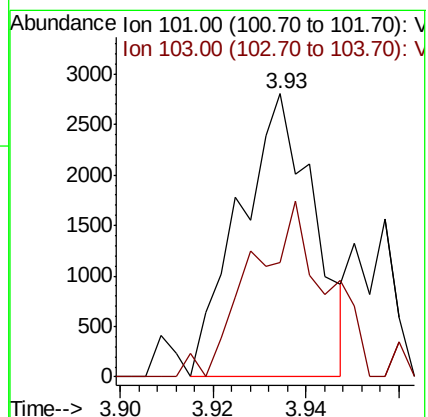
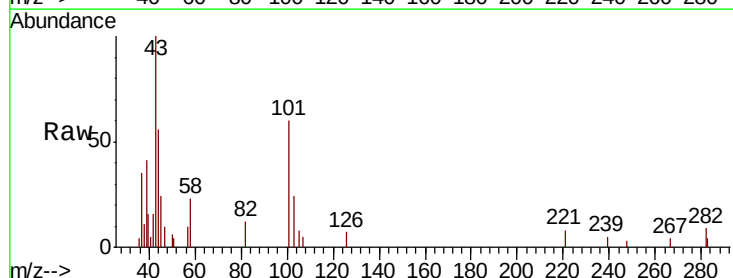
Acq: 11 Dec 2020 1:26

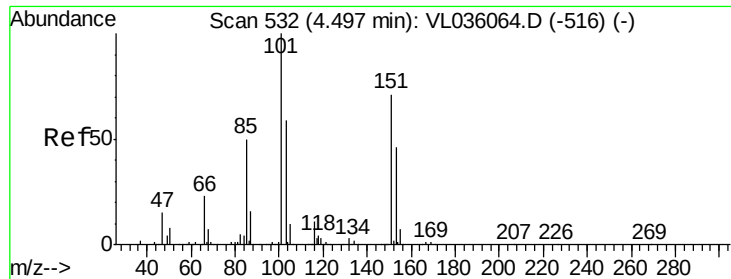
Tgt Ion: 101 Resp: 3127

Ion Ratio Lower Upper

101 100

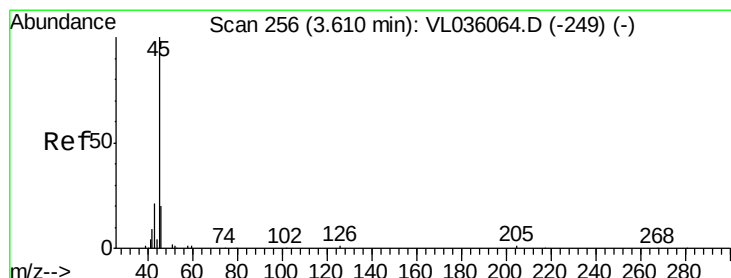
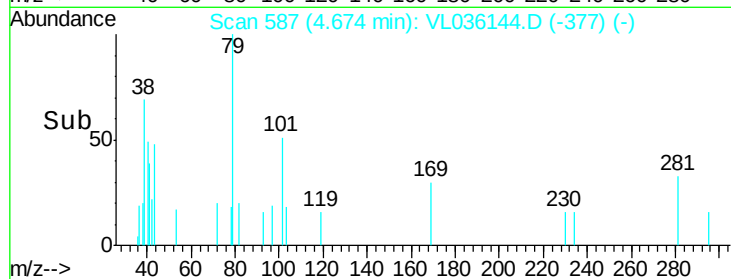
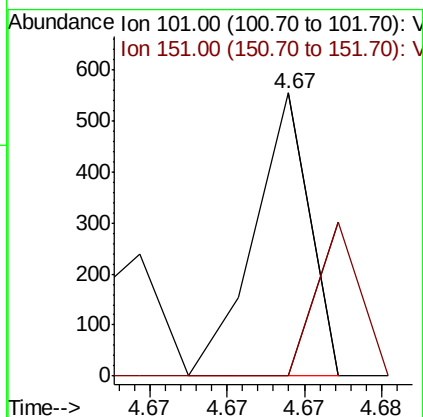
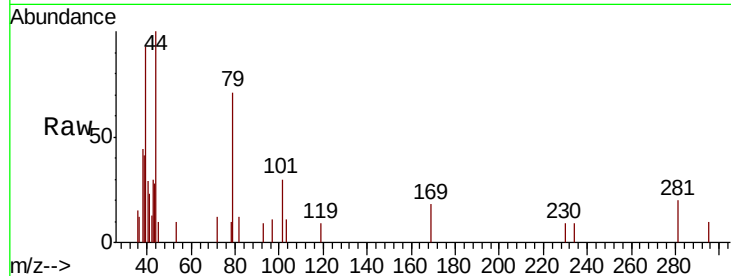
103 32.3 50.3 75.5#





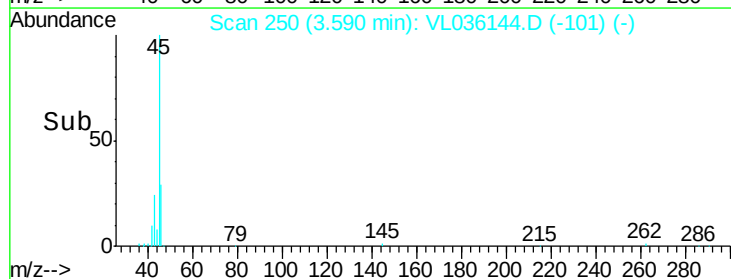
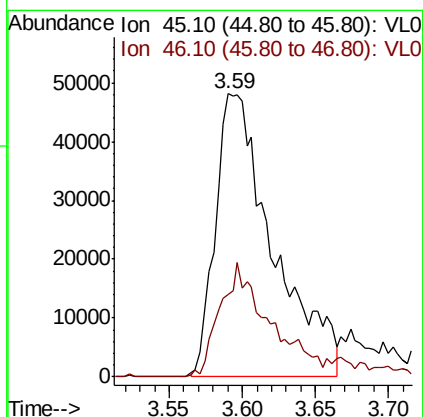
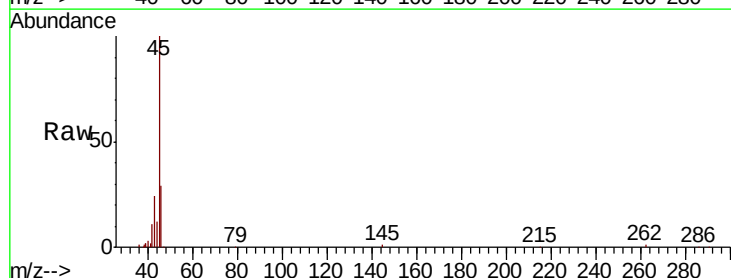
#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.001 ppbv
 RT: 4.67 min Scan# 587
 Delta R.T. 0.18 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

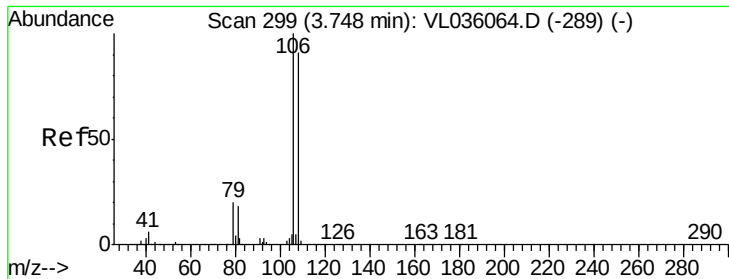
Tot Ion: 101 Resp: 137
 Ion Ratio Lower Upper
 101 100
 151 64.2 59.3 88.9



#13
 Ethanol
 Concen: 12.684 ppbv m
 RT: 3.59 min Scan# 250
 Delta R.T. -0.02 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

Tgt Ion: 45 Resp: 131601
 Ion Ratio Lower Upper
 45 100
 46 0.0 19.0 75.8#





#14

Bromoethene

Concen: 0.002 ppbv

RT: 3.76 min Scan# 303

Delta R.T. 0.01 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

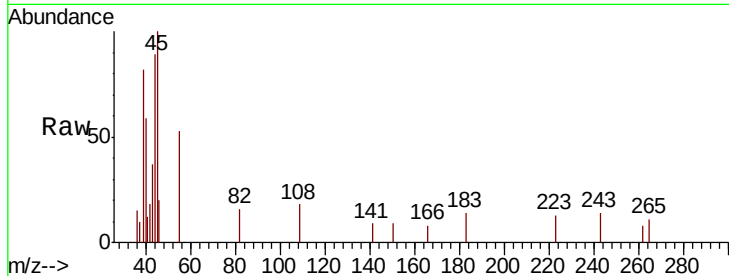
Tot Ion:108 Resp: 96

Ion Ratio Lower Upper

108 100

106 0.0 91.0 136.4#

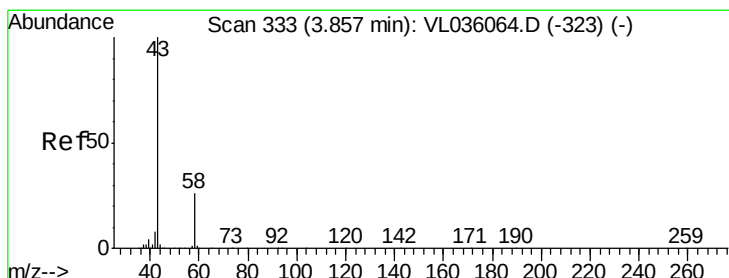
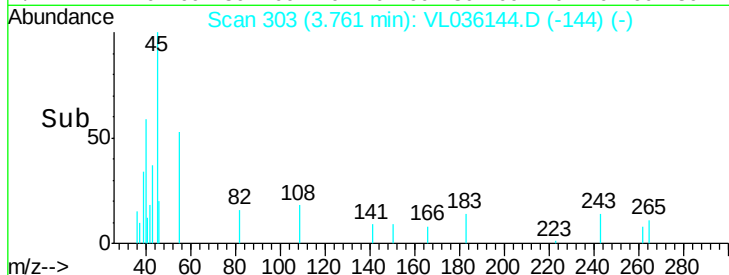
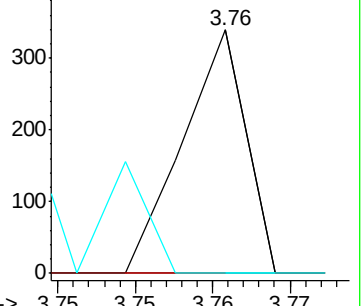
79 190.6 19.3 28.9#



Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0



#15

Acetone

Concen: 1.216 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL036144.D

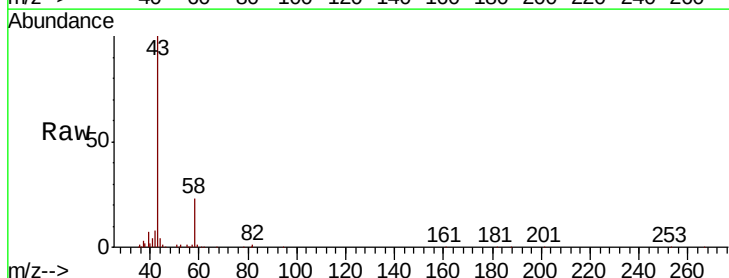
Acq: 11 Dec 2020 1:26

Tgt Ion: 43 Resp: 192450

Ion Ratio Lower Upper

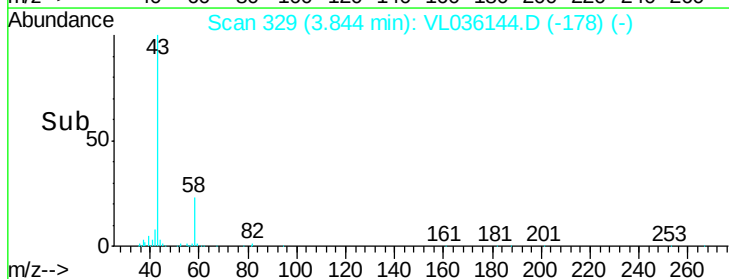
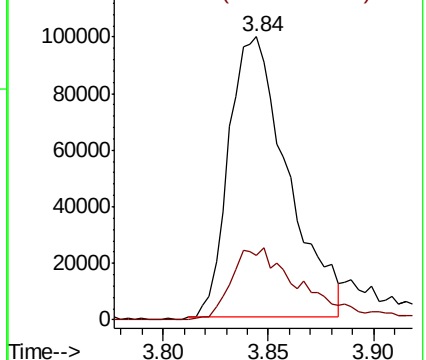
43 100

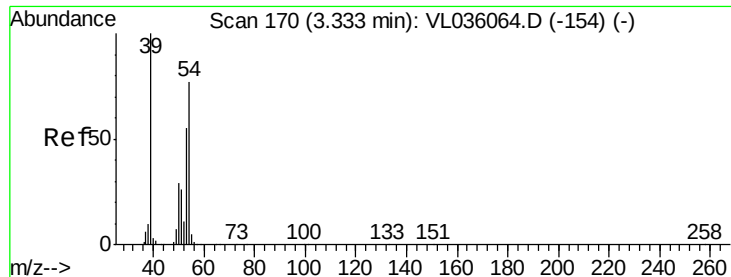
58 31.6 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#16

1,3-Butadiene

Concen: 0.011 ppbv

RT: 3.32 min Scan# 165

Delta R.T. -0.02 min

Lab File: VL036144.D

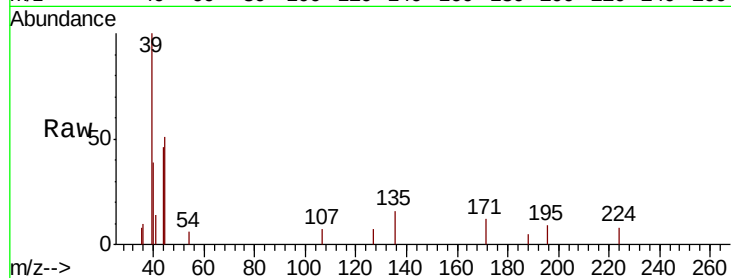
Acq: 11 Dec 2020 1:26

Tot Ion: 39 Resp: 859

Ion Ratio Lower Upper

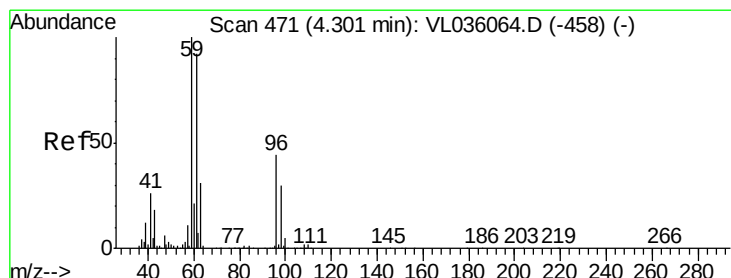
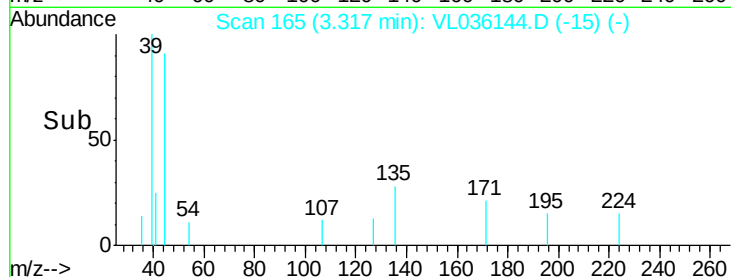
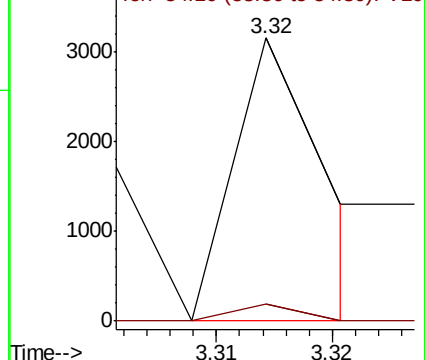
39 100

54 0.0 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: 0.006 ppbv

RT: 4.28 min Scan# 466

Delta R.T. -0.02 min

Lab File: VL036144.D

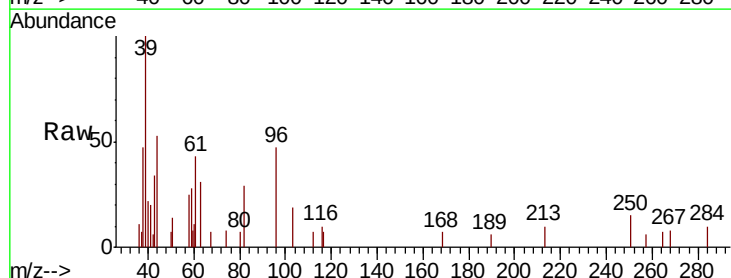
Acq: 11 Dec 2020 1:26

Tgt Ion: 59 Resp: 846

Ion Ratio Lower Upper

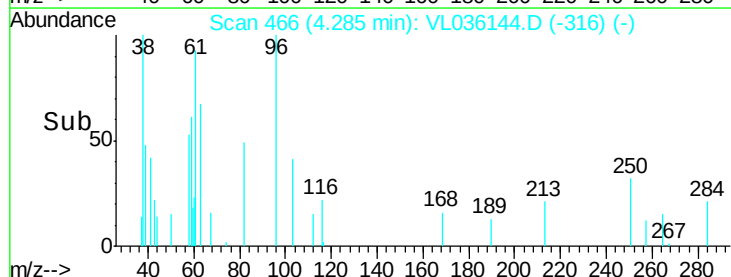
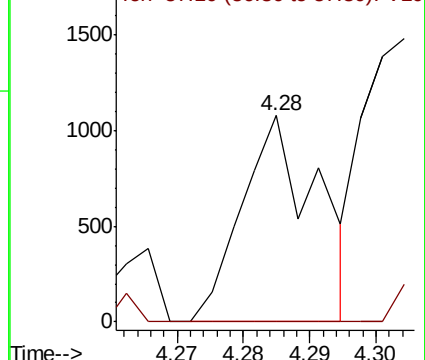
59 100

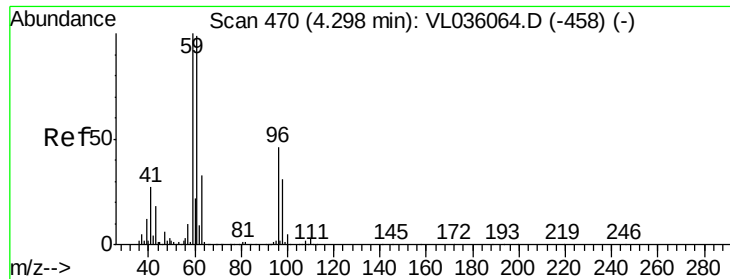
57 0.0 8.7 13.1#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#18

1,1-Dichloroethene

Concen: 0.016 ppbv

RT: 4.27 min Scan# 461

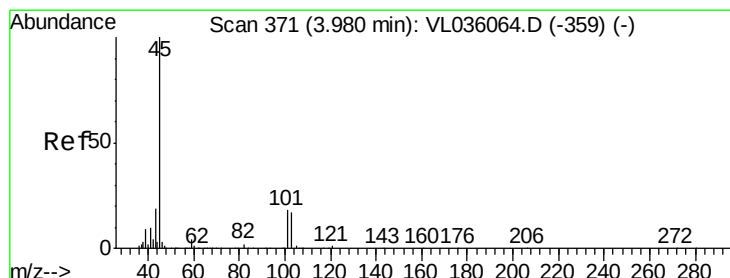
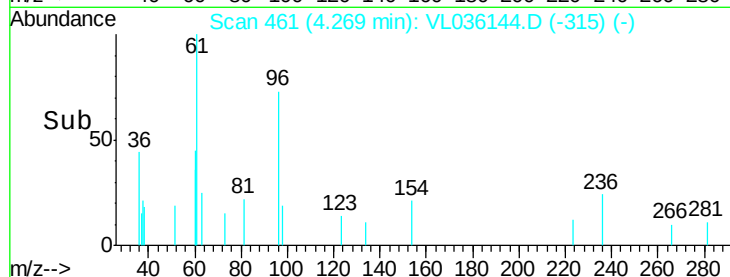
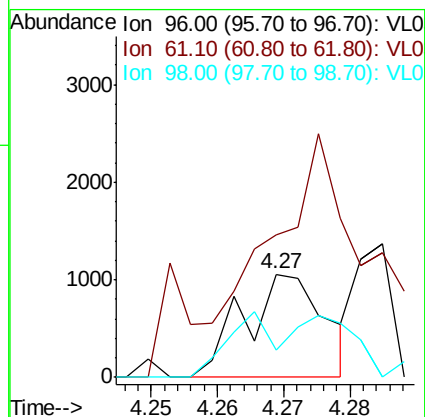
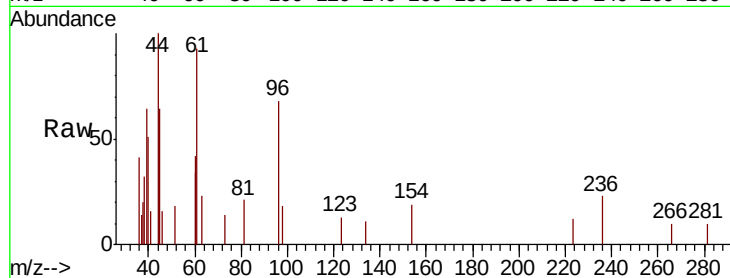
Delta R.T. -0.03 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

Tot Ion: 96 Resp: 895

Ion	Ratio	Lower	Upper
96	100		
61	86.0	171.4	257.2#
98	26.3	54.2	81.2#



#19

Isopropyl Alcohol

Concen: 0.562 ppbv m

RT: 3.97 min Scan# 369

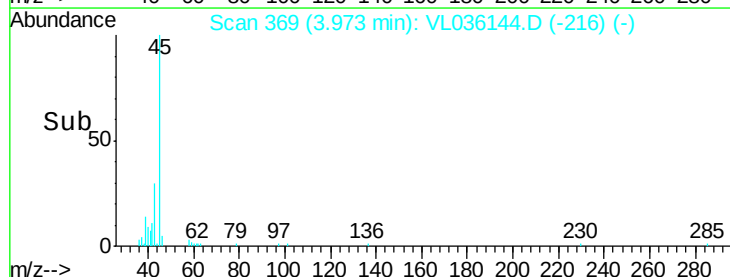
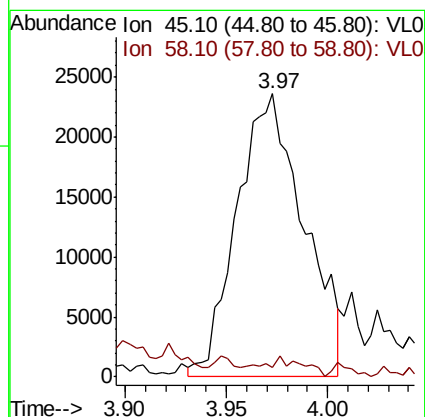
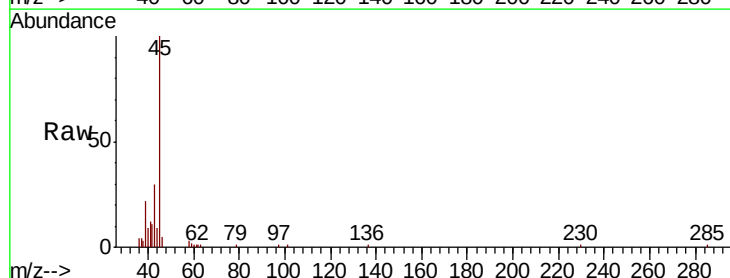
Delta R.T. -0.01 min

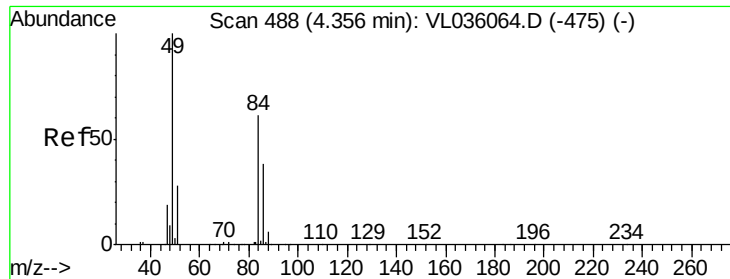
Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

Tgt Ion: 45 Resp: 54352

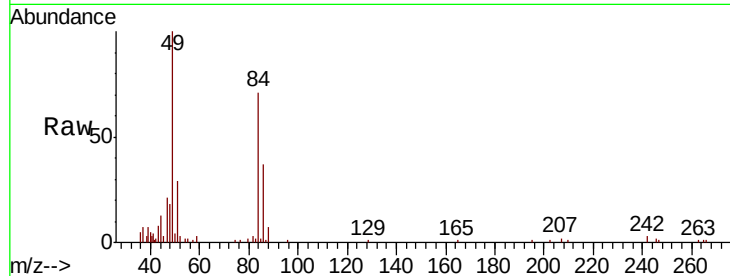
Ion	Ratio	Lower	Upper
45	100		
58	6.6	0.0	0.0#



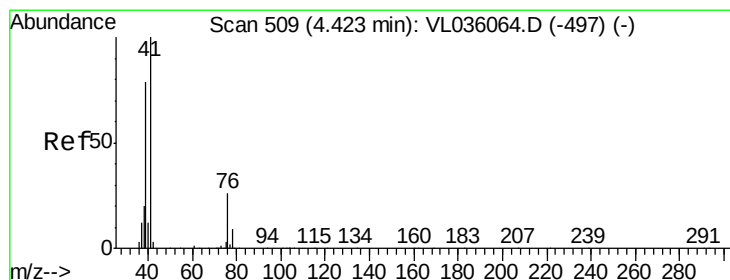
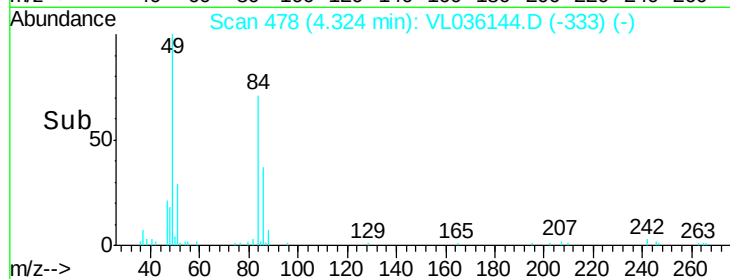
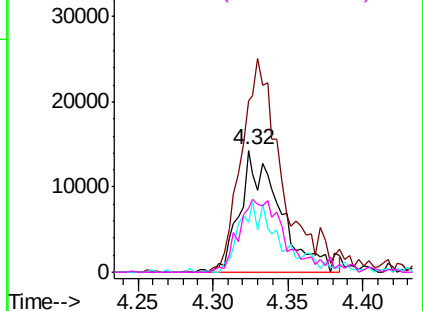


#20
Methylene Chloride
Concen: 0.421 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.03 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

Tot Ion:	84	Resp:	27277
Ion	Ratio	Lower	Upper
84	100		
49	140.4	133.0	199.4
51	41.4	38.9	58.3
86	52.5	48.8	73.2

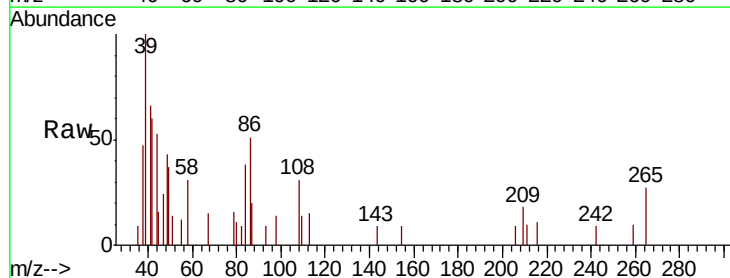


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

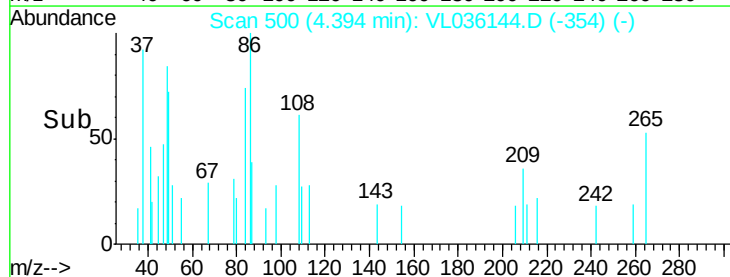
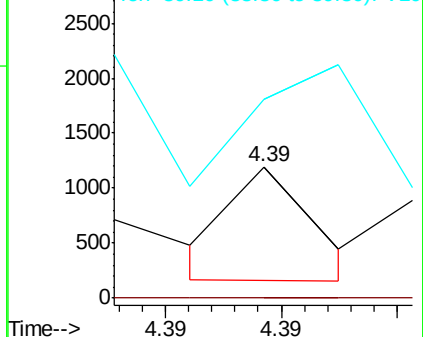


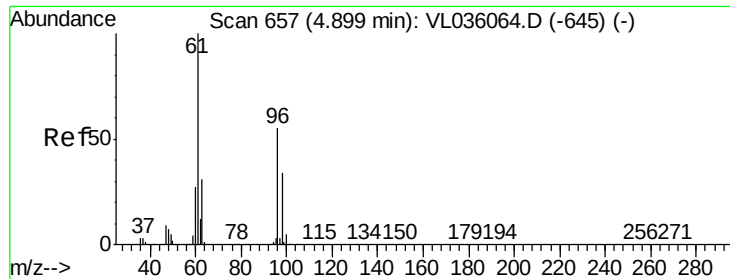
#21
Allyl Chloride
Concen: 0.002 ppbv
RT: 4.39 min Scan# 500
Delta R.T. -0.03 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

Tgt Ion:	41	Resp:	254
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: 0.012 ppbv

RT: 4.87 min Scan# 649

Delta R.T. -0.03 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

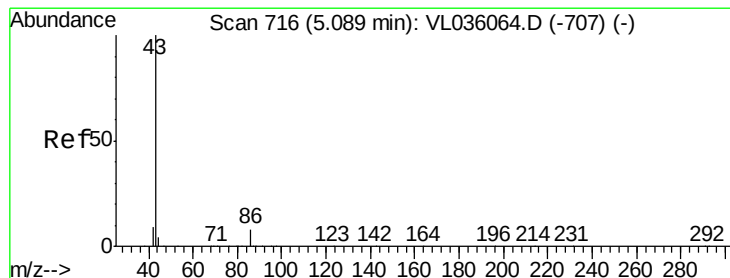
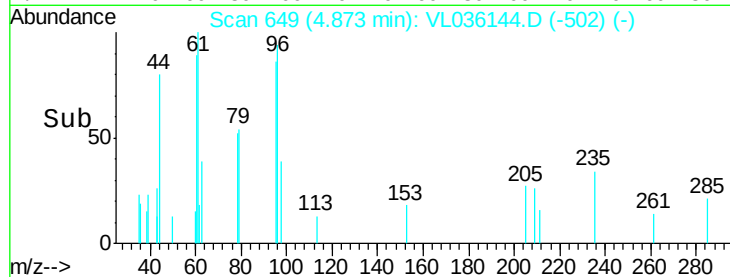
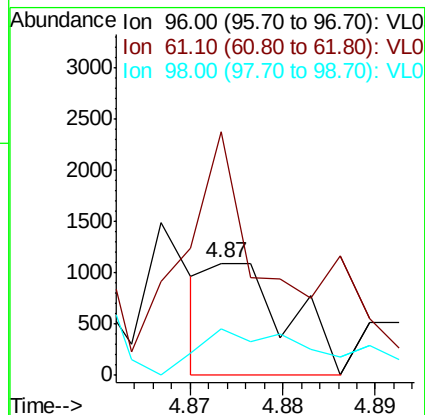
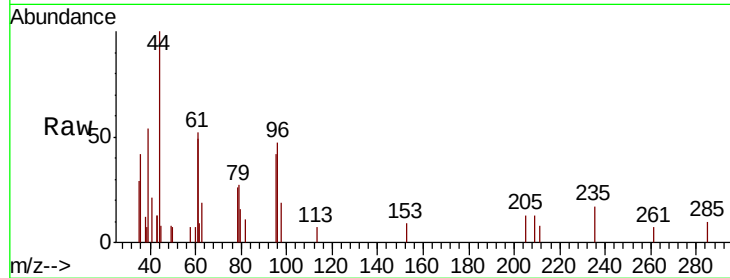
Tot Ion: 96 Resp: 642

Ion Ratio Lower Upper

96 100

61 130.5 145.7 218.5#

98 25.3 49.2 73.8#



#23

Vinyl Acetate

Concen: 0.005 ppbv

RT: 5.06 min Scan# 708

Delta R.T. -0.03 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

Tgt Ion: 43 Resp: 1003

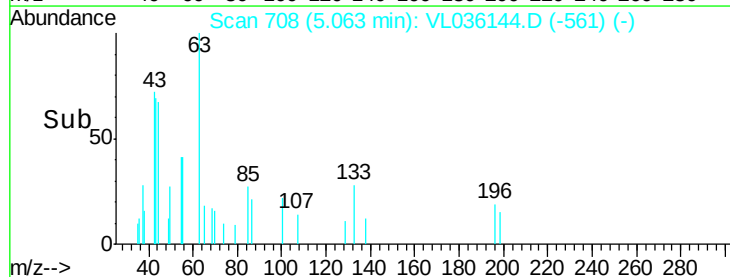
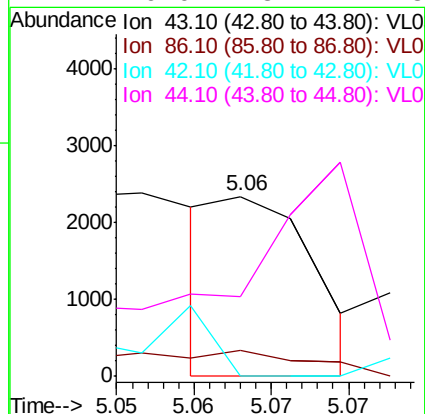
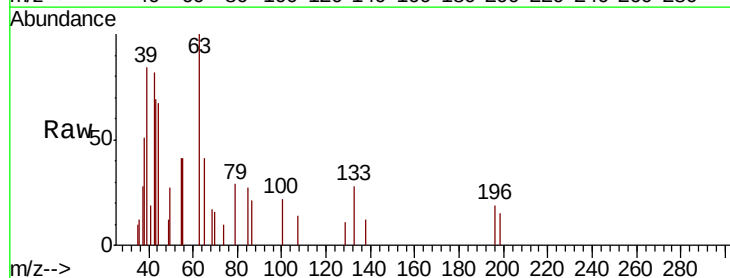
Ion Ratio Lower Upper

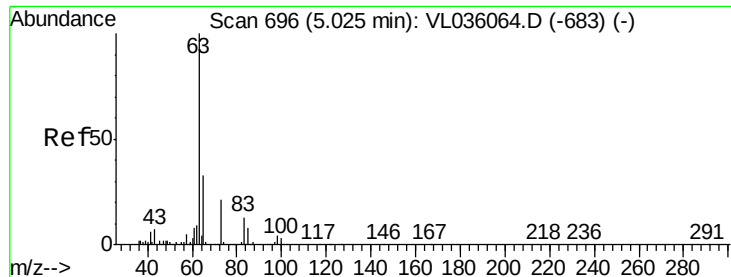
43 100

86 109.8 5.0 7.4#

42 949.6 7.8 11.6#

44 0.0 3.2 4.8#





#24

1,1-Dichloroethane

Concen: 0.463 ppbv

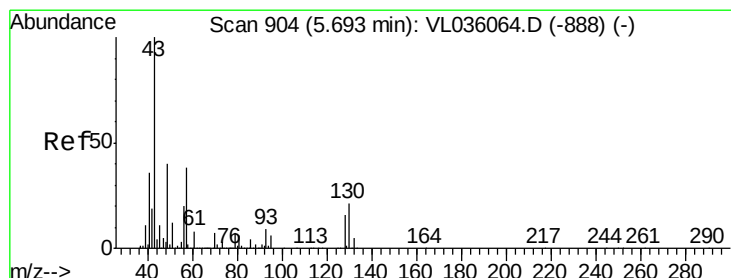
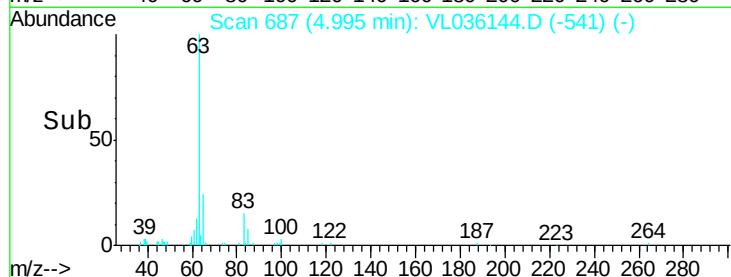
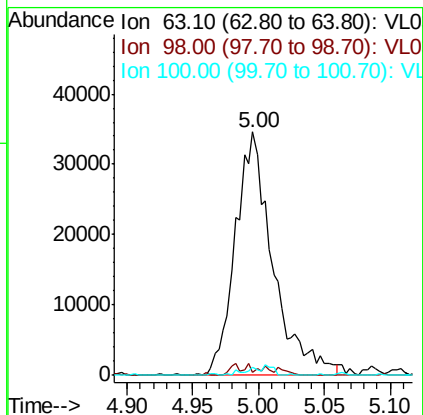
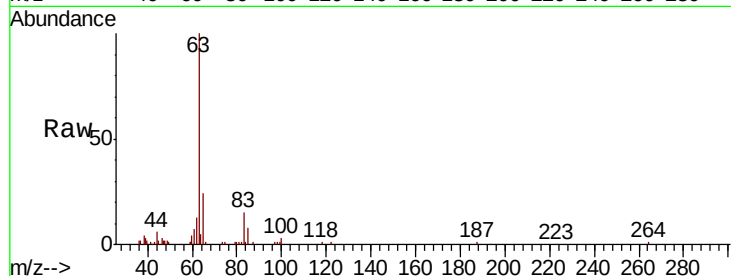
RT: 5.00 min Scan# 687

Delta R.T. -0.03 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

Tot Ion:	63	Resp:	68634
Ion	Ratio	Lower	Upper
63	100		
98	1.2	2.2	6.6#
100	3.2	1.5	4.4



#25

Ethyl Acetate

Concen: 0.017 ppbv

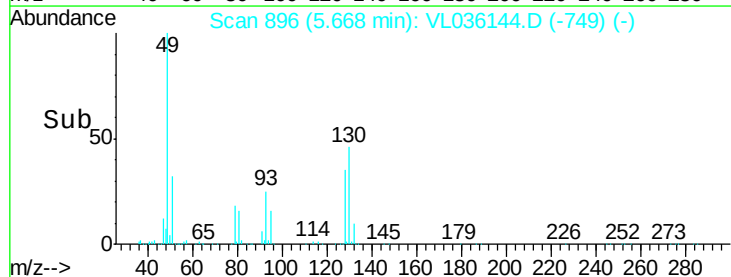
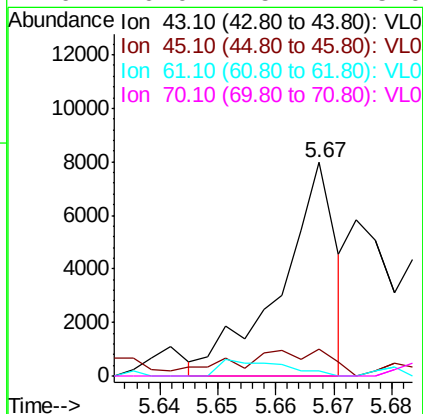
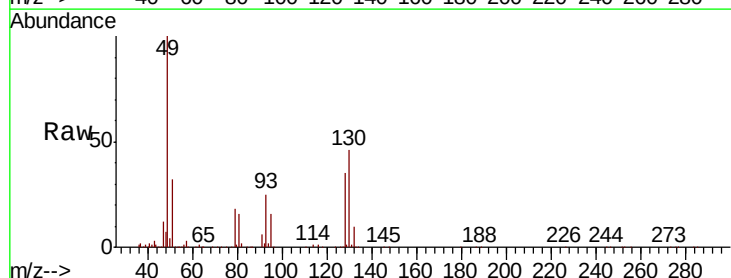
RT: 5.67 min Scan# 896

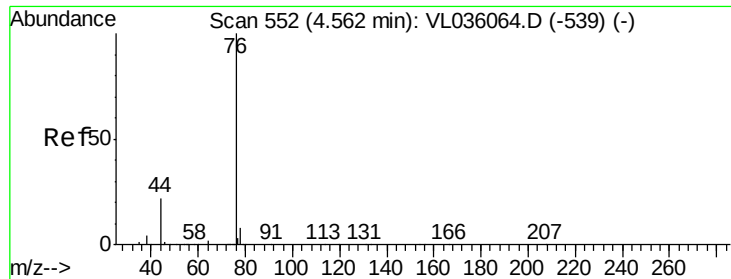
Delta R.T. -0.03 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

Tgt Ion:	43	Resp:	5291
Ion	Ratio	Lower	Upper
43	100		
45	19.6	8.2	12.4#
61	0.0	7.4	11.2#
70	0.0	5.4	8.0#





#27

Carbon Disulfide

Concen: 0.003 ppbv

RT: 4.53 min Scan# 543

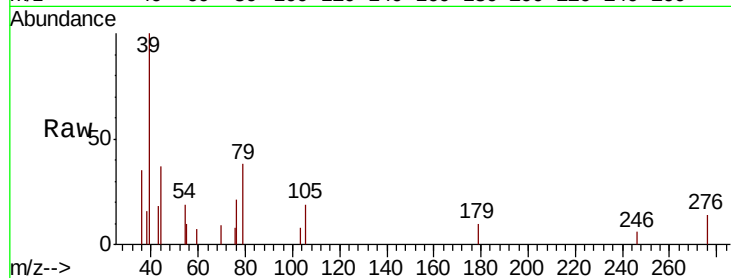
Delta R.T. -0.03 min

Lab File: VL036144.D

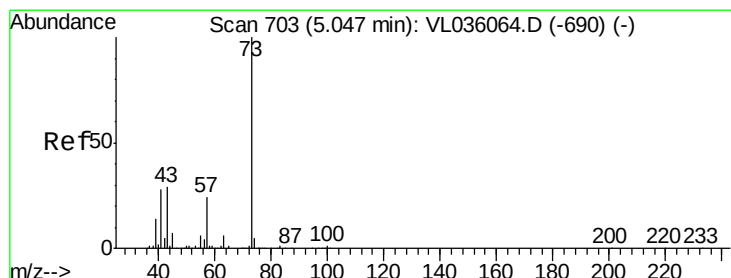
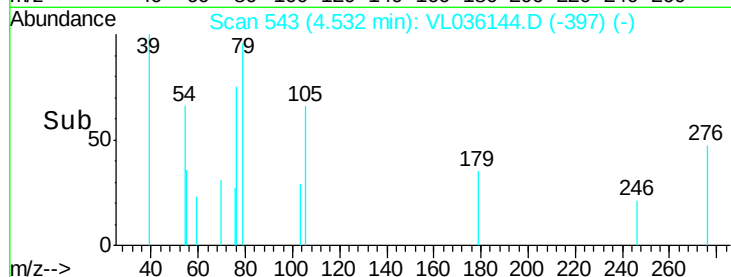
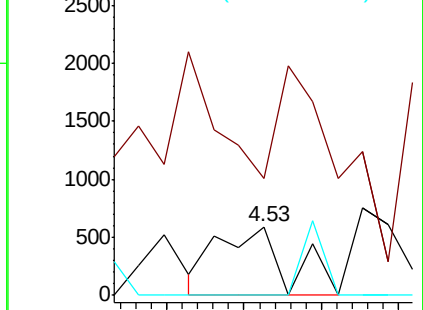
Acq: 11 Dec 2020 1:26

Tot Ion: 76 Resp: 379

Ion	Ratio	Lower	Upper
76	100		
44	0.0	17.9	26.9#
78	0.0	7.8	11.8#



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 0.002 ppbv

RT: 5.02 min Scan# 694

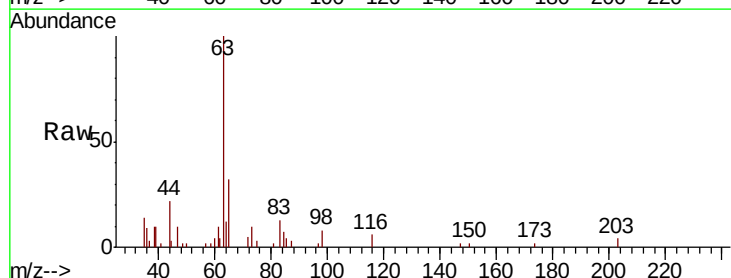
Delta R.T. -0.03 min

Lab File: VL036144.D

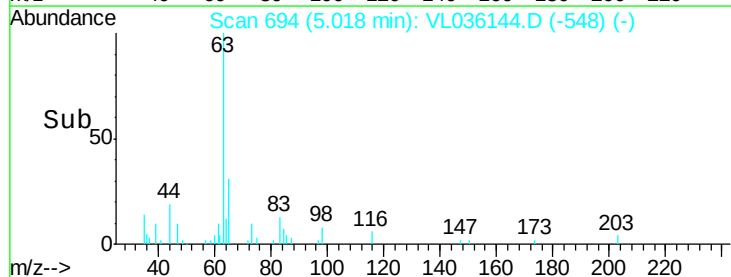
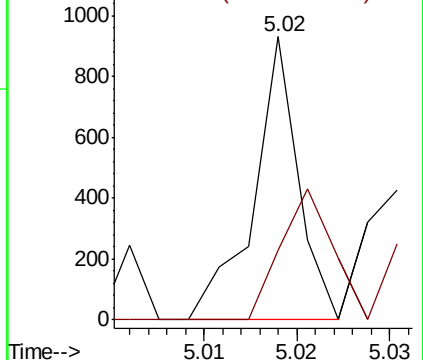
Acq: 11 Dec 2020 1:26

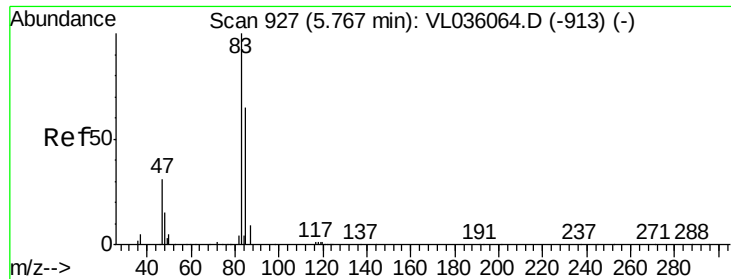
Tgt Ion: 73 Resp: 310

Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.2	28.8#



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 0.012 ppbv

RT: 5.73 min Scan# 915

Delta R.T. -0.04 min

Lab File: VL036144.D

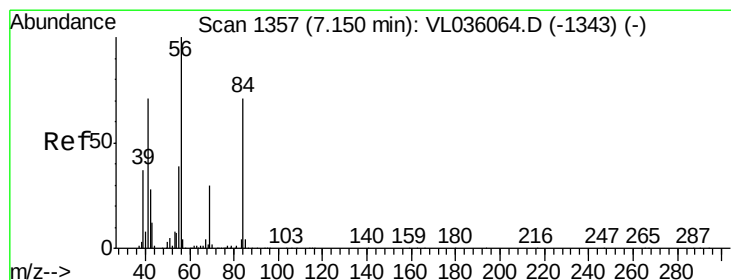
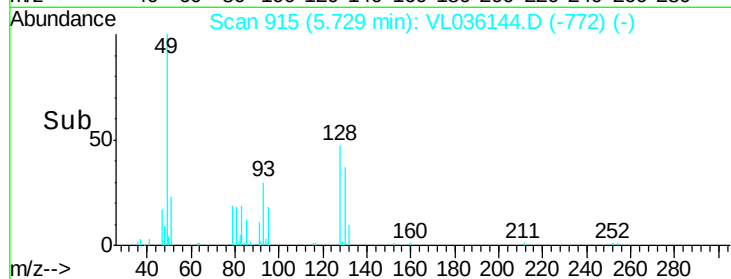
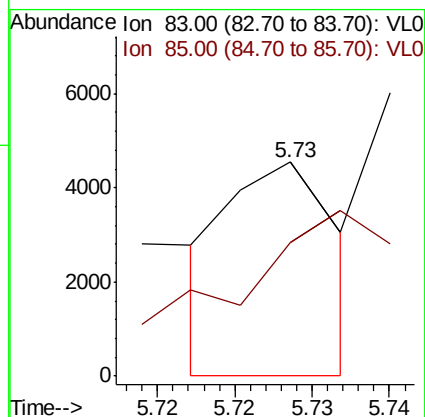
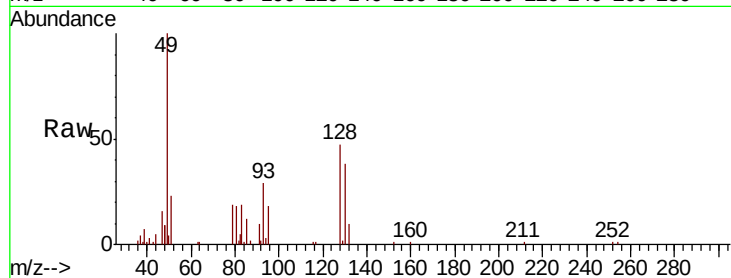
Acq: 11 Dec 2020 1:26

Tot Ion: 83 Resp: 2226

Ion Ratio Lower Upper

83 100

85 56.5 51.8 77.6



#30

Cyclohexane

Concen: 0.022 ppbv

RT: 7.12 min Scan# 1347

Delta R.T. -0.03 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

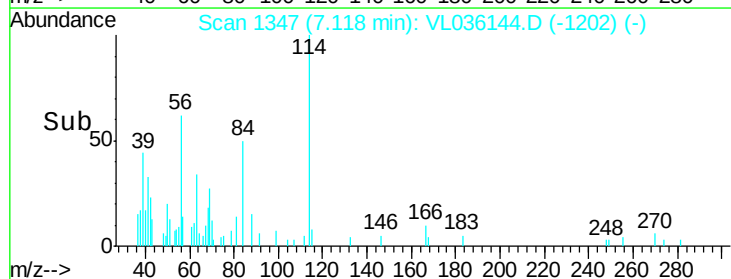
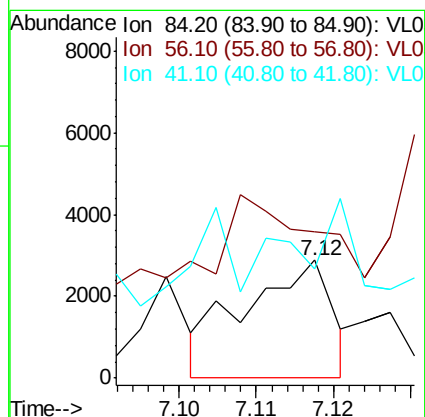
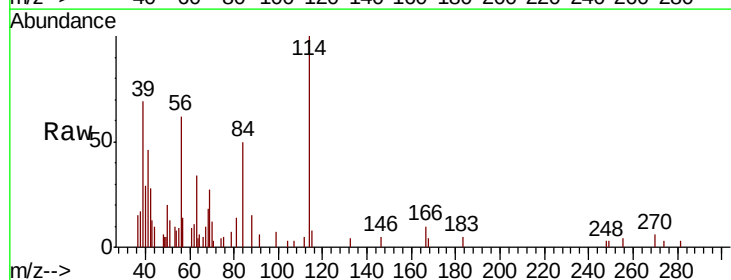
Tgt Ion: 84 Resp: 2261

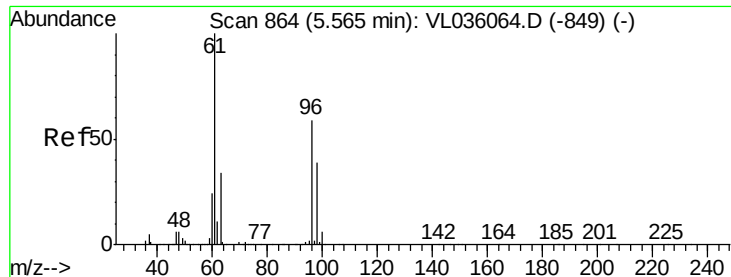
Ion Ratio Lower Upper

84 100

56 0.0 128.0 192.0#

41 331.4 81.3 121.9#





#31

cis-1,2-Dichloroethene

Concen: 0.020 ppbv

RT: 5.54 min Scan# 855

Delta R.T. -0.03 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

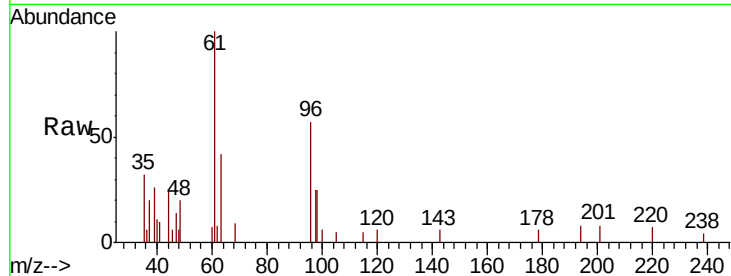
Tot Ion: 61 Resp: 2578

Ion Ratio Lower Upper

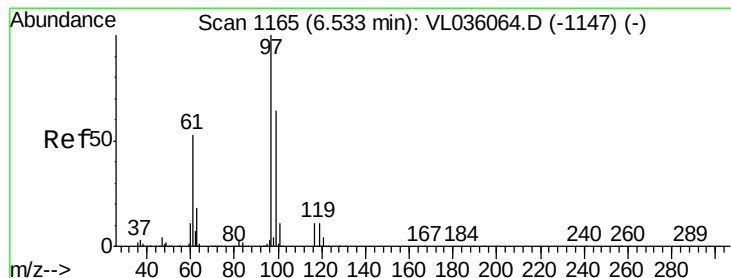
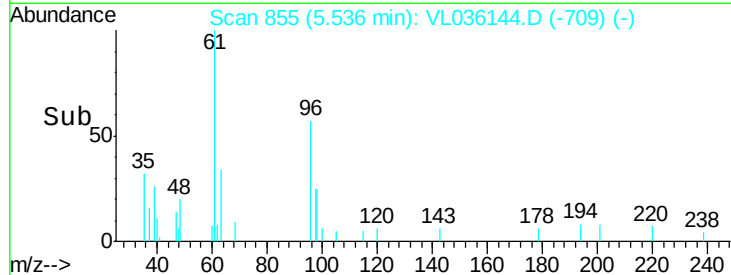
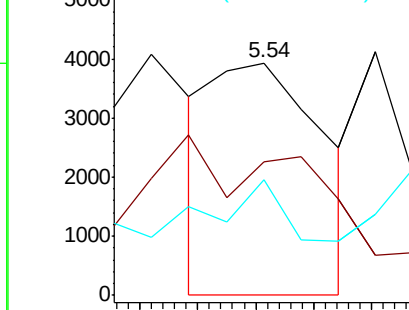
61 100

96 43.5 47.3 70.9#

98 71.8 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: 2.667 ppbv

RT: 6.49 min Scan# 1153

Delta R.T. -0.04 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

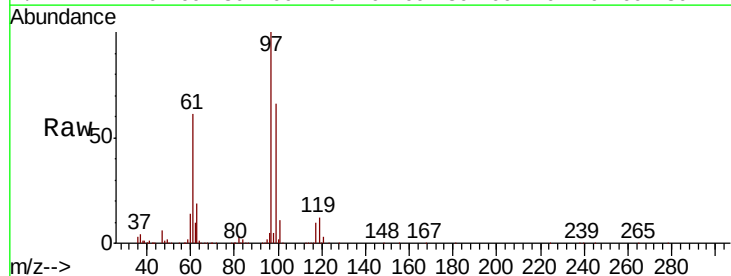
Tgt Ion: 97 Resp: 514298

Ion Ratio Lower Upper

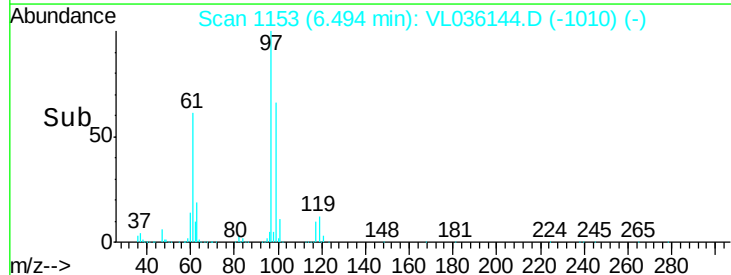
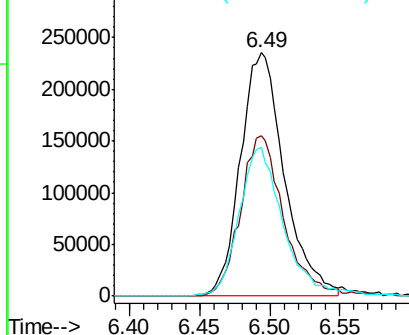
97 100

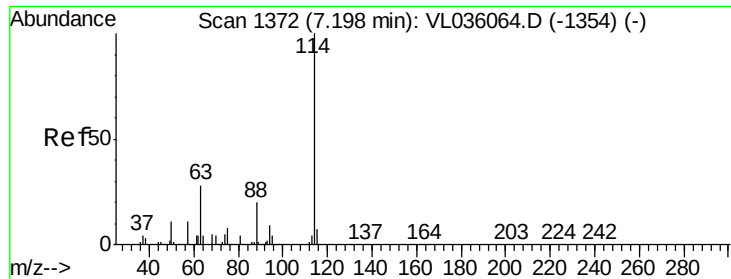
99 65.7 52.4 78.6

61 62.0 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: 7.16 min Scan# 1359

Delta R.T. -0.04 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

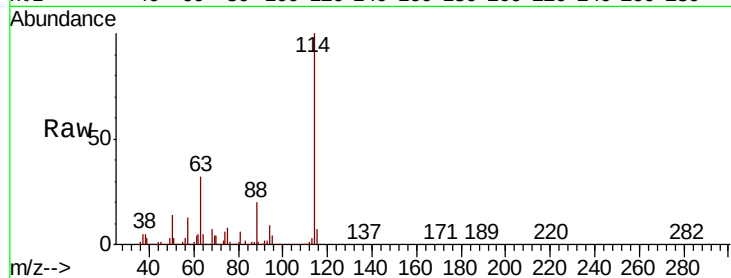
Tot Ion:114 Resp: 2583188

Ion Ratio Lower Upper

114 100

63 33.3 23.6 35.4

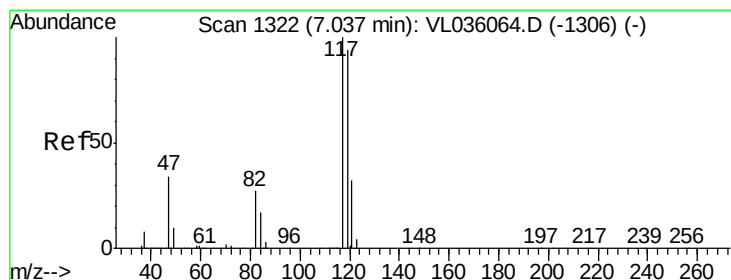
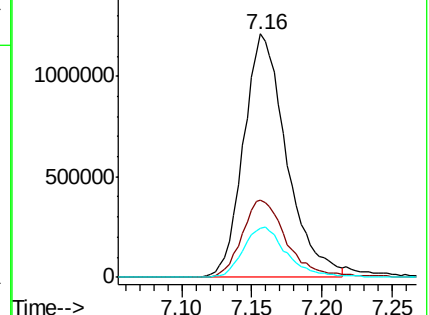
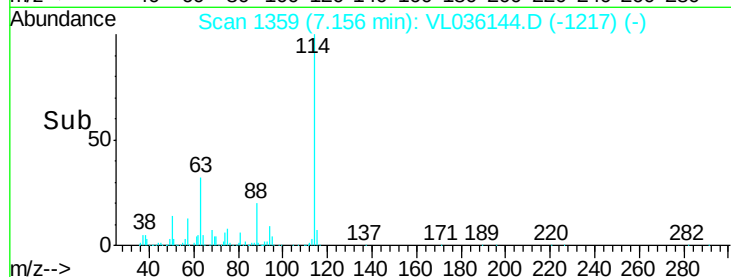
88 21.2 15.8 23.6



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#35

Carbon Tetrachloride

Concen: 0.002 ppbv

RT: 7.39 min Scan# 1432

Delta R.T. 0.35 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

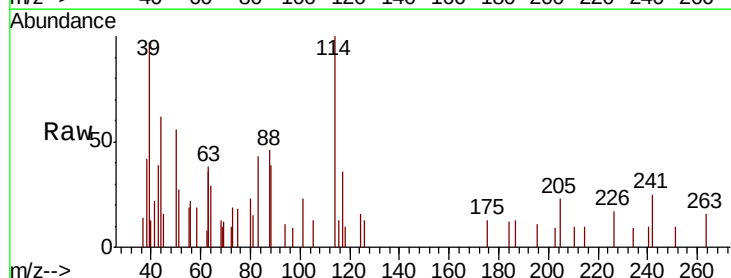
Tgt Ion:117 Resp: 242

Ion Ratio Lower Upper

117 100

119 0.0 75.1 112.7#

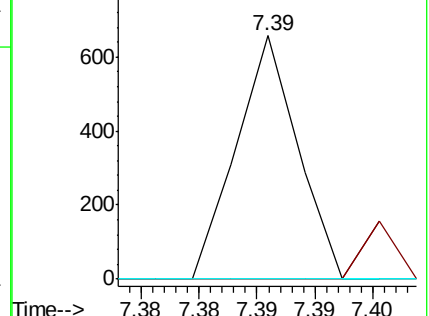
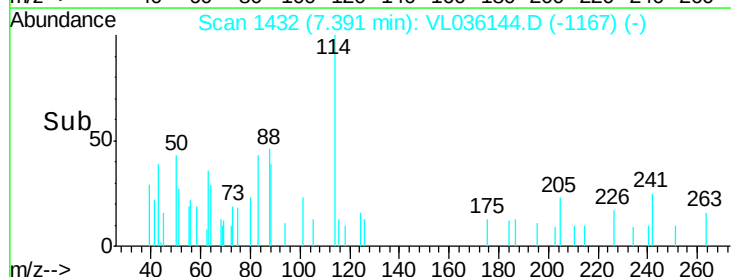
121 0.0 25.6 38.4#

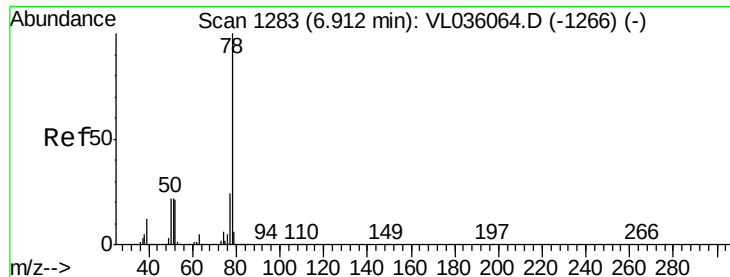


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#36

Benzene

Concen: 0.019 ppbv

RT: 6.87 min Scan# 1271

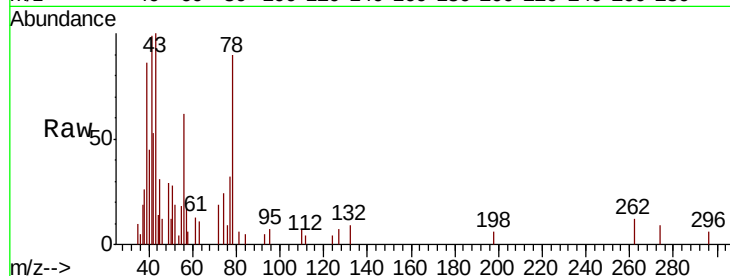
Delta R.T. -0.04 min

Lab File: VL036144.D

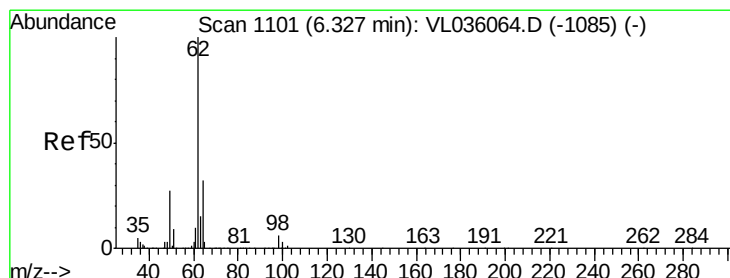
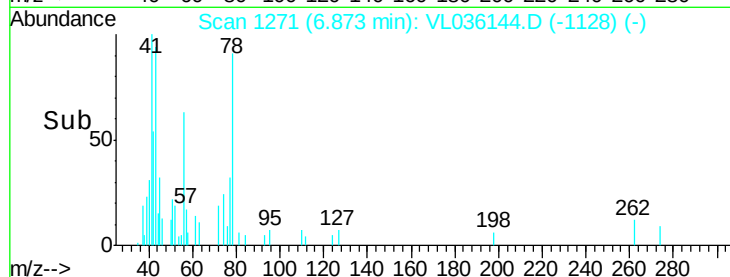
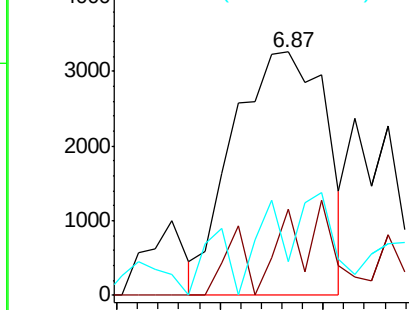
Acq: 11 Dec 2020 1:26

Tot Ion: 78 Resp: 4062

Ion	Ratio	Lower	Upper
78	100		
77	41.1	19.4	29.2#
50	15.9	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



#37

1,2-Dichloroethane

Concen: 0.007 ppbv

RT: 6.28 min Scan# 1088

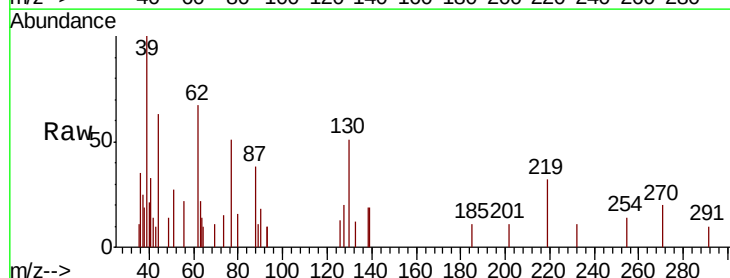
Delta R.T. -0.04 min

Lab File: VL036144.D

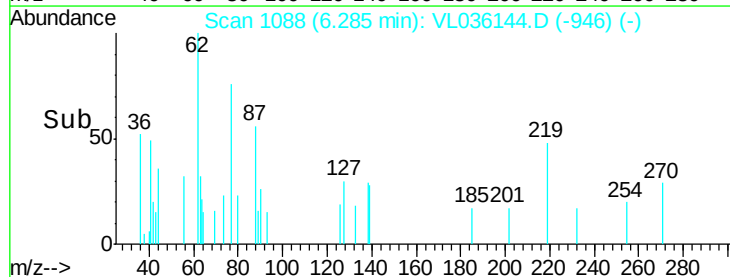
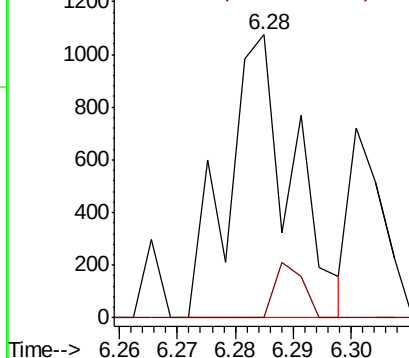
Acq: 11 Dec 2020 1:26

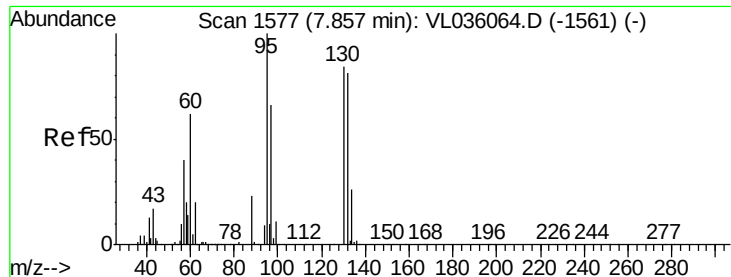
Tgt Ion: 62 Resp: 830

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.6	7.0#



Abundance Ion 62.10 (61.80 to 62.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





#38

Trichloroethene

Concen: 1.699 ppbv

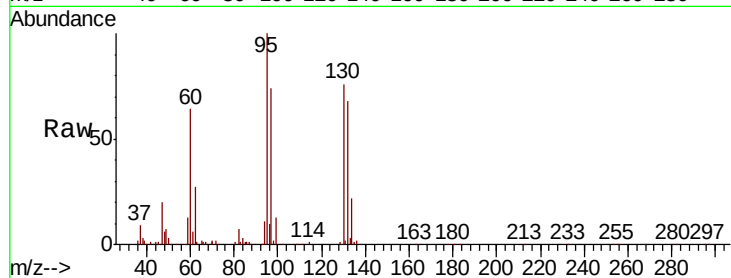
RT: 7.82 min Scan# 1564

Delta R.T. -0.04 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

Tot Ion:	130	Resp:	139002
Ion	Ratio	Lower	Upper
130	100		
95	130.4	95.2	142.8
132	89.2	76.9	115.3
97	97.1	62.3	93.5#

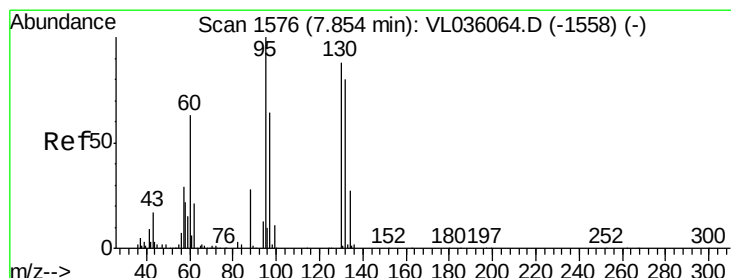
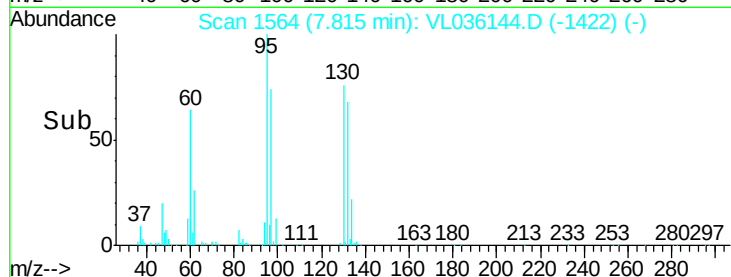
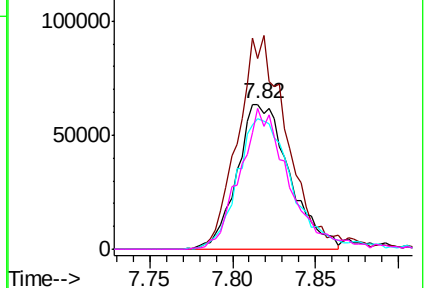


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#40

1,4-Dioxane

Concen: 0.012 ppbv

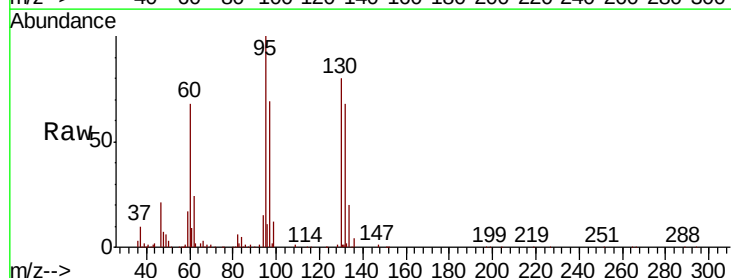
RT: 7.82 min Scan# 1567

Delta R.T. -0.03 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

Tgt Ion:	88	Resp:	326
Ion	Ratio	Lower	Upper
88	100		
58	0.0	122.6	184.0#
43	368.4	0.0	0.0#
57	0.0	0.0	0.0

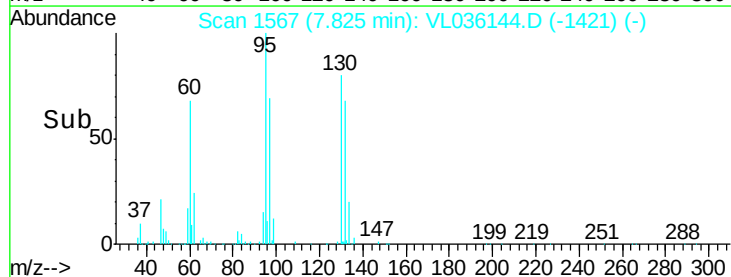
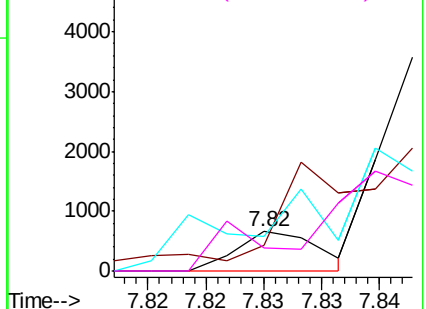


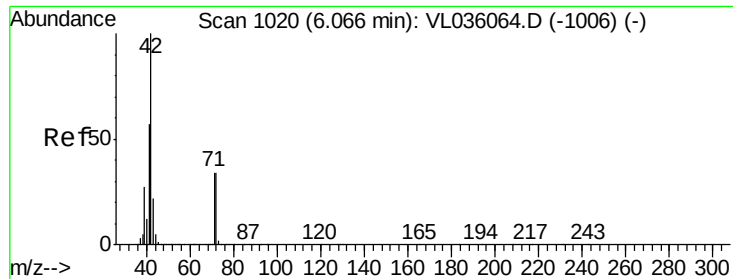
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

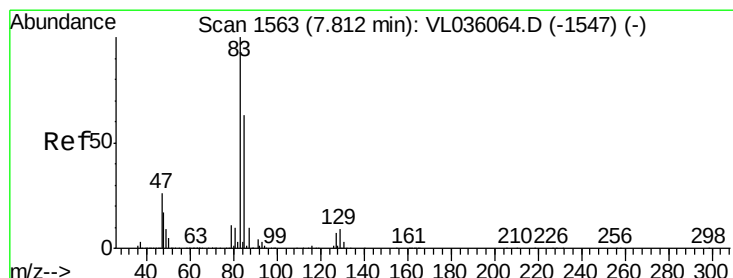
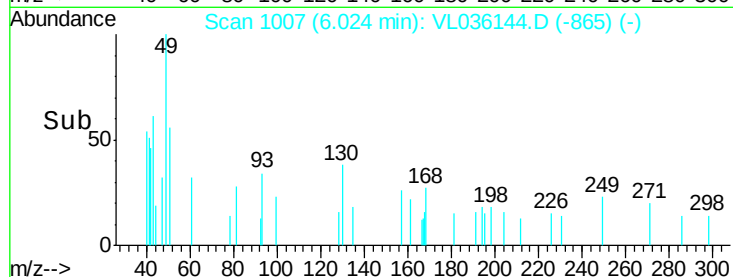
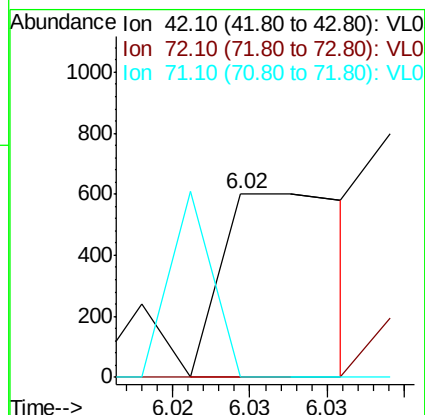
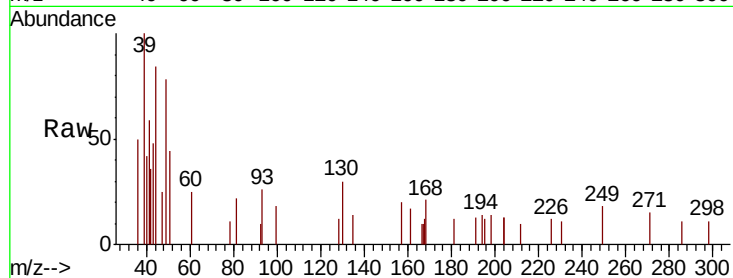
Ion 57.10 (56.80 to 57.80): VL0





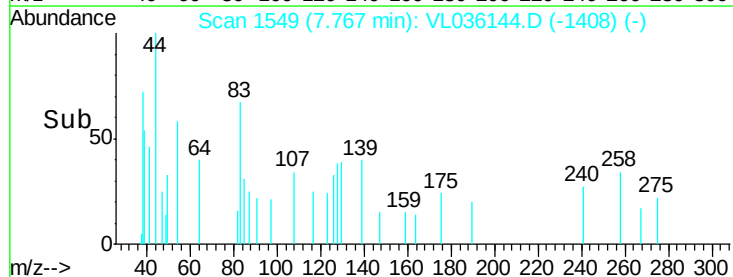
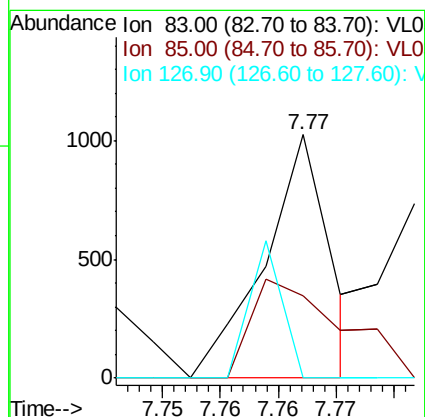
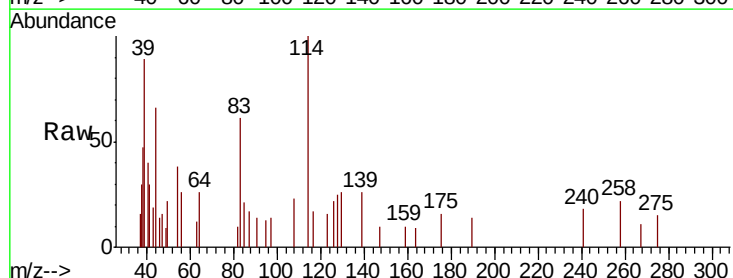
#41
Tetrahydrofuran
Concen: 0.003 ppbv
RT: 6.02 min Scan# 1007
Delta R.T. -0.04 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

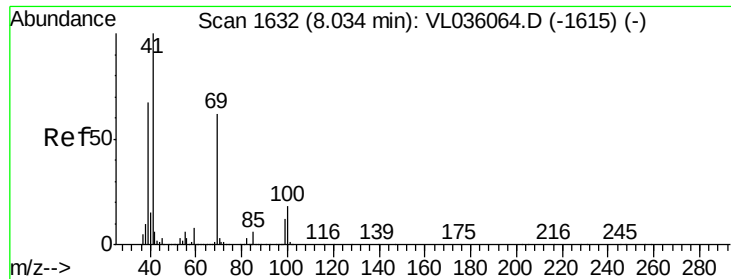
Tot Ion: 42 Resp: 345
Ion Ratio Lower Upper
42 100
72 0.0 28.3 42.5#
71 0.0 27.3 40.9#



#42
Bromodichloromethane
Concen: 0.002 ppbv
RT: 7.77 min Scan# 1549
Delta R.T. -0.05 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

Tgt Ion: 83 Resp: 401
Ion Ratio Lower Upper
83 100
85 33.9 50.2 75.2#
127 41.0 5.5 8.3#





#43

Methyl Methacrylate

Concen: 0.002 ppbv

RT: 8.00 min Scan# 1620

Delta R.T. -0.04 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

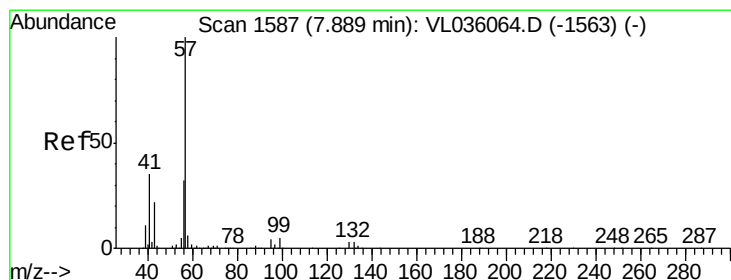
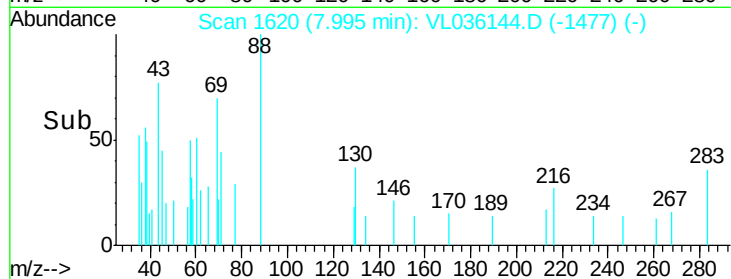
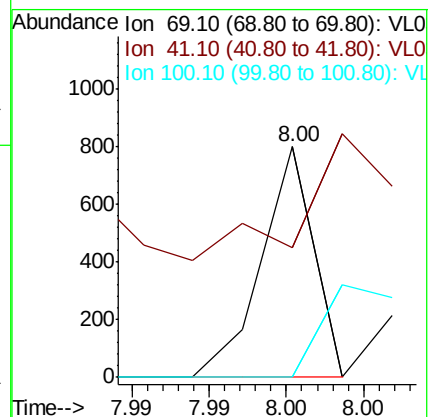
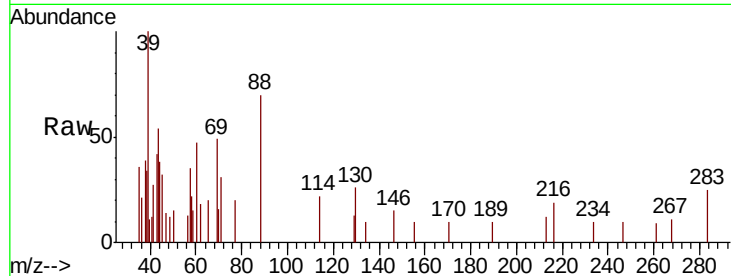
Tot Ion: 69 Resp: 186

Ion Ratio Lower Upper

69 100

41 0.0 133.0 199.6#

100 0.0 25.4 38.0#



#44

2,2,4-Trimethylpentane

Concen: 0.006 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. -0.05 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

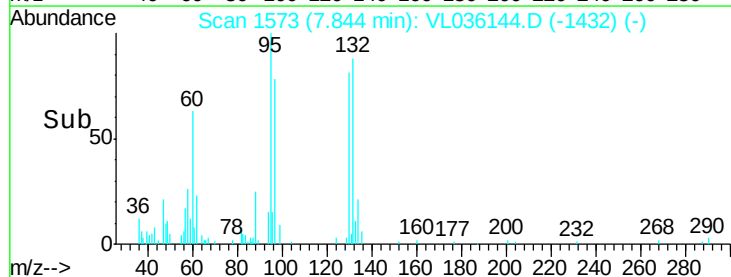
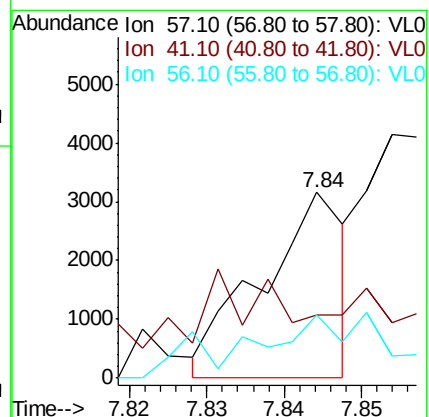
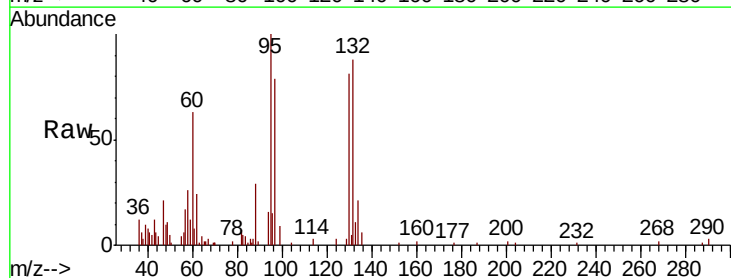
Tgt Ion: 57 Resp: 2376

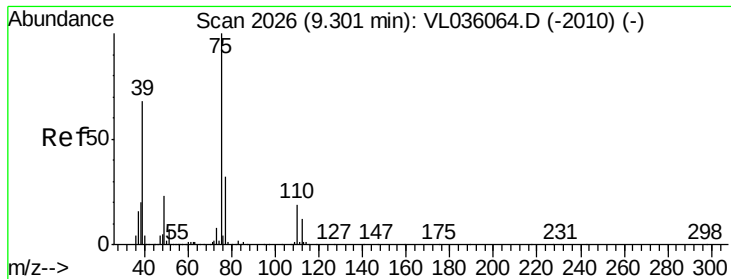
Ion Ratio Lower Upper

57 100

41 0.0 28.9 43.3#

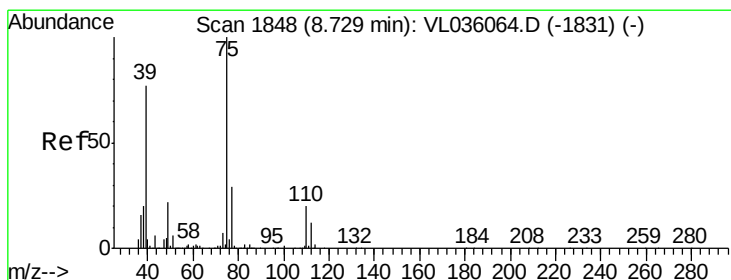
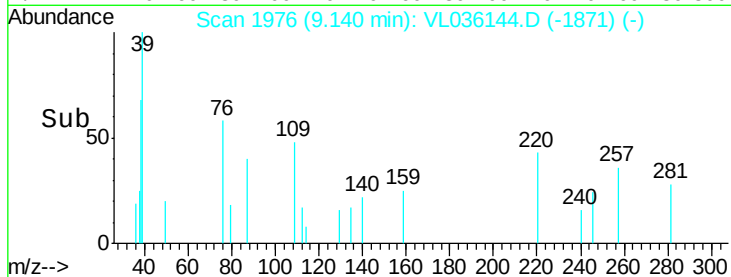
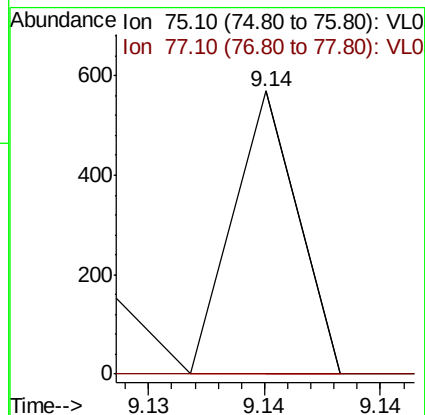
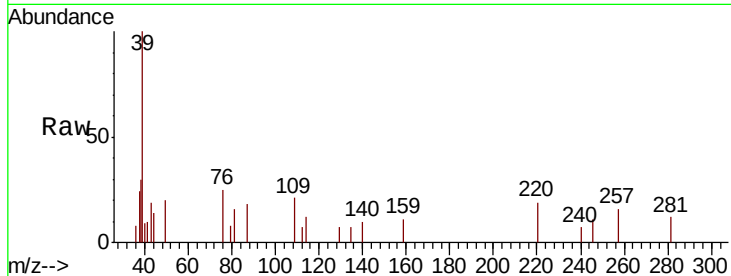
56 0.0 25.3 37.9#





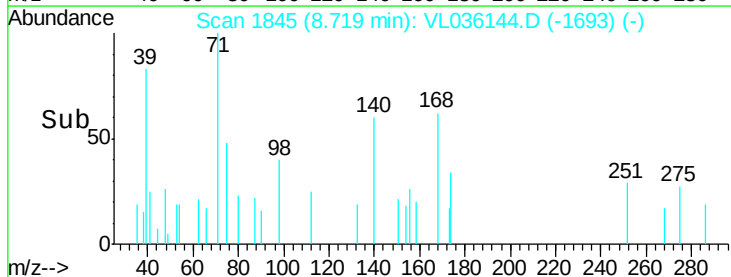
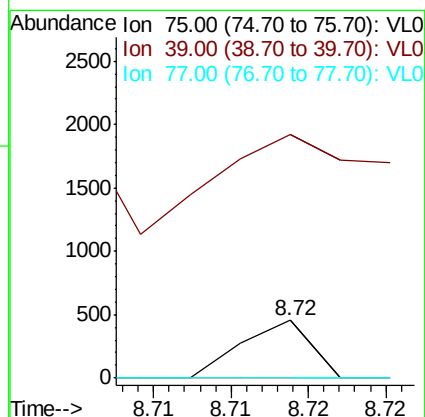
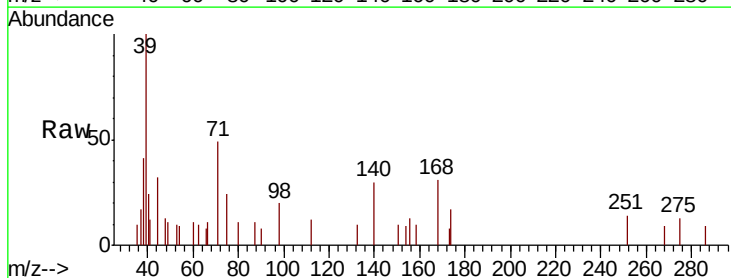
#45
t-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 9.14 min Scan# 1976
Delta R.T. -0.16 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

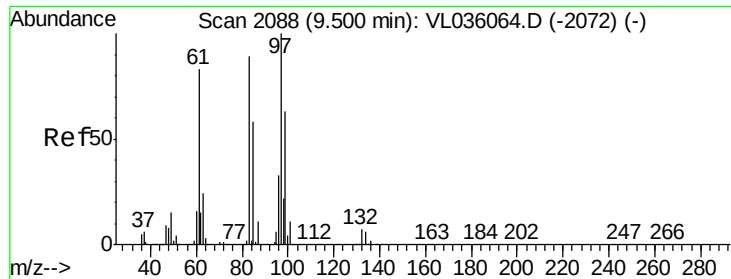
Tot Ion: 75 Resp: 110
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#



#46
cis-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. -0.01 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

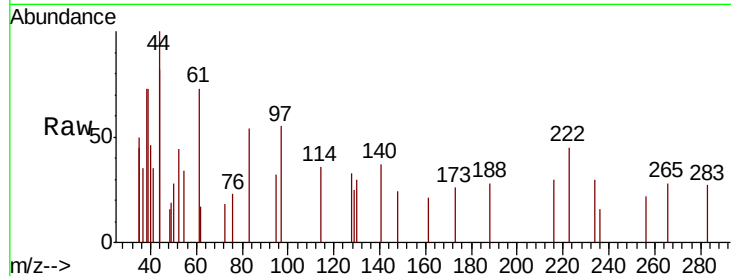
Tgt Ion: 75 Resp: 140
Ion Ratio Lower Upper
75 100
39 105.1 61.6 92.4#
77 0.0 23.0 34.6#



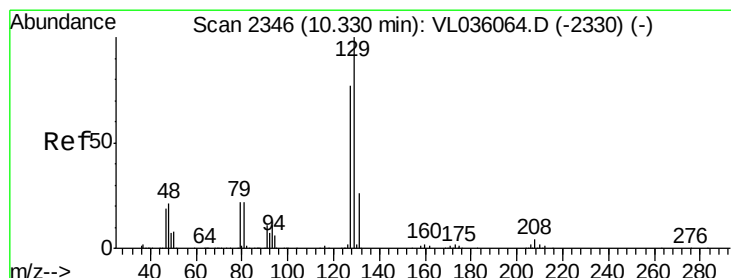
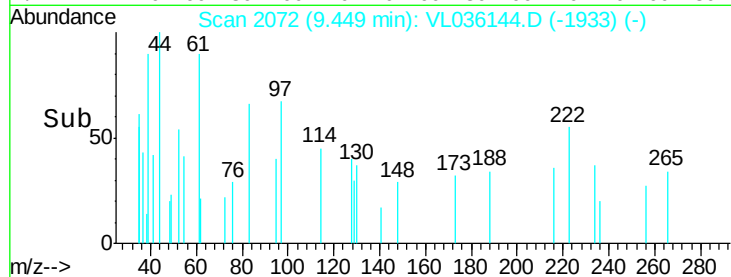
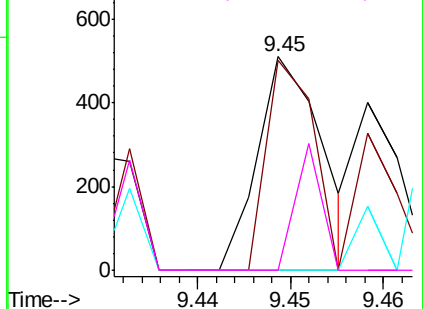


#47
 1,1,2-Trichloroethane
 Concen: 0.003 ppbv
 RT: 9.45 min Scan# 2072
 Delta R.T. -0.05 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

Tot Ion: 97 Resp: 246
 Ion Ratio Lower Upper
 97 100
 83 98.0 71.4 107.2
 85 0.0 46.6 70.0#
 99 0.0 50.7 76.1#

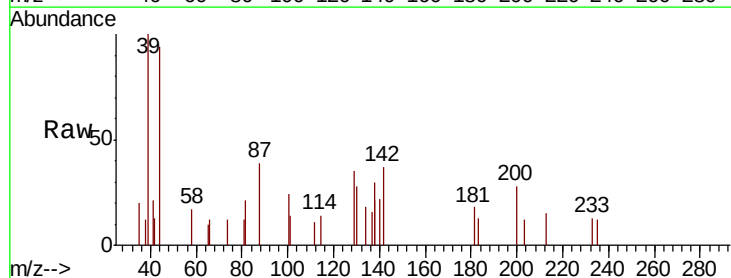


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

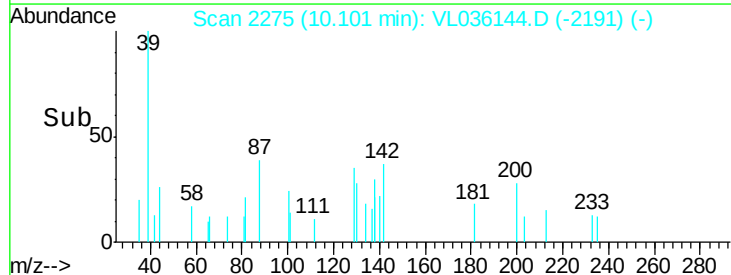
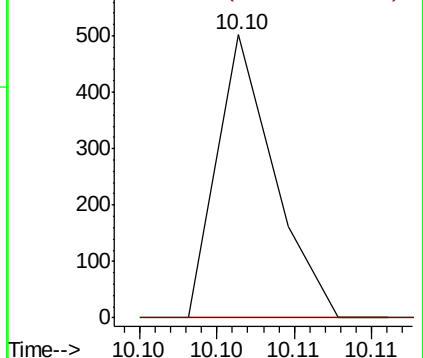


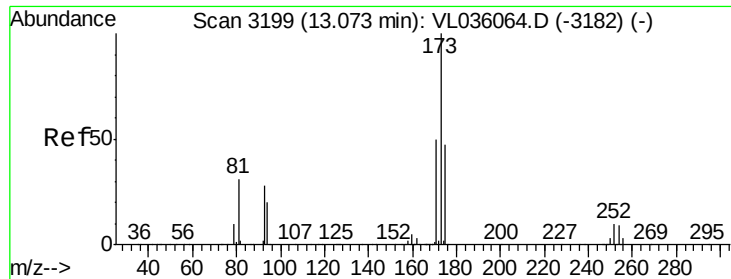
#48
 Dibromochloromethane
 Concen: 0.001 ppbv
 RT: 10.10 min Scan# 2275
 Delta R.T. -0.23 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

Tgt Ion: 129 Resp: 128
 Ion Ratio Lower Upper
 129 100
 127 40.6 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: 0.001 ppbv

RT: 12.98 min Scan# 3169

Delta R.T. -0.10 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

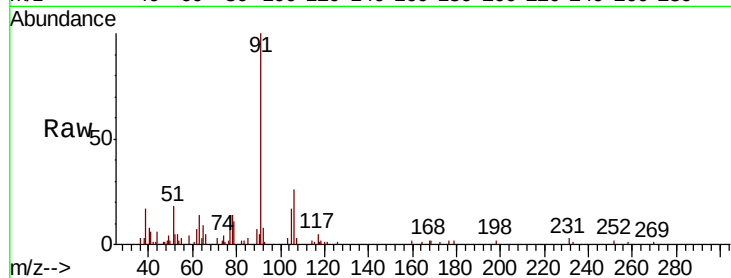
Tot Ion:173 Resp: 87

Ion Ratio Lower Upper

173 100

175 126.4 39.8 59.6#

171 0.0 42.5 63.7#

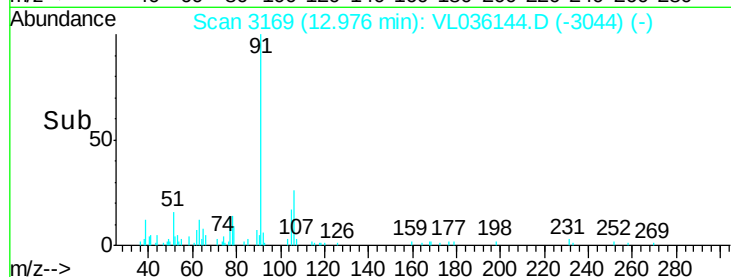


Abundance Ion 172.90 (172.60 to 173.60): V

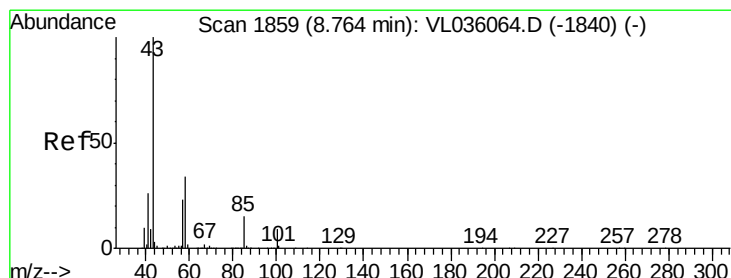
Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V

Time--> 12.97 12.97 12.98 12.98



Time--> 12.97 12.97 12.98 12.98



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 8.71 min Scan# 1843

Delta R.T. -0.05 min

Lab File: VL036144.D

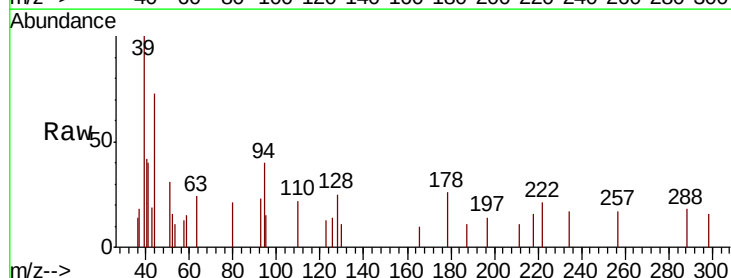
Acq: 11 Dec 2020 1:26

Tgt Ion: 43 Resp: 359

Ion Ratio Lower Upper

43 100

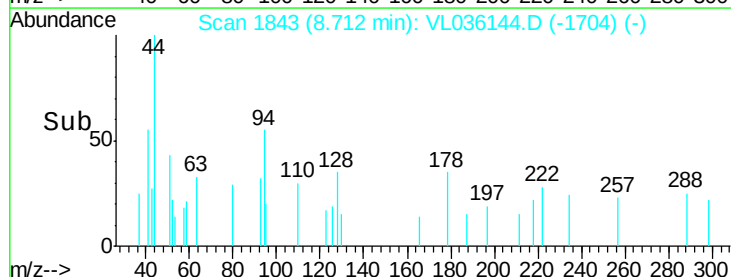
58 0.0 27.4 41.2#



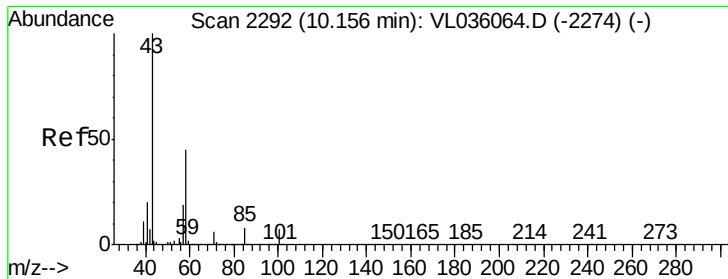
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Time--> 8.70 8.71 8.72



Time--> 8.70 8.71 8.72



#51

2-Hexanone

Concen: 0.003 ppbv

RT: 10.08 min Scan# 2269

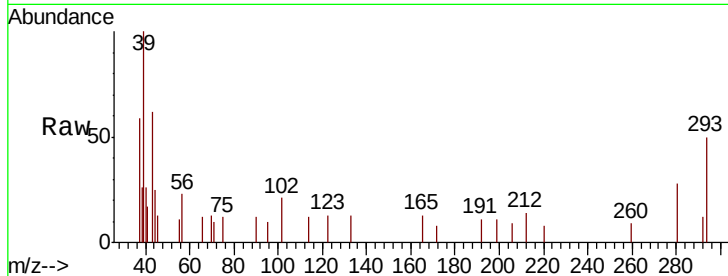
Delta R.T. -0.07 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

Tot Ion: 43 Resp: 553

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.7	58.1#
98	0.0	0.1	0.1#

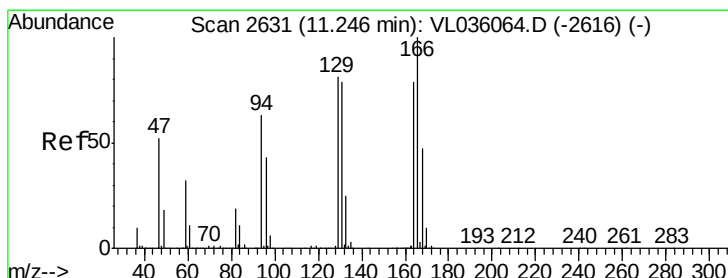
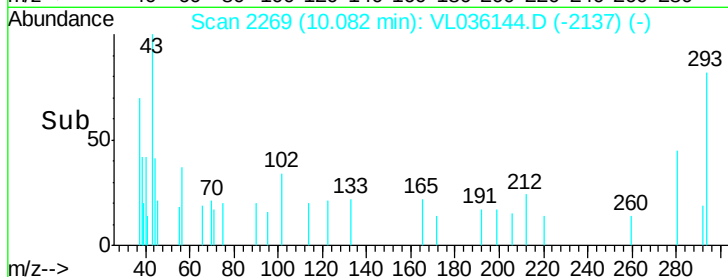
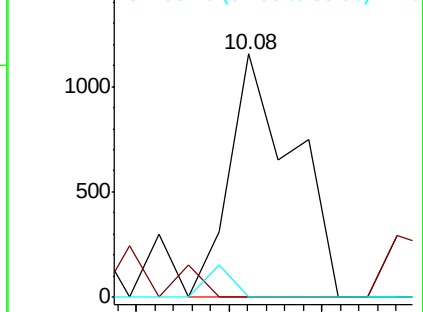


Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 19.755 ppbv

RT: 11.21 min Scan# 2619

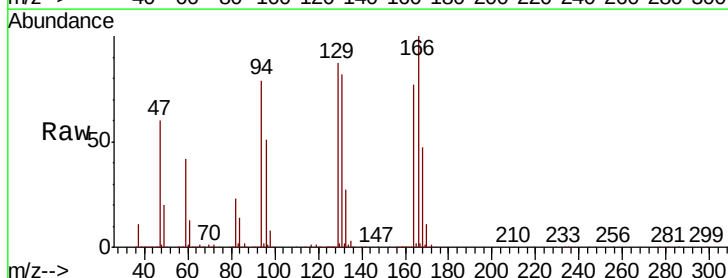
Delta R.T. -0.04 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

Tgt Ion: 164 Resp: 1565564

Ion	Ratio	Lower	Upper
164	100		
166	129.9	101.9	152.9
129	112.7	82.1	123.1
131	107.0	80.8	121.2



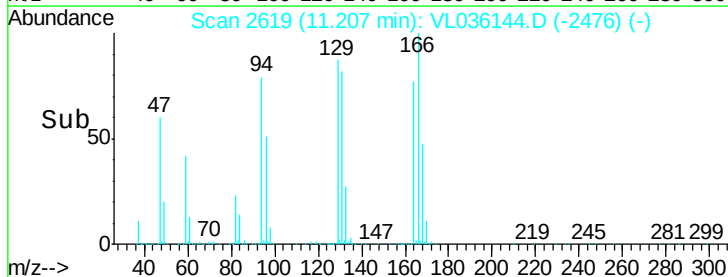
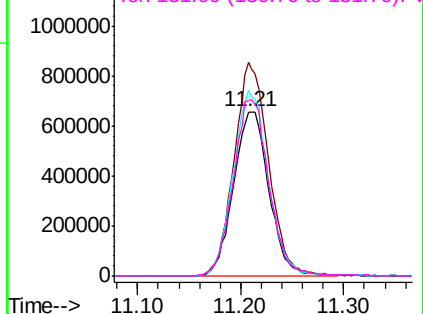
Abundance

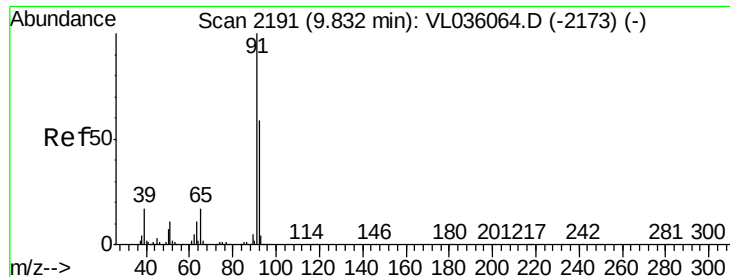
Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 0.006 ppbv

RT: 9.77 min Scan# 2173

Delta R.T. -0.06 min

Lab File: VL036144.D

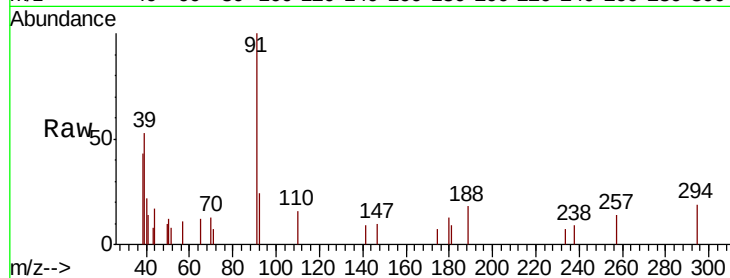
Acq: 11 Dec 2020 1:26

Tot Ion: 91 Resp: 1489

Ion Ratio Lower Upper

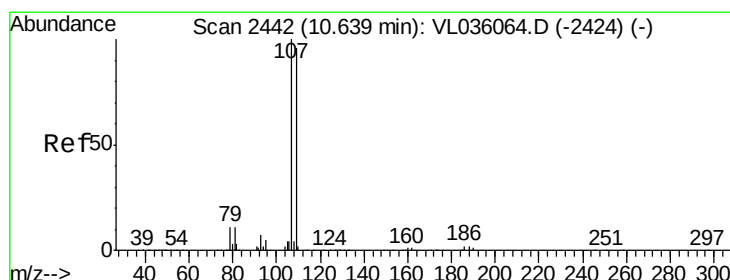
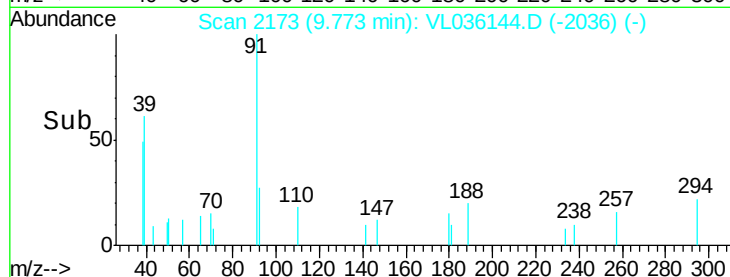
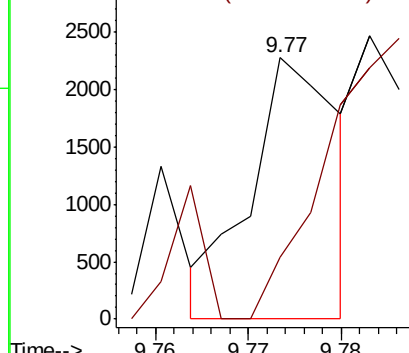
91 100

92 0.0 48.2 72.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 0.001 ppbv

RT: 10.60 min Scan# 2429

Delta R.T. -0.04 min

Lab File: VL036144.D

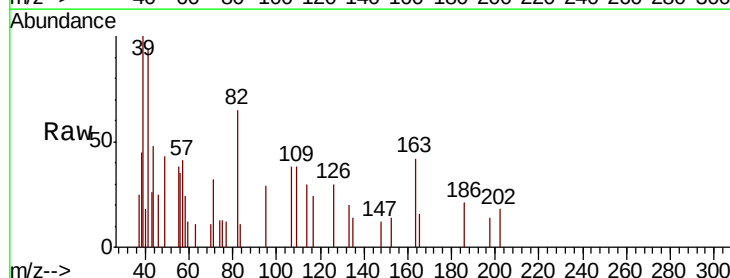
Acq: 11 Dec 2020 1:26

Tgt Ion: 107 Resp: 118

Ion Ratio Lower Upper

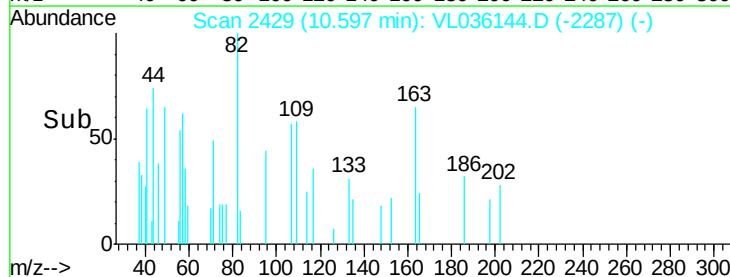
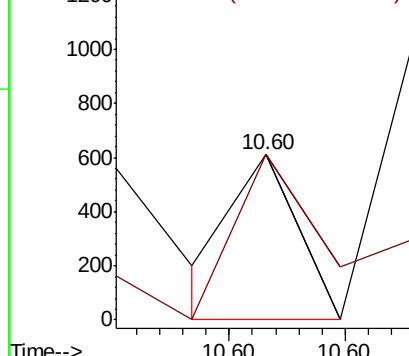
107 100

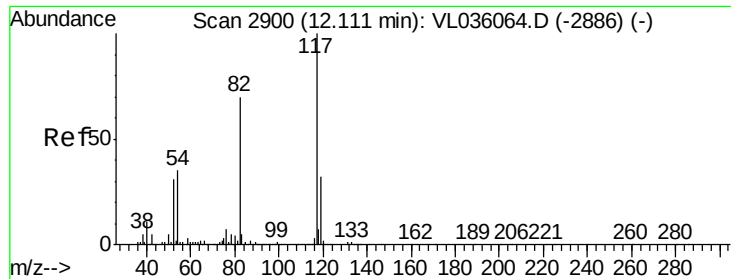
109 100.5 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

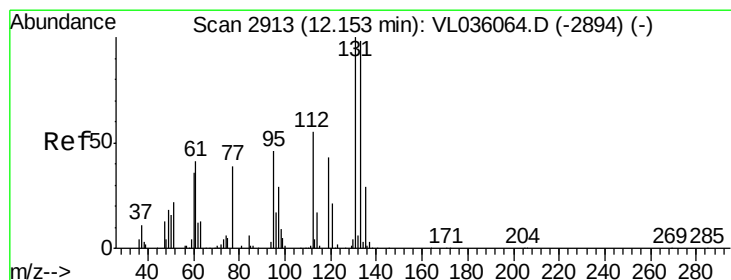
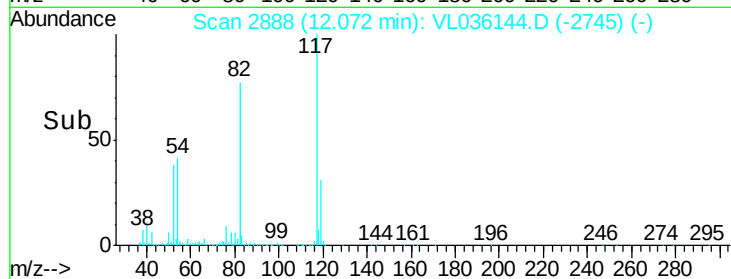
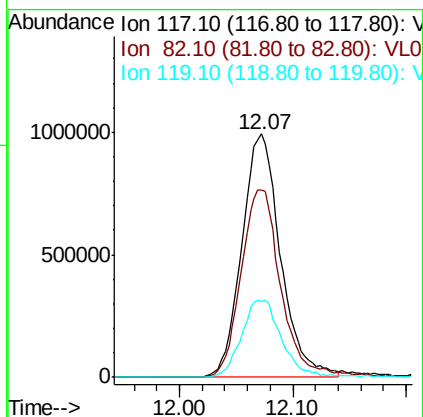
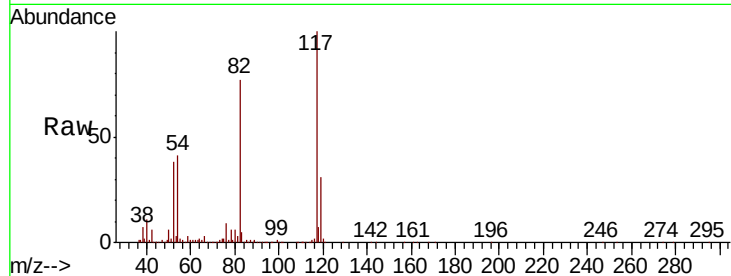
Ion 109.00 (108.70 to 109.70): V





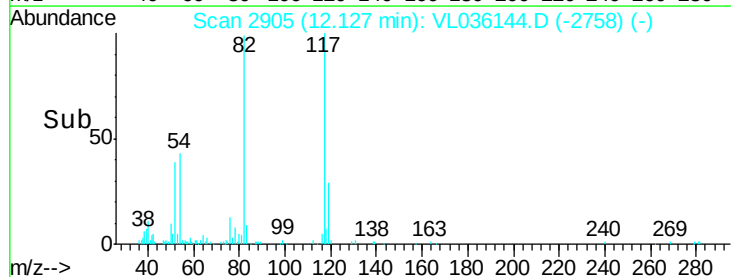
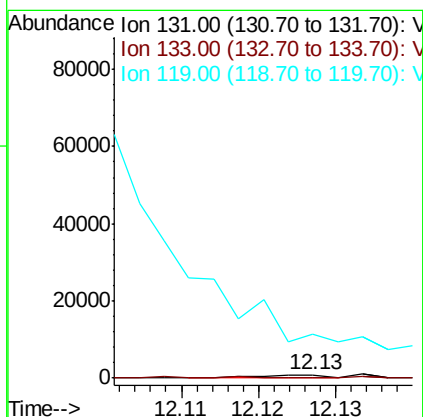
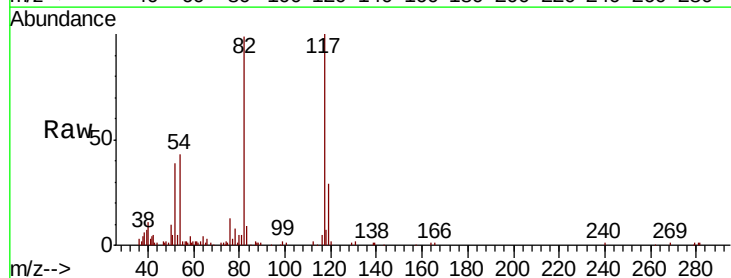
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.04 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

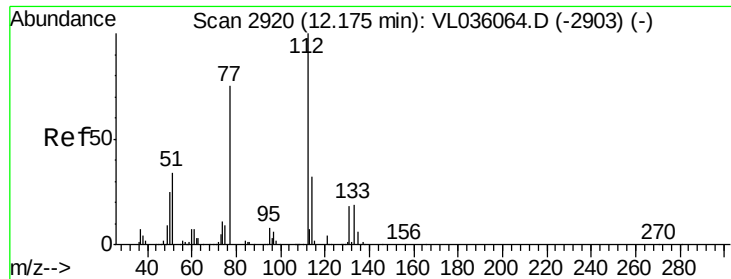
Tot Ion:117 Resp: 2365307
Ion Ratio Lower Upper
117 100
82 80.7 0.0 0.0#
119 33.2 0.0 0.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 0.006 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.03 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

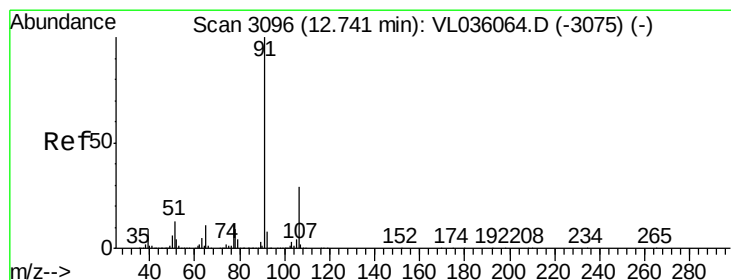
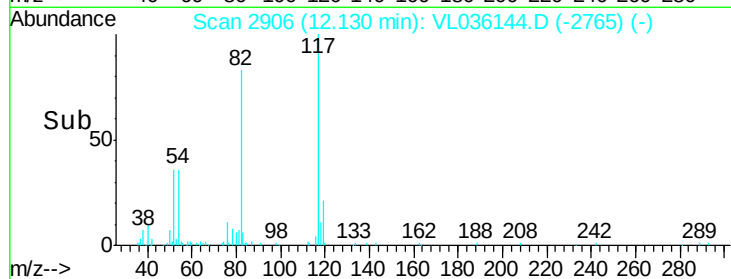
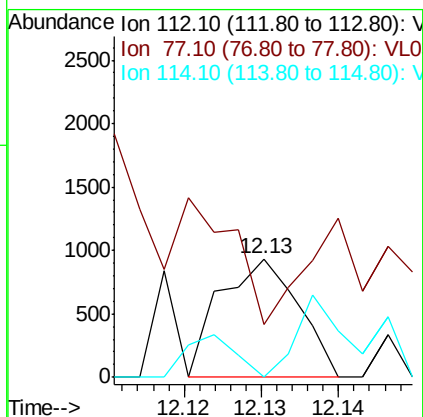
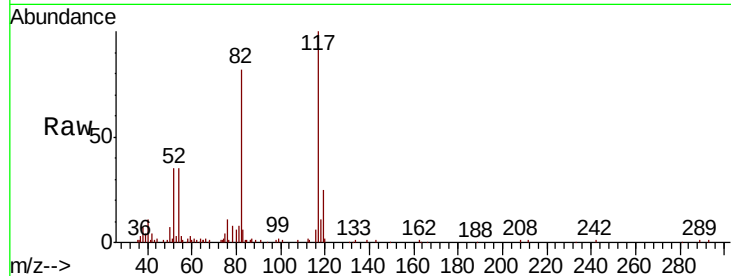
Tgt Ion:131 Resp: 603
Ion Ratio Lower Upper
131 100
133 0.0 77.7 116.5#
119 0.0 51.6 77.4#





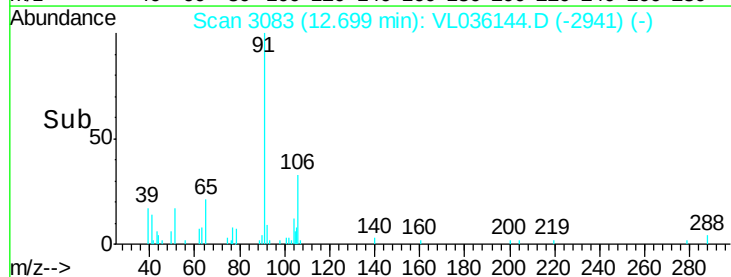
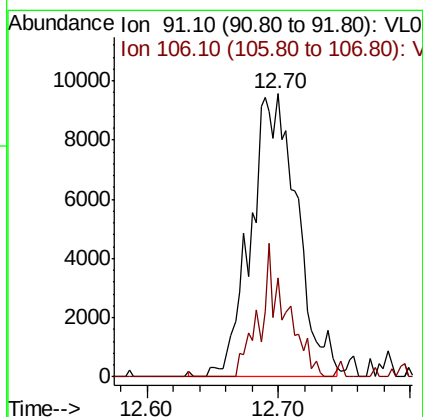
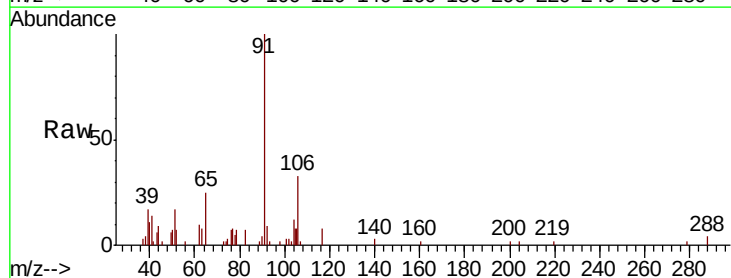
#57
Chlorobenzene
Concen: 0.004 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.05 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

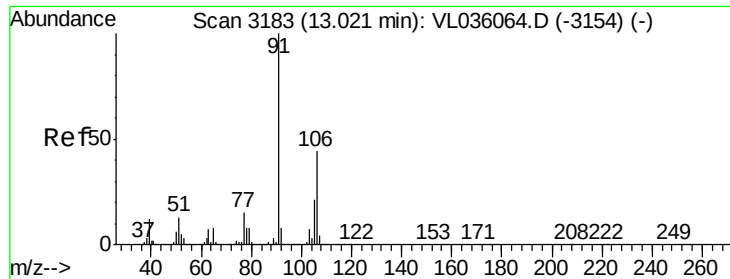
Tot Ion: 112 Resp: 661
Ion Ratio Lower Upper
112 100
77 0.0 60.5 90.7#
114 0.0 29.2 35.6#



#58
Ethyl Benzene
Concen: 0.072 ppbv m
RT: 12.70 min Scan# 3083
Delta R.T. -0.04 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

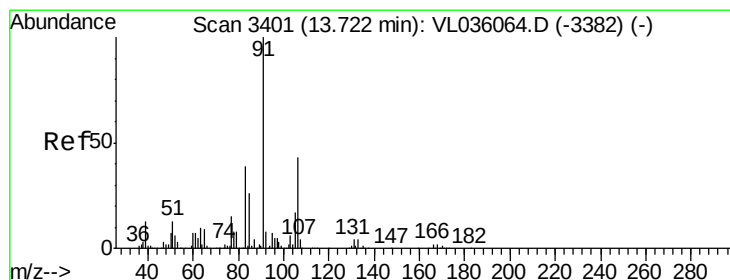
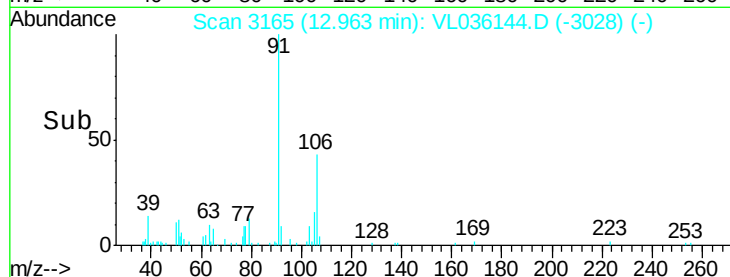
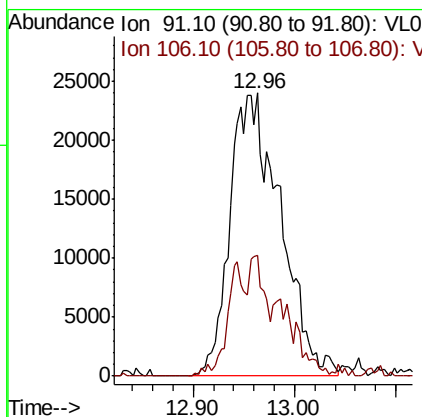
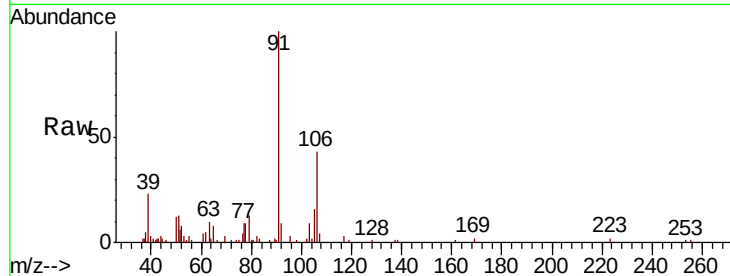
Tgt Ion: 91 Resp: 23363
Ion Ratio Lower Upper
91 100
106 33.0 23.0 34.4





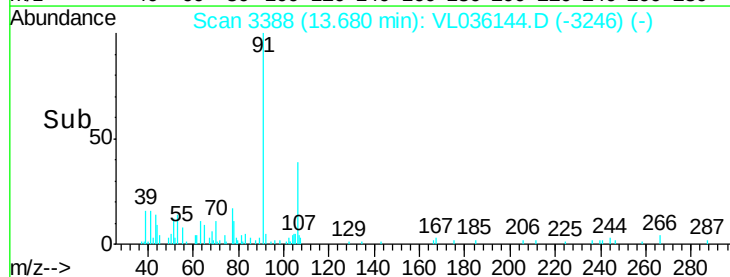
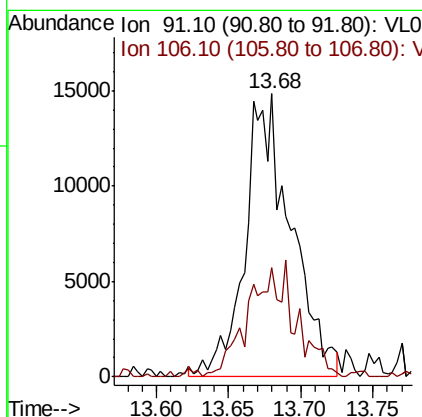
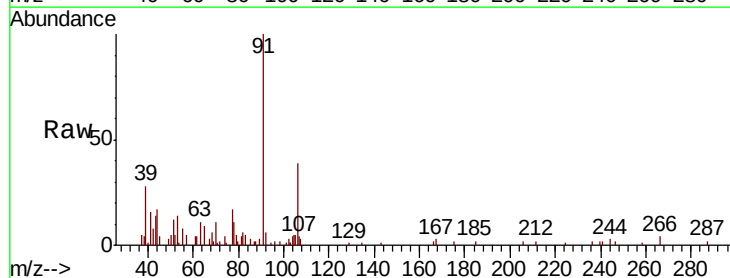
#59
m/p-Xylene
Concen: 0.302 ppbv m
RT: 12.96 min Scan# 3165
Delta R.T. -0.06 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

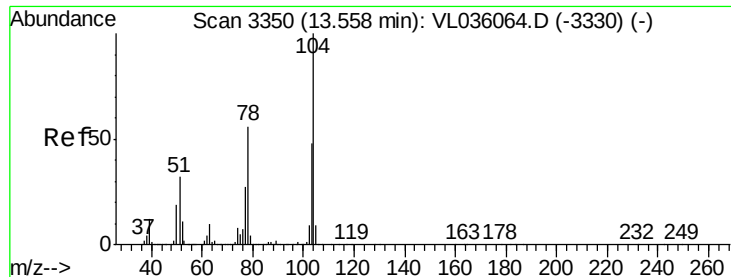
Tot Ion: 91 Resp: 82539
Ion Ratio Lower Upper
91 100
106 0.0 33.6 50.4#



#60
o-Xylene
Concen: 0.127 ppbv m
RT: 13.68 min Scan# 3388
Delta R.T. -0.04 min
Lab File: VL036144.D
Acq: 11 Dec 2020 1:26

Tgt Ion: 91 Resp: 32768
Ion Ratio Lower Upper
91 100
106 0.0 21.6 64.6#





#61

Stvrene

Concen: 0.001 ppbv

RT: 13.52 min Scan# 3337

Delta R.T. -0.04 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

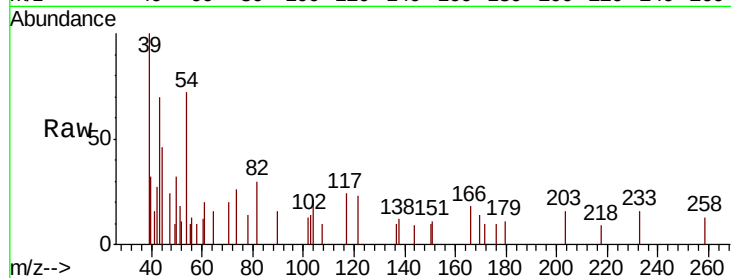
Tot Ion:104 Resp: 199

Ion Ratio Lower Upper

104 100

78 402.5 45.8 68.8#

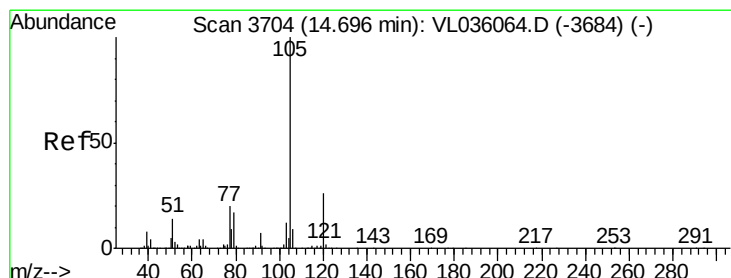
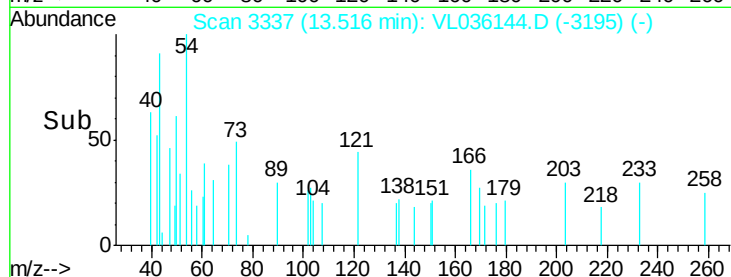
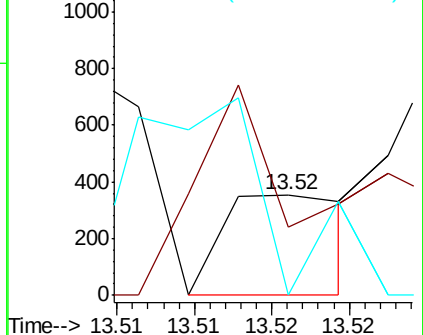
103 312.6 38.6 57.8#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.005 ppbv

RT: 14.65 min Scan# 3689

Delta R.T. -0.05 min

Lab File: VL036144.D

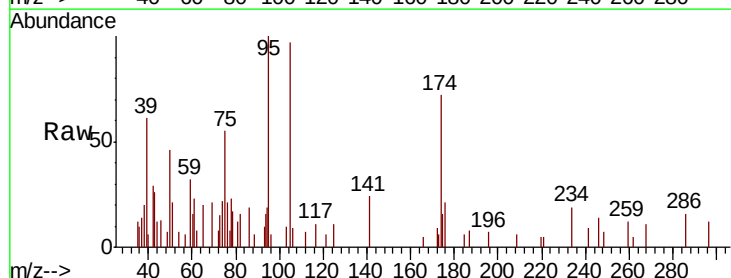
Acq: 11 Dec 2020 1:26

Tgt Ion:105 Resp: 1800

Ion Ratio Lower Upper

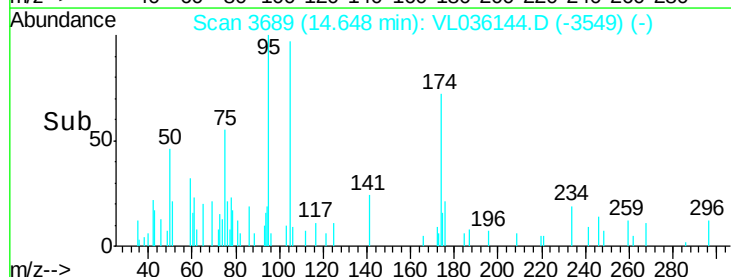
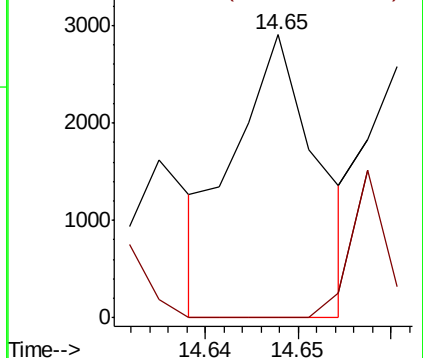
105 100

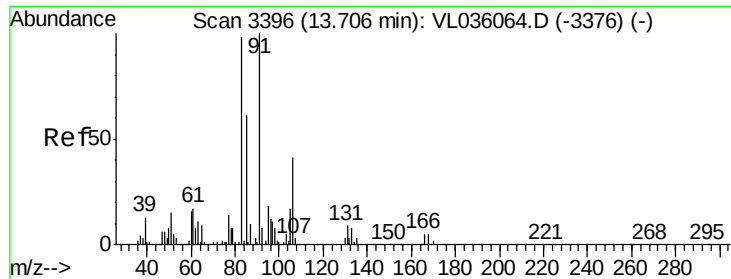
120 0.0 20.1 30.1#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 0.001 ppbv

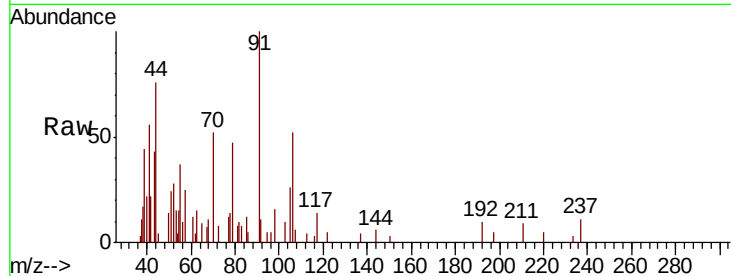
RT: 13.66 min Scan# 3381

Delta R.T. -0.05 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

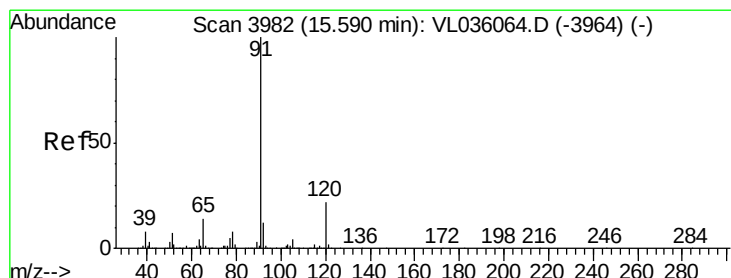
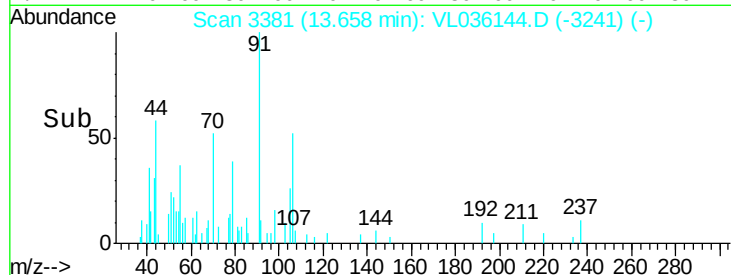
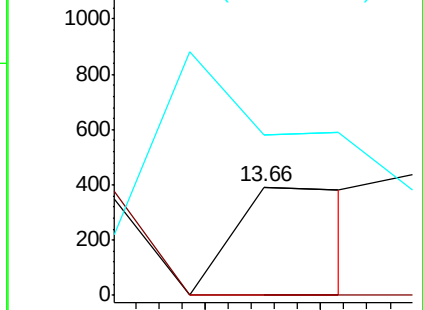
Tot Ion:	83	Resp:	149
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.6	13.8#
85	0.0	32.5	97.5#



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



#64

n-propylbenzene

Concen: 0.001 ppbv

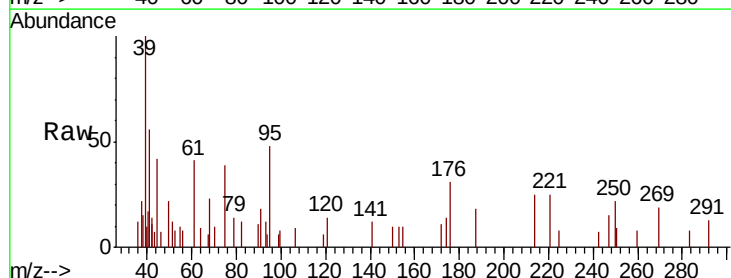
RT: 15.53 min Scan# 3964

Delta R.T. -0.06 min

Lab File: VL036144.D

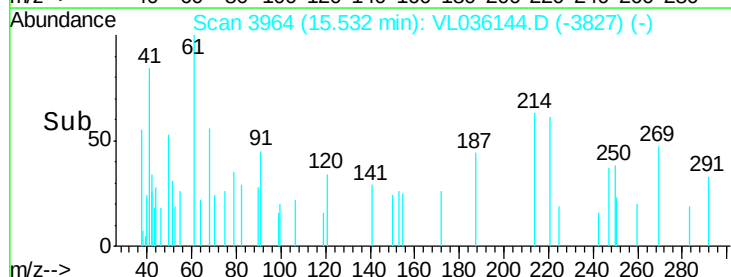
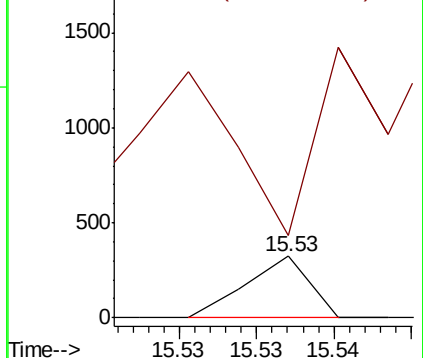
Acq: 11 Dec 2020 1:26

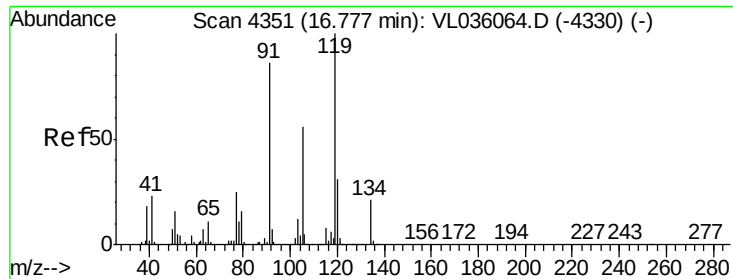
Tgt Ion:	120	Resp:	92
Ion	Ratio	Lower	Upper
120	100		
91	575.0	388.9	583.3



Abundance Ion 120.20 (119.90 to 120.90): V

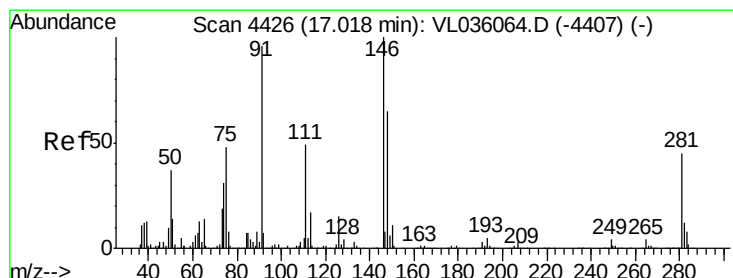
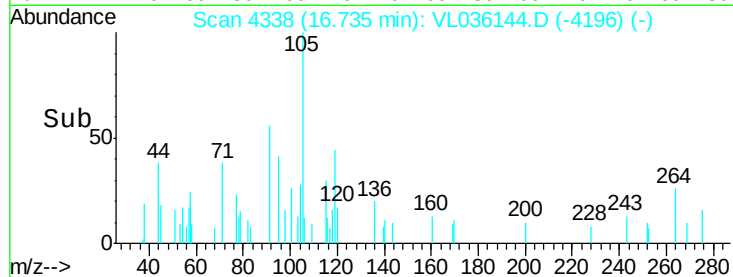
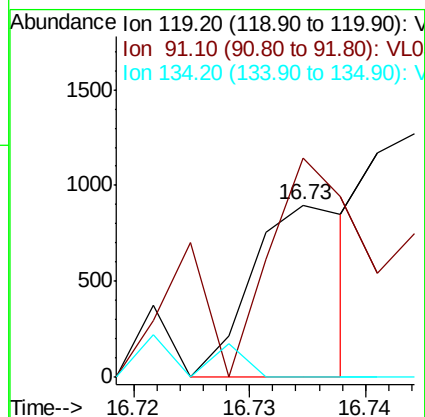
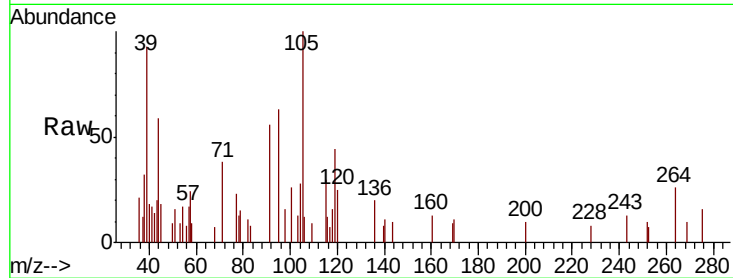
Ion 91.10 (90.80 to 91.80): VL0





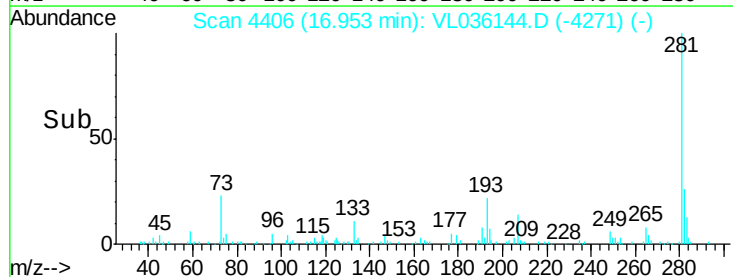
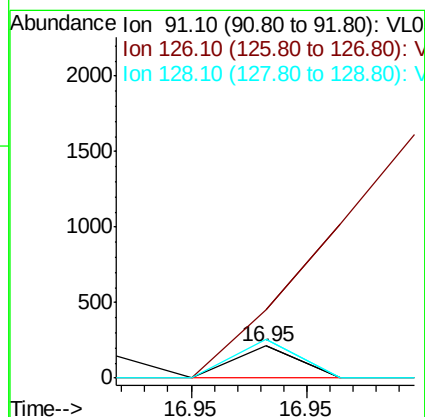
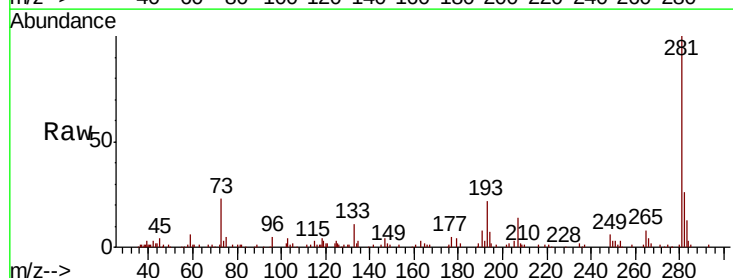
#65
 tert-Butylbenzene
 Concen: 0.002 ppbv
 RT: 16.73 min Scan# 4338
 Delta R.T. -0.04 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

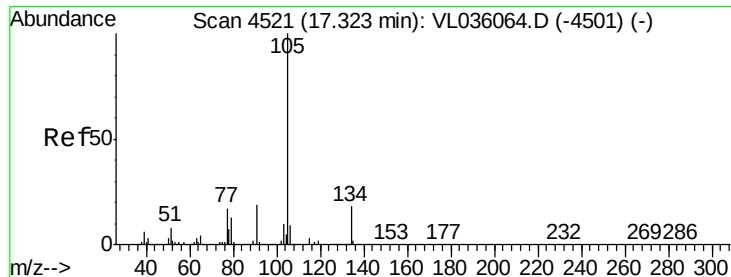
Tot Ion: 119 Resp: 525
 Ion Ratio Lower Upper
 119 100
 91 259.8 70.2 105.2#
 134 0.0 15.8 23.6#



#66
 Benzyl Chloride
 Concen: 0.001 ppbv
 RT: 16.95 min Scan# 4406
 Delta R.T. -0.06 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

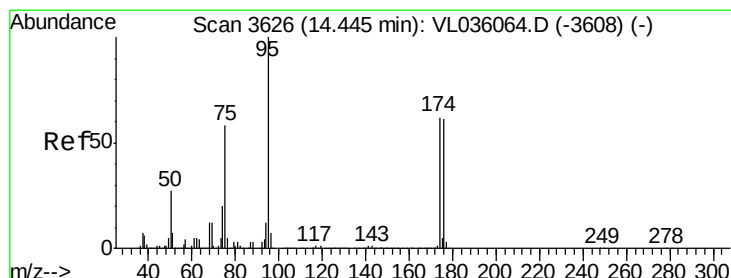
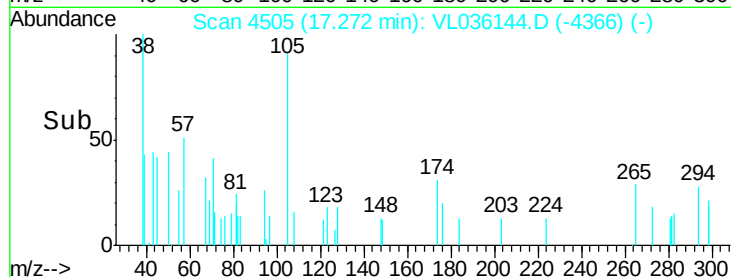
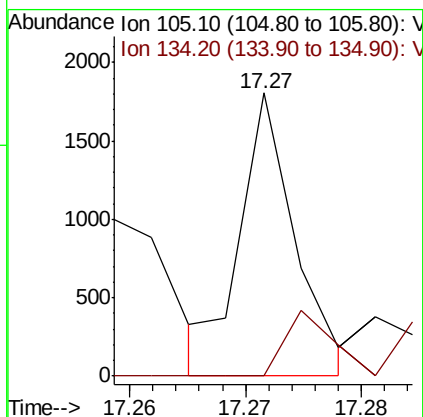
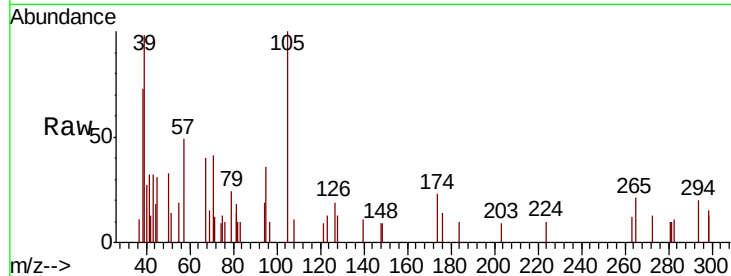
Tgt Ion: 91 Resp: 41
 Ion Ratio Lower Upper
 91 100
 126 2880.5 13.5 20.3#
 128 424.4 4.4 6.6#





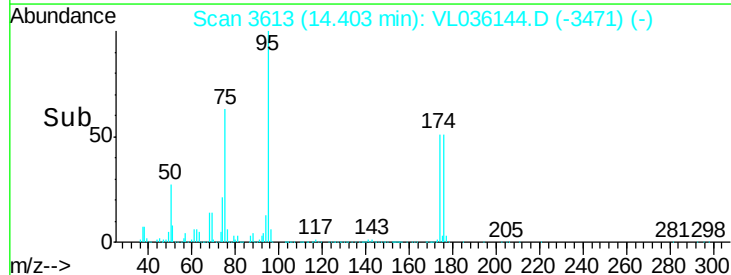
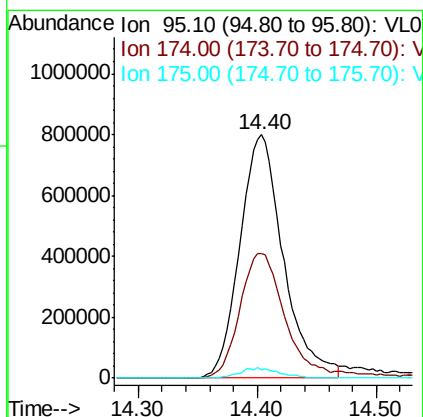
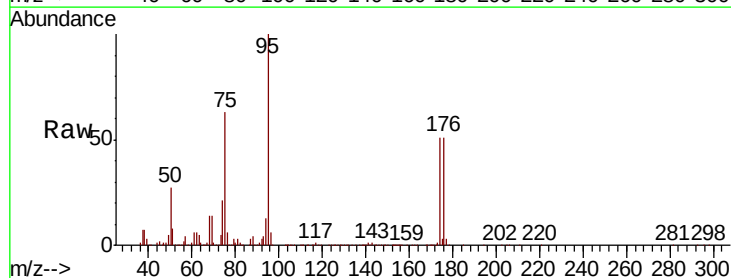
#67
 sec-Butylbenzene
 Concen: 0.001 ppbv
 RT: 17.27 min Scan# 4505
 Delta R.T. -0.05 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

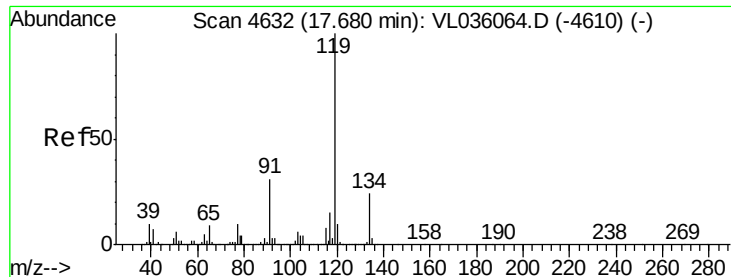
Tot Ion: 105 Resp: 589
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.2 21.4#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.766 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T. -0.04 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

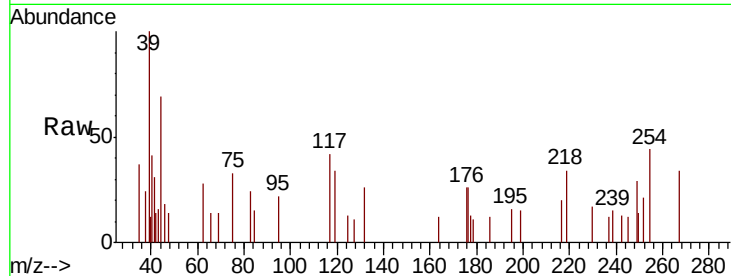
Tgt Ion: 95 Resp: 2021946
 Ion Ratio Lower Upper
 95 100
 174 56.5 50.7 76.1
 175 4.0 4.0 6.0#



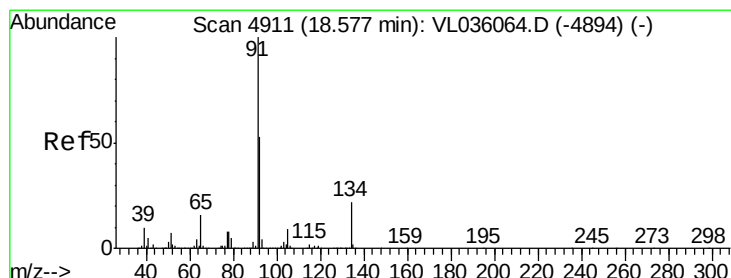
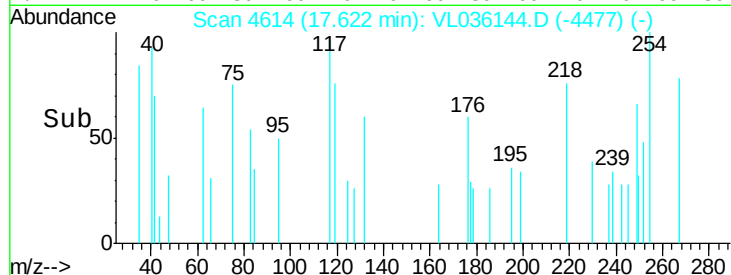
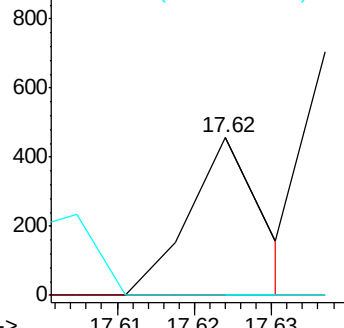


#69
 p-Isopropyltoluene
 Concen: 0.000 ppbv
 RT: 17.62 min Scan# 4614
 Delta R.T. -0.06 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.8	29.6#
91	0.0	25.8	38.6#

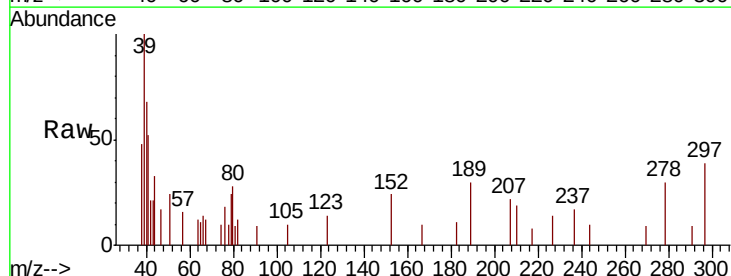


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

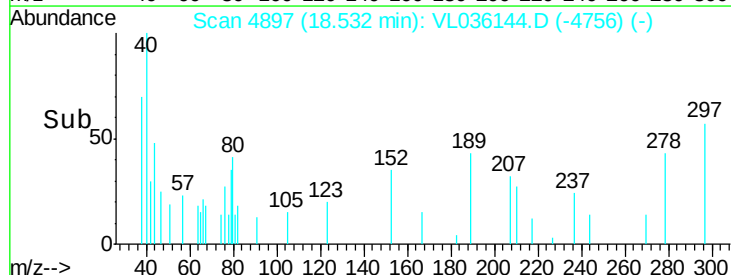
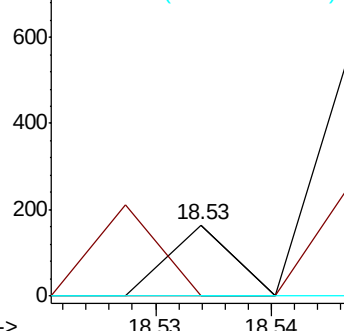


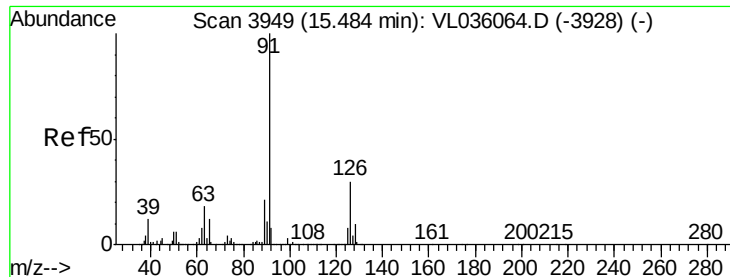
#70
 n-Butylbenzene
 Concen: 0.000 ppbv
 RT: 18.53 min Scan# 4897
 Delta R.T. -0.05 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.3	64.9#
134	0.0	17.1	25.7#



Abundance Ion 91.10 (90.80 to 91.80): V
 Ion 92.10 (91.80 to 92.80): V
 Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 0.001 ppbv

RT: 15.48 min Scan# 3947

Delta R.T. -0.01 min

Lab File: VL036144.D

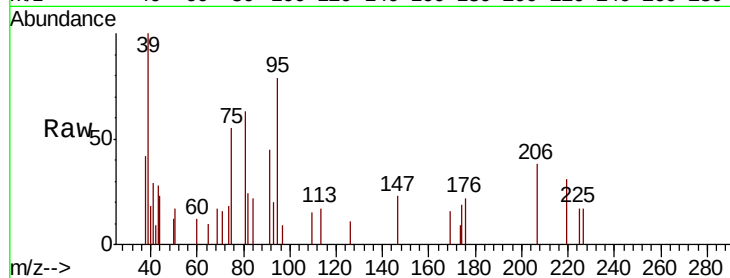
Acq: 11 Dec 2020 1:26

Tot Ion: 91 Resp: 363

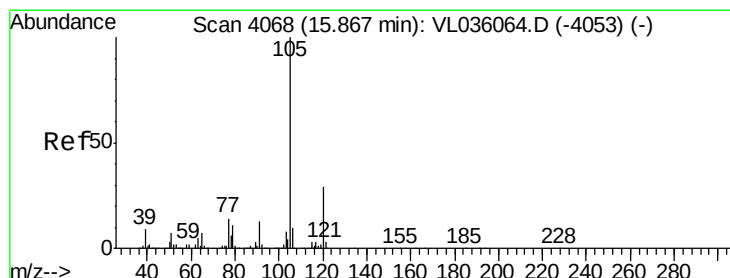
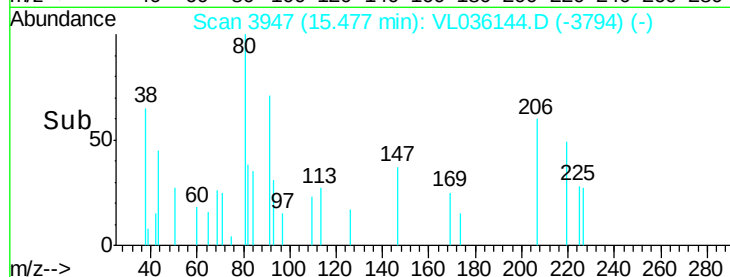
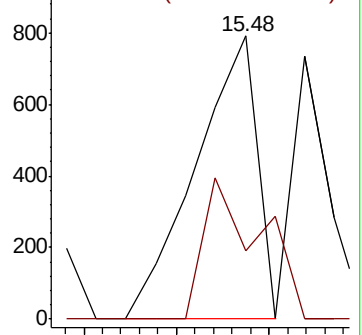
Ion Ratio Lower Upper

91 100

126 46.3 11.6 46.4



Abundance Ion 91.10 (90.80 to 91.80): VL0



#72

4-Ethyltoluene

Concen: 0.003 ppbv

RT: 15.82 min Scan# 4054

Delta R.T. -0.05 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

Tgt Ion: 105 Resp: 831

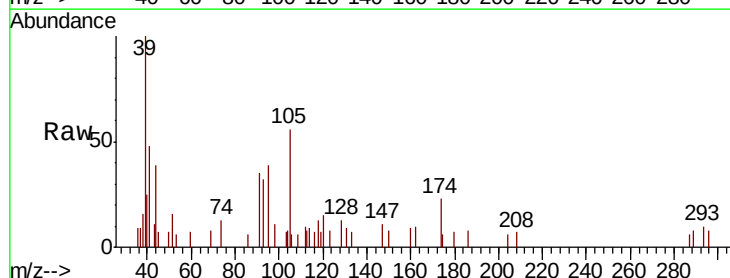
Ion Ratio Lower Upper

105 100

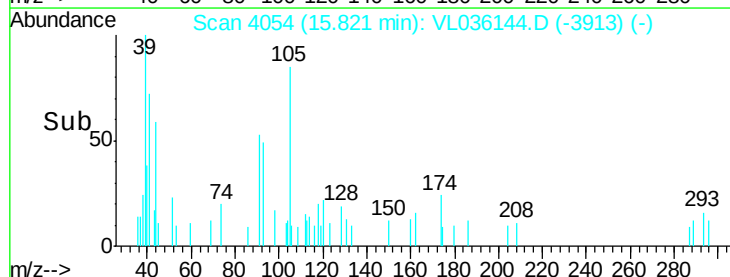
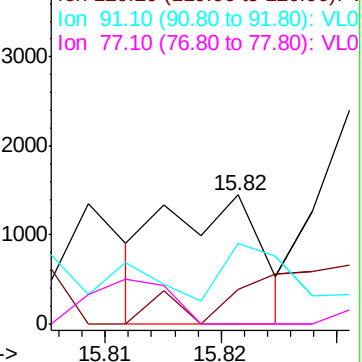
120 0.0 23.6 35.4#

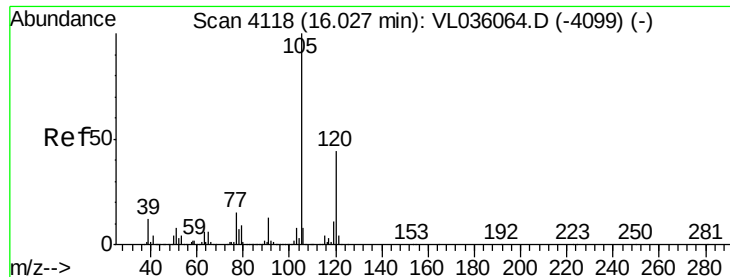
91 166.3 11.4 17.0#

77 0.0 12.1 18.1#



Abundance Ion 105.10 (104.80 to 105.80): V





#73

1,3,5-Trimethylbenzene

Concen: 0.001 ppbv

RT: 15.98 min Scan# 4102

Delta R.T. -0.05 min

Lab File: VL036144.D

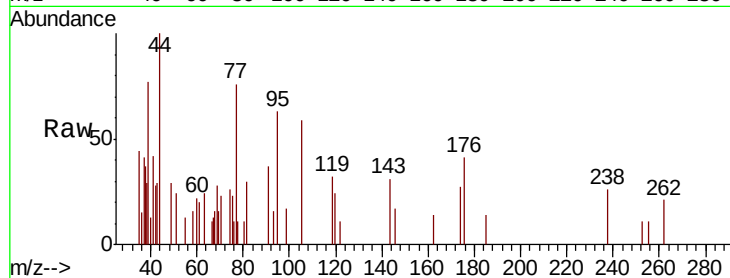
Acq: 11 Dec 2020 1:26

Tot Ion:105 Resp: 317

Ion Ratio Lower Upper

105 100

120 41.5 35.4 53.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

1000

800

600

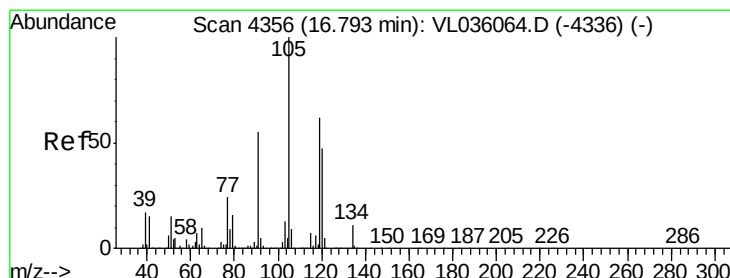
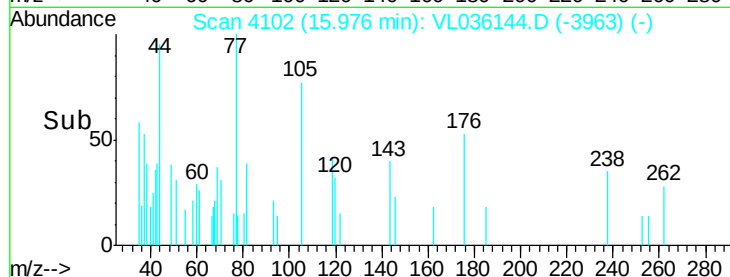
400

200

0

15.97 15.97 15.98 15.98

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 0.004 ppbv

RT: 16.73 min Scan# 4338

Delta R.T. -0.06 min

Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

Tgt Ion:105 Resp: 954

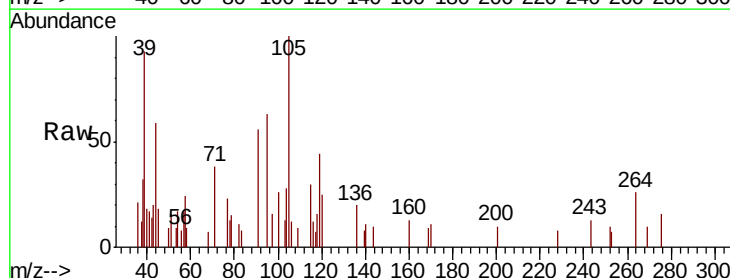
Ion Ratio Lower Upper

105 100

120 13.6 37.4 56.0#

91 25.7 45.6 68.4#

77 26.9 19.4 29.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

3000

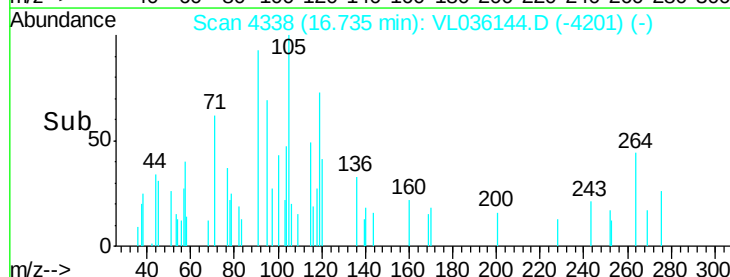
2000

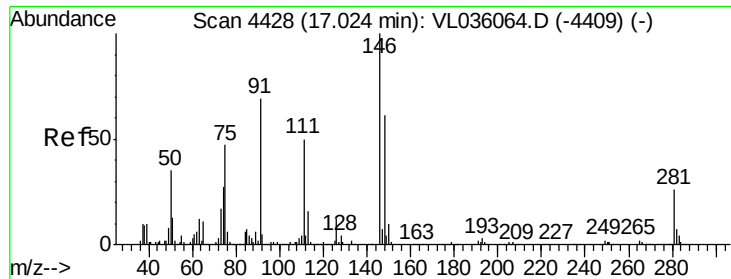
1000

0

16.72 16.73 16.74

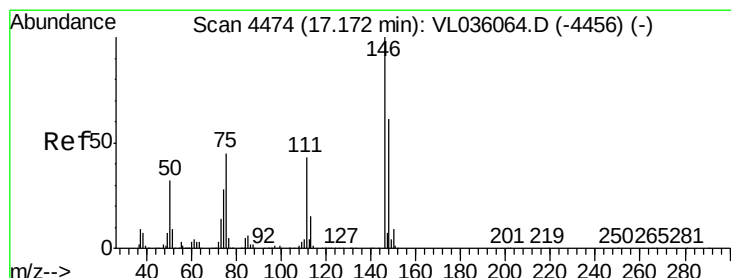
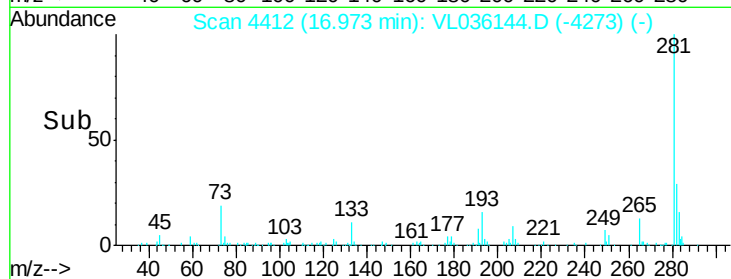
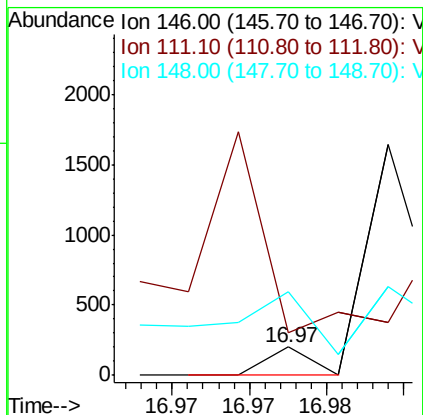
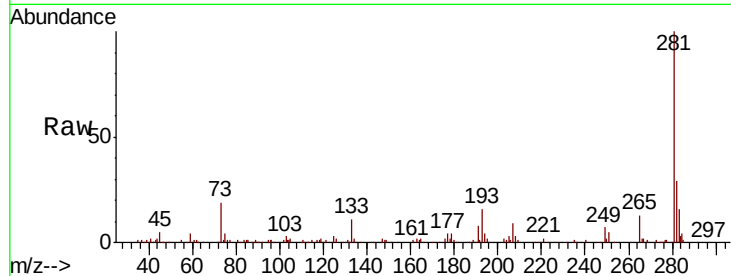
Time-->





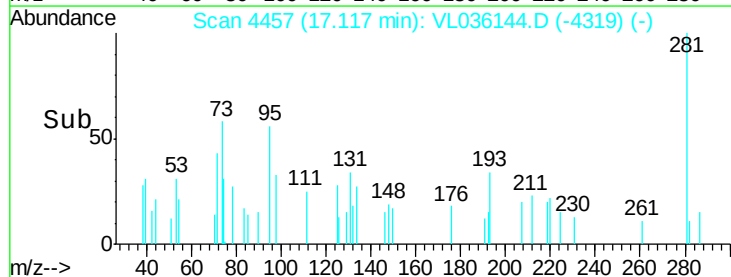
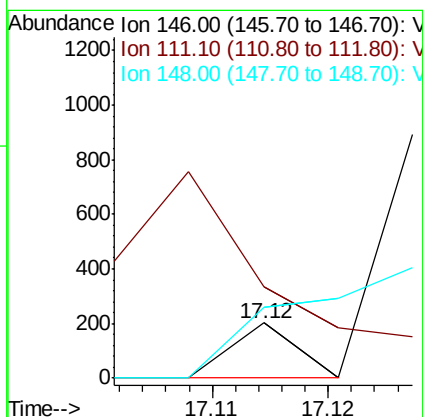
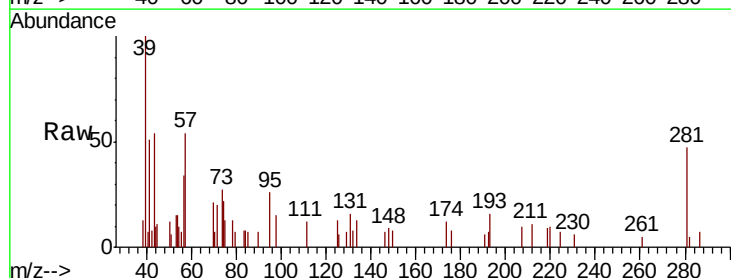
#75
 1,3-Dichlorobenzene
 Concen: 0.000 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T. -0.05 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

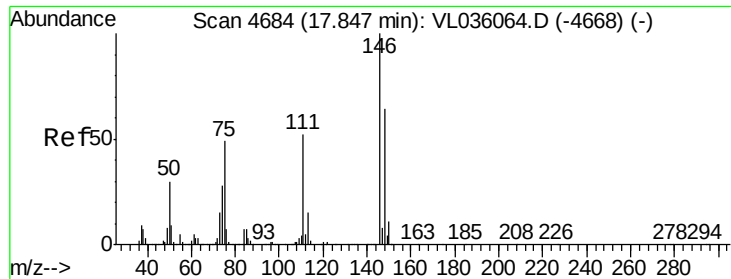
Tot Ion:146 Resp: 38
 Ion Ratio Lower Upper
 146 100
 111 0.0 25.1 75.3#
 148 0.0 32.9 98.6#



#76
 1,4-Dichlorobenzene
 Concen: 0.000 ppbv
 RT: 17.12 min Scan# 4457
 Delta R.T. -0.05 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

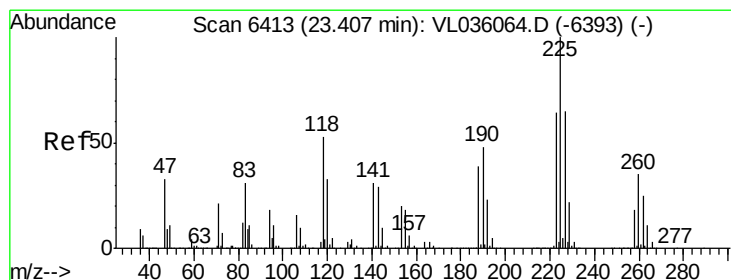
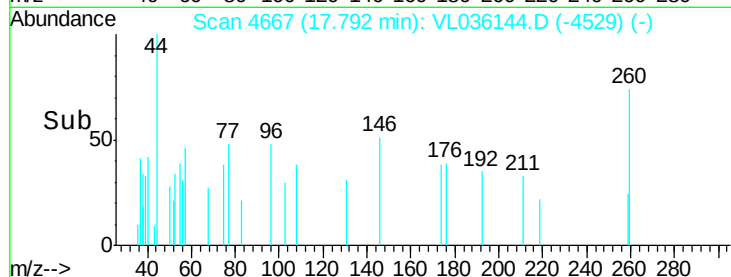
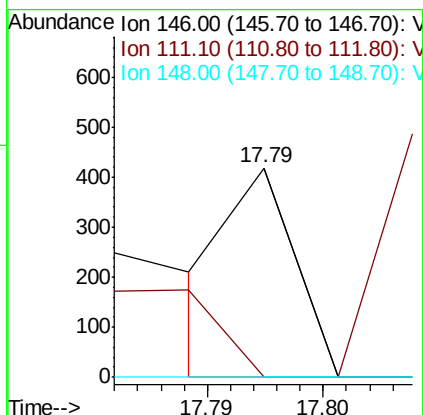
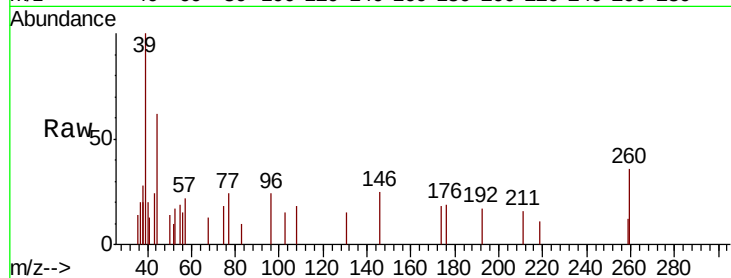
Tgt Ion:146 Resp: 39
 Ion Ratio Lower Upper
 146 100
 111 1384.6 24.3 72.8#
 148 0.0 32.8 98.3#





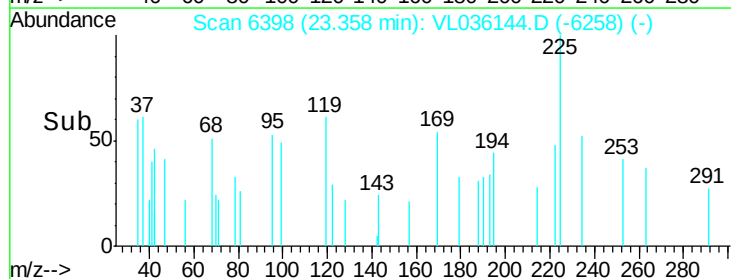
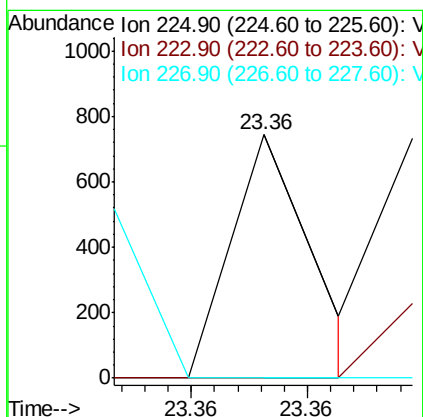
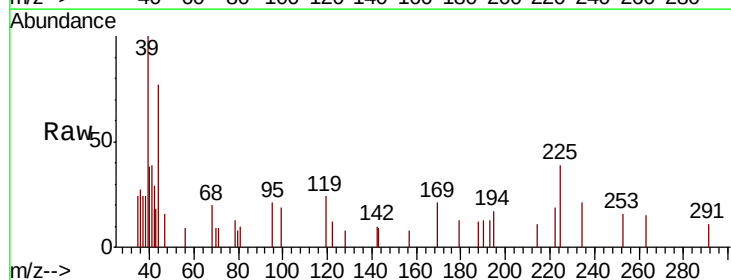
#77
 1,2-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.79 min Scan# 4667
 Delta R.T. -0.05 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

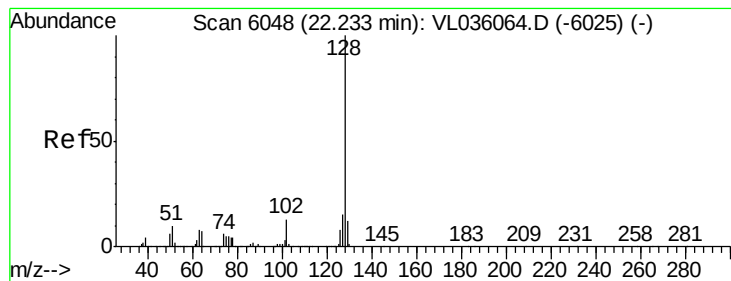
Tot Ion:146 Resp: 81
 Ion Ratio Lower Upper
 146 100
 111 0.0 26.1 78.2#
 148 0.0 33.1 99.5#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.002 ppbv
 RT: 23.36 min Scan# 6398
 Delta R.T. -0.05 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

Tgt Ion:225 Resp: 180
 Ion Ratio Lower Upper
 225 100
 223 78.3 51.1 76.7#
 227 101.7 51.7 77.5#





#79

Naphthalene

Concen: 0.001 ppbv

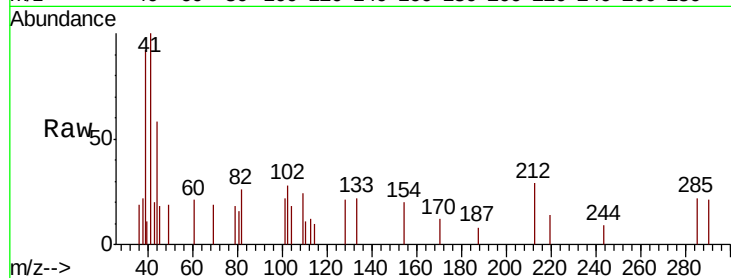
RT: 22.18 min Scan# 6032

Delta R.T. -0.05 min

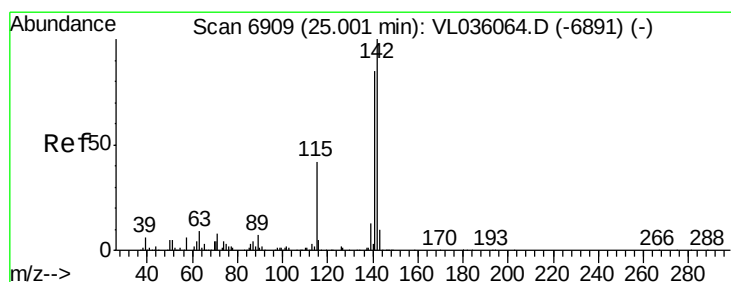
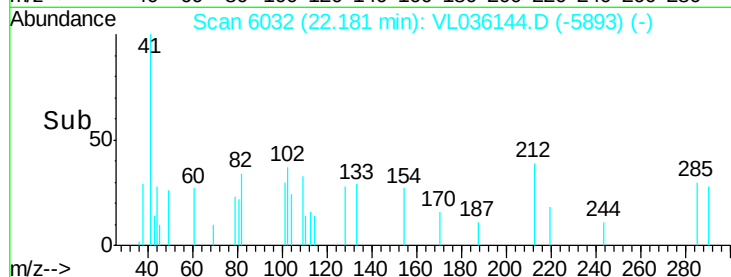
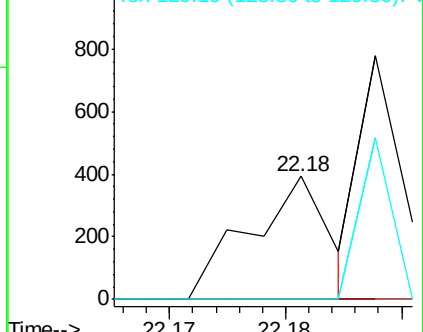
Lab File: VL036144.D

Acq: 11 Dec 2020 1:26

Tot Ion:	128	Resp:	187
Ion	Ratio	Lower	Upper
128	100		
127	0.0	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: 0.007 ppbv

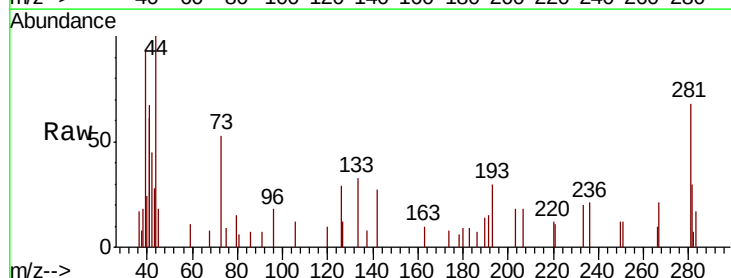
RT: 24.91 min Scan# 6882

Delta R.T. -0.09 min

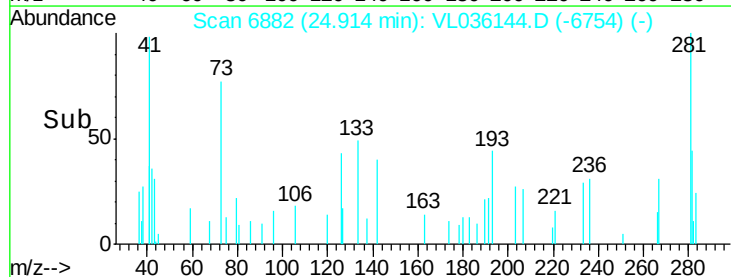
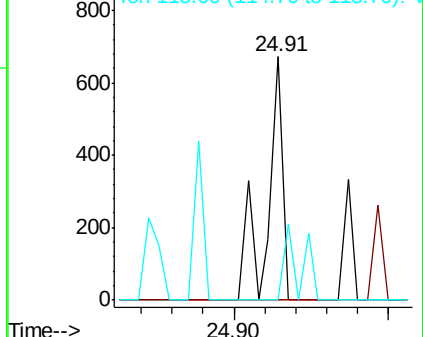
Lab File: VL036144.D

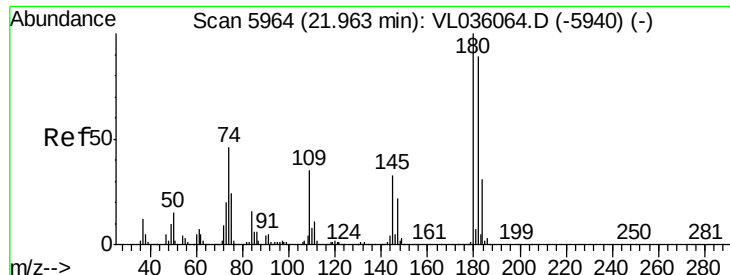
Acq: 11 Dec 2020 1:26

Tgt Ion:	142	Resp:	226
Ion	Ratio	Lower	Upper
142	100		
141	0.0	64.3	96.5#
115	33.6	33.9	50.9#



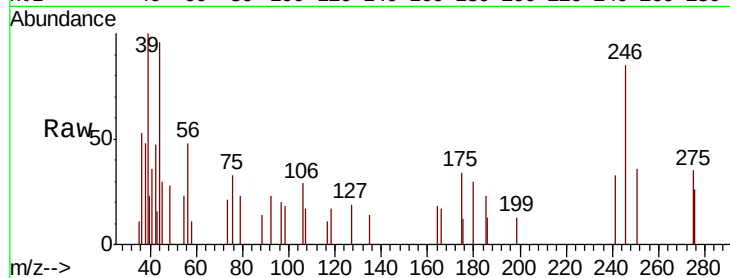
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.002 ppbv
 RT: 21.94 min Scan# 5957
 Delta R.T. -0.02 min
 Lab File: VL036144.D
 Acq: 11 Dec 2020 1:26

Tot Ion:	180	Resp:	141
Ion	Ratio	Lower	Upper
180	100		
182	205.0	0.0	0.0#
184	237.6	0.0	0.0#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

