

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036158.D
 Acq On : 11 Dec 2020 10:39
 Operator : SY/AP
 Sample : L4930-02DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 14 22:03:51 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	1202121	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2424273	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2176407	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1929357	11.16	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	33772m	0.241	ppbv
3) Chlorodifluoromethane	2.97	51	63374	0.462	ppbv # 92
4) Chloromethane	3.13	50	34270	0.509	ppbv 92
5) Vinyl Chloride	3.24	62	197	0.003	ppbv # 44
6) Bromomethane	3.47	94	420	0.011	ppbv # 1
7) Chloroethane	3.55	64	363	0.014	ppbv # 40
8) Dichlorotetrafluoroethane	3.17	85	2288	0.015	ppbv # 16
9) Propene	3.00	41	48357	0.704	ppbv 87
10) Heptane	8.10	43	17873m	0.102	ppbv
11) Trichlorofluoromethane	3.93	101	41660	0.253	ppbv 88
12) 1,1,2-Trichlorotrifluoroet	4.47	101	7550m	0.067	ppbv
13) Ethanol	3.60	45	140406m	14.824	ppbv
14) Bromoethene	3.72	108	121	0.003	ppbv # 4
15) Acetone	3.84	43	507910	3.516	ppbv 92
17) tert-Butyl alcohol	4.29	59	405	0.003	ppbv # 71
18) 1,1-Dichloroethene	4.27	96	123	0.002	ppbv # 44
19) Isopropyl Alcohol	3.98	45	59895m	0.678	ppbv
20) Methylene Chloride	4.33	84	446252	7.537	ppbv 99
21) Allvl Chloride	4.40	41	662	0.007	ppbv # 18
22) trans-1,2-Dichloroethene	4.86	96	185	0.004	ppbv # 33
23) Vinyl Acetate	5.06	43	1766	0.009	ppbv # 1
24) 1,1-Dichloroethane	4.99	63	419	0.003	ppbv # 88
26) Hexane	5.67	57	302594	2.329	ppbv # 41
27) Carbon Disulfide	4.53	76	367	0.003	ppbv # 59
28) Methyl tert-Butyl Ether	5.01	73	169	0.001	ppbv # 51
29) Chloroform	5.74	83	4570	0.027	ppbv 98
30) Cyclohexane	7.10	84	1147	0.012	ppbv # 1
31) cis-1,2-Dichloroethene	5.53	61	242	0.002	ppbv # 1
32) 1,1,1-Trichloroethane	6.50	97	358	0.002	ppbv # 1
34) 2-Butanone	5.23	43	35157	0.219	ppbv 94
35) Carbon Tetrachloride	6.98	117	1414	0.010	ppbv 96
36) Benzene	6.87	78	53697	0.261	ppbv # 88
37) 1,2-Dichloroethane	6.29	62	2743	0.023	ppbv # 83
38) Trichloroethene	7.81	130	1077	0.014	ppbv # 50
40) 1,4-Dioxane	7.79	88	61	0.002	ppbv # 1
41) Tetrahydrofuran	6.05	42	1381	0.014	ppbv # 45
42) Bromodichloromethane	7.77	83	435	0.003	ppbv # 60
43) Methyl Methacrylate	7.98	69	405	0.005	ppbv # 1
44) 2,2,4-Trimethylpentane	7.85	57	41647m	0.112	ppbv
45) t-1,3-Dichloropropene	8.85	75	174	0.002	ppbv 93
46) cis-1,3-Dichloropropene	8.67	75	62	0.001	ppbv # 19

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Quant Time: Dec 14 22:03:51 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

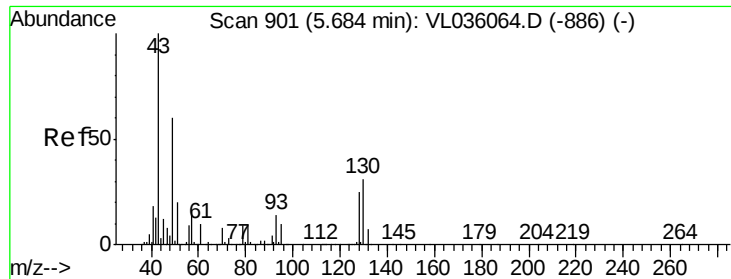
QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration

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

47) 1,1,2-Trichloroethane	9.46	97	274	0.004	ppbv #	33
48) Dibromochloromethane	10.28	129	297	0.003	ppbv	77
49) Bromoform	13.01	173	174	0.002	ppbv #	39
50) 4-Methyl-2-Pentanone	8.71	43	111	0.000	ppbv #	40
51) 2-Hexanone	10.10	43	1214	0.006	ppbv #	29
52) Tetrachloroethene	11.19	164	159	0.002	ppbv #	33
53) Toluene	9.79	91	338270m	1.466	ppbv	
54) 1,2-Dibromoethane	10.57	107	266	0.002	ppbv #	60
56) 1,1,1,2-Tetrachloroethane	12.11	131	191	0.002	ppbv #	50
57) Chlorobenzene	12.12	112	1391	0.009	ppbv #	31
58) Ethyl Benzene	12.70	91	28403m	0.095	ppbv	
59) m/p-Xylene	12.95	91	87982m	0.350	ppbv	
60) o-Xylene	13.68	91	30673m	0.130	ppbv	
62) Isopropylbenzene	14.40	105	496	0.001	ppbv	92
63) 1,1,2,2-Tetrachloroethane	13.66	83	395	0.002	ppbv #	25
64) n-propylbenzene	15.27	120	88	0.001	ppbv	87
65) tert-Butylbenzene	16.71	119	304	0.001	ppbv #	1
66) Benzyl Chloride	16.96	91	120	0.002	ppbv #	66
67) sec-Butylbenzene	17.27	105	498	0.001	ppbv #	60
69) p-Isopropyltoluene	17.63	119	198	0.001	ppbv #	46
70) n-Butylbenzene	18.52	91	471	0.001	ppbv	94
71) 2-Chlorotoluene	15.33	91	203	0.001	ppbv	96
72) 4-Ethyltoluene	15.82	105	1428	0.006	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.97	105	455	0.002	ppbv #	68
74) 1,2,4-Trimethylbenzene	16.74	105	2140	0.009	ppbv #	44
75) 1,3-Dichlorobenzene	16.96	146	177	0.001	ppbv #	22
76) 1,4-Dichlorobenzene	17.11	146	828	0.007	ppbv #	22
77) 1,2-Dichlorobenzene	18.05	146	102	0.001	ppbv	84
78) Hexachloro-1,3-Butadiene	23.37	225	295	0.003	ppbv #	82
79) Naphthalene	22.18	128	30	0.000	ppbv #	1
80) Naphthalene,2-methyl-	24.91	142	186	0.007	ppbv #	65
81) 1,2,4-Trichlorobenzene	21.91	180	159	0.002	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.04 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

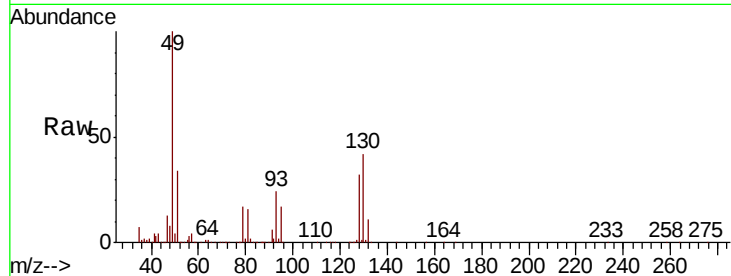
Tot Ion: 49 Resp: 1202121

Ion Ratio Lower Upper

49 100

128 36.2 21.1 63.1

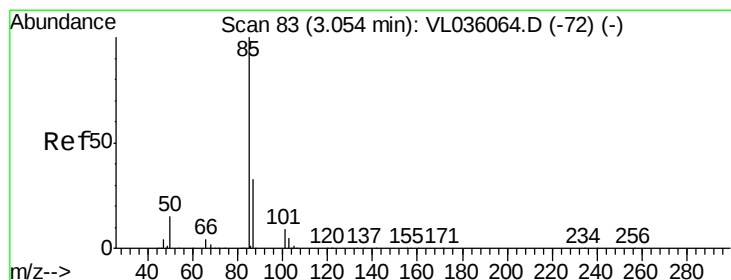
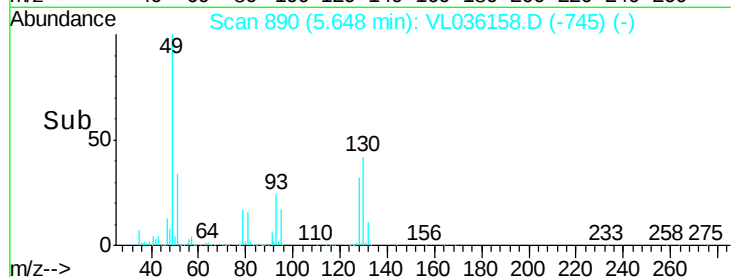
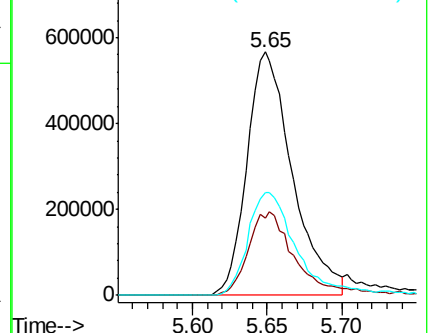
130 46.2 27.1 81.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.241 ppbv m

RT: 3.04 min Scan# 78

Delta R.T. -0.02 min

Lab File: VL036158.D

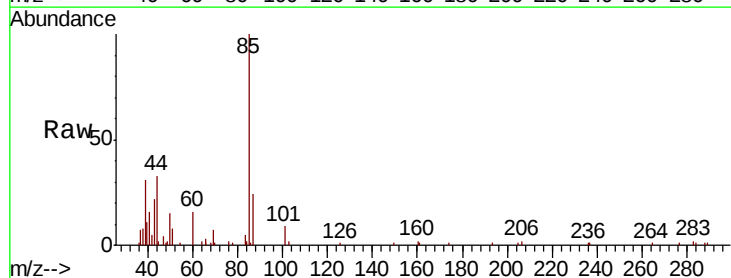
Acq: 11 Dec 2020 10:39

Tgt Ion: 85 Resp: 33772

Ion Ratio Lower Upper

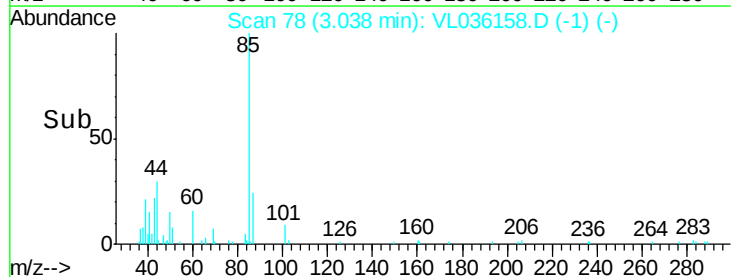
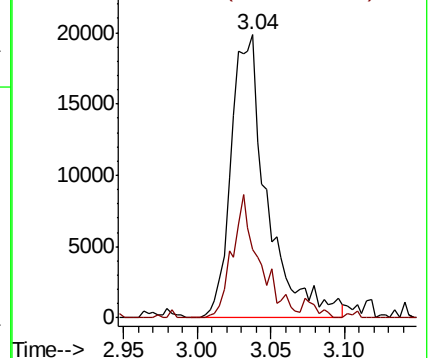
85 100

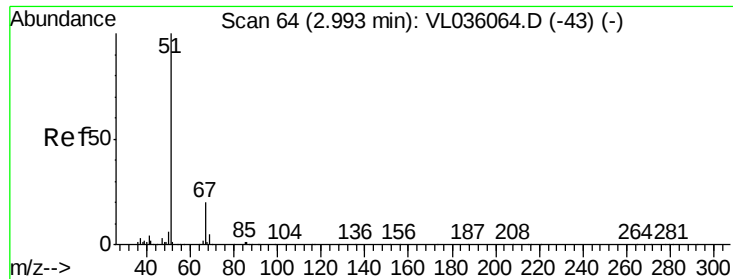
87 24.0 26.5 39.7#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.462 ppbv

RT: 2.97 min Scan# 57

Delta R.T. -0.02 min

Lab File: VL036158.D

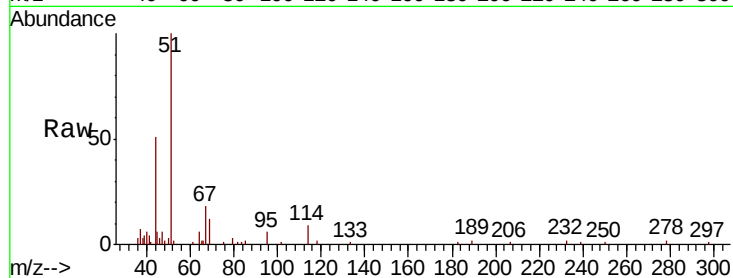
Acq: 11 Dec 2020 10:39

Tot Ion: 51 Resp: 63374

Ion Ratio Lower Upper

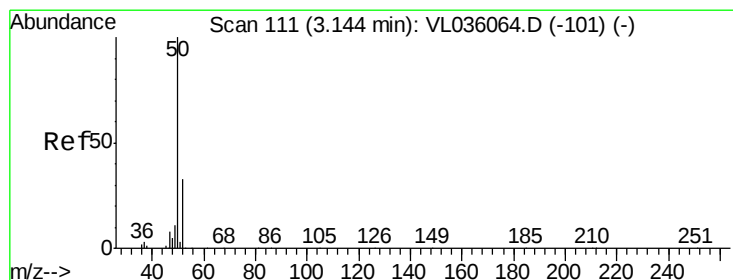
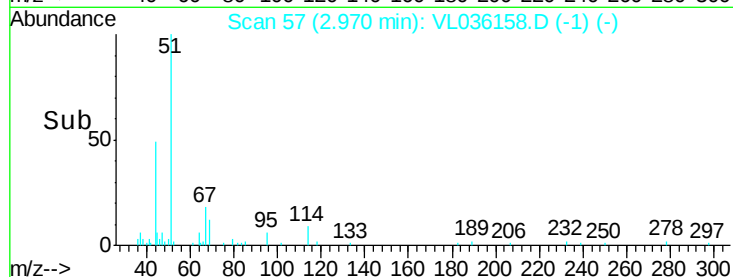
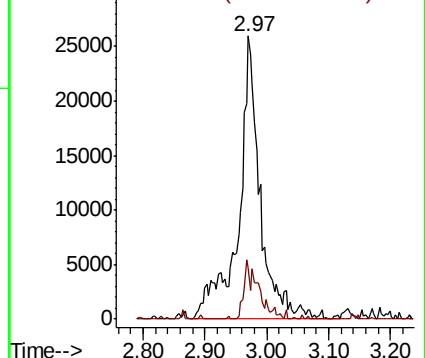
51 100

67 14.2 14.3 21.5#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.509 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.02 min

Lab File: VL036158.D

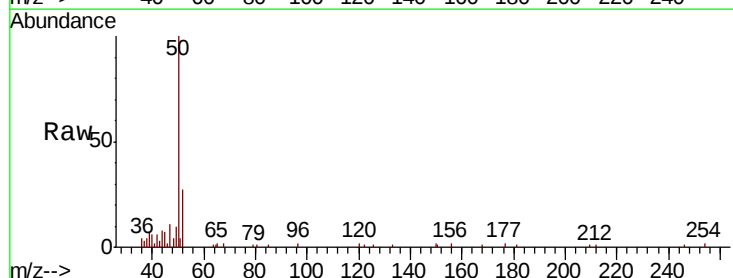
Acq: 11 Dec 2020 10:39

Tgt Ion: 50 Resp: 34270

Ion Ratio Lower Upper

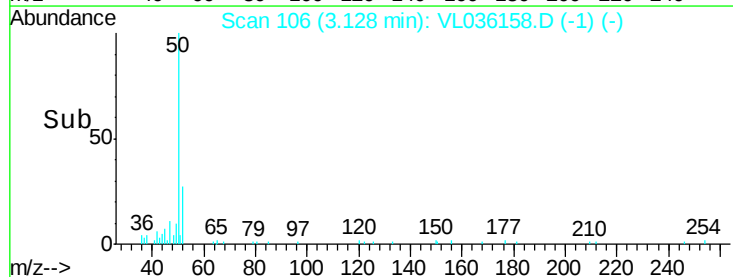
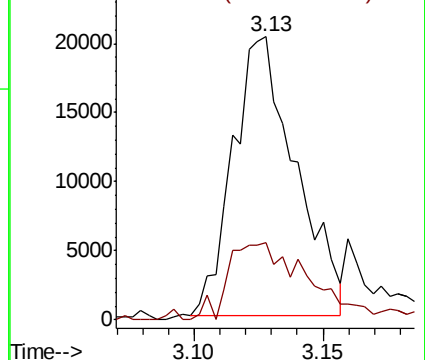
50 100

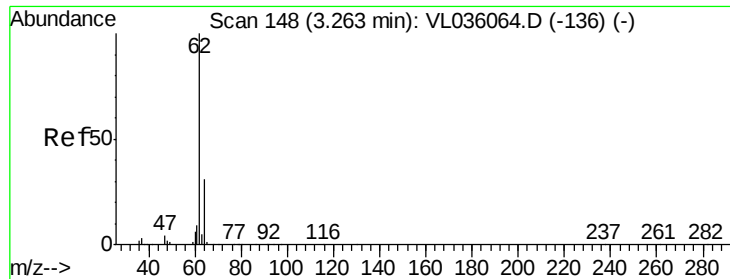
52 27.8 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.003 ppbv

RT: 3.24 min Scan# 141

Delta R.T. -0.02 min

Lab File: VL036158.D

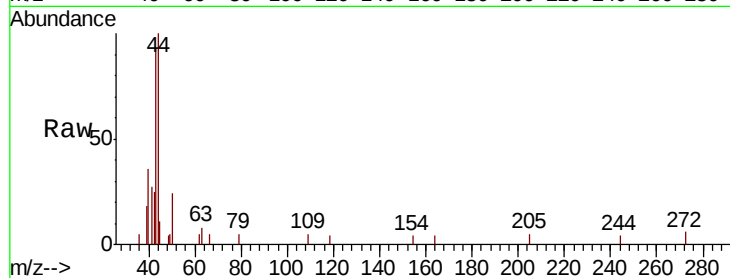
Acq: 11 Dec 2020 10:39

Tot Ion: 62 Resp: 197

Ion Ratio Lower Upper

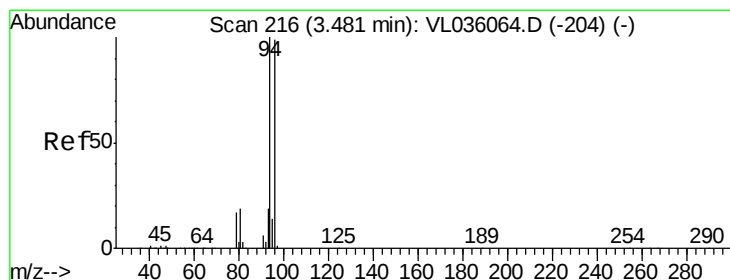
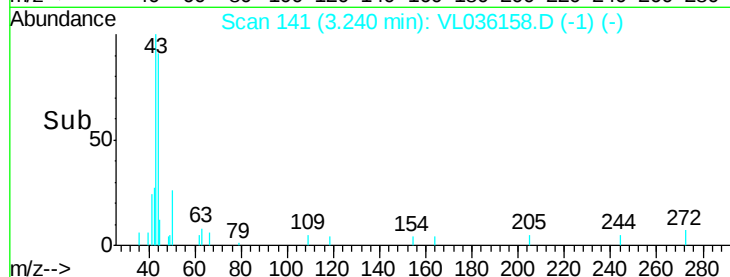
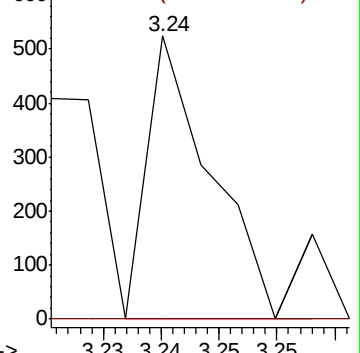
62 100

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



#6

Bromomethane

Concen: 0.011 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.02 min

Lab File: VL036158.D

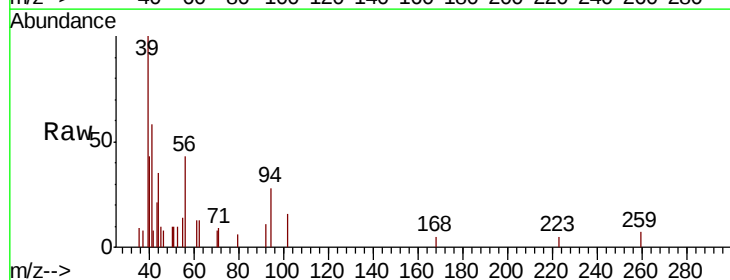
Acq: 11 Dec 2020 10:39

Tgt Ion: 94 Resp: 420

Ion Ratio Lower Upper

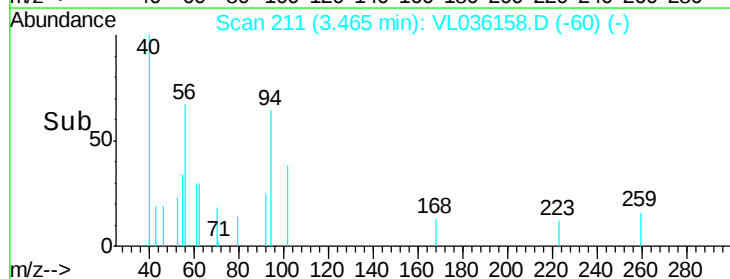
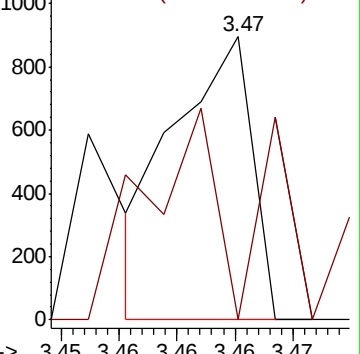
94 100

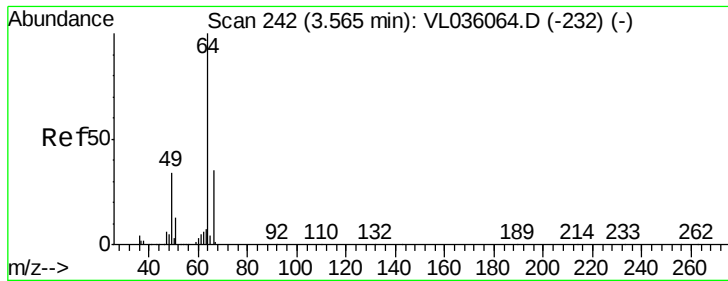
96 0.0 79.4 119.0#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.014 ppbv

RT: 3.55 min Scan# 236

Delta R.T. -0.02 min

Lab File: VL036158.D

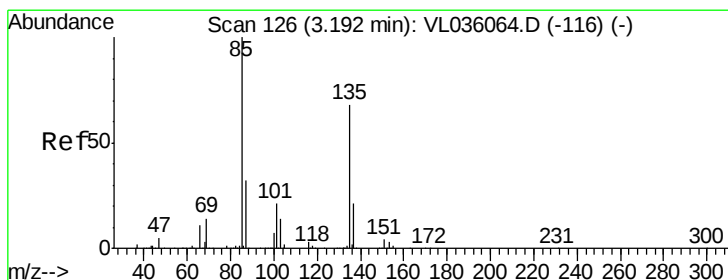
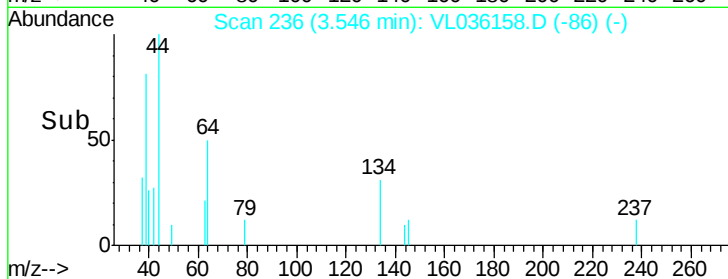
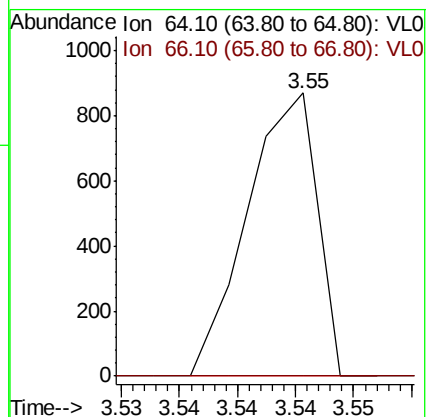
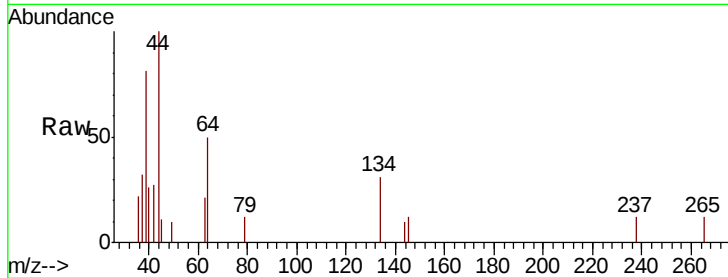
Acq: 11 Dec 2020 10:39

Tot Ion: 64 Resp: 363

Ion Ratio Lower Upper

64 100

66 0.0 27.7 41.5#



#8

Dichlorotetrafluoroethane

Concen: 0.015 ppbv

RT: 3.17 min Scan# 120

Delta R.T. -0.02 min

Lab File: VL036158.D

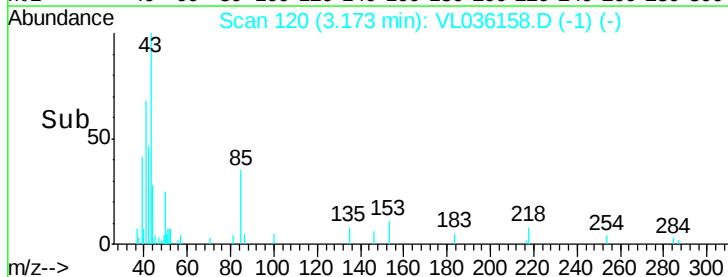
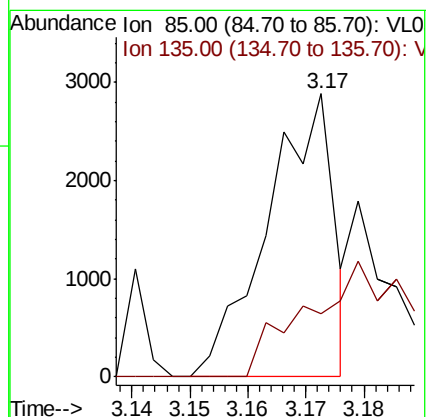
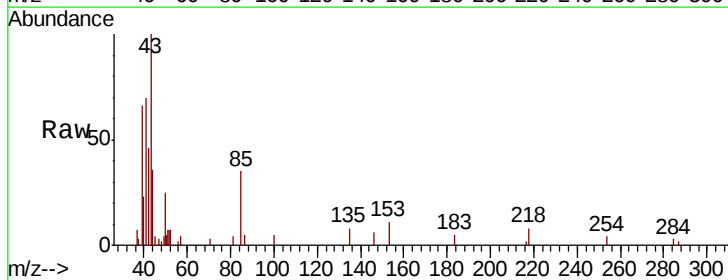
Acq: 11 Dec 2020 10:39

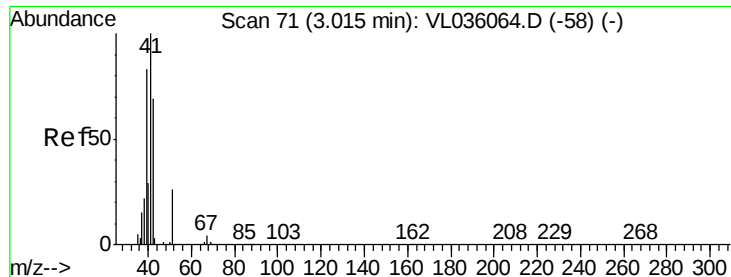
Tgt Ion: 85 Resp: 2288

Ion Ratio Lower Upper

85 100

135 0.0 53.8 80.8#





#9

Propene

Concen: 0.704 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL036158.D

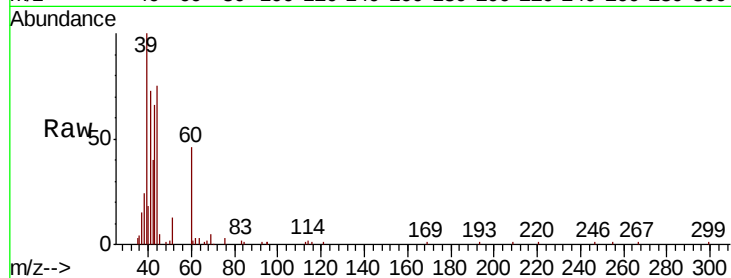
Acq: 11 Dec 2020 10:39

Tot Ion: 41 Resp: 48357

Ion Ratio Lower Upper

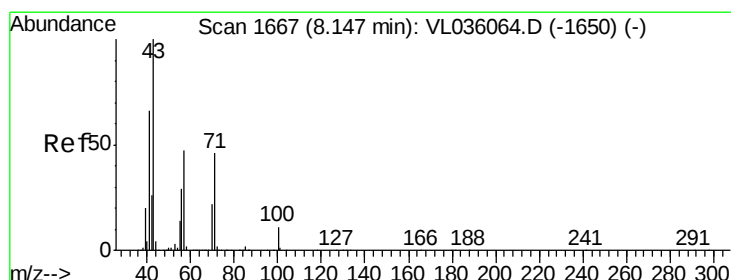
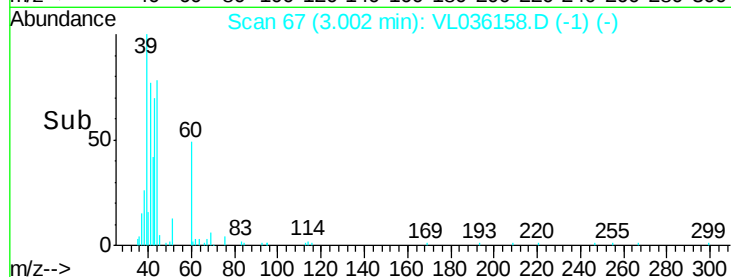
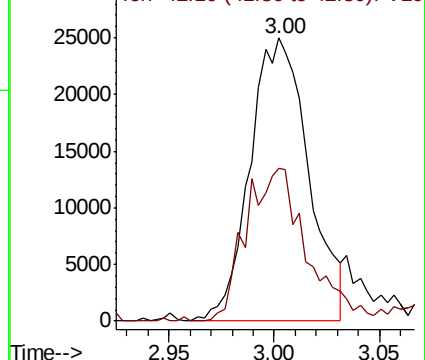
41 100

42 60.4 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: 0.102 ppbv m

RT: 8.10 min Scan# 1653

Delta R.T. -0.04 min

Lab File: VL036158.D

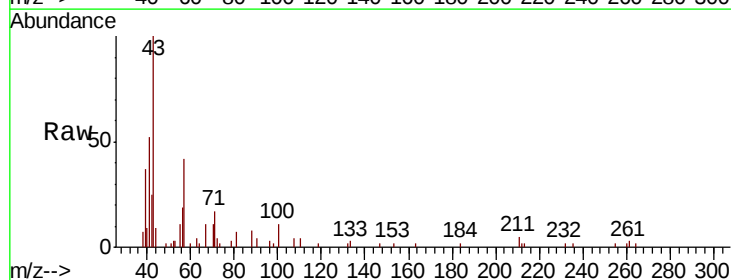
Acq: 11 Dec 2020 10:39

Tgt Ion: 43 Resp: 17873

Ion Ratio Lower Upper

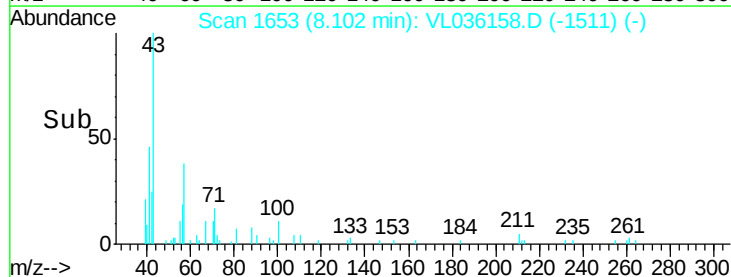
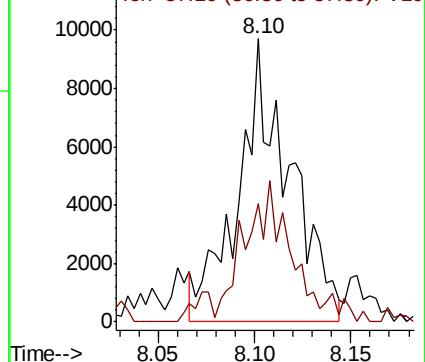
43 100

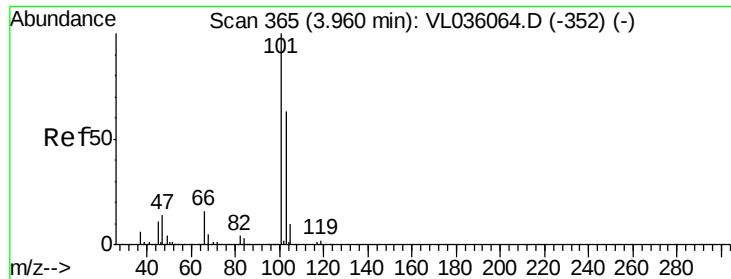
57 0.0 37.9 56.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

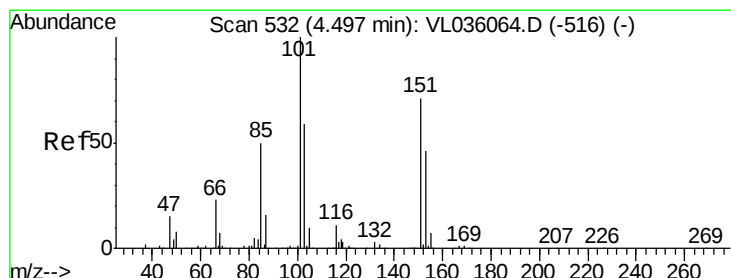
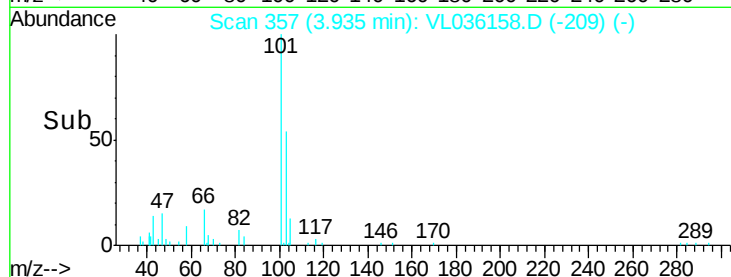
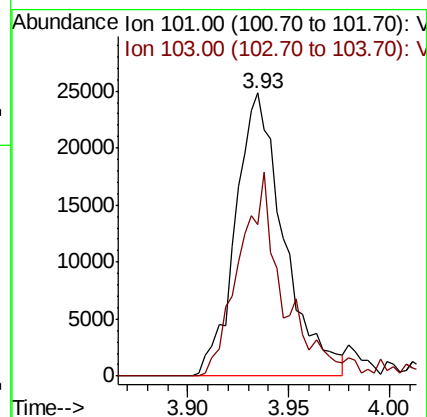
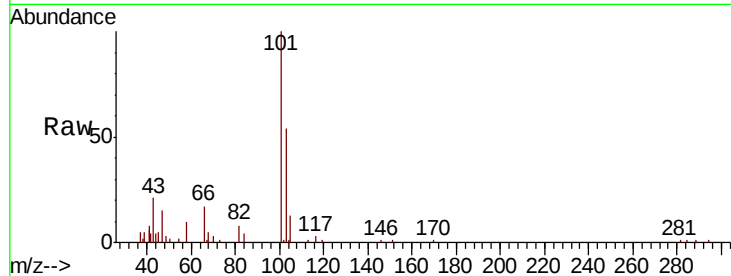
Ion 57.10 (56.80 to 57.80): VL0





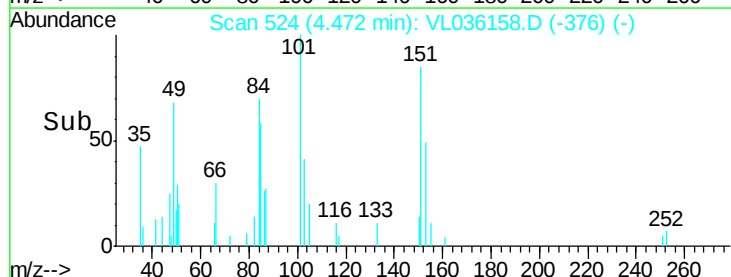
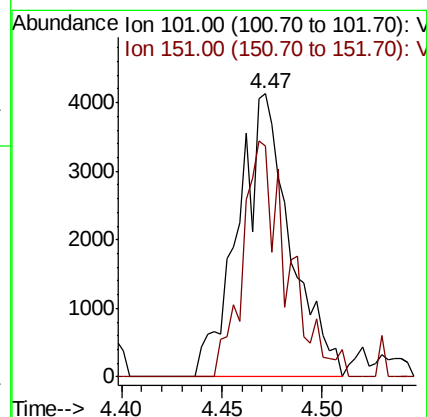
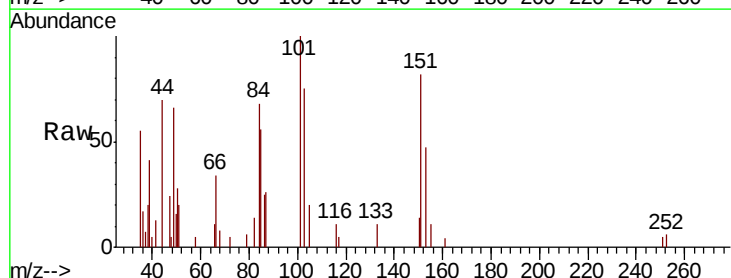
#11
 Trichlorofluoromethane
 Concen: 0.253 ppbv
 RT: 3.93 min Scan# 357
 Delta R.T. -0.03 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

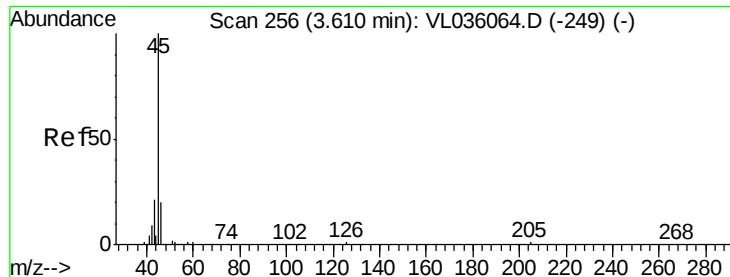
Tot Ion:101 Resp: 41660
 Ion Ratio Lower Upper
 101 100
 103 53.5 50.3 75.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.067 ppbv m
 RT: 4.47 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

Tgt Ion:101 Resp: 7550
 Ion Ratio Lower Upper
 101 100
 151 70.9 59.3 88.9





#13

Ethanol

Concen: 14.824 ppbv m

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL036158.D

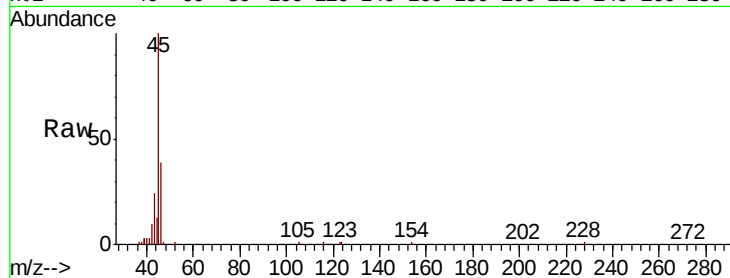
Acq: 11 Dec 2020 10:39

Tot Ion: 45 Resp: 140406

Ion Ratio Lower Upper

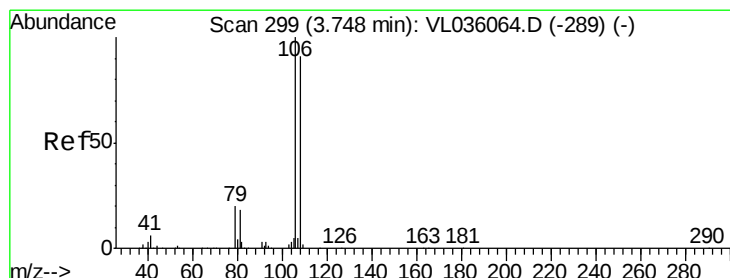
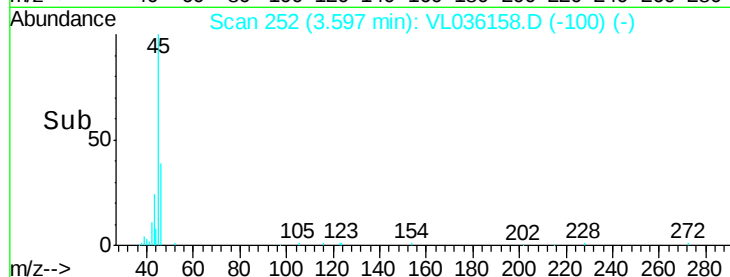
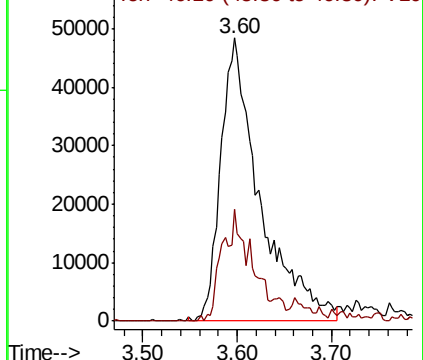
45 100

46 36.3 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: 0.003 ppbv

RT: 3.72 min Scan# 291

Delta R.T. -0.03 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

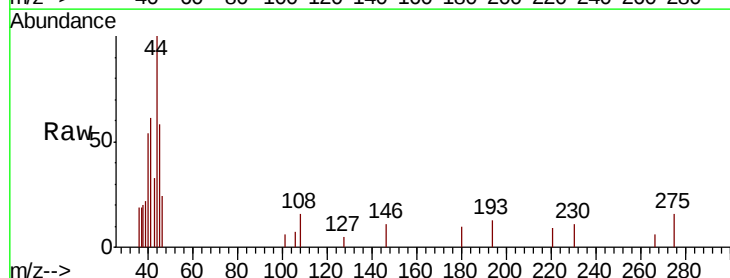
Tgt Ion: 108 Resp: 121

Ion Ratio Lower Upper

108 100

106 0.0 91.0 136.4#

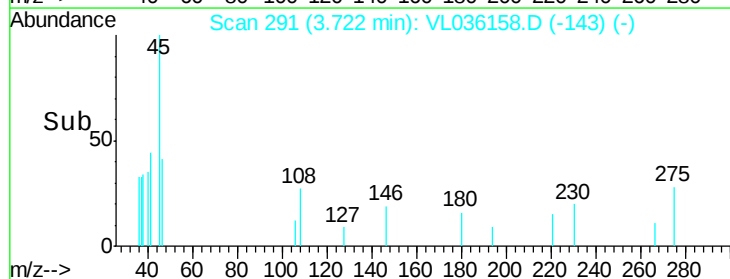
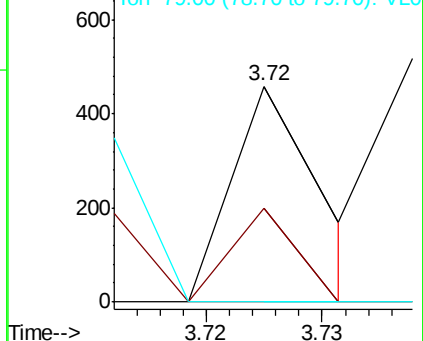
79 0.0 19.3 28.9#

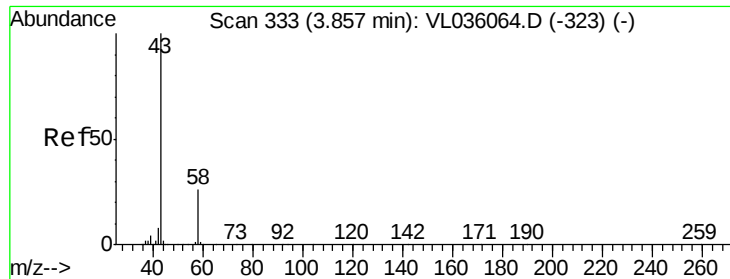


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 3.516 ppbv

RT: 3.84 min Scan# 326

Delta R.T. -0.02 min

Lab File: VL036158.D

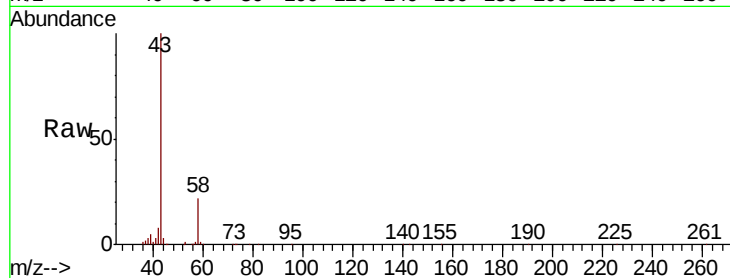
Acq: 11 Dec 2020 10:39

Tot Ion: 43 Resp: 507910

Ion Ratio Lower Upper

43 100

58 21.8 20.9 31.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

250000

200000

150000

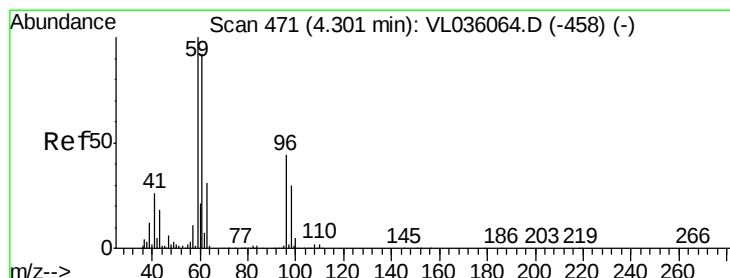
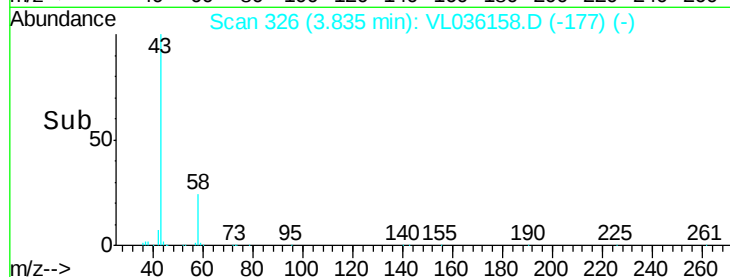
100000

50000

0

3.80 3.85 3.90 3.95

Time-->



#17

tert-Butyl alcohol

Concen: 0.003 ppbv

RT: 4.29 min Scan# 466

Delta R.T. -0.02 min

Lab File: VL036158.D

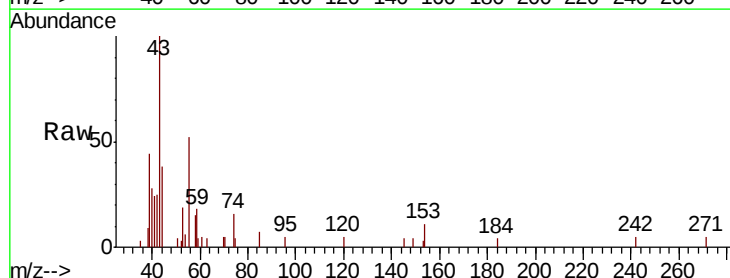
Acq: 11 Dec 2020 10:39

Tgt Ion: 59 Resp: 405

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

2000

1500

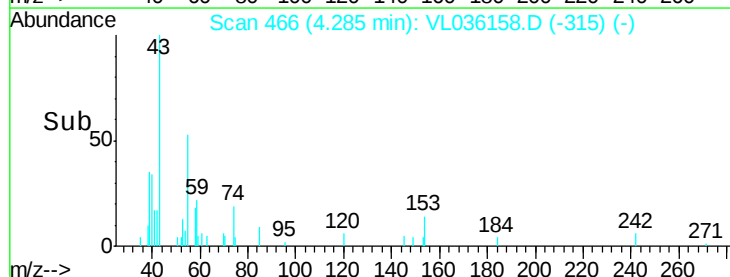
1000

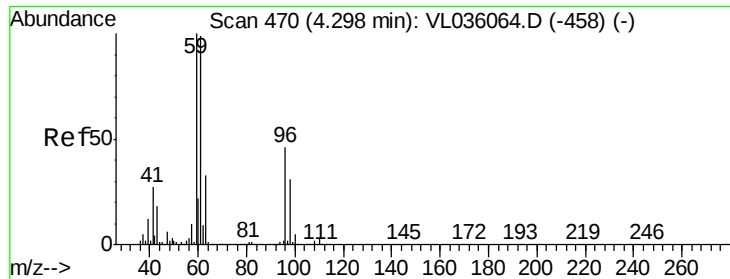
500

0

4.28 4.28 4.29 4.29

Time-->





#18

1,1-Dichloroethene

Concen: 0.002 ppbv

RT: 4.27 min Scan# 462

Delta R.T. -0.03 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

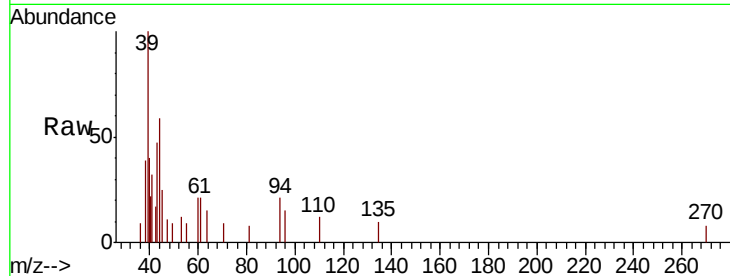
Tot Ion: 96 Resp: 123

Ion Ratio Lower Upper

96 100

61 138.9 171.4 257.2#

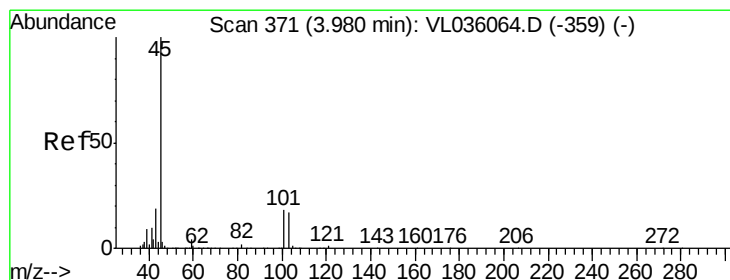
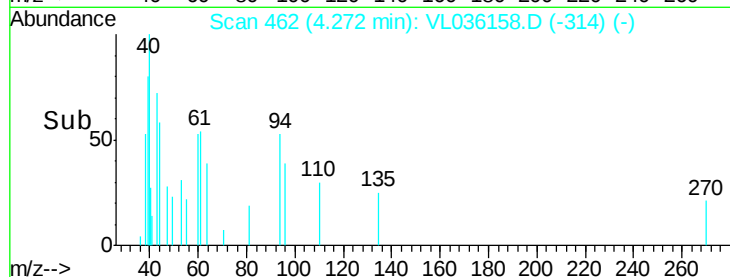
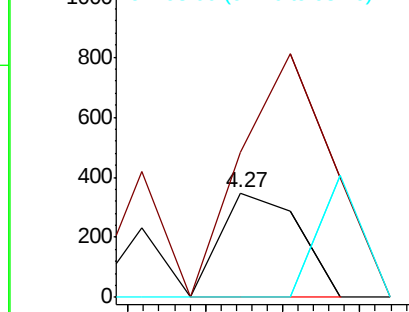
98 0.0 54.2 81.2#



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



#19

Isopropyl Alcohol

Concen: 0.678 ppbv m

RT: 3.98 min Scan# 371

Delta R.T. 0.00 min

Lab File: VL036158.D

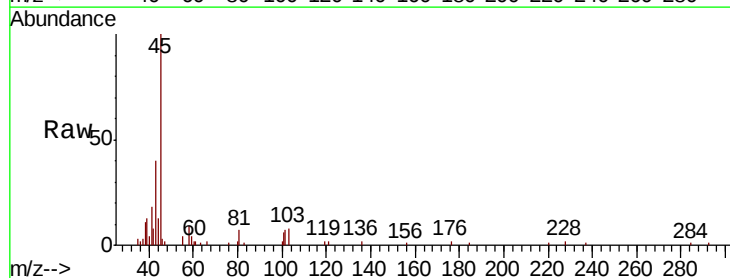
Acq: 11 Dec 2020 10:39

Tgt Ion: 45 Resp: 59895

Ion Ratio Lower Upper

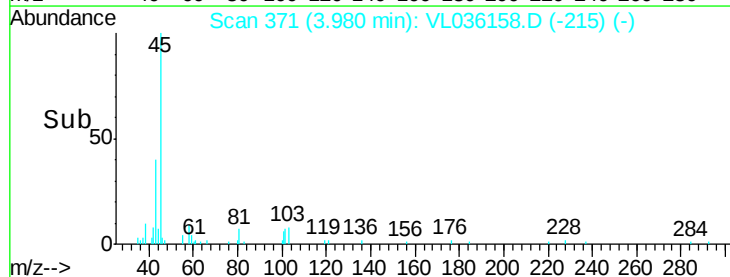
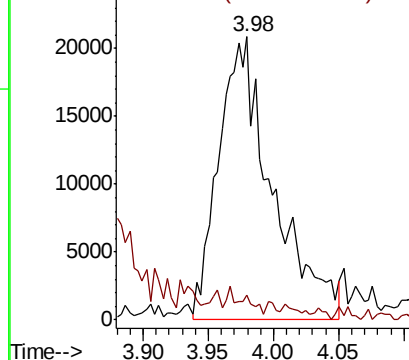
45 100

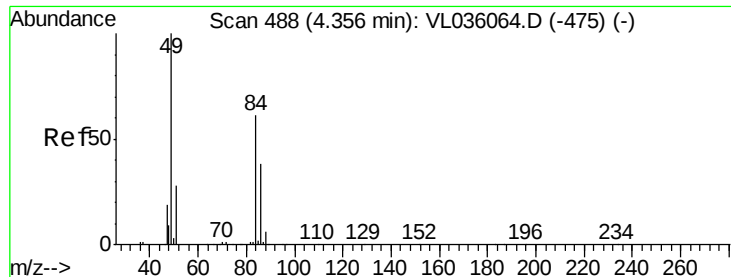
58 0.0 0.0 0.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

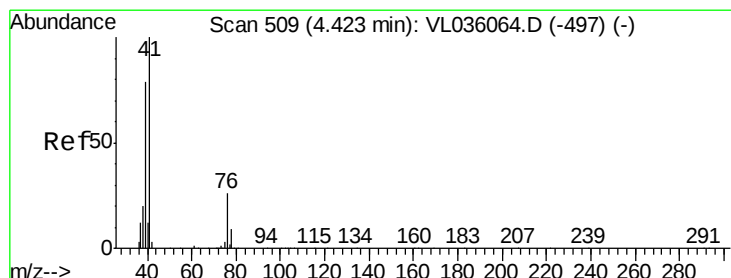
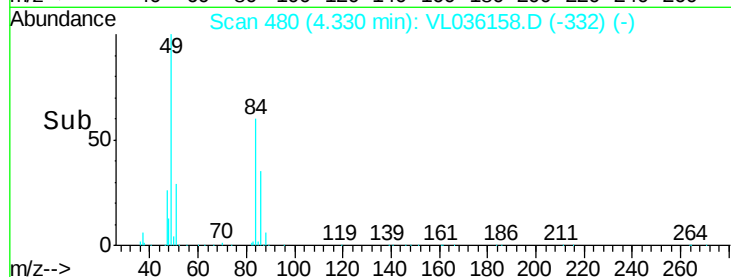
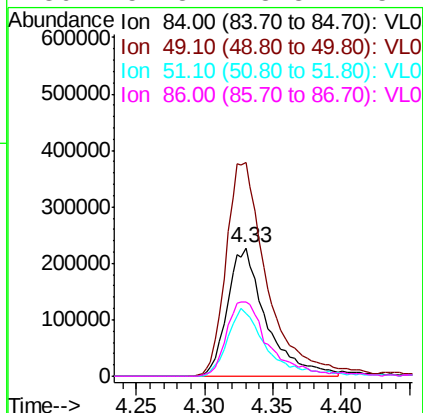
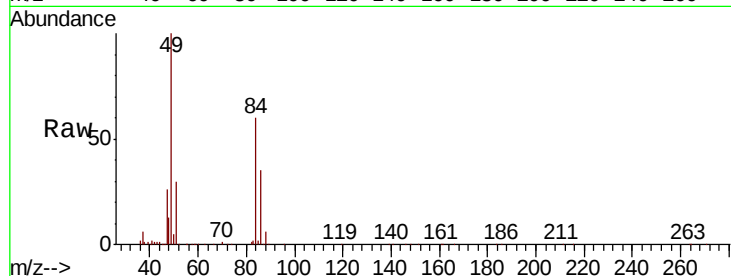
Ion 58.10 (57.80 to 58.80): VL0





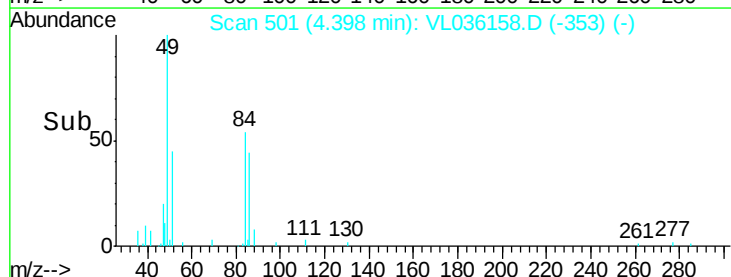
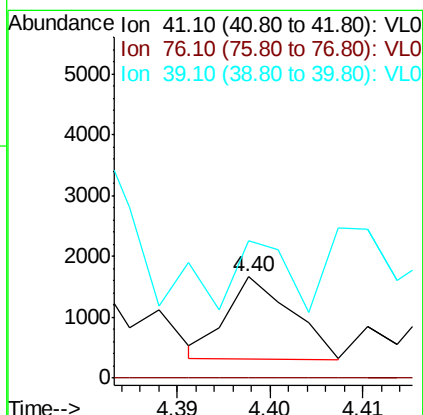
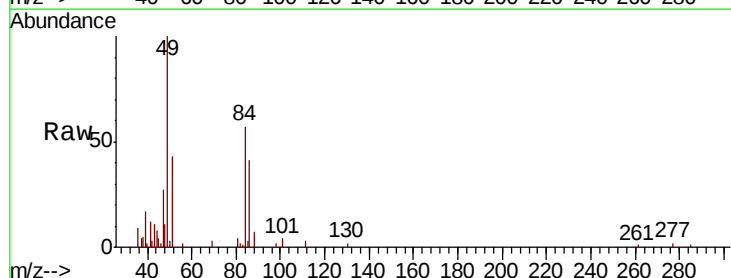
#20
Methylene Chloride
Concen: 7.537 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.03 min
Lab File: VL036158.D
Acq: 11 Dec 2020 10:39

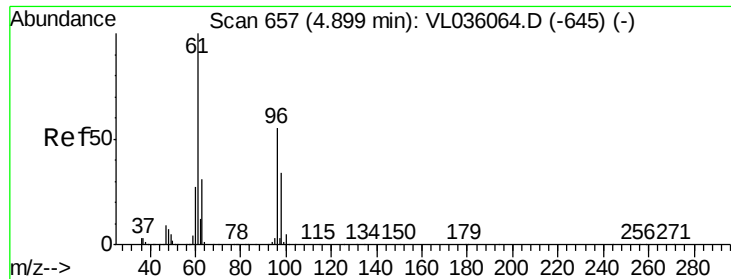
Tot Ion:	84	Resp:	446252
Ion	Ratio	Lower	Upper
84	100		
49	166.9	133.0	199.4
51	49.4	38.9	58.3
86	57.8	48.8	73.2



#21
Allyl Chloride
Concen: 0.007 ppbv
RT: 4.40 min Scan# 501
Delta R.T. -0.03 min
Lab File: VL036158.D
Acq: 11 Dec 2020 10:39

Tgt Ion:	41	Resp:	662
Ion	Ratio	Lower	Upper
41	100		
76	0.0	21.0	31.4#
39	0.0	66.0	99.0#





#22

trans-1,2-Dichloroethene

Concen: 0.004 ppbv

RT: 4.86 min Scan# 646

Delta R.T. -0.04 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

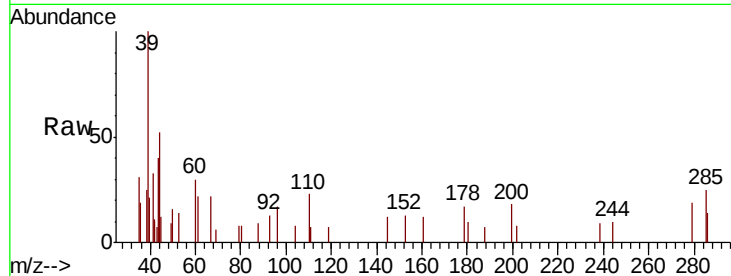
Tot Ion: 96 Resp: 185

Ion Ratio Lower Upper

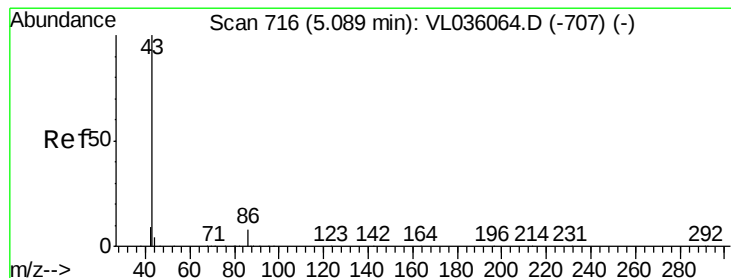
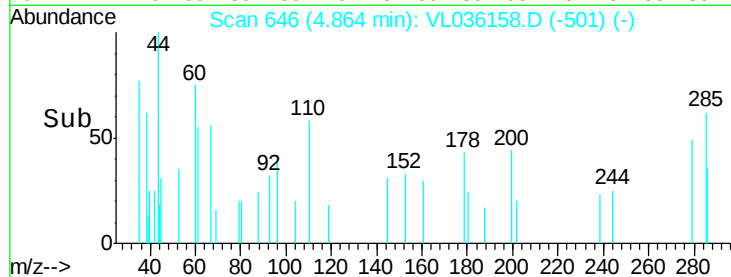
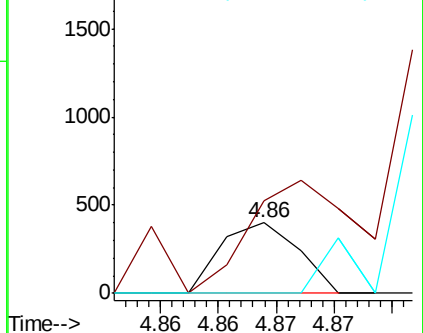
96 100

61 92.3 145.7 218.5#

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: 0.009 ppbv

RT: 5.06 min Scan# 707

Delta R.T. -0.03 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

Tgt Ion: 43 Resp: 1766

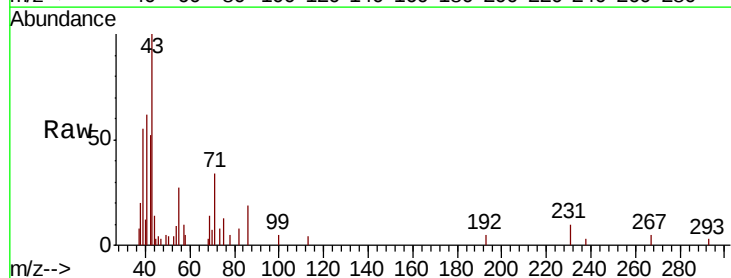
Ion Ratio Lower Upper

43 100

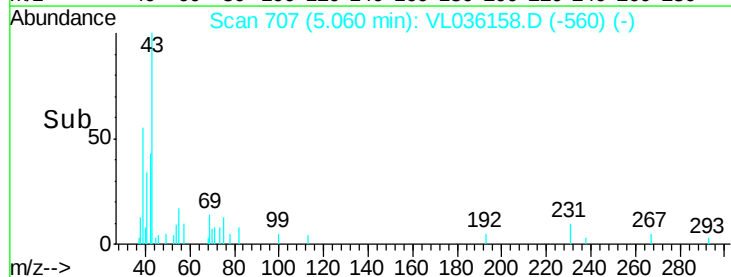
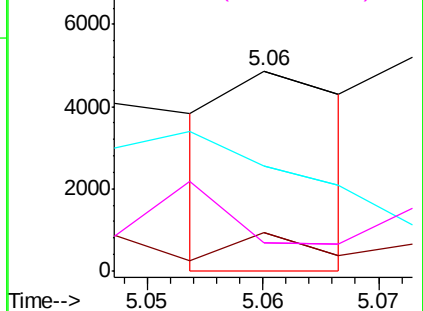
86 122.6 5.0 7.4#

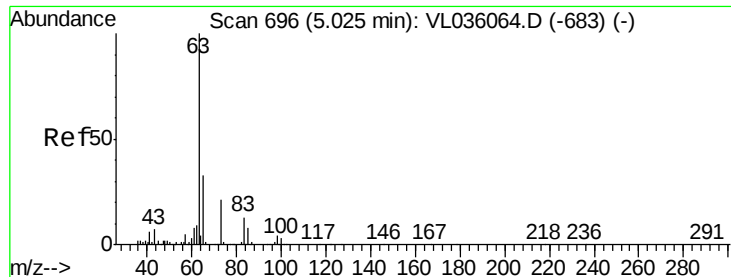
42 80.7 7.8 11.6#

44 5.7 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: 0.003 ppbv

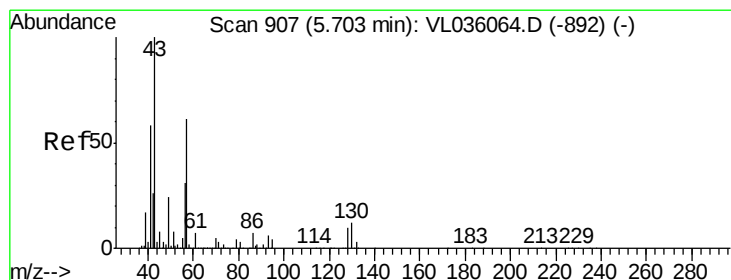
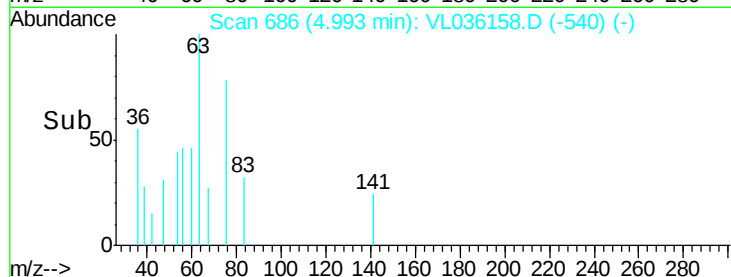
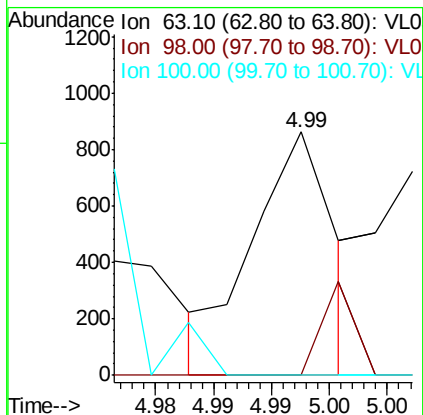
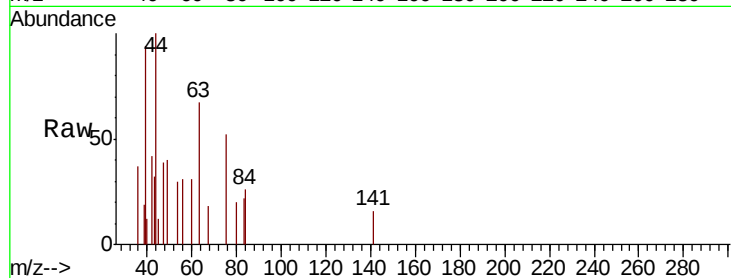
RT: 4.99 min Scan# 686

Delta R.T. -0.03 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

Tot Ion:	63	Resp:	419
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.2	6.6#
100	0.0	1.5	4.4#



#26

Hexane

Concen: 2.329 ppbv

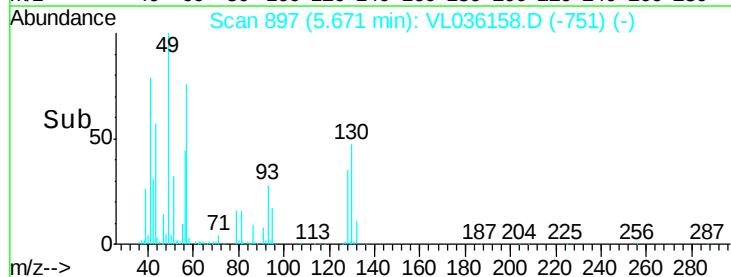
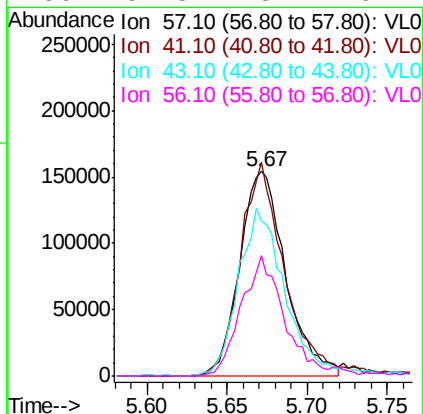
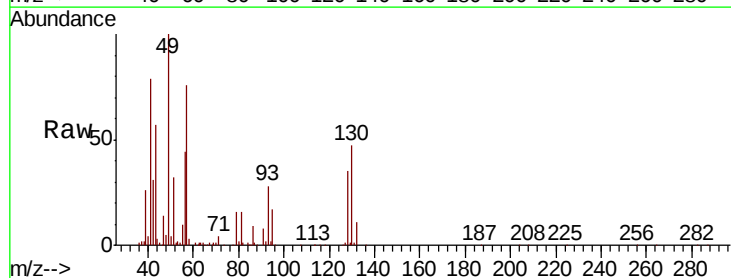
RT: 5.67 min Scan# 897

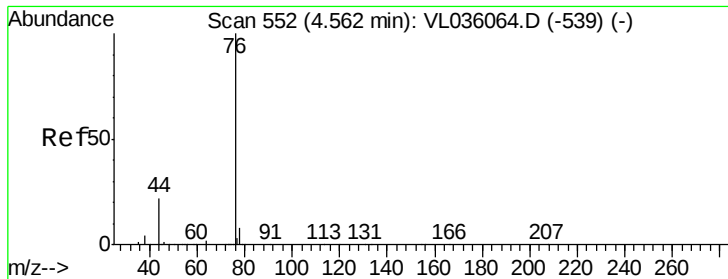
Delta R.T. -0.03 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

Tgt Ion:	57	Resp:	302594
Ion	Ratio	Lower	Upper
57	100		
41	105.4	82.9	124.3
43	85.6	199.9	299.9#
56	57.8	43.1	64.7





#27

Carbon Disulfide

Concen: 0.003 ppbv

RT: 4.53 min Scan# 543

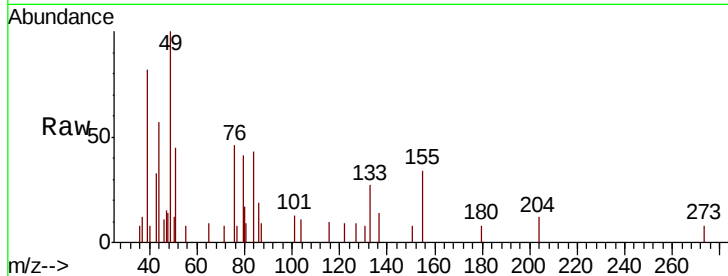
Delta R.T. -0.03 min

Lab File: VL036158.D

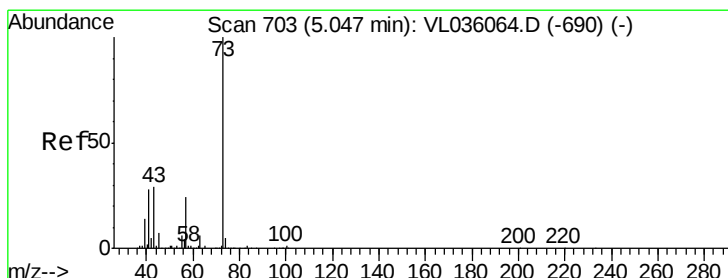
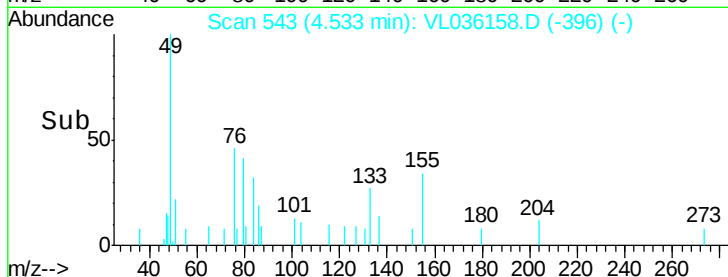
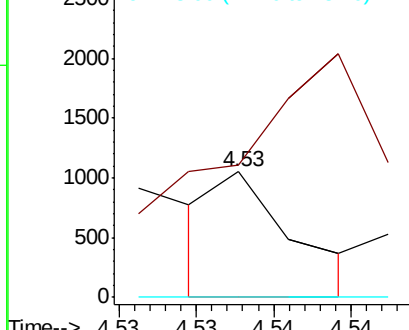
Acq: 11 Dec 2020 10:39

Tot Ion: 76 Resp: 367

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: 0.001 ppbv

RT: 5.01 min Scan# 692

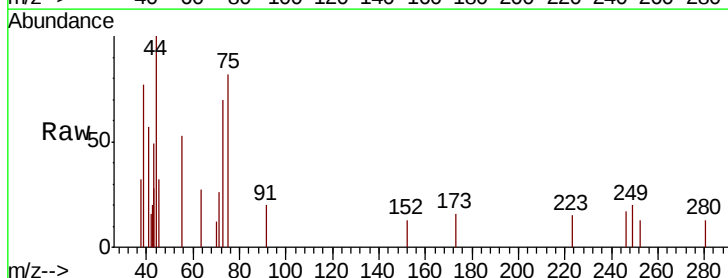
Delta R.T. -0.04 min

Lab File: VL036158.D

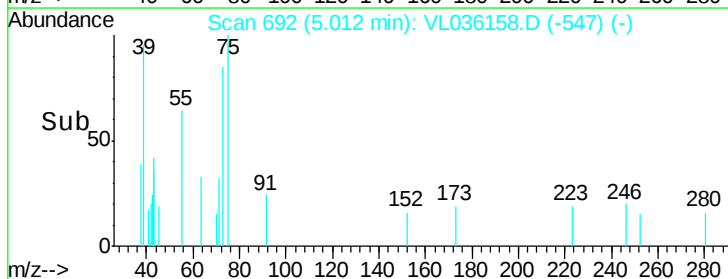
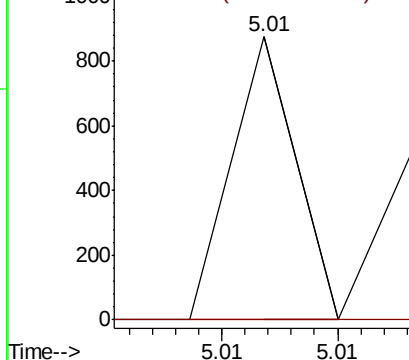
Acq: 11 Dec 2020 10:39

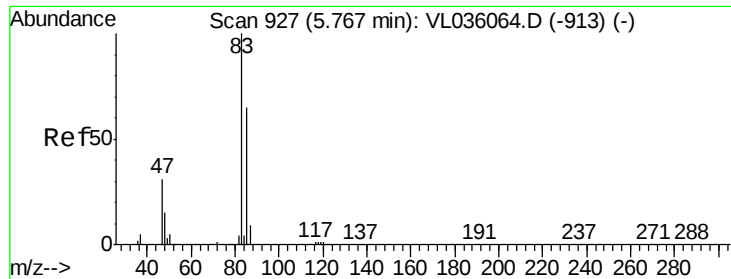
Tgt Ion: 73 Resp: 169

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: 0.027 ppbv

RT: 5.74 min Scan# 918

Delta R.T. -0.03 min

Lab File: VL036158.D

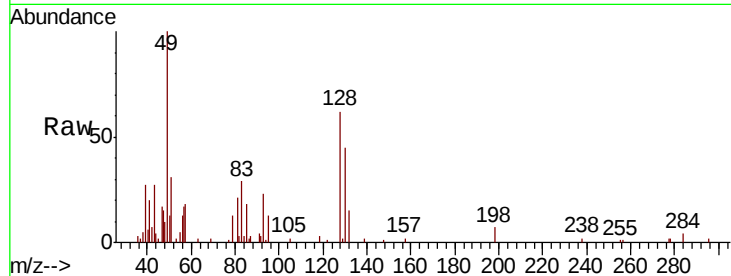
Acq: 11 Dec 2020 10:39

Tot Ion: 83 Resp: 4570

Ion Ratio Lower Upper

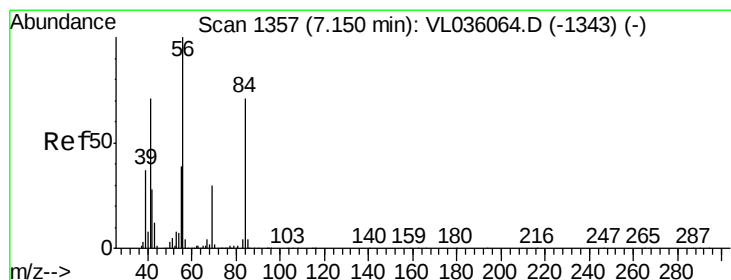
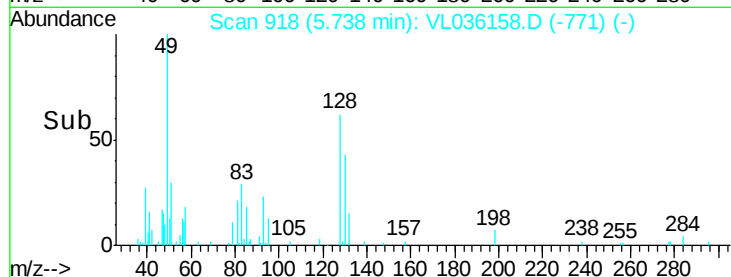
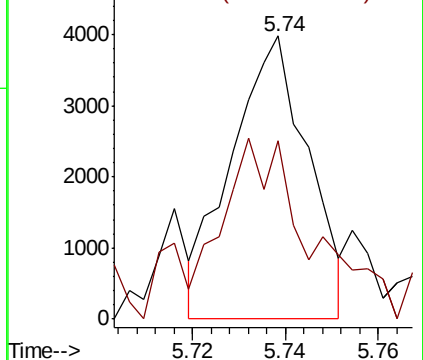
83 100

85 65.9 51.8 77.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 0.012 ppbv

RT: 7.10 min Scan# 1342

Delta R.T. -0.05 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

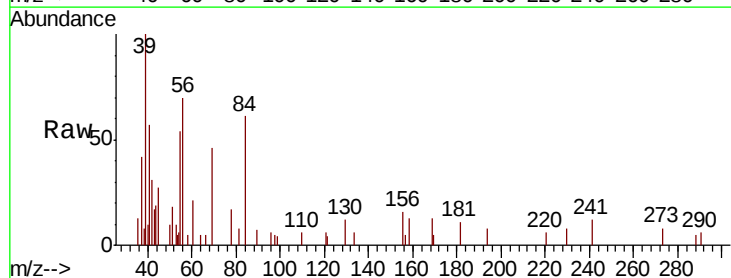
Tgt Ion: 84 Resp: 1147

Ion Ratio Lower Upper

84 100

56 0.0 128.0 192.0#

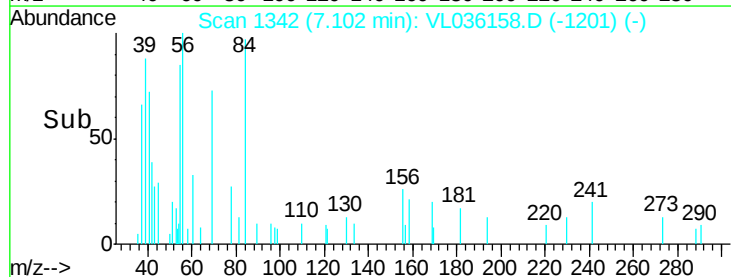
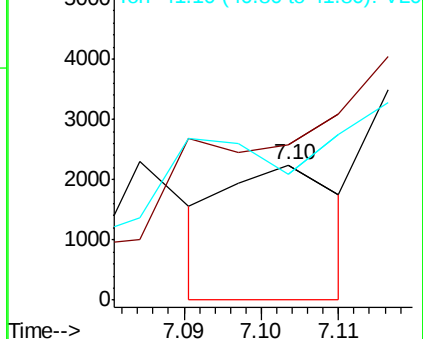
41 0.0 81.3 121.9#

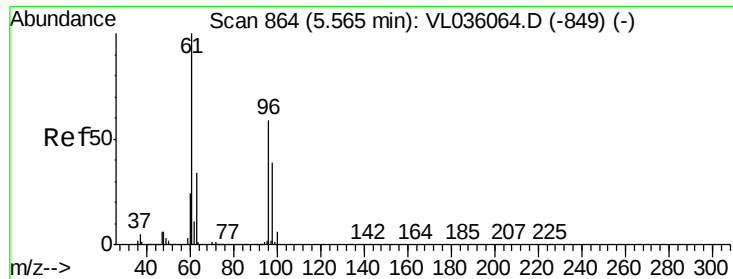


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

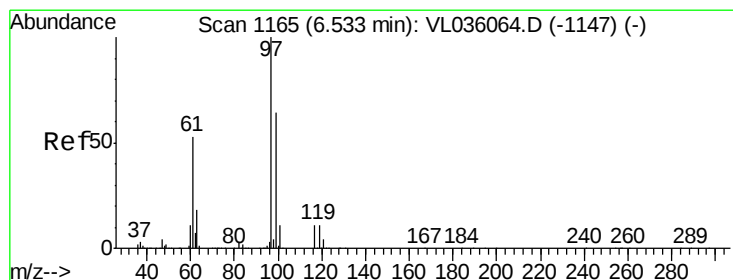
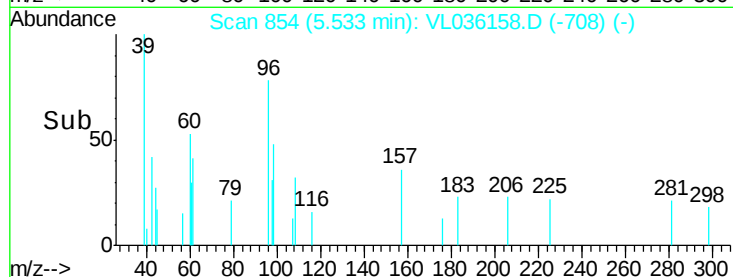
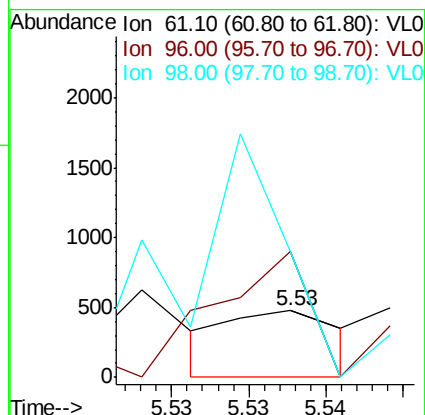
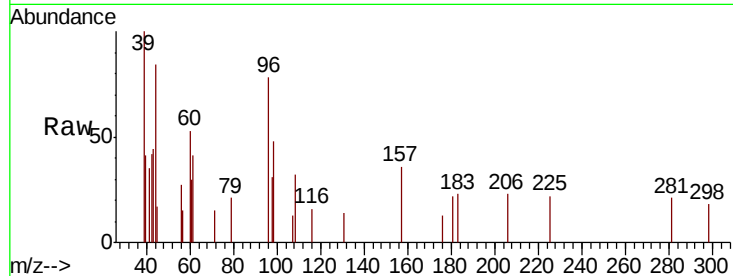
Ion 41.10 (40.80 to 41.80): VL0





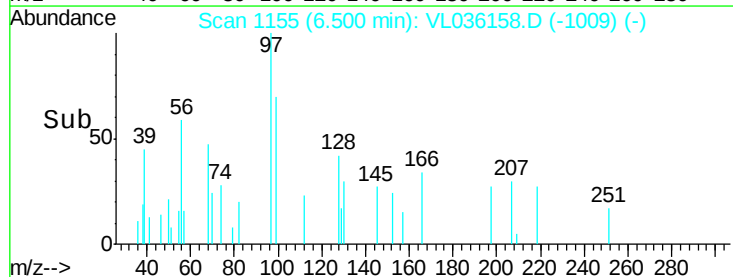
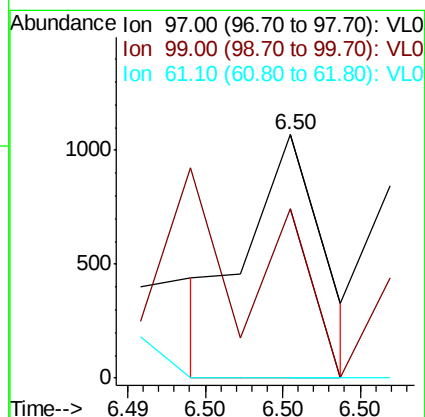
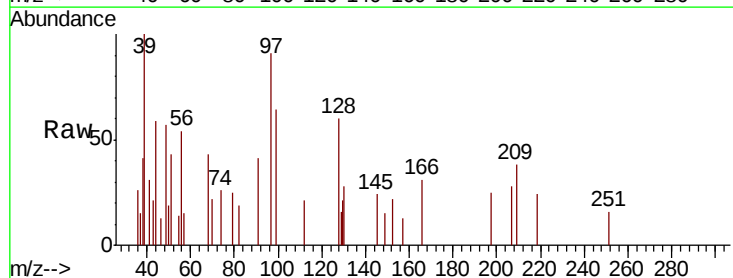
#31
 cis-1,2-Dichloroethene
 Concen: 0.002 ppbv
 RT: 5.53 min Scan# 854
 Delta R.T. -0.03 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

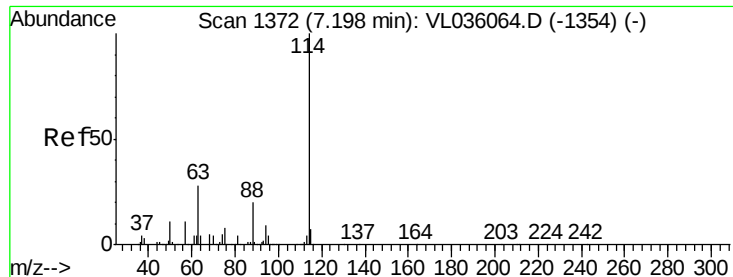
Tot Ion: 61 Resp: 242
 Ion Ratio Lower Upper
 61 100
 96 648.2 47.3 70.9#
 98 649.6 31.4 47.0#



#32
 1,1,1-Trichloroethane
 Concen: 0.002 ppbv
 RT: 6.50 min Scan# 1155
 Delta R.T. -0.03 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

Tgt Ion: 97 Resp: 358
 Ion Ratio Lower Upper
 97 100
 99 234.6 52.4 78.6#
 61 0.0 43.4 65.0#

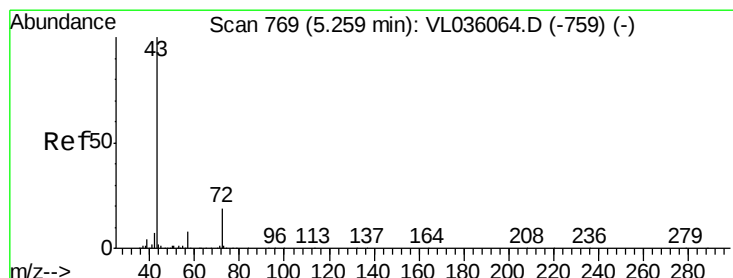
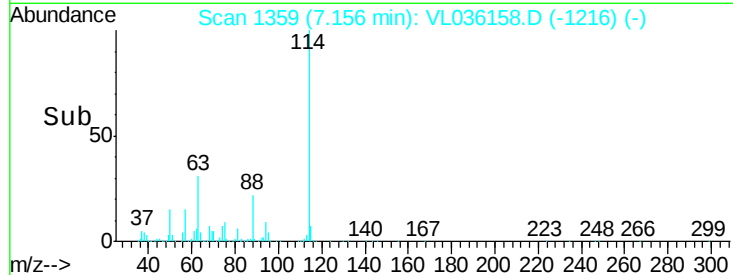
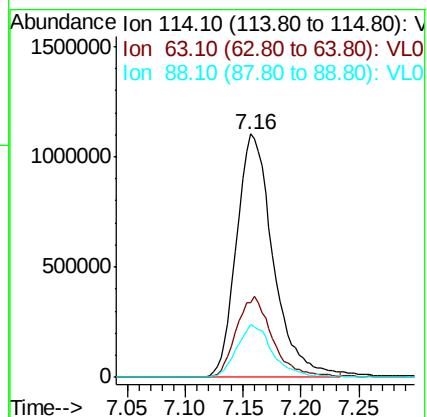
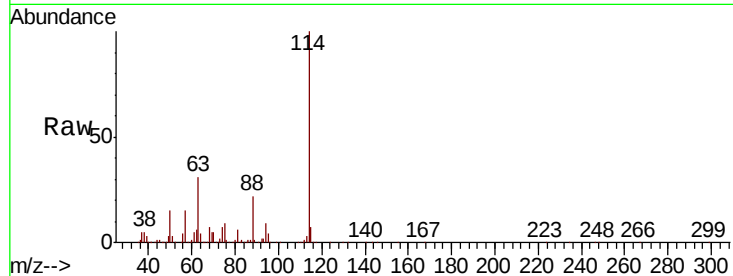




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.04 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

Tot Ion:114 Resp: 2424273

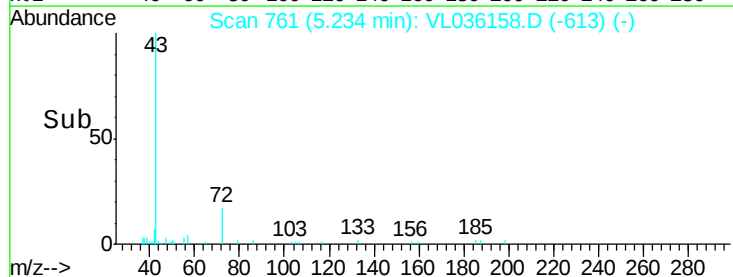
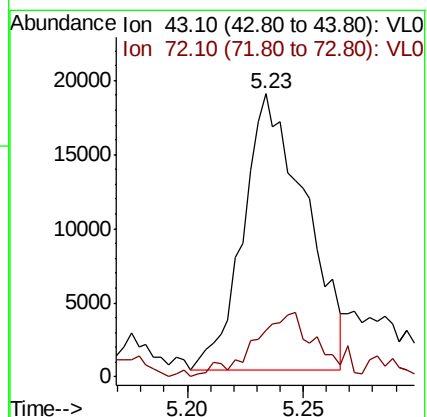
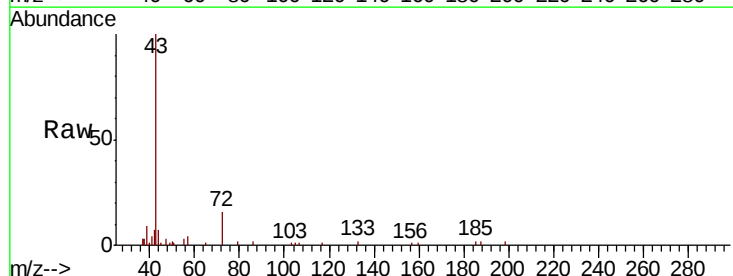
Ion	Ratio	Lower	Upper
114	100		
63	33.4	23.6	35.4
88	21.5	15.8	23.6

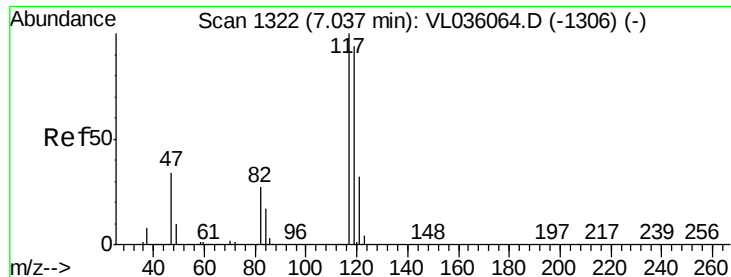


#34
 2-Butanone
 Concen: 0.219 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T. -0.03 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

Tgt Ion: 43 Resp: 35157

Ion	Ratio	Lower	Upper
43	100		
72	23.3	16.5	24.7





#35

Carbon Tetrachloride

Concen: 0.010 ppbv

RT: 6.98 min Scan# 1305

Delta R.T. -0.05 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

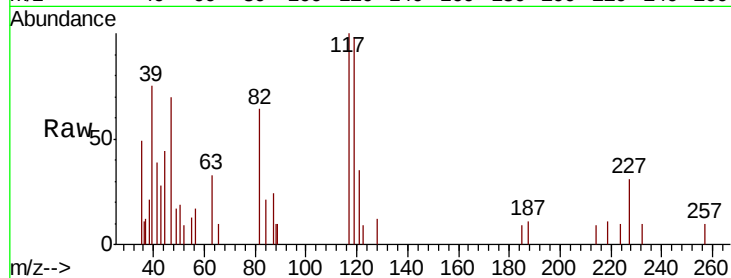
Tot Ion: 117 Resp: 1414

Ion Ratio Lower Upper

117 100

119 97.7 75.1 112.7

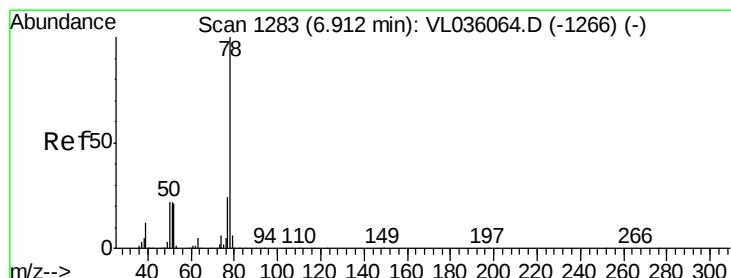
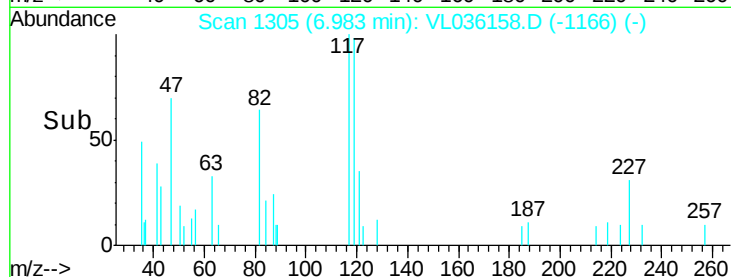
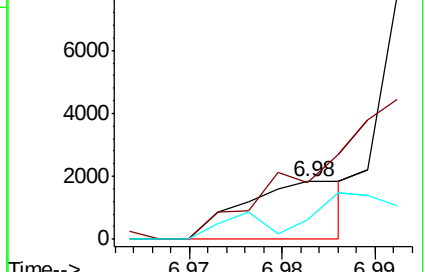
121 34.7 25.6 38.4



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: 0.261 ppbv

RT: 6.87 min Scan# 1270

Delta R.T. -0.04 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

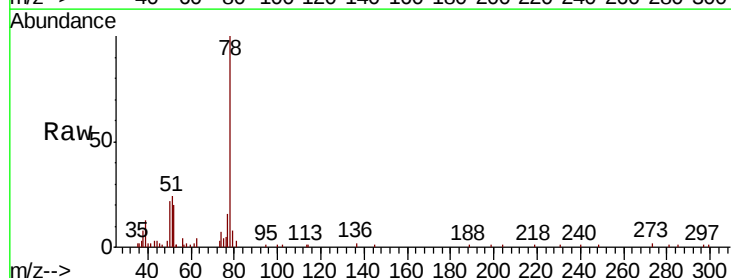
Tgt Ion: 78 Resp: 53697

Ion Ratio Lower Upper

78 100

77 15.7 19.4 29.2#

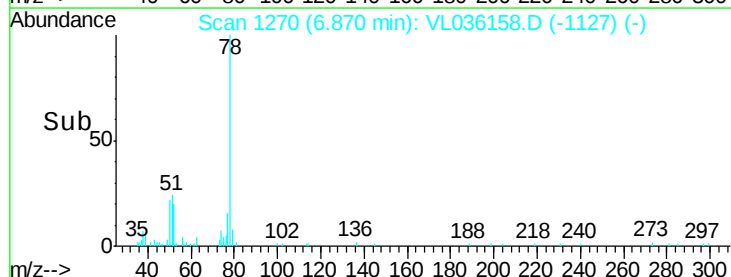
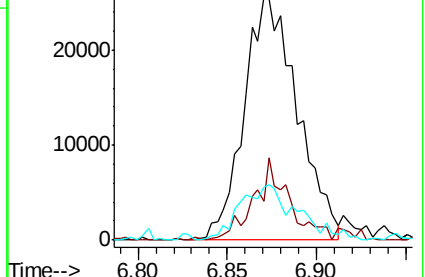
50 19.7 17.8 26.8

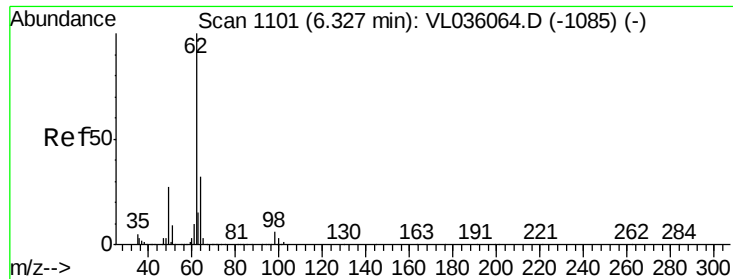


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 0.023 ppbv

RT: 6.29 min Scan# 1090

Delta R.T. -0.04 min

Lab File: VL036158.D

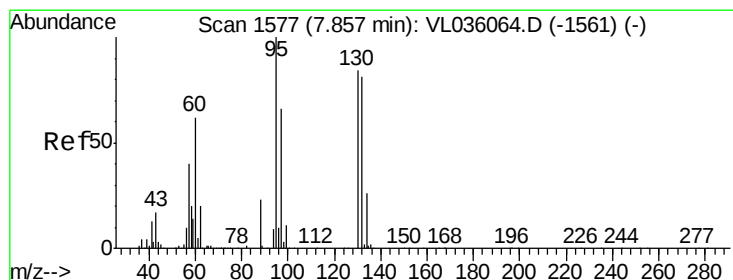
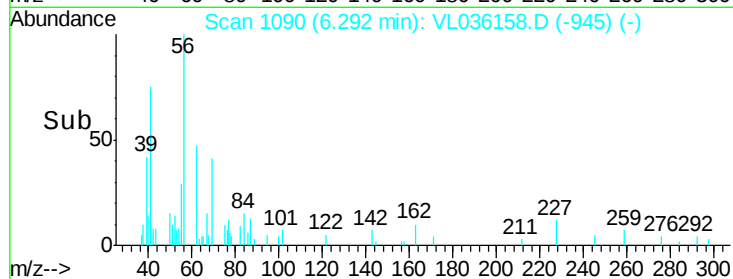
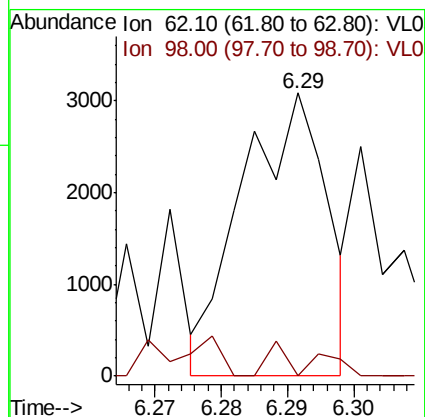
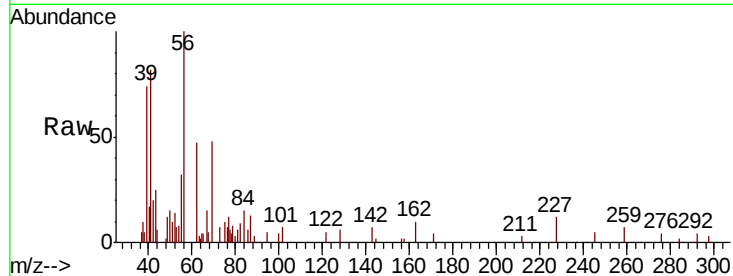
Acq: 11 Dec 2020 10:39

Tot Ion: 62 Resp: 2743

Ion Ratio Lower Upper

62 100

98 0.0 4.6 7.0#



#38

Trichloroethene

Concen: 0.014 ppbv

RT: 7.81 min Scan# 1562

Delta R.T. -0.05 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

Tgt Ion: 130 Resp: 1077

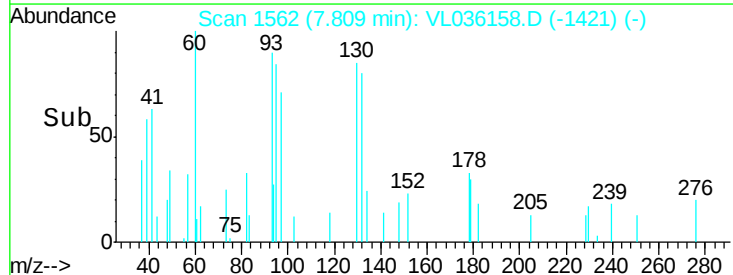
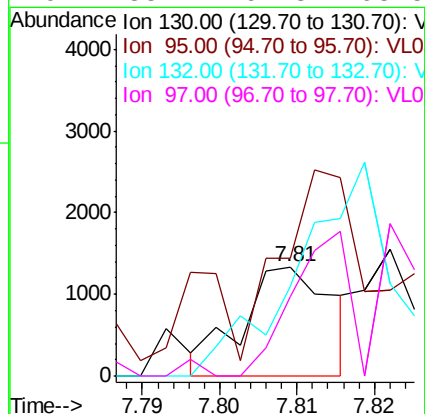
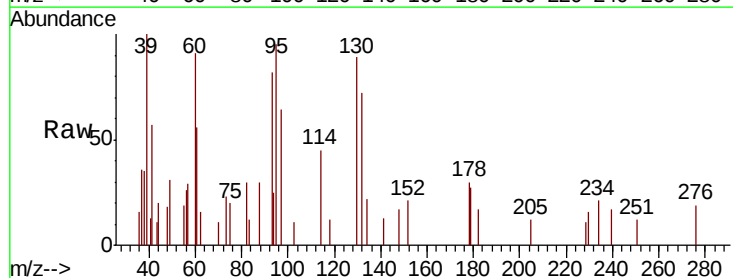
Ion Ratio Lower Upper

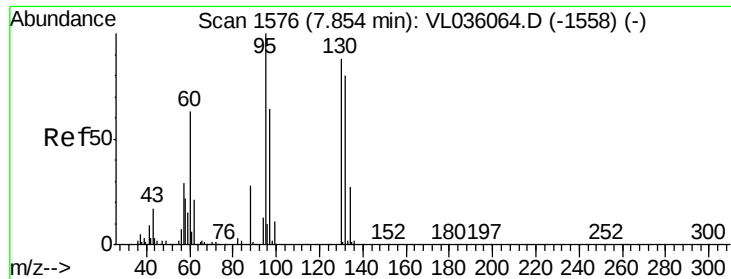
130 100

95 20.1 95.2 142.8#

132 125.9 76.9 115.3#

97 88.7 62.3 93.5





#40

1,4-Dioxane

Concen: 0.002 ppbv

RT: 7.79 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

Tot Ion: 88 Resp: 61

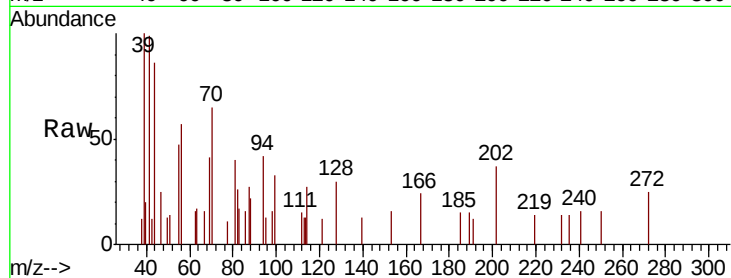
Ion Ratio Lower Upper

88 100

58 437.7 122.6 184.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

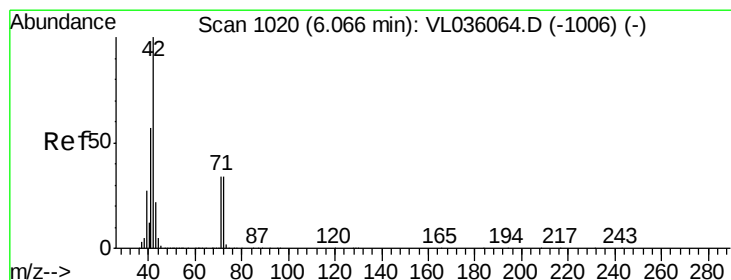
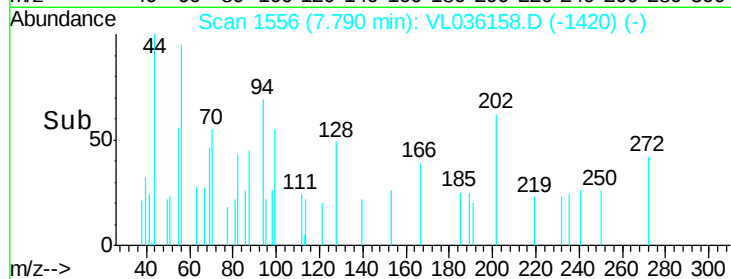
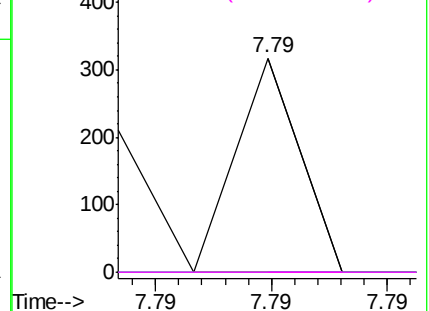


Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 0.014 ppbv

RT: 6.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

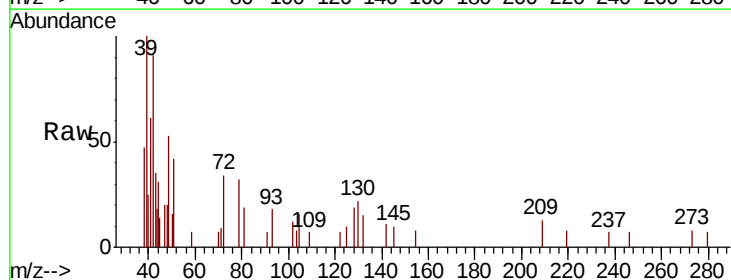
Tgt Ion: 42 Resp: 1381

Ion Ratio Lower Upper

42 100

72 64.4 28.3 42.5#

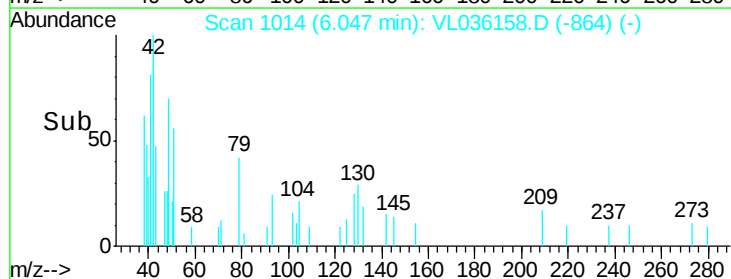
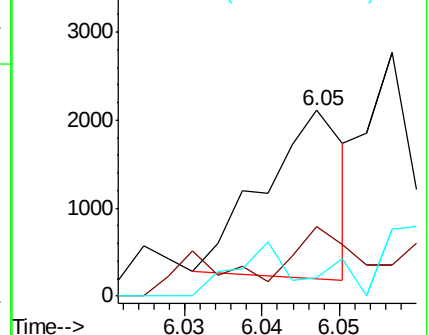
71 0.0 27.3 40.9#

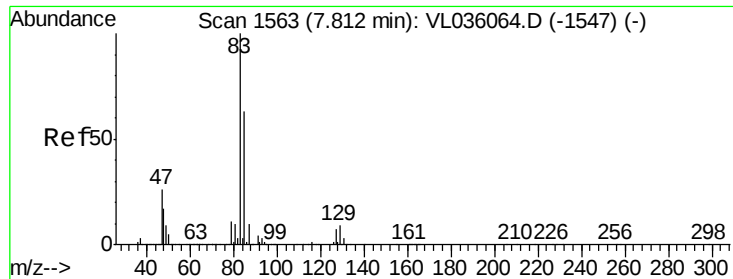


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#42

Bromodichloromethane

Concen: 0.003 ppbv

RT: 7.77 min Scan# 1550

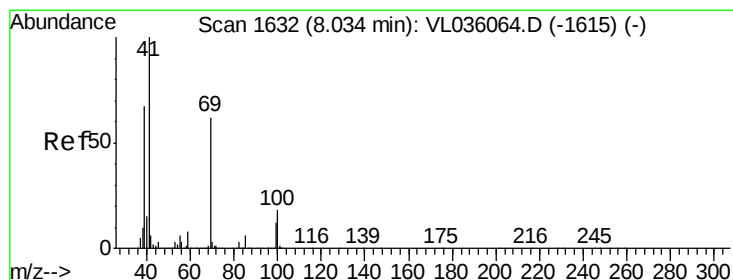
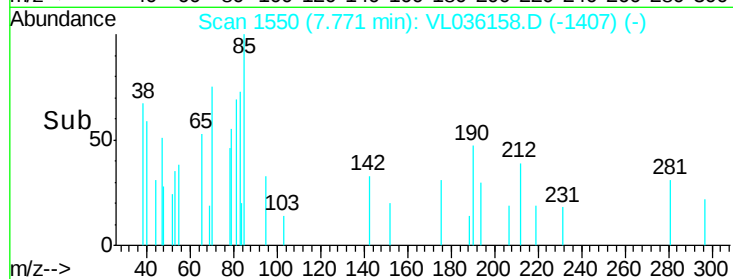
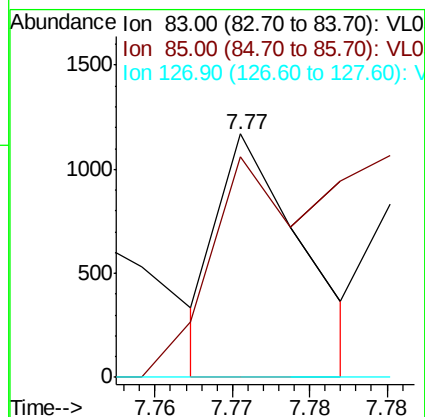
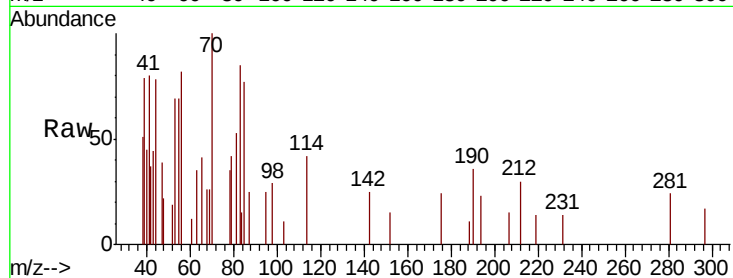
Delta R.T. -0.04 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

Tot Ion: 83 Resp: 435

Ion	Ratio	Lower	Upper
83	100		
85	95.1	50.2	75.2#
127	0.0	5.5	8.3#



#43

Methyl Methacrylate

Concen: 0.005 ppbv

RT: 7.98 min Scan# 1616

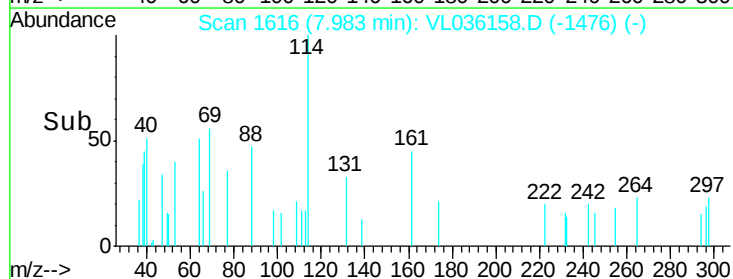
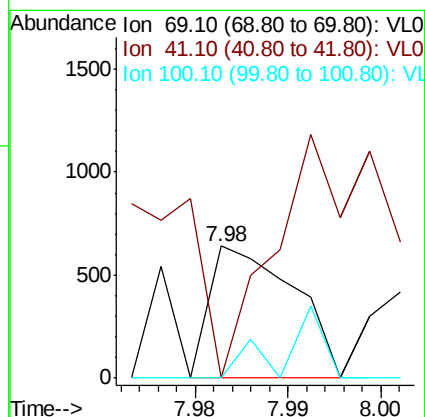
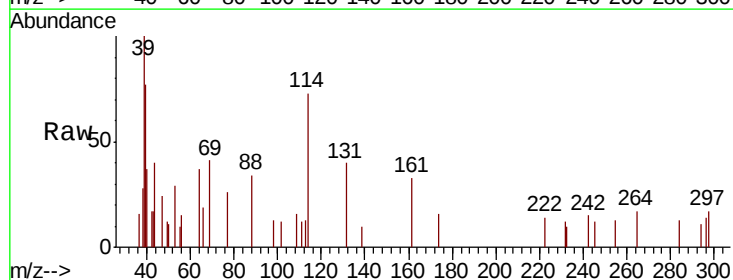
Delta R.T. -0.05 min

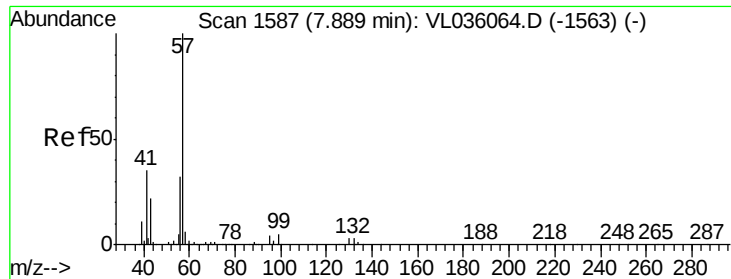
Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

Tgt Ion: 69 Resp: 405

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: 0.112 ppbv m

RT: 7.85 min Scan# 1574

Delta R.T. -0.04 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

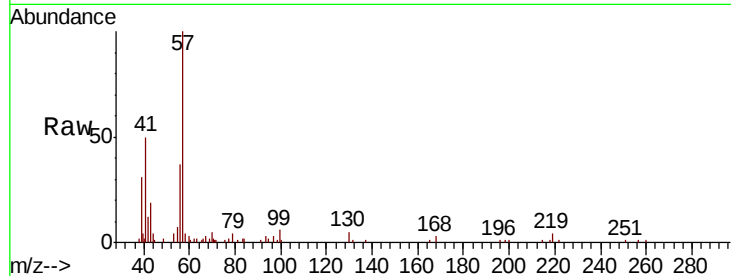
Tot Ion: 57 Resp: 41647

Ion Ratio Lower Upper

57 100

41 43.4 28.9 43.3#

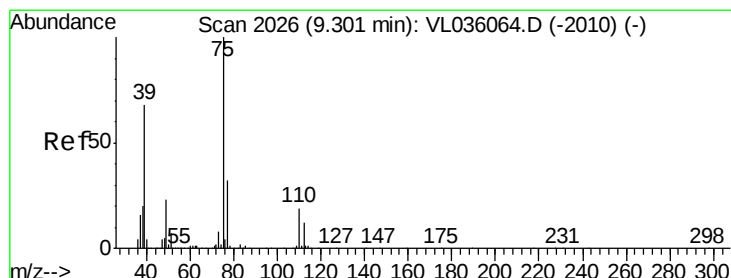
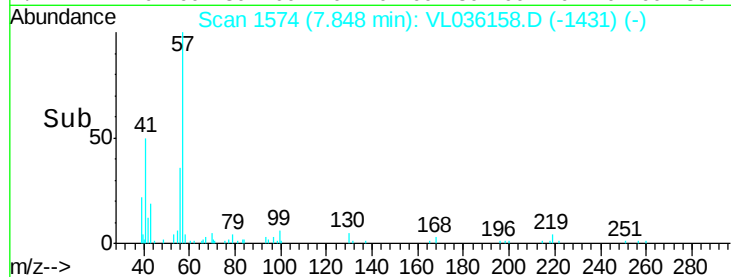
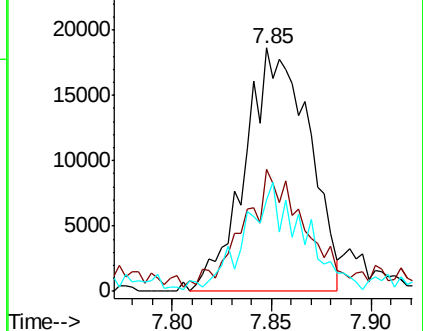
56 0.0 25.3 37.9#



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: 0.002 ppbv

RT: 8.85 min Scan# 1886

Delta R.T. -0.45 min

Lab File: VL036158.D

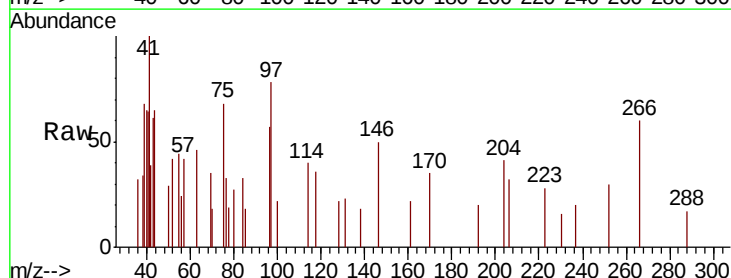
Acq: 11 Dec 2020 10:39

Tgt Ion: 75 Resp: 174

Ion Ratio Lower Upper

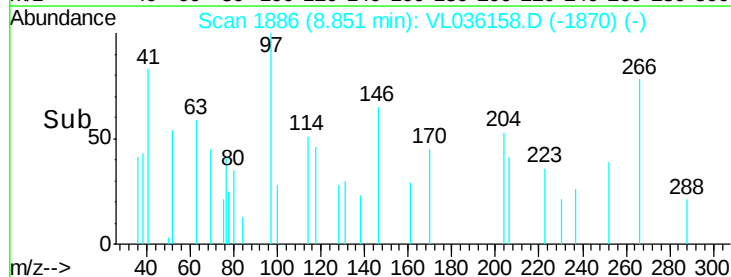
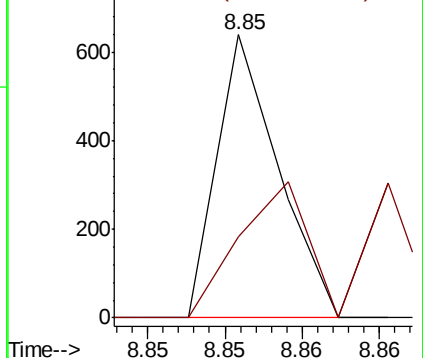
75 100

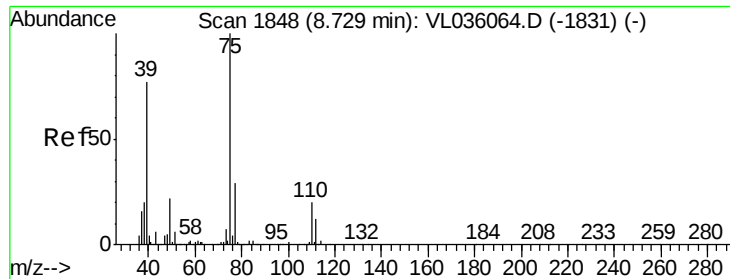
77 28.5 26.0 39.0



Abundance Ion 75.10 (74.80 to 75.80): VL0

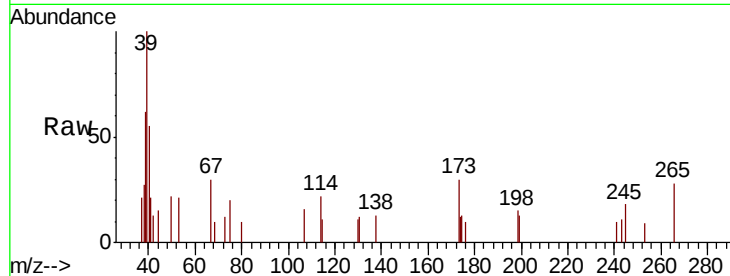
Ion 77.10 (76.80 to 77.80): VL0



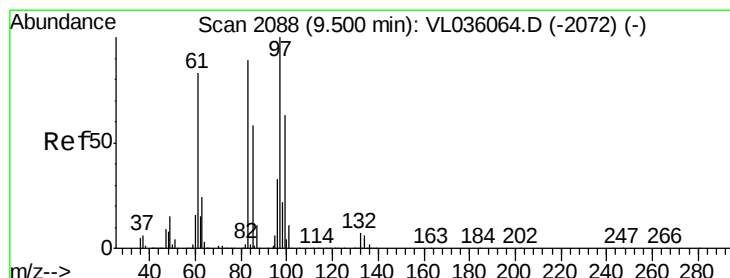
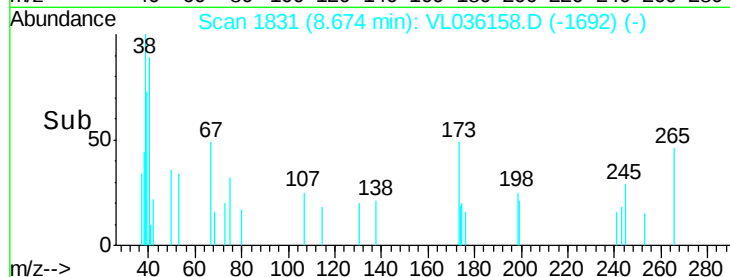
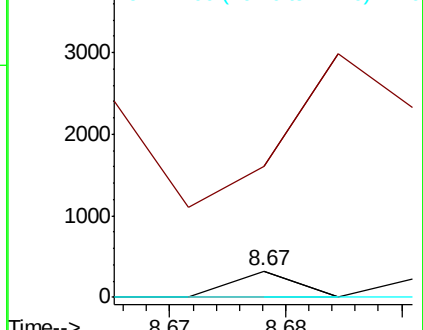


#46
 cis-1,3-Dichloropropene
 Concen: 0.001 ppbv
 RT: 8.67 min Scan# 1831
 Delta R.T. -0.05 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

Tot Ion	Ratio	Lower	Upper
75	100		
39	156.1	61.6	92.4#
77	0.0	23.0	34.6#

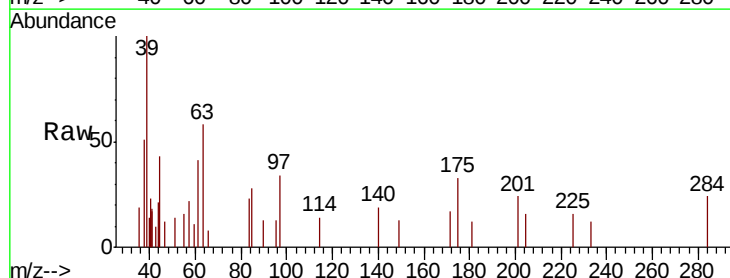


Abundance Ion 75.00 (74.70 to 75.70): VL0
 Ion 39.00 (38.70 to 39.70): VL0
 Ion 77.00 (76.70 to 77.70): VL0

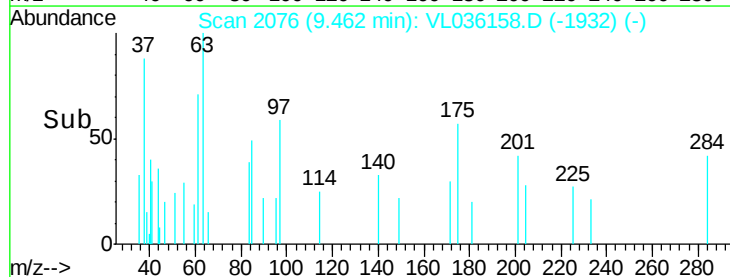
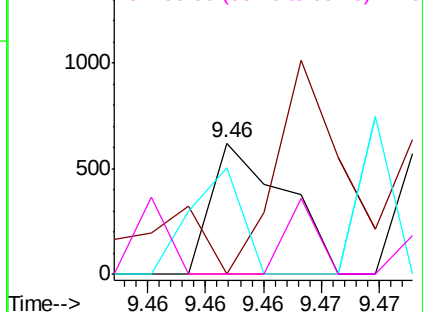


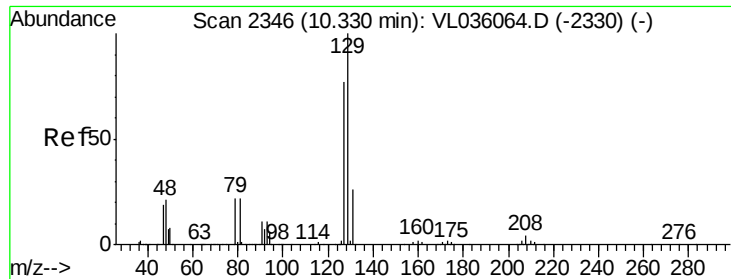
#47
 1,1,2-Trichloroethane
 Concen: 0.004 ppbv
 RT: 9.46 min Scan# 2076
 Delta R.T. -0.04 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

Tgt Ion	Ratio	Lower	Upper
97	100		
83	14.2	71.4	107.2#
85	81.6	46.6	70.0#
99	0.0	50.7	76.1#



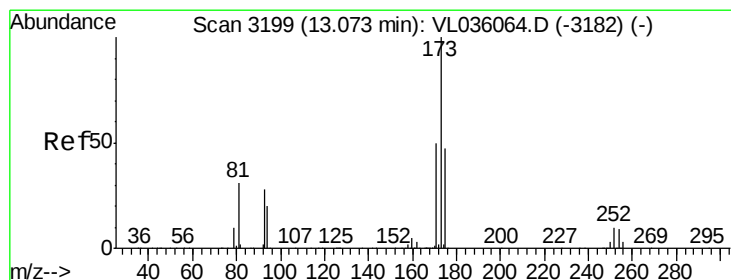
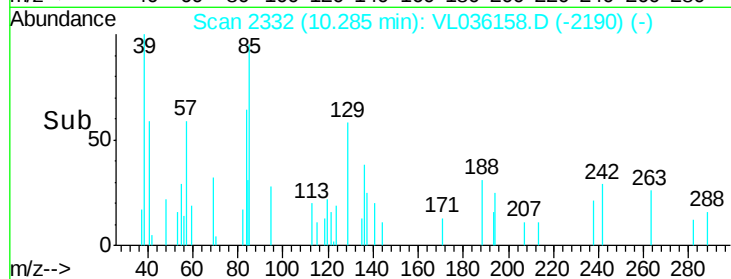
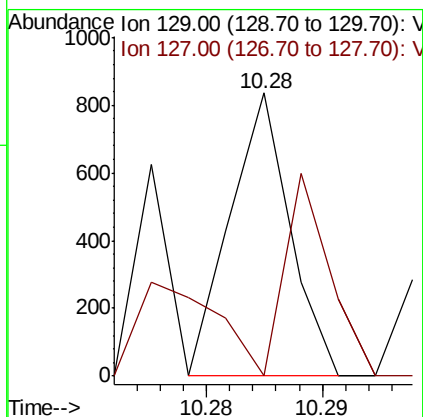
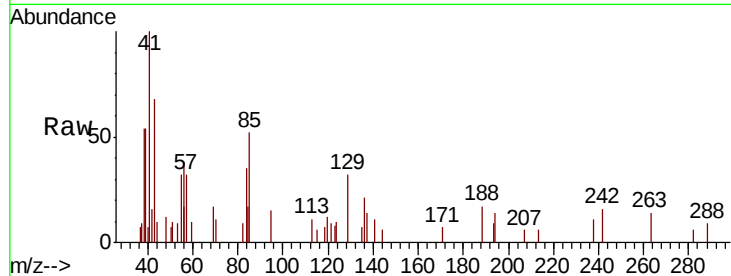
Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0





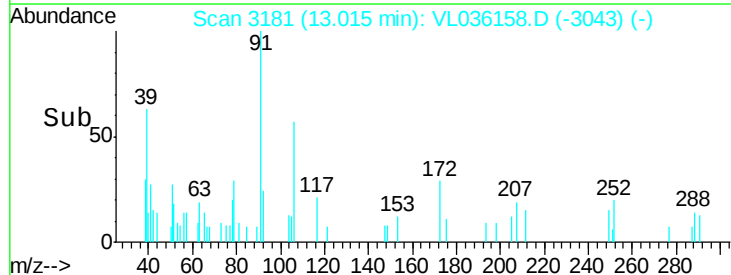
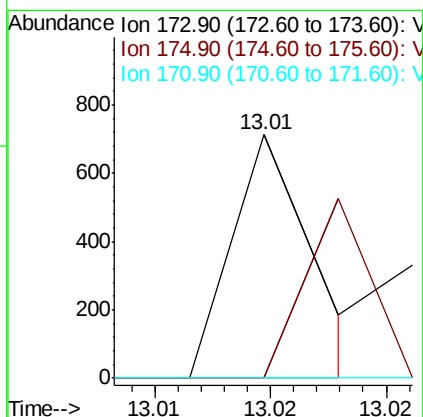
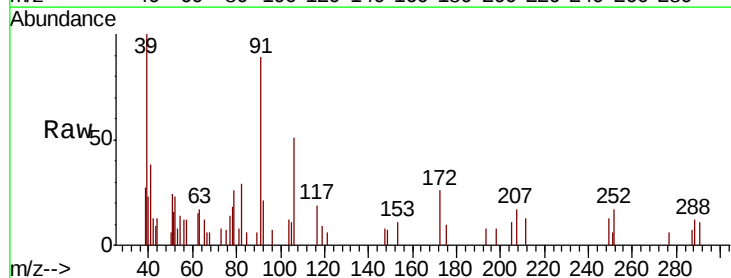
#48
 Dibromochloromethane
 Concen: 0.003 ppbv
 RT: 10.28 min Scan# 2332
 Delta R.T. -0.04 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

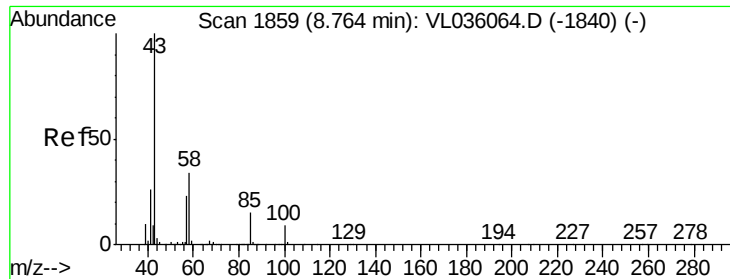
Tot Ion:129 Resp: 297
 Ion Ratio Lower Upper
 129 100
 127 97.6 39.0 117.0



#49
 Bromoform
 Concen: 0.002 ppbv
 RT: 13.01 min Scan# 3181
 Delta R.T. -0.06 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

Tgt Ion:173 Resp: 174
 Ion Ratio Lower Upper
 173 100
 175 17.2 39.8 59.6#
 171 0.0 42.5 63.7#





#50

4-Methyl-2-Pentanone

Concen: 0.000 ppbv

RT: 8.71 min Scan# 1843

Delta R.T. -0.05 min

Lab File: VL036158.D

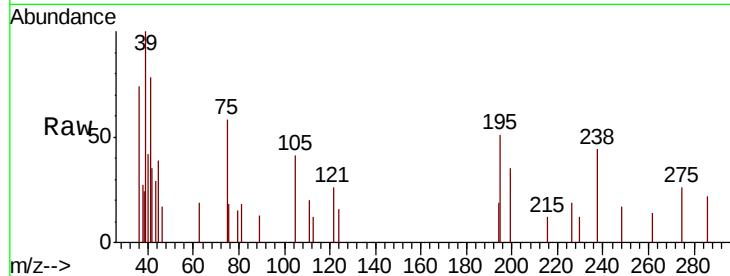
Acq: 11 Dec 2020 10:39

Tot Ion: 43 Resp: 111

Ion Ratio Lower Upper

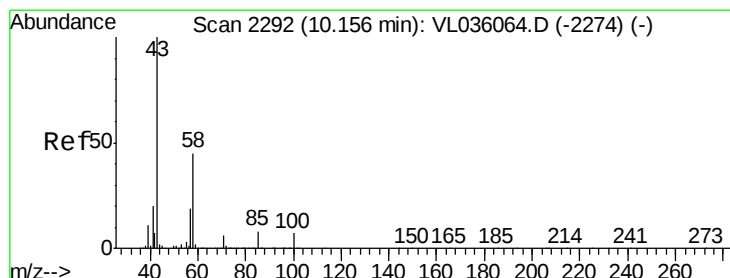
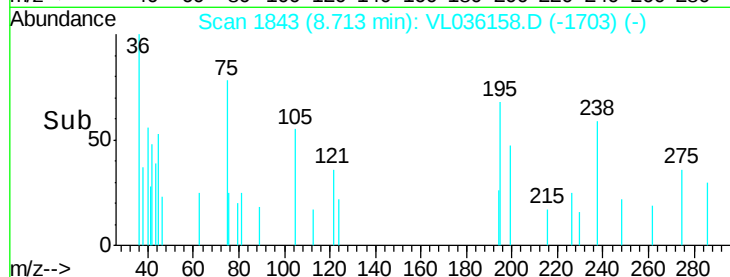
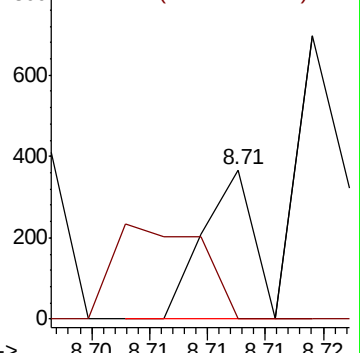
43 100

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



#51

2-Hexanone

Concen: 0.006 ppbv

RT: 10.10 min Scan# 2274

Delta R.T. -0.06 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

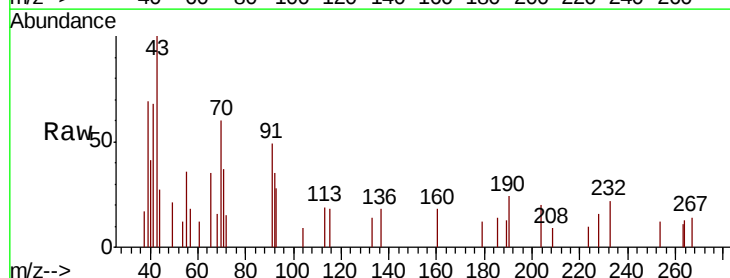
Tgt Ion: 43 Resp: 1214

Ion Ratio Lower Upper

43 100

58 0.0 38.7 58.1#

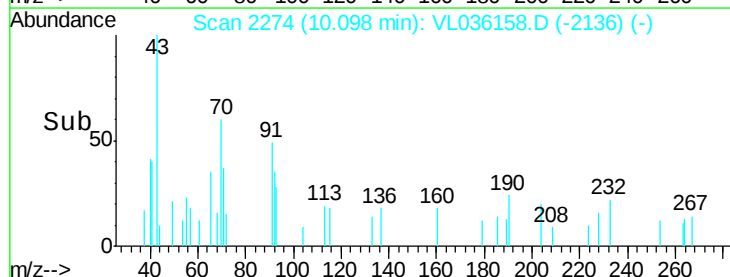
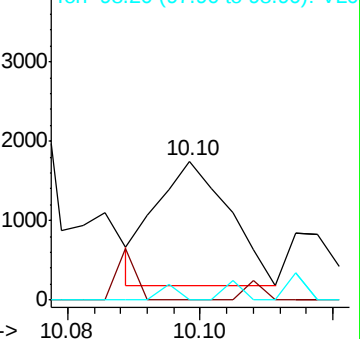
98 0.0 0.1 0.1#

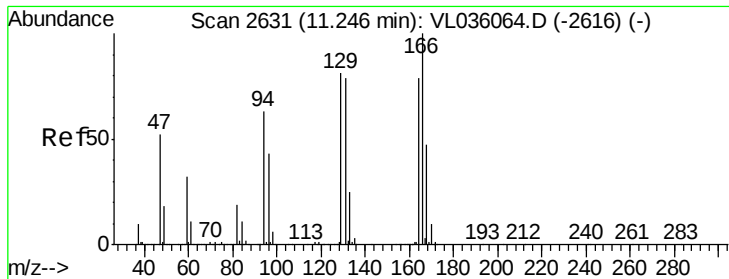


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0





#52

Tetrachloroethene

Concen: 0.002 ppbv

RT: 11.19 min Scan# 2614

Delta R.T. -0.05 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

Tot Ion:164 Resp: 159

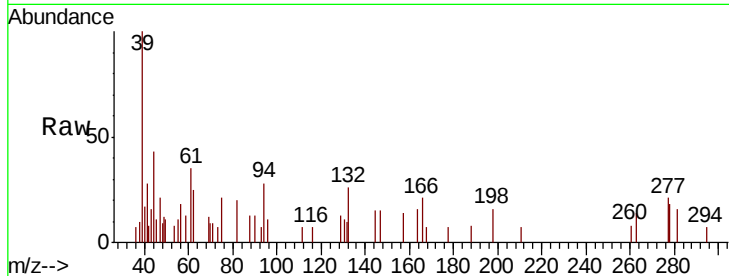
Ion Ratio Lower Upper

164 100

166 46.4 101.9 152.9#

129 0.0 82.1 123.1#

131 129.4 80.8 121.2#

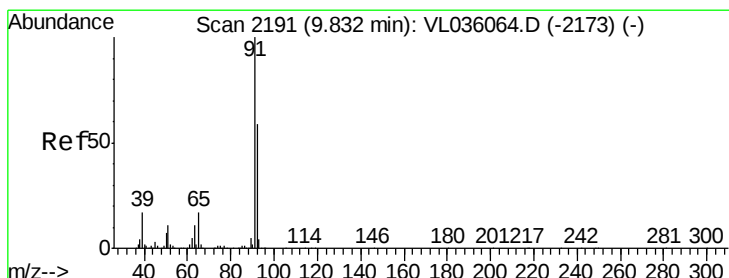
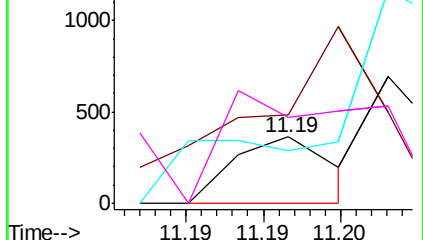
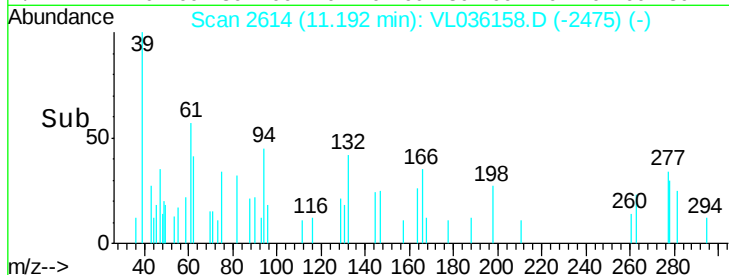


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.466 ppbv m

RT: 9.79 min Scan# 2177

Delta R.T. -0.04 min

Lab File: VL036158.D

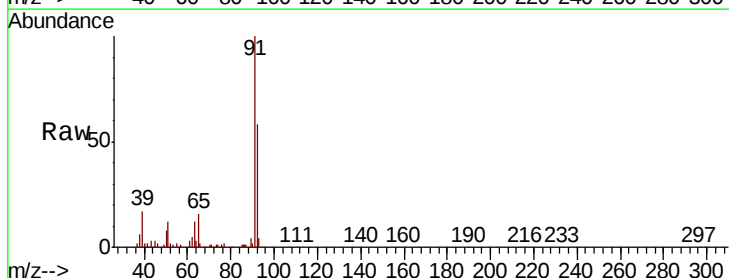
Acq: 11 Dec 2020 10:39

Tgt Ion: 91 Resp: 338270

Ion Ratio Lower Upper

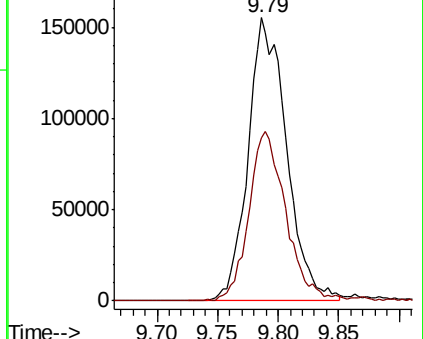
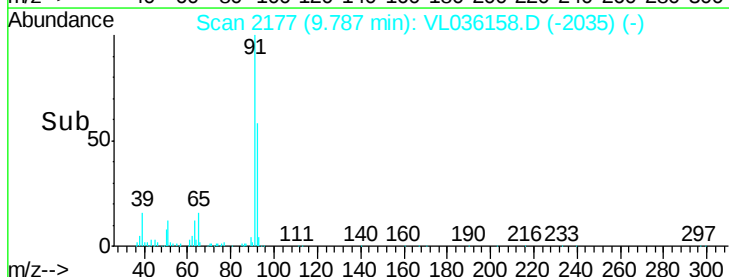
91 100

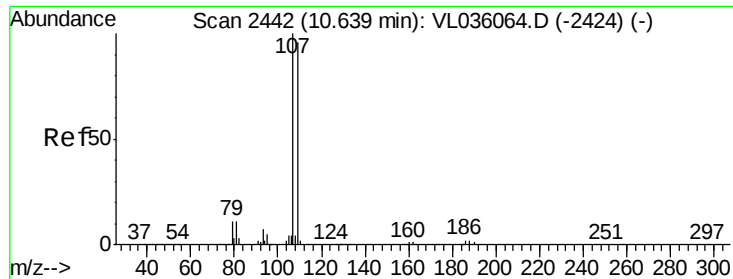
92 58.1 48.2 72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

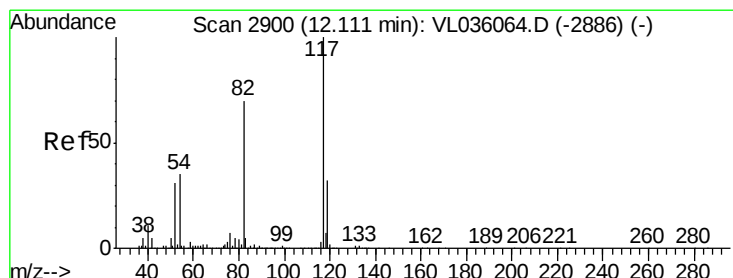
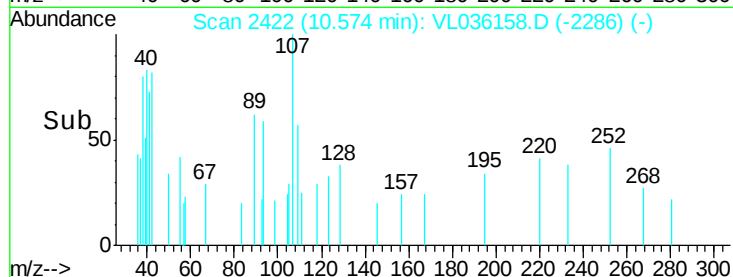
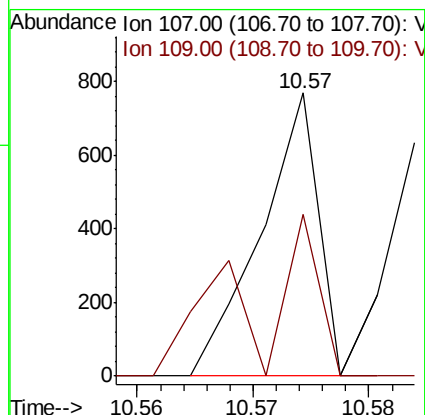
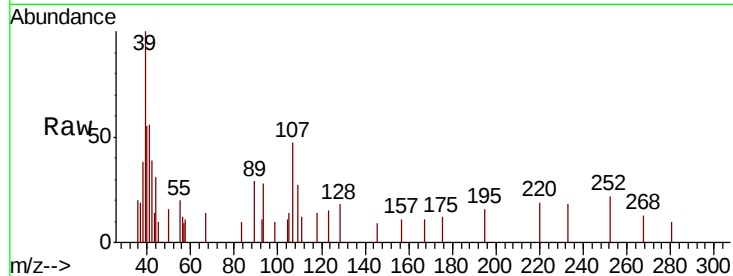
Ion 92.10 (91.80 to 92.80): VL0





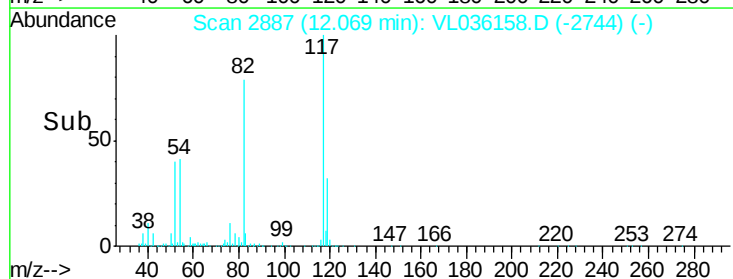
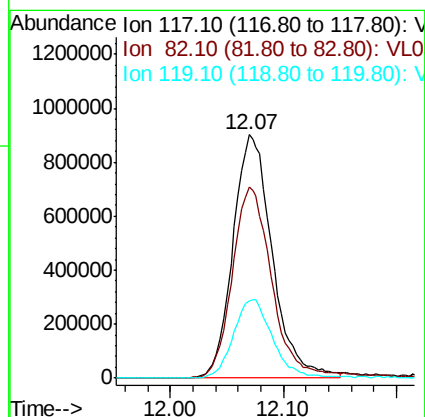
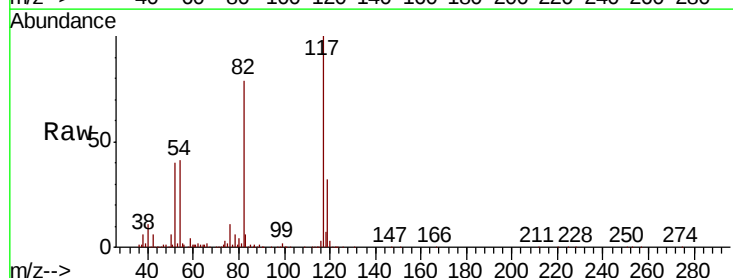
#54
1,2-Dibromoethane
Concen: 0.002 ppbv
RT: 10.57 min Scan# 2422
Delta R.T. -0.06 min
Lab File: VL036158.D
Acq: 11 Dec 2020 10:39

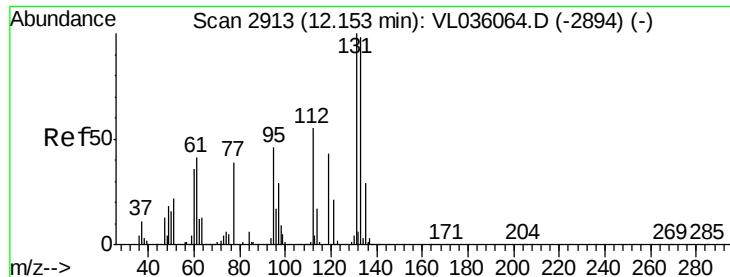
Tot Ion:107 Resp: 266
Ion Ratio Lower Upper
107 100
109 57.0 76.6 115.0#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.04 min
Lab File: VL036158.D
Acq: 11 Dec 2020 10:39

Tgt Ion:117 Resp: 2176407
Ion Ratio Lower Upper
117 100
82 80.6 0.0 0.0#
119 32.6 0.0 0.0#





#56

1,1,1,2-Tetrachloroethane

Concen: 0.002 ppbv

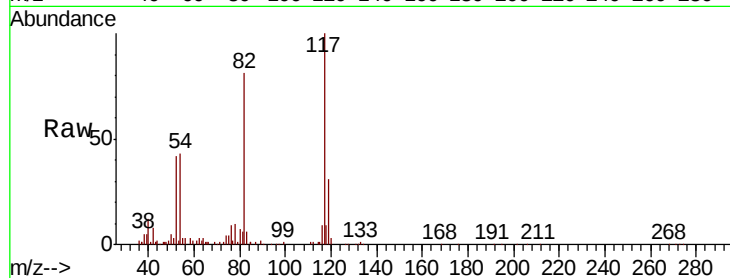
RT: 12.11 min Scan# 2901

Delta R.T. -0.04 min

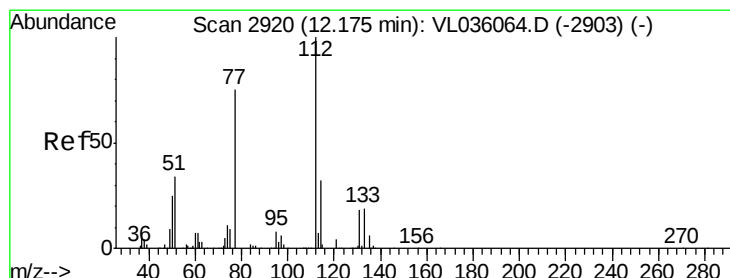
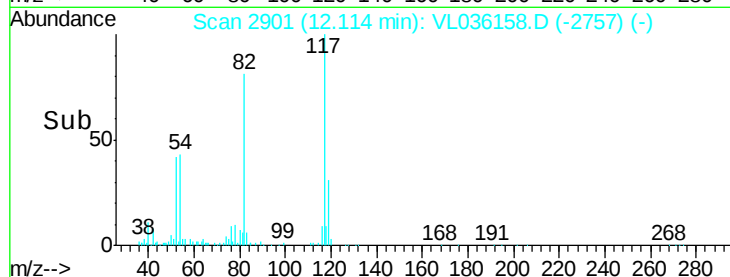
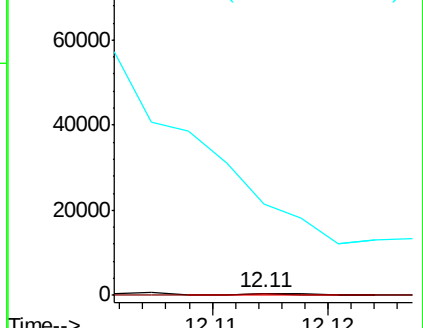
Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

Tot Ion:131	Resp:	191
Ion Ratio	Lower	Upper
131	100	
133	125.7	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: 0.009 ppbv

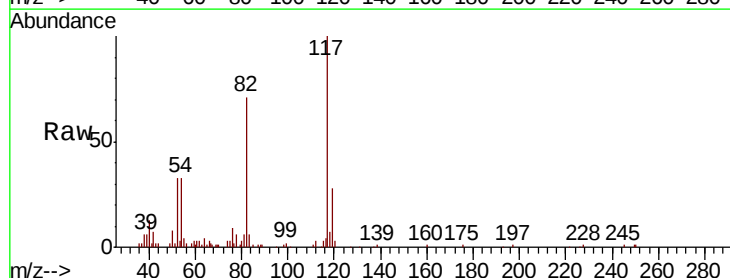
RT: 12.12 min Scan# 2904

Delta R.T. -0.05 min

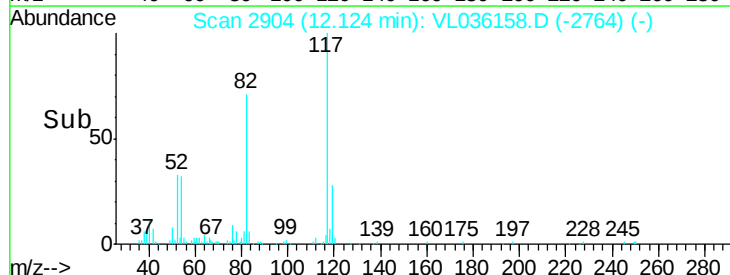
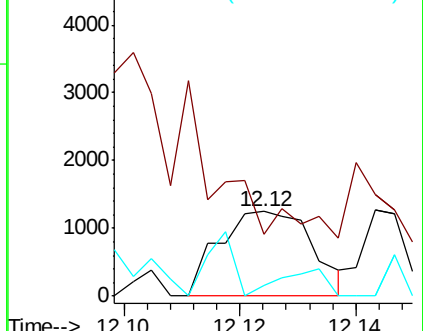
Lab File: VL036158.D

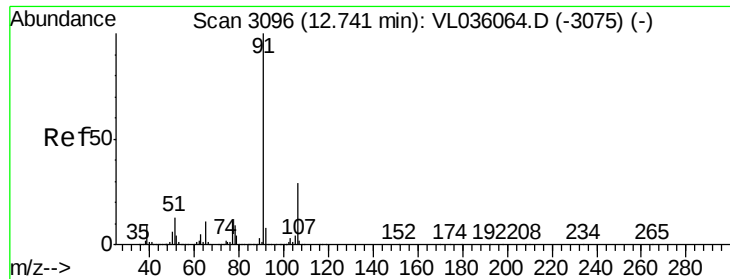
Acq: 11 Dec 2020 10:39

Tgt Ion:112	Resp:	1391
Ion Ratio	Lower	Upper
112	100	
77	4.2	60.5 90.7#
114	12.8	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: 0.095 ppbv m

RT: 12.70 min Scan# 3082

Delta R.T. -0.04 min

Lab File: VL036158.D

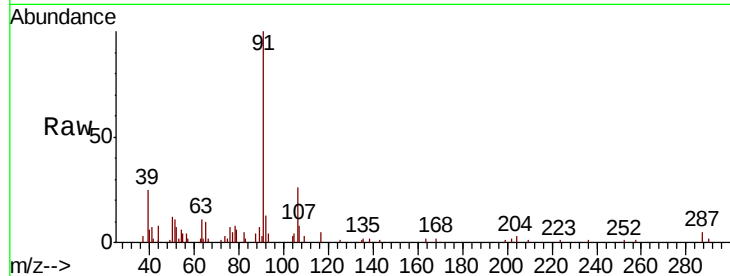
Acq: 11 Dec 2020 10:39

Tot Ion: 91 Resp: 28403

Ion Ratio Lower Upper

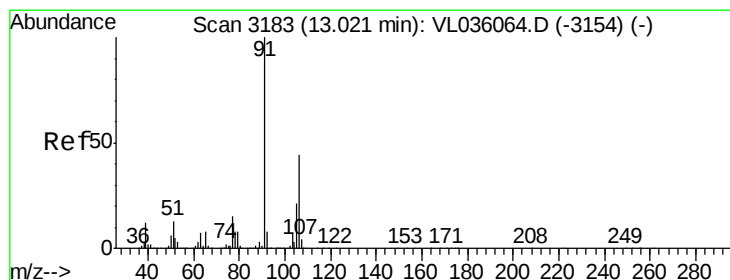
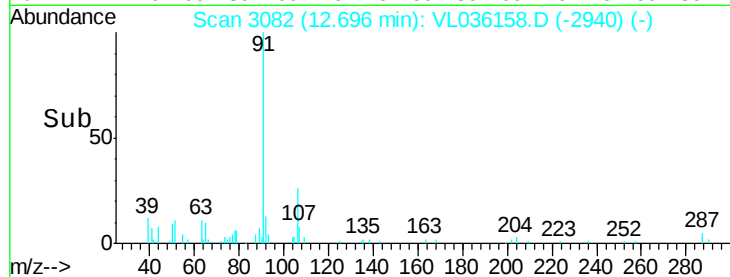
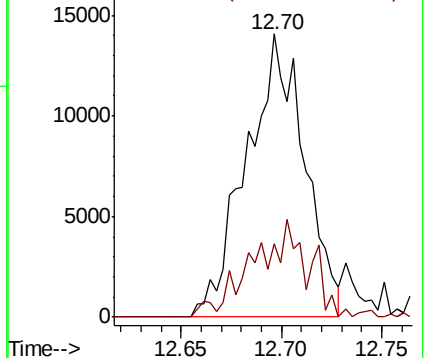
91 100

106 25.7 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: 0.350 ppbv m

RT: 12.95 min Scan# 3162

Delta R.T. -0.07 min

Lab File: VL036158.D

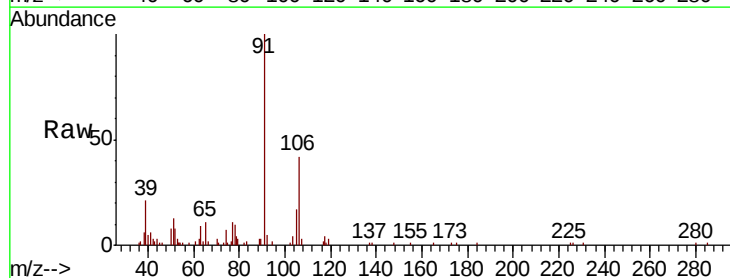
Acq: 11 Dec 2020 10:39

Tgt Ion: 91 Resp: 87982

Ion Ratio Lower Upper

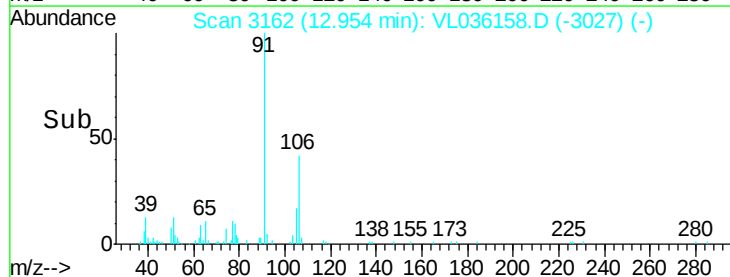
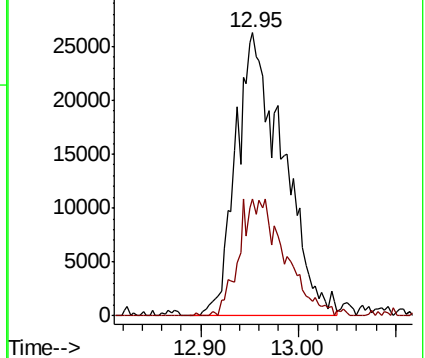
91 100

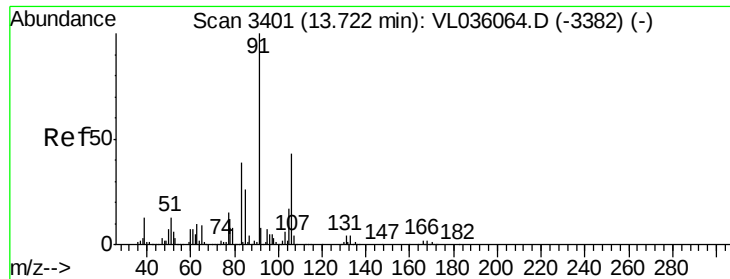
106 0.0 33.6 50.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

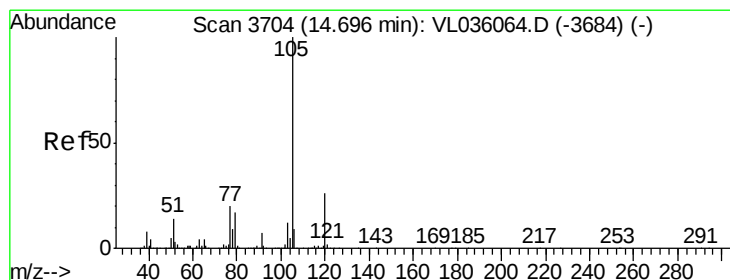
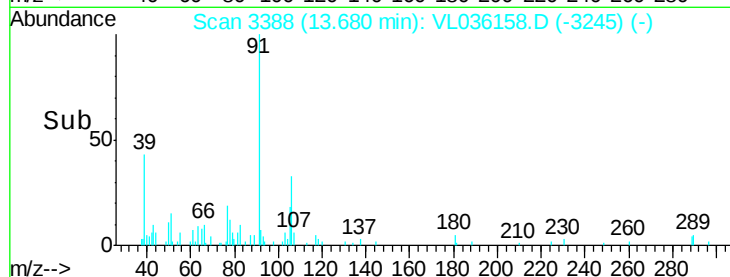
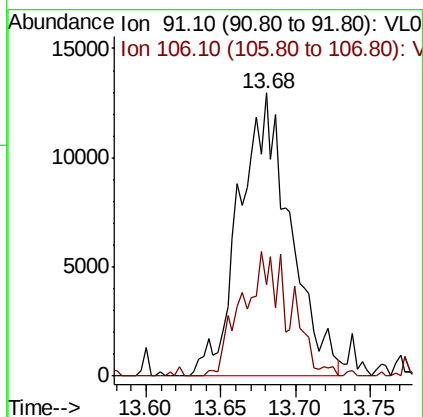
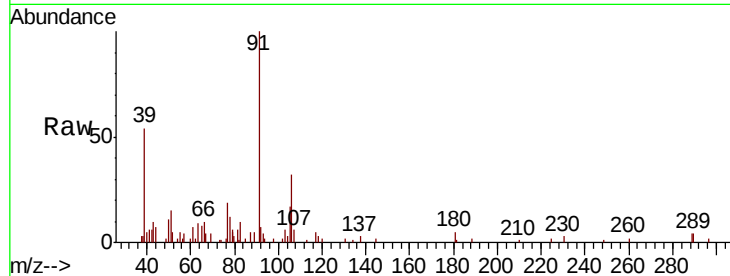
Ion 106.10 (105.80 to 106.80): V





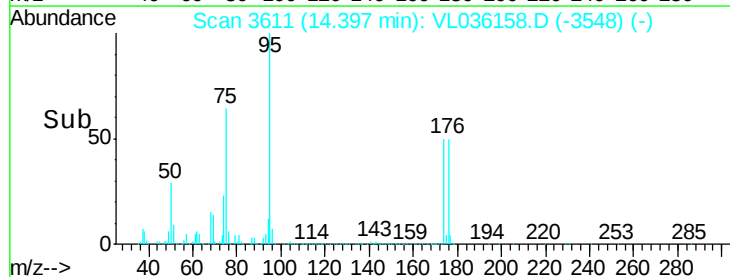
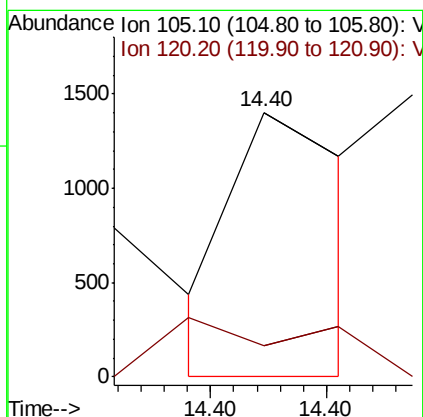
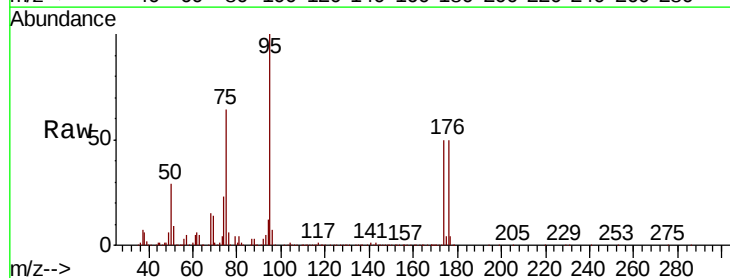
#60
o-Xylene
Concen: 0.130 ppbv m
RT: 13.68 min Scan# 3388
Delta R.T. -0.04 min
Lab File: VL036158.D
Acq: 11 Dec 2020 10:39

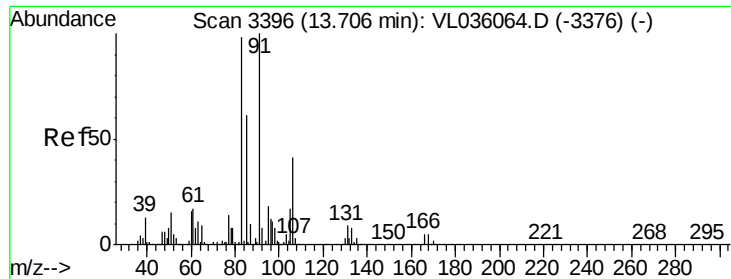
Tot Ion: 91 Resp: 30673
Ion Ratio Lower Upper
91 100
106 0.0 21.6 64.6#



#62
Isopropylbenzene
Concen: 0.001 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.30 min
Lab File: VL036158.D
Acq: 11 Dec 2020 10:39

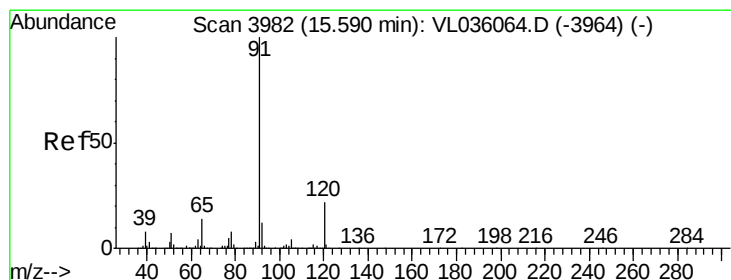
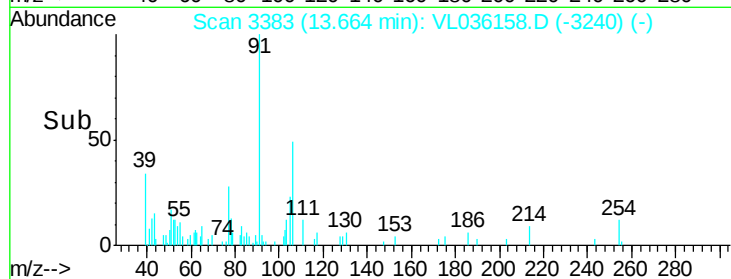
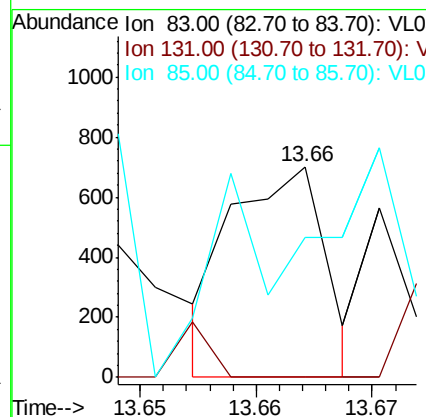
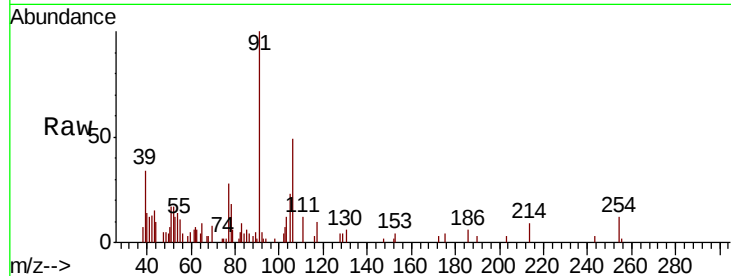
Tgt Ion: 105 Resp: 496
Ion Ratio Lower Upper
105 100
120 29.0 20.1 30.1





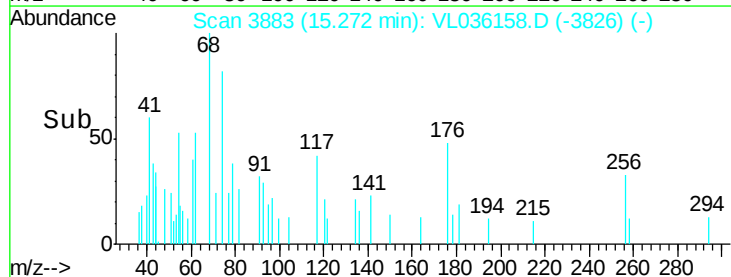
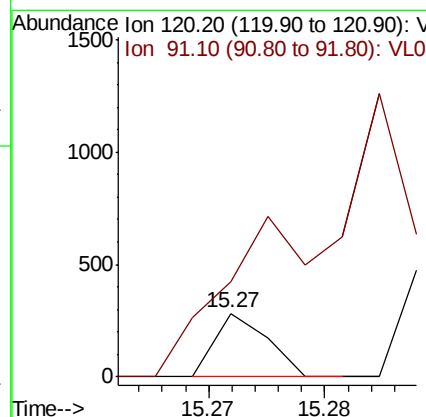
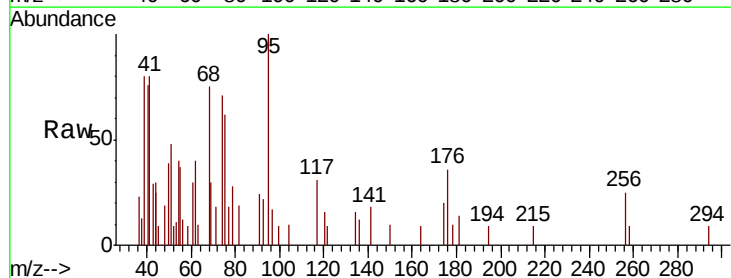
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.002 ppbv
 RT: 13.66 min Scan# 3383
 Delta R.T. -0.04 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

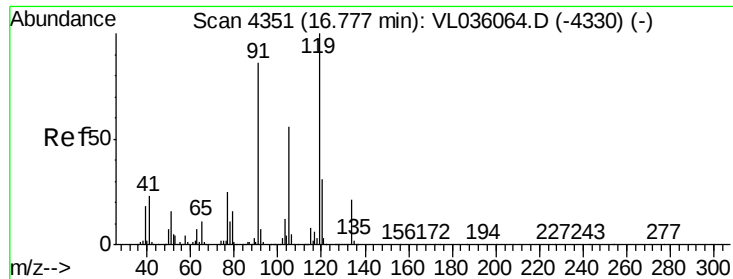
Tot Ion: 83 Resp: 395
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.6 13.8#
 85 0.0 32.5 97.5#



#64
 n-propylbenzene
 Concen: 0.001 ppbv
 RT: 15.27 min Scan# 3883
 Delta R.T. -0.32 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

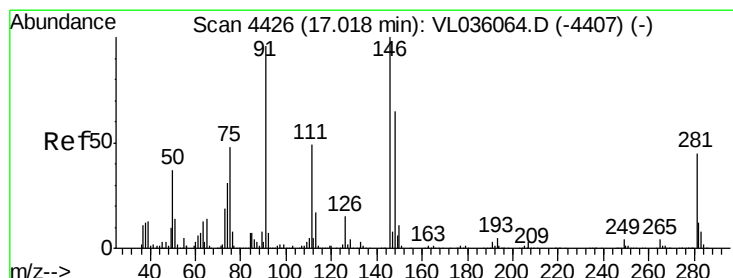
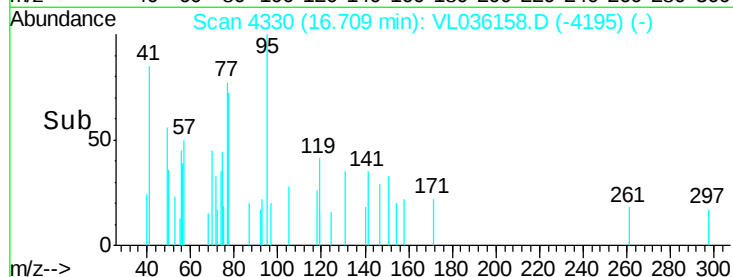
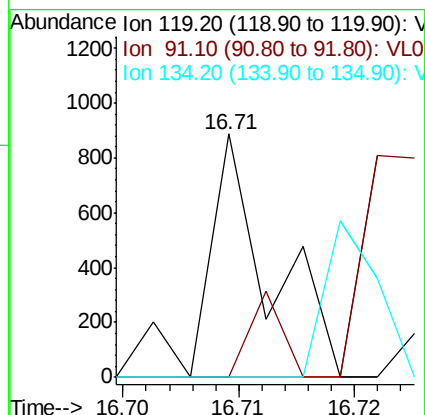
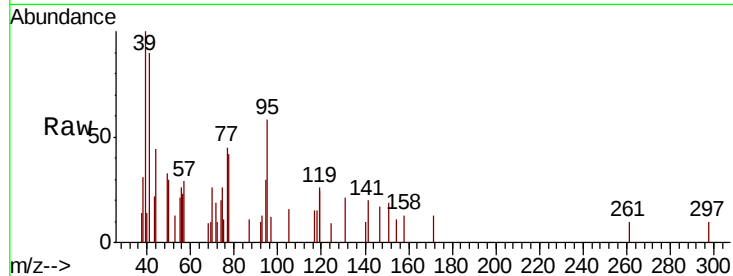
Tgt Ion:120 Resp: 88
 Ion Ratio Lower Upper
 120 100
 91 520.5 388.9 583.3





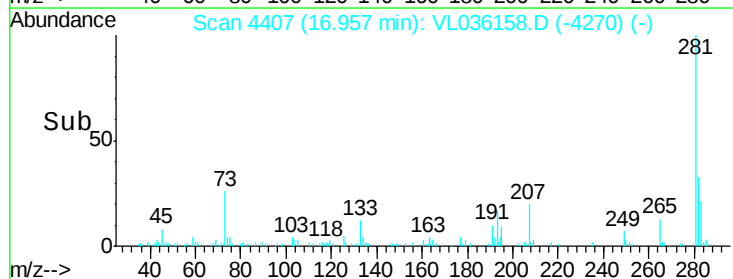
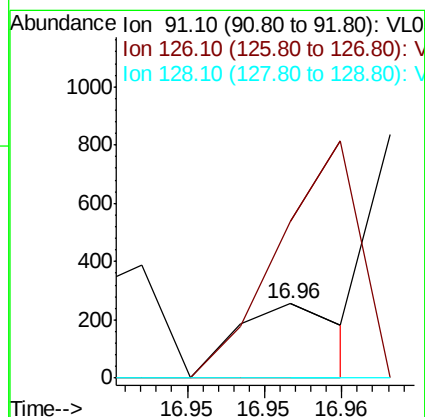
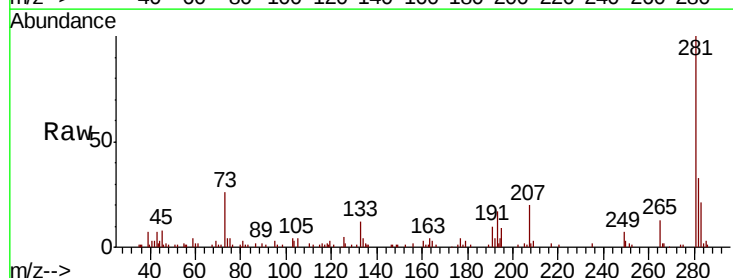
#65
tert-Butylbenzene
Concen: 0.001 ppbv
RT: 16.71 min Scan# 4330
Delta R.T. -0.07 min
Lab File: VL036158.D
Acq: 11 Dec 2020 10:39

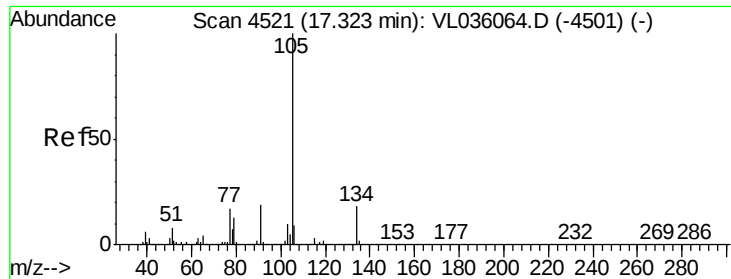
Tot Ion: 119 Resp: 304
Ion Ratio Lower Upper
119 100
91 0.0 70.2 105.2#
134 92.1 15.8 23.6#



#66
Benzyl Chloride
Concen: 0.002 ppbv
RT: 16.96 min Scan# 4407
Delta R.T. -0.06 min
Lab File: VL036158.D
Acq: 11 Dec 2020 10:39

Tgt Ion: 91 Resp: 120
Ion Ratio Lower Upper
91 100
126 0.0 13.5 20.3#
128 0.0 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.001 ppbv

RT: 17.27 min Scan# 4506

Delta R.T. -0.05 min

Lab File: VL036158.D

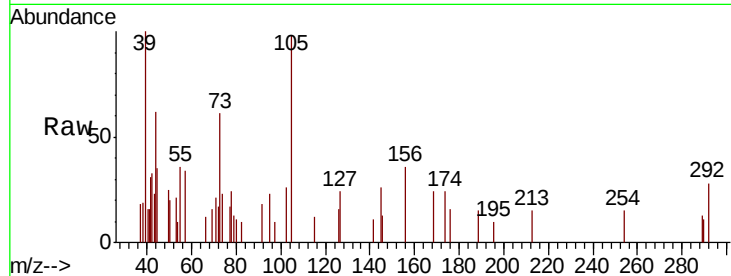
Acq: 11 Dec 2020 10:39

Tot Ion: 105 Resp: 498

Ion Ratio Lower Upper

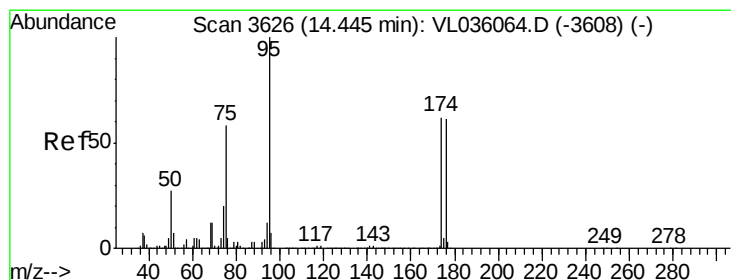
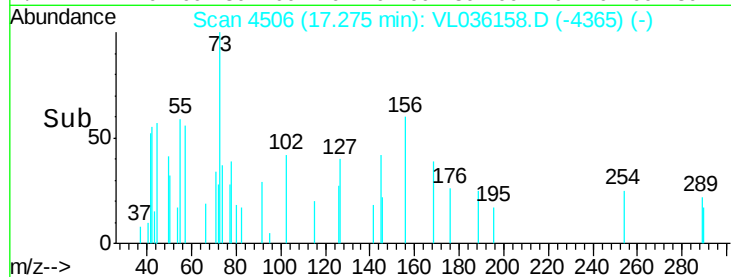
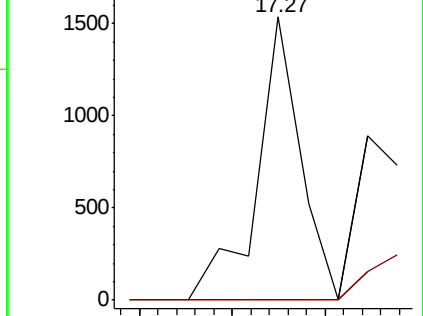
105 100

134 0.0 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: 11.164 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.04 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

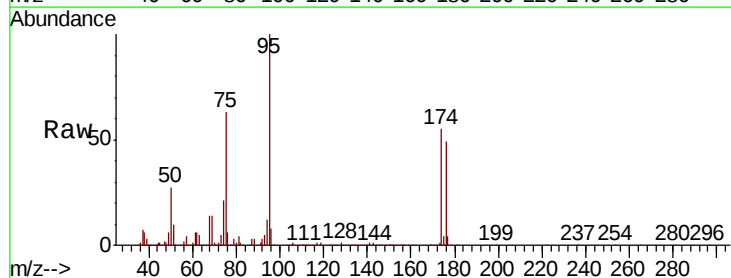
Tgt Ion: 95 Resp: 1929357

Ion Ratio Lower Upper

95 100

174 51.8 50.7 76.1

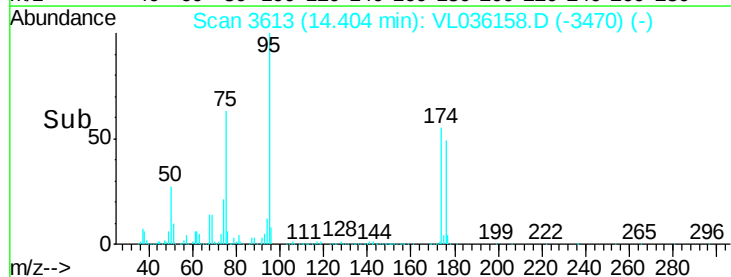
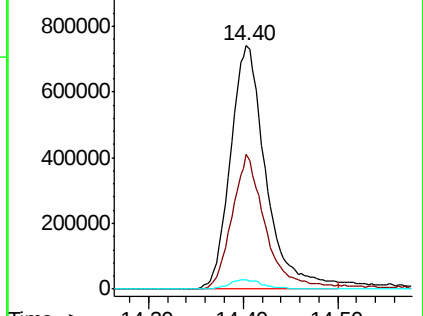
175 3.9 4.0 6.0#

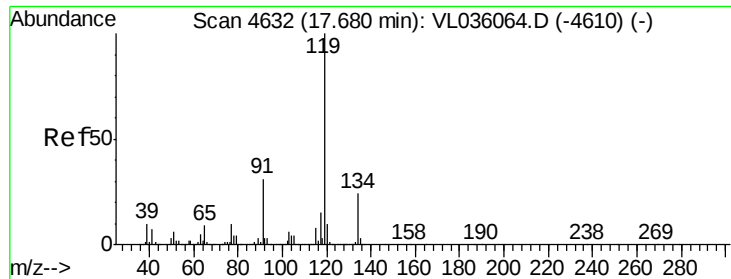


Abundance Ion 95.10 (94.80 to 95.80): V

Ion 174.00 (173.70 to 174.70): V

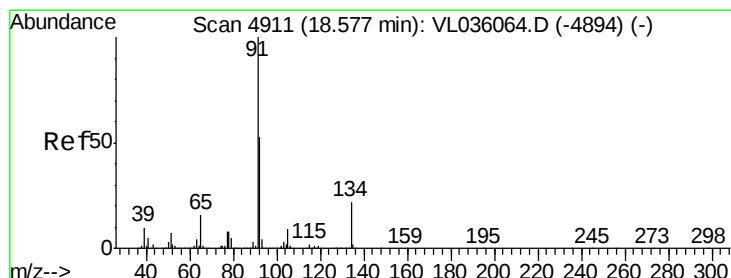
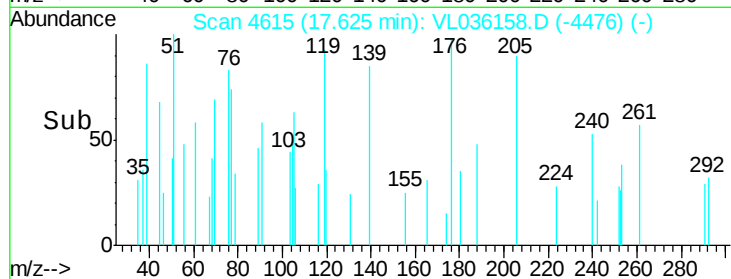
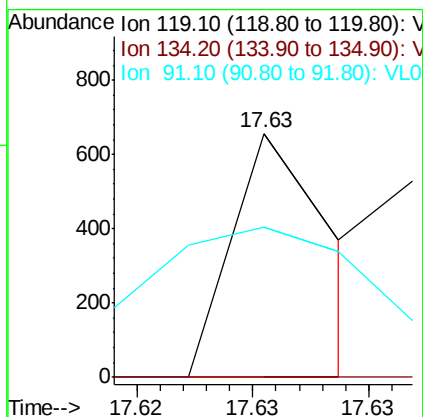
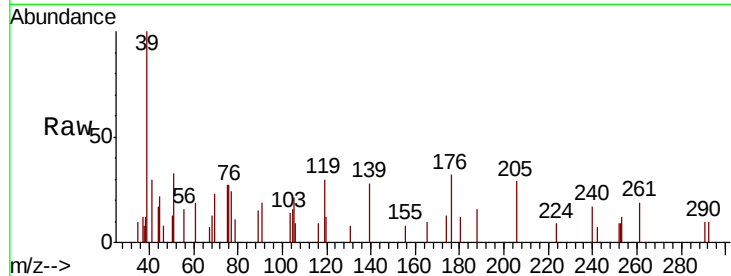
Ion 175.00 (174.70 to 175.70): V





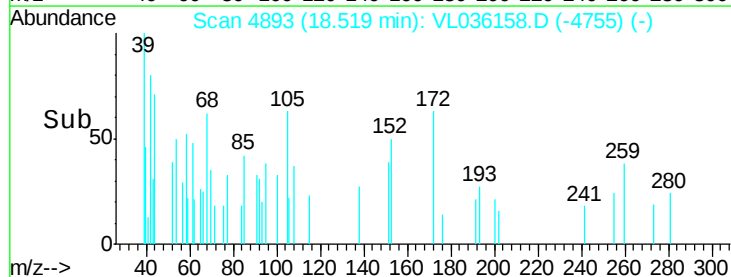
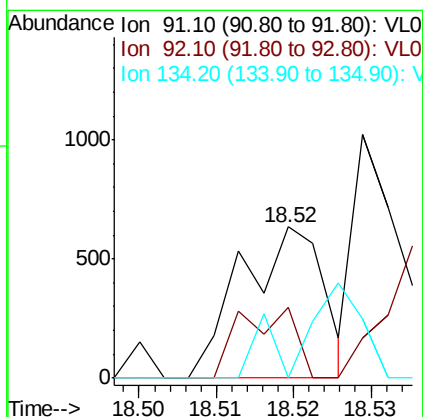
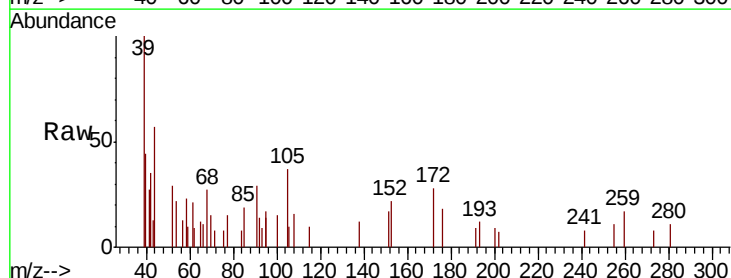
#69
 p-Isopropyltoluene
 Concen: 0.001 ppbv
 RT: 17.63 min Scan# 4615
 Delta R.T. -0.05 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

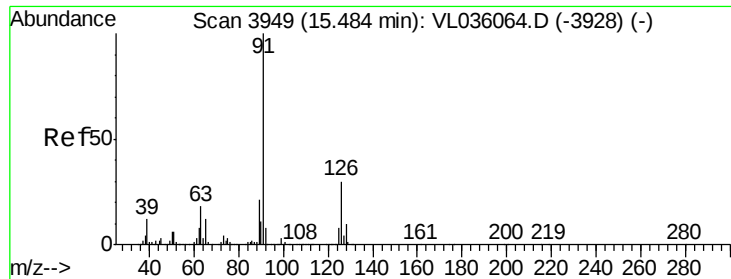
Tot Ion:	119	Resp:	198
Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.8	29.6#
91	0.0	25.8	38.6#



#70
 n-Butylbenzene
 Concen: 0.001 ppbv
 RT: 18.52 min Scan# 4893
 Delta R.T. -0.06 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

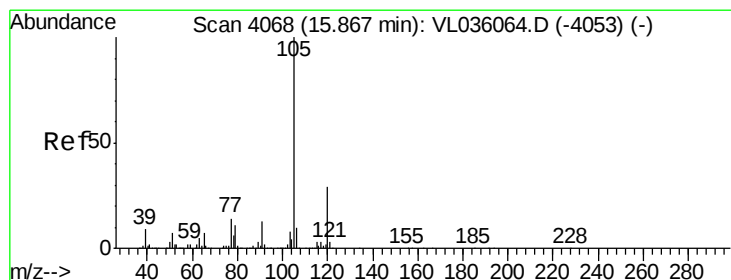
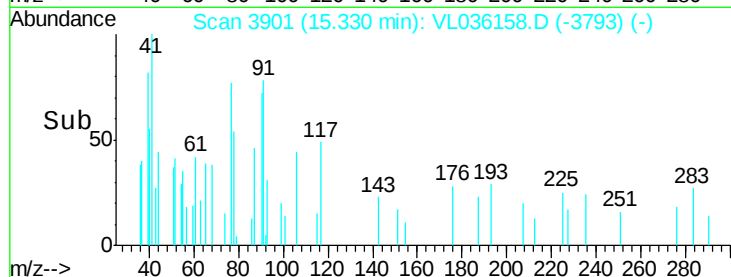
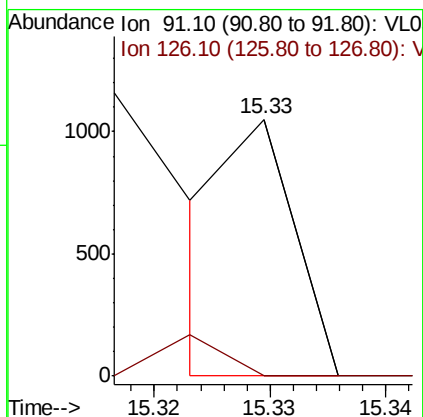
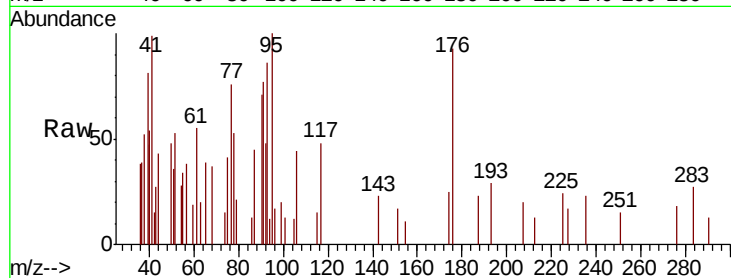
Tgt Ion:	91	Resp:	471
Ion	Ratio	Lower	Upper
91	100		
92	48.8	43.3	64.9
134	19.5	17.1	25.7





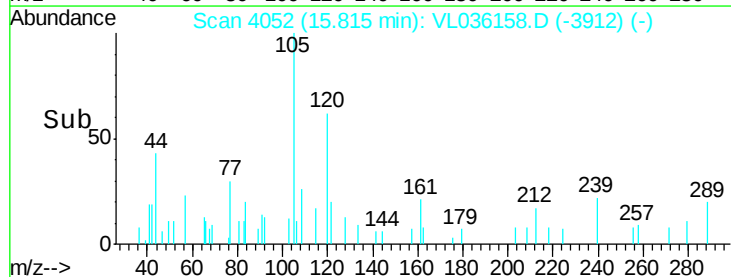
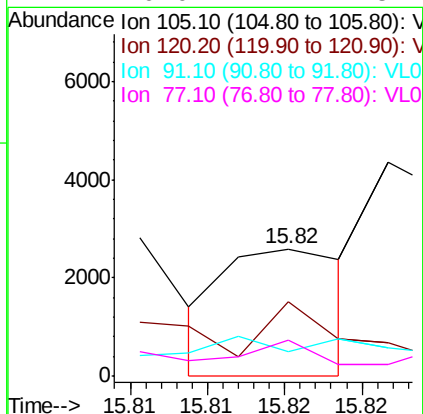
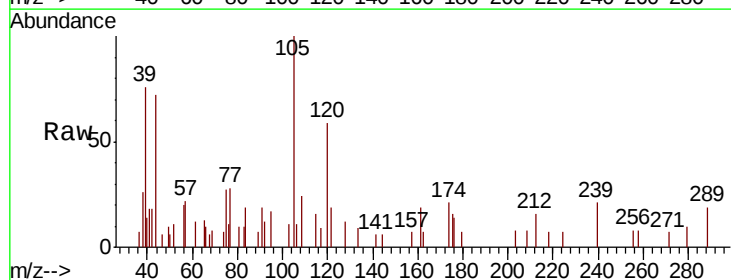
#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 15.33 min Scan# 3901
Delta R.T. -0.15 min
Lab File: VL036158.D
Acq: 11 Dec 2020 10:39

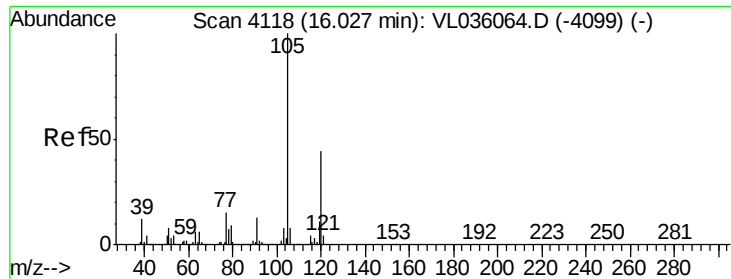
Tot Ion: 91 Resp: 203
Ion Ratio Lower Upper
91 100
126 31.0 11.6 46.4



#72
4-Ethyltoluene
Concen: 0.006 ppbv
RT: 15.82 min Scan# 4052
Delta R.T. -0.05 min
Lab File: VL036158.D
Acq: 11 Dec 2020 10:39

Tgt Ion: 105 Resp: 1428
Ion Ratio Lower Upper
105 100
120 124.2 23.6 35.4#
91 0.0 11.4 17.0#
77 0.0 12.1 18.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.002 ppbv

RT: 15.97 min Scan# 4101

Delta R.T. -0.05 min

Lab File: VL036158.D

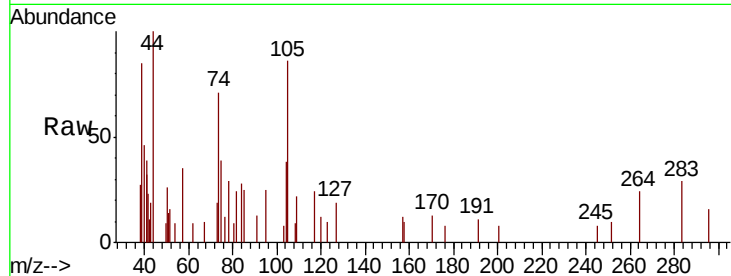
Acq: 11 Dec 2020 10:39

Tot Ion:105 Resp: 455

Ion Ratio Lower Upper

105 100

120 23.5 35.4 53.2#



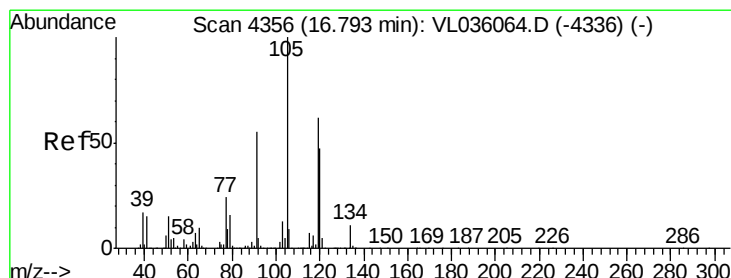
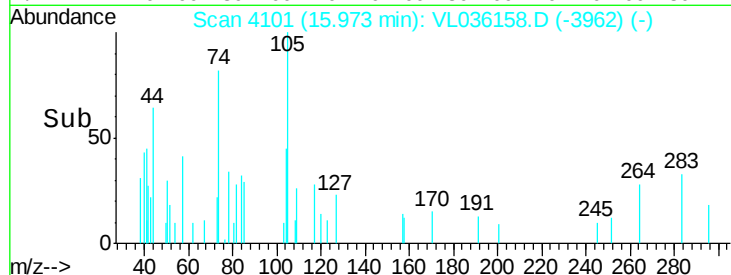
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.97

15.98

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 0.009 ppbv

RT: 16.74 min Scan# 4339

Delta R.T. -0.05 min

Lab File: VL036158.D

Acq: 11 Dec 2020 10:39

Tgt Ion:105 Resp: 2140

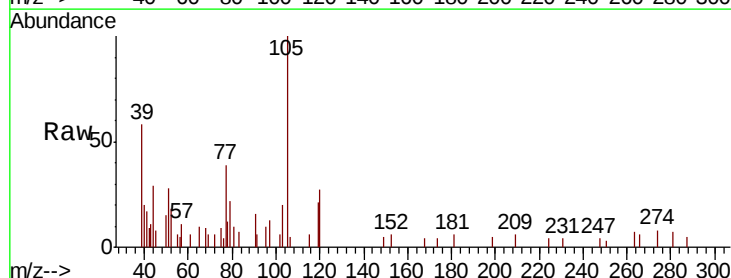
Ion Ratio Lower Upper

105 100

120 4.4 37.4 56.0#

91 5.9 45.6 68.4#

77 29.6 19.4 29.2#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

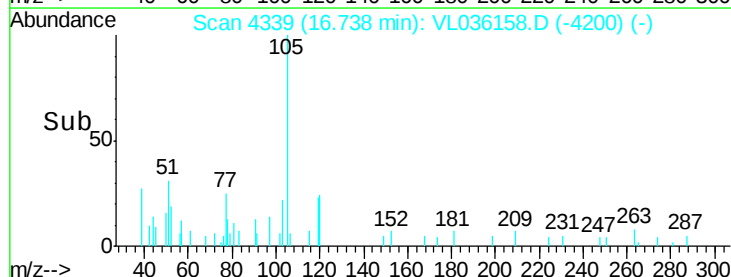
Ion 91.10 (90.80 to 91.80): VL0

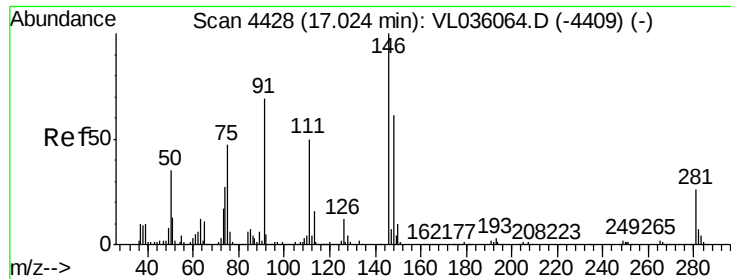
Ion 77.10 (76.80 to 77.80): VL0

16.74

16.73

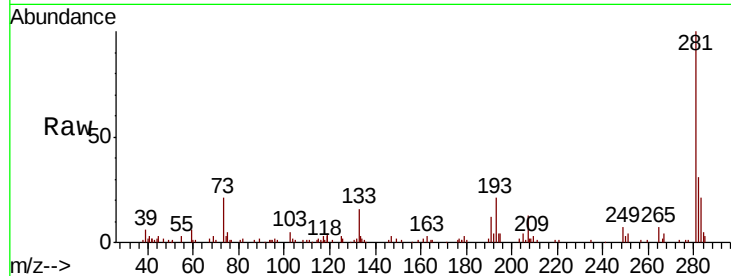
Time-->



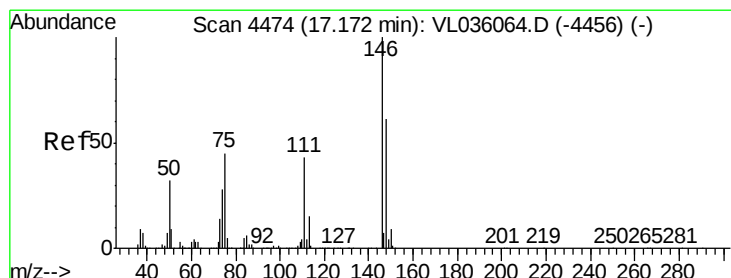
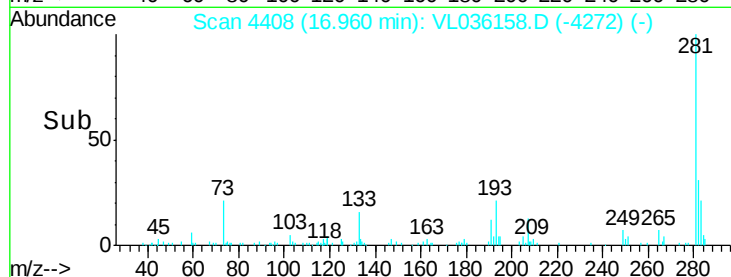
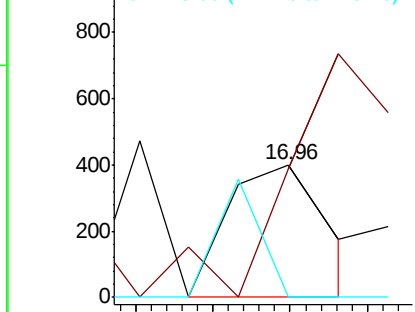


#75
 1,3-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 16.96 min Scan# 4408
 Delta R.T. -0.06 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

Tot Ion:146 Resp: 177
 Ion Ratio Lower Upper
 146 100
 111 0.0 25.1 75.3#
 148 0.0 32.9 98.6#

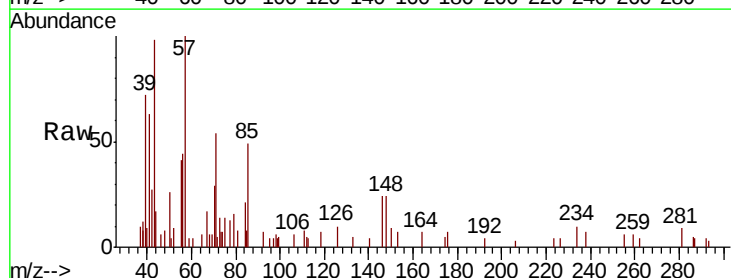


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

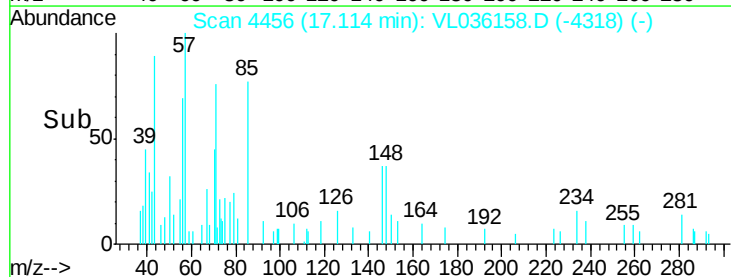
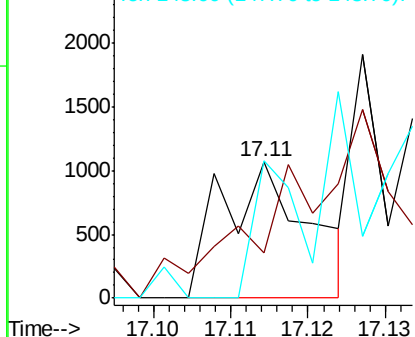


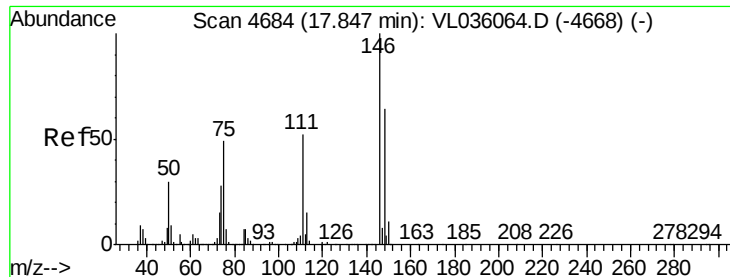
#76
 1,4-Dichlorobenzene
 Concen: 0.007 ppbv
 RT: 17.11 min Scan# 4456
 Delta R.T. -0.06 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

Tgt Ion:146 Resp: 828
 Ion Ratio Lower Upper
 146 100
 111 0.0 24.3 72.8#
 148 0.0 32.8 98.3#



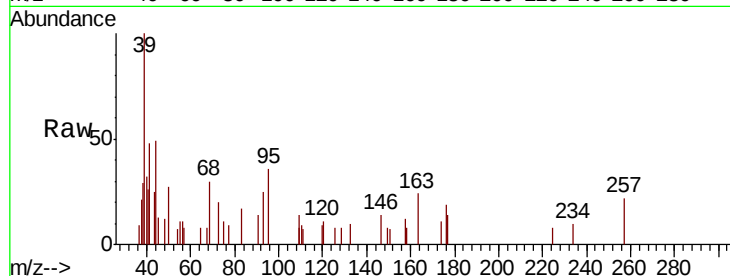
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V



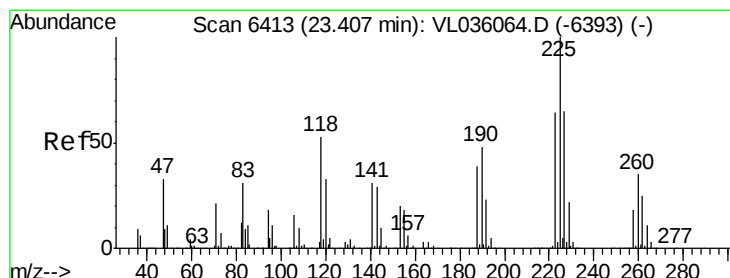
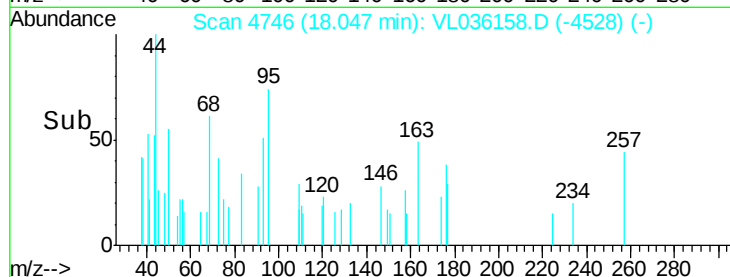
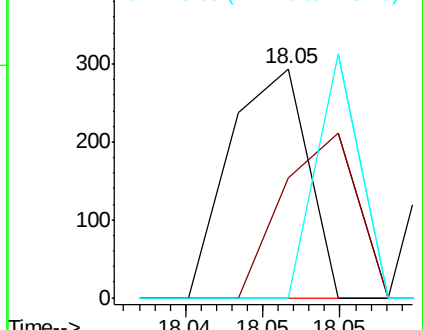


#77
 1,2-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 18.05 min Scan# 4746
 Delta R.T. 0.20 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

Tot Ion:146 Resp: 102
 Ion Ratio Lower Upper
 146 100
 111 68.6 26.1 78.2
 148 58.8 33.1 99.5

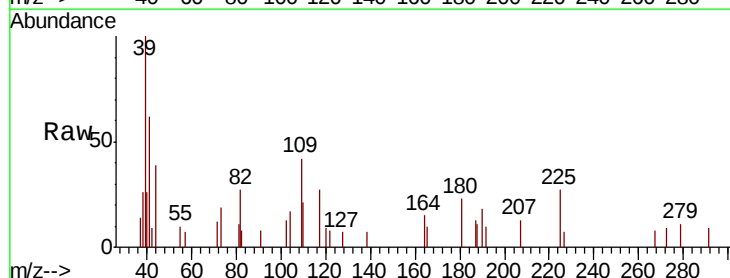


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

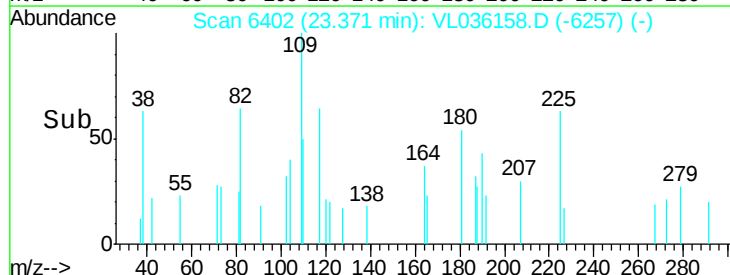
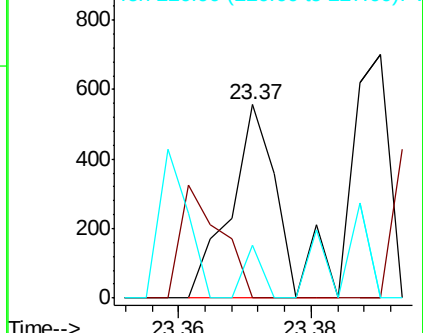


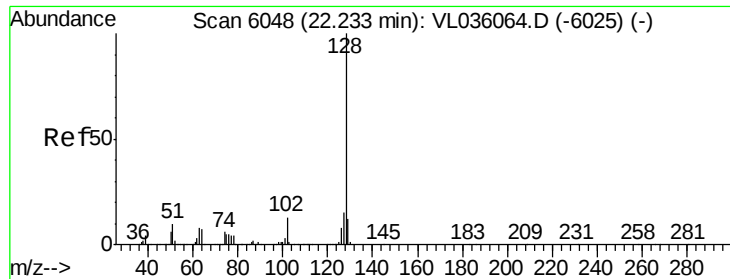
#78
 Hexachloro-1,3-Butadiene
 Concen: 0.003 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T. -0.04 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

Tgt Ion:225 Resp: 295
 Ion Ratio Lower Upper
 225 100
 223 46.4 51.1 76.7#
 227 74.9 51.7 77.5



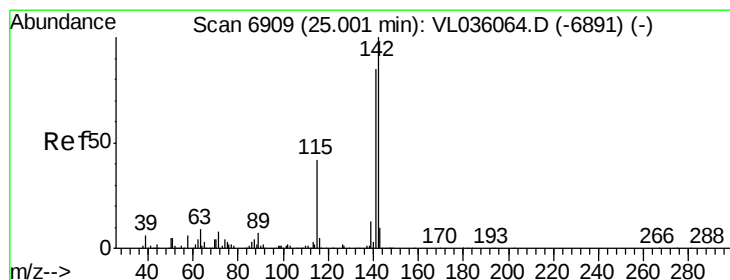
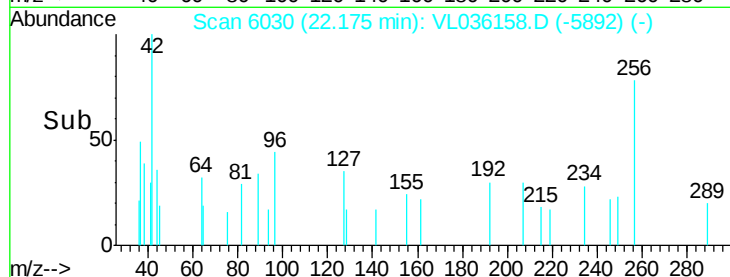
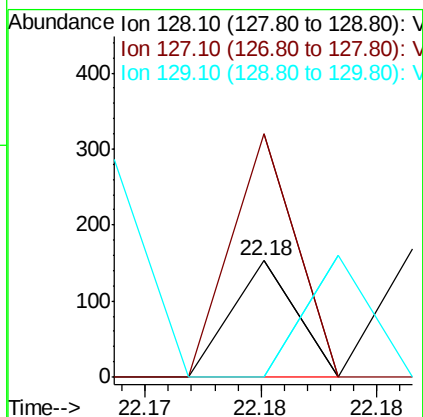
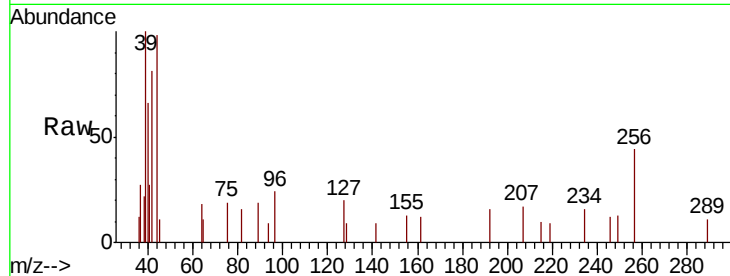
Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V





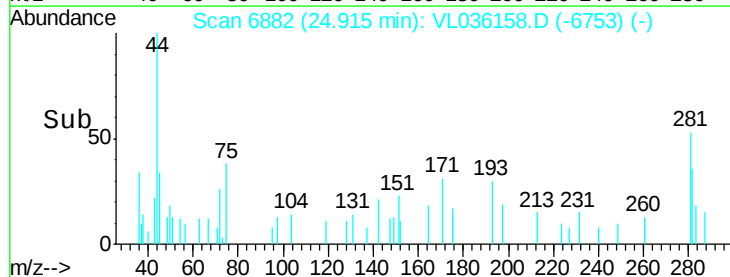
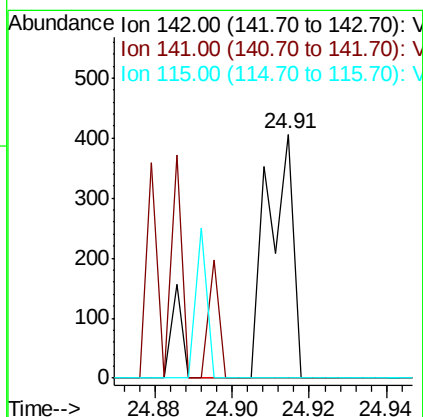
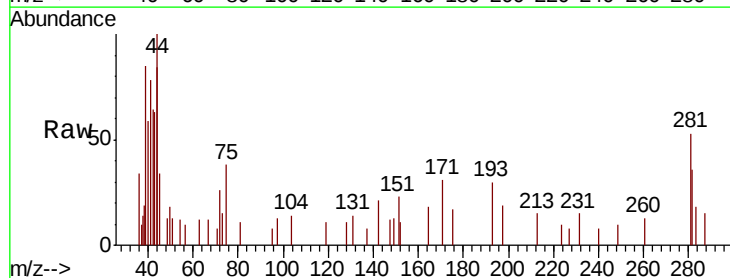
#79
Naphthalene
Concen: 0.000 ppbv
RT: 22.18 min Scan# 6030
Delta R.T. -0.06 min
Lab File: VL036158.D
Acq: 11 Dec 2020 10:39

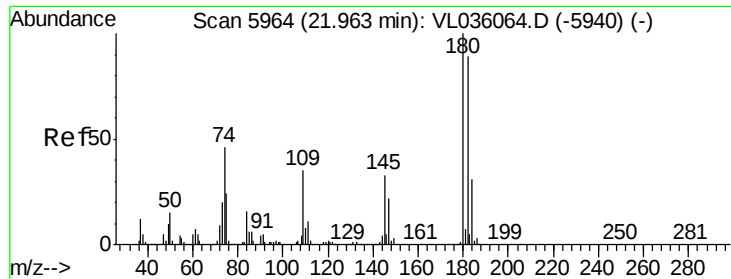
Tot Ion:128 Resp: 30
Ion Ratio Lower Upper
128 100
127 209.2 11.7 17.5#
129 0.0 9.3 13.9#



#80
Naphthalene, 2-methyl-
Concen: 0.007 ppbv
RT: 24.91 min Scan# 6882
Delta R.T. -0.09 min
Lab File: VL036158.D
Acq: 11 Dec 2020 10:39

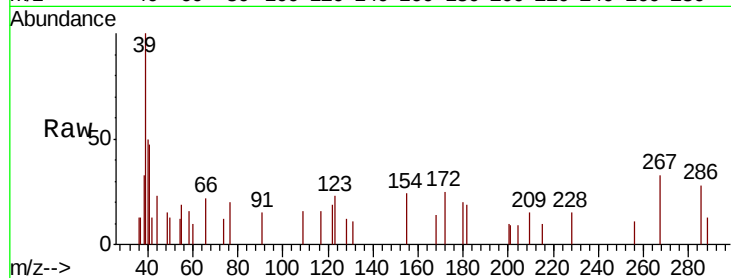
Tgt Ion:142 Resp: 186
Ion Ratio Lower Upper
142 100
141 96.2 64.3 96.5
115 0.0 33.9 50.9#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.002 ppbv
 RT: 21.91 min Scan# 5948
 Delta R.T. -0.05 min
 Lab File: VL036158.D
 Acq: 11 Dec 2020 10:39

Tot Ion	Ratio	Lower	Upper
180	100		
182	25.2	0.0	0.0#
184	0.0	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

