

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036143.D
 Acq On : 11 Dec 2020 00:48
 Operator : SY/AP
 Sample : L4948-16 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 14 22:12:20 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	1347450	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2651162	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2392397	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2039906	10.74	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.03	85	482927	3.075 ppbv	100
3) Chlorodifluoromethane	2.97	51	41350	0.269 ppbv	98
4) Chloromethane	3.12	50	1120	0.015 ppbv	100
5) Vinyl Chloride	3.24	62	61	0.001 ppbv #	1
6) Bromomethane	3.47	94	107	0.002 ppbv #	1
7) Chloroethane	3.53	64	82	0.003 ppbv #	40
9) Propene	3.01	41	42077m	0.546 ppbv	
10) Heptane	8.09	43	1358	0.007 ppbv #	29
11) Trichlorofluoromethane	3.94	101	2103	0.011 ppbv #	1
12) 1,1,2-Trichlorotrifluoroet	4.47	101	362	0.003 ppbv #	12
13) Ethanol	3.59	45	529294	49.855 ppbv	86
14) Bromoethene	3.72	108	93	0.002 ppbv #	4
15) Acetone	3.84	43	706211	4.361 ppbv	99
16) 1,3-Butadiene	3.32	39	814	0.010 ppbv #	42
17) tert-Butyl alcohol	4.28	59	2936	0.019 ppbv #	71
18) 1,1-Dichloroethene	4.28	96	5405m	0.097 ppbv	
19) Isopropyl Alcohol	3.96	45	206752	2.089 ppbv #	100
20) Methylene Chloride	4.33	84	67361m	1.015 ppbv	
21) Allvl Chloride	4.39	41	493	0.005 ppbv #	1
22) trans-1,2-Dichloroethene	4.87	96	1413	0.025 ppbv #	64
23) Vinyl Acetate	5.06	43	1486	0.007 ppbv #	59
24) 1,1-Dichloroethane	5.00	63	239184	1.577 ppbv	99
27) Carbon Disulfide	4.54	76	280	0.002 ppbv #	59
28) Methyl tert-Butyl Ether	5.01	73	80	0.000 ppbv #	51
29) Chloroform	5.74	83	26736m	0.140 ppbv	
31) cis-1,2-Dichloroethene	5.53	61	27380	0.207 ppbv #	87
32) 1,1,1-Trichloroethane	6.49	97	1946664	9.867 ppbv	96
35) Carbon Tetrachloride	6.57	117	633	0.004 ppbv #	85
36) Benzene	6.88	78	2542	0.011 ppbv #	57
38) Trichloroethene	7.82	130	518429	6.173 ppbv	92
40) 1,4-Dioxane	7.83	88	82009m	2.939 ppbv	
41) Tetrahydrofuran	6.03	42	1143	0.011 ppbv #	40
42) Bromodichloromethane	7.77	83	843	0.005 ppbv #	39
43) Methyl Methacrylate	7.98	69	84	0.001 ppbv #	1
44) 2,2,4-Trimethylpentane	7.85	57	10171	0.025 ppbv #	47
45) t-1,3-Dichloropropene	9.67	75	188	0.002 ppbv	95
46) cis-1,3-Dichloropropene	8.68	75	107	0.001 ppbv #	20
47) 1,1,2-Trichloroethane	9.45	97	282	0.003 ppbv #	14
48) Dibromochloromethane	10.28	129	197	0.002 ppbv	83
49) Bromoform	13.24	173	65	0.001 ppbv	96
50) 4-Methyl-2-Pentanone	8.73	43	1313	0.005 ppbv #	40

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

Response via : Initial Calibration

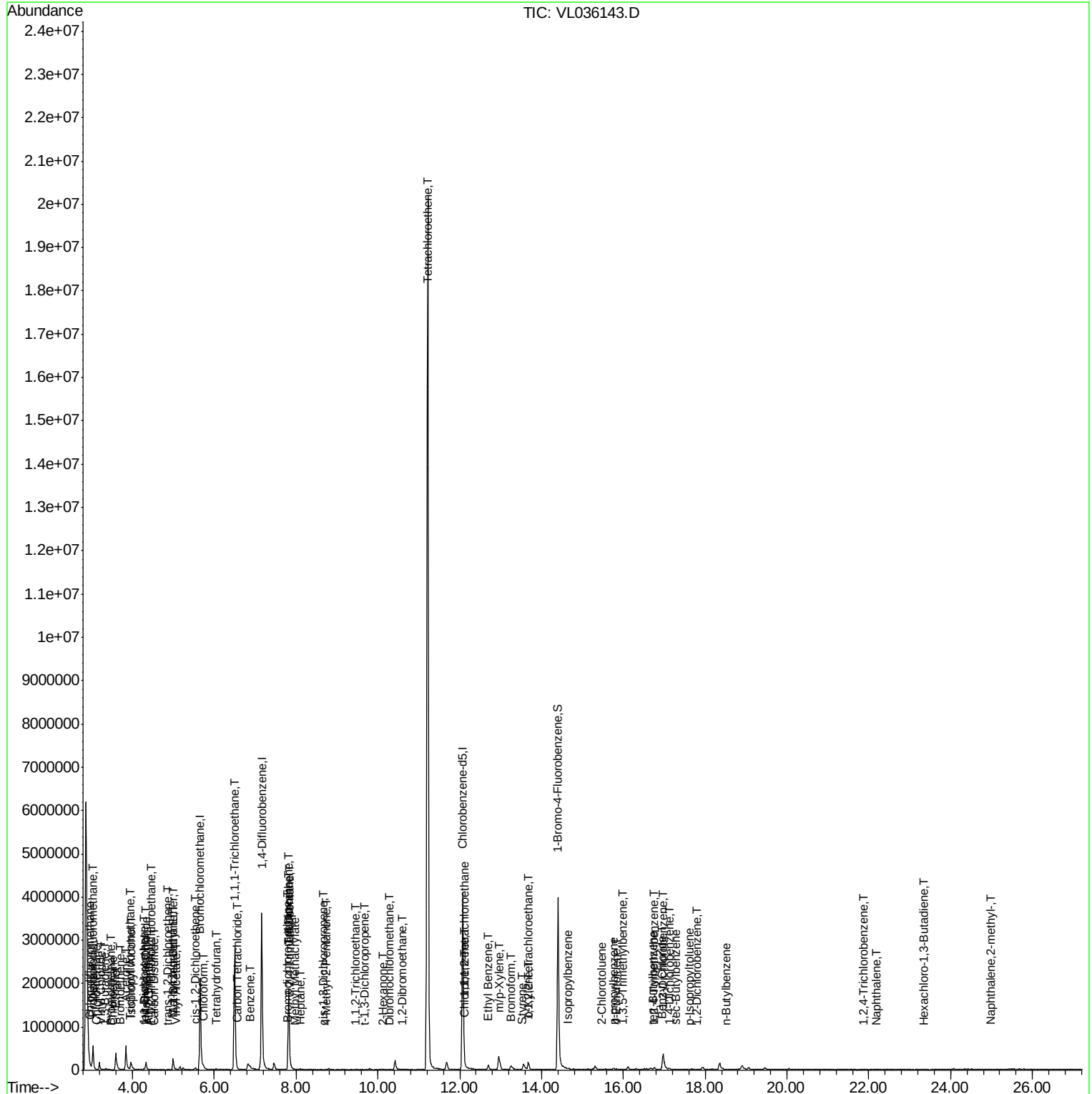
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

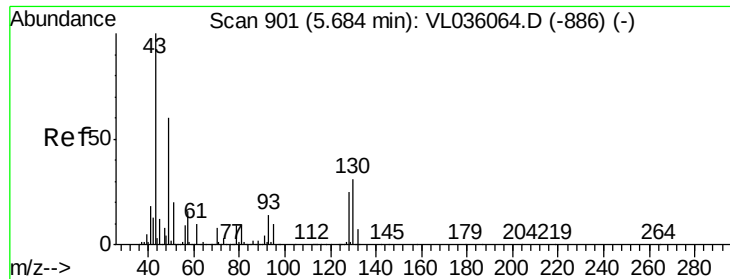
51) 2-Hexanone	10.10	43	385	0.002	ppbv #	29
52) Tetrachloroethene	11.22	164	5293978	65.089	ppbv	96
54) 1,2-Dibromoethane	10.59	107	256	0.002	ppbv #	30
56) 1,1,1,2-Tetrachloroethane	12.11	131	418	0.004	ppbv #	8
57) Chlorobenzene	12.13	112	856	0.005	ppbv #	27
58) Ethyl Benzene	12.70	91	87957m	0.268	ppbv	
59) m/p-Xylene	12.95	91	325562m	1.179	ppbv	
60) o-Xylene	13.67	91	112194	0.431	ppbv	100
61) Styrene	13.52	104	445	0.003	ppbv #	25
62) Isopropylbenzene	14.65	105	9666	0.025	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	13.66	83	335	0.002	ppbv #	25
64) n-propylbenzene	15.74	120	913	0.010	ppbv	74
65) tert-Butylbenzene	16.73	119	604	0.002	ppbv #	15
66) Benzyl Chloride	16.94	91	110	0.001	ppbv #	1
67) sec-Butylbenzene	17.28	105	765	0.002	ppbv #	60
69) p-Isopropyltoluene	17.62	119	245	0.001	ppbv #	46
70) n-Butylbenzene	18.52	91	175	0.001	ppbv #	1
71) 2-Chlorotoluene	15.45	91	715	0.002	ppbv	90
72) 4-Ethyltoluene	15.82	105	5424	0.019	ppbv #	13
73) 1,3,5-Trimethylbenzene	15.98	105	1513	0.006	ppbv #	52
74) 1,2,4-Trimethylbenzene	16.73	105	2592	0.010	ppbv #	71
75) 1,3-Dichlorobenzene	16.97	146	311	0.002	ppbv #	1
76) 1,4-Dichlorobenzene	17.13	146	521	0.004	ppbv #	1
77) 1,2-Dichlorobenzene	17.80	146	122	0.001	ppbv #	21
78) Hexachloro-1,3-Butadiene	23.34	225	107	0.001	ppbv #	18
79) Naphthalene	22.16	128	372	0.003	ppbv #	75
80) Naphthalene,2-methyl-	24.98	142	96	0.003	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.88	180	84	0.001	ppbv #	100

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

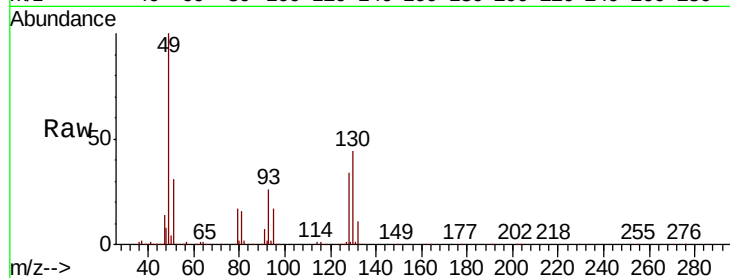
Delta R.T. -0.04 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

Tot Ion: 49 Resp: 1347450

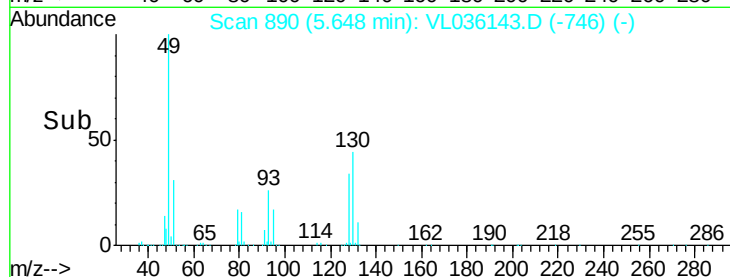
Ion	Ratio	Lower	Upper
49	100		
128	35.2	21.1	63.1
130	44.3	27.1	81.3



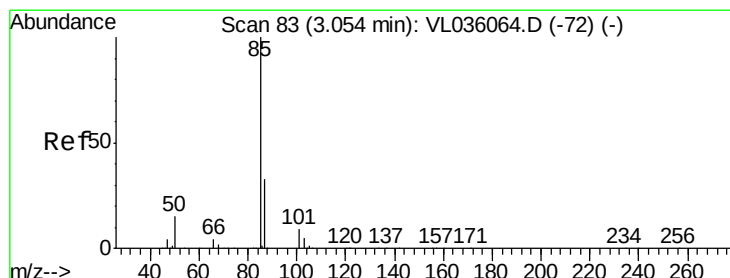
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time--> 5.55 5.60 5.65 5.70 5.75



#2

Dichlorodifluoromethane

Concen: 3.075 ppbv

RT: 3.03 min Scan# 76

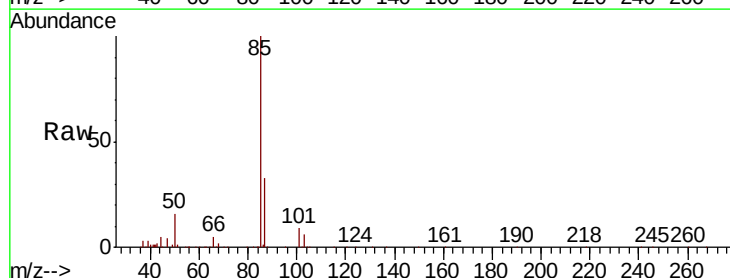
Delta R.T. -0.02 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

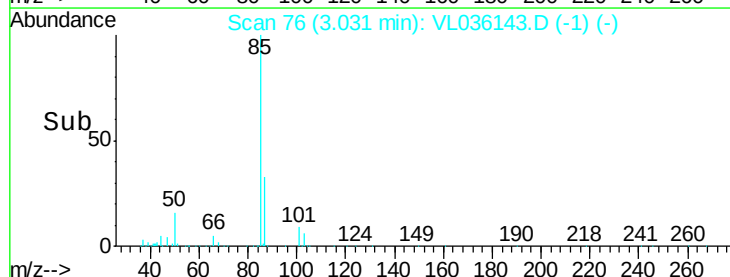
Tgt Ion: 85 Resp: 482927

Ion	Ratio	Lower	Upper
85	100		
87	33.2	26.5	39.7

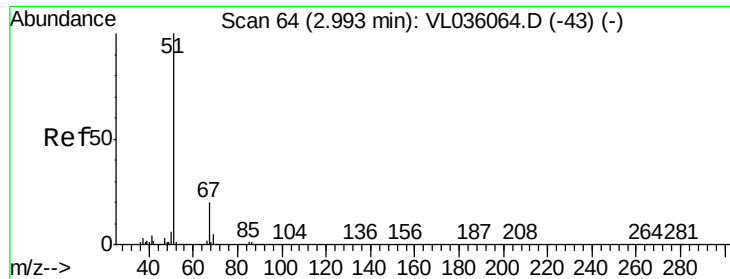


Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0



Time--> 3.00 3.05 3.10



#3

Chlorodifluoromethane

Concen: 0.269 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.02 min

Lab File: VL036143.D

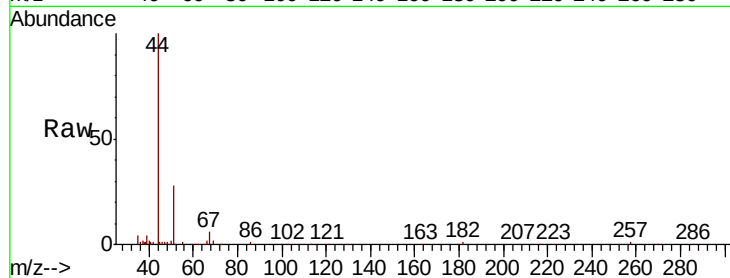
Acq: 11 Dec 2020 00:48

Tot Ion: 51 Resp: 41350

Ion Ratio Lower Upper

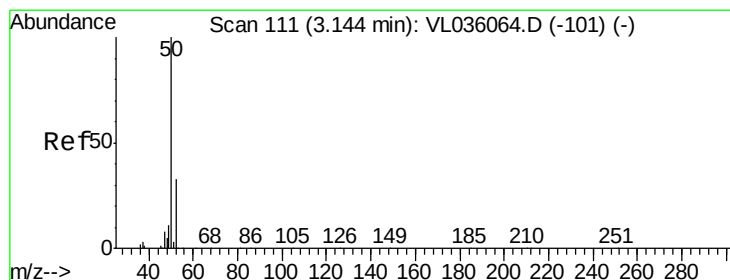
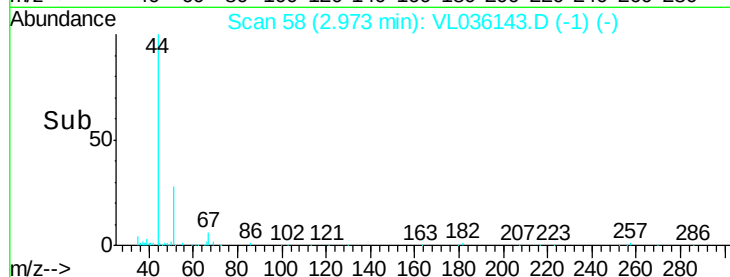
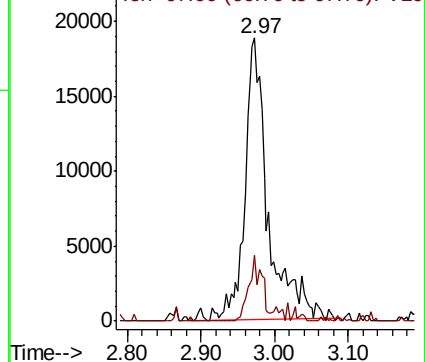
51 100

67 16.8 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: 0.015 ppbv

RT: 3.12 min Scan# 103

Delta R.T. -0.03 min

Lab File: VL036143.D

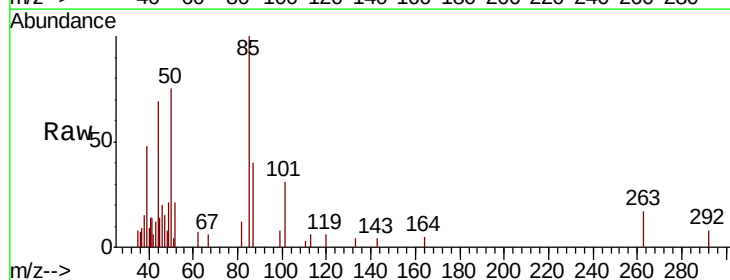
Acq: 11 Dec 2020 00:48

Tgt Ion: 50 Resp: 1120

Ion Ratio Lower Upper

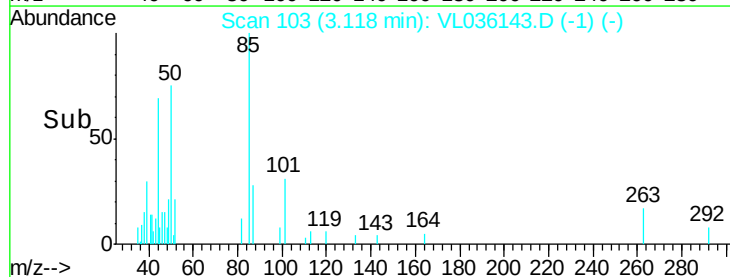
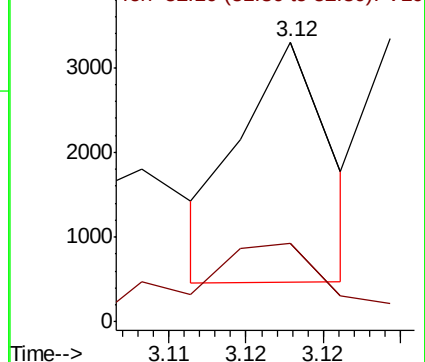
50 100

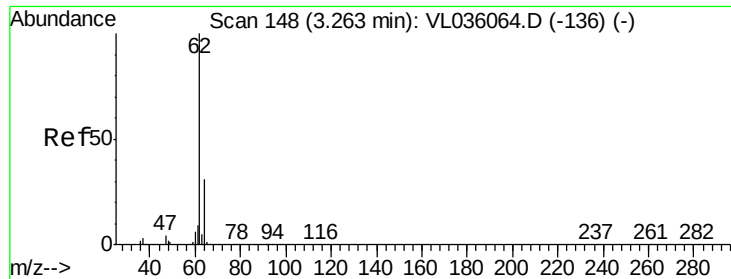
52 32.6 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.001 ppbv

RT: 3.24 min Scan# 142

Delta R.T. -0.02 min

Lab File: VL036143.D

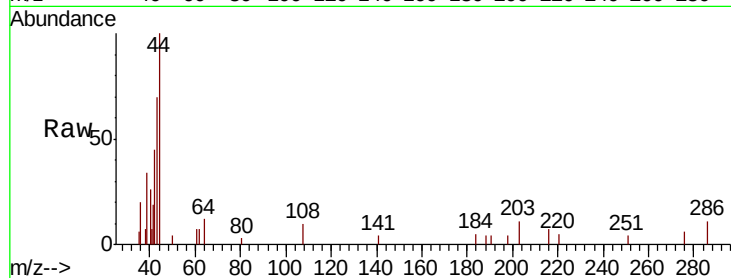
Acq: 11 Dec 2020 00:48

Tot Ion: 62 Resp: 61

Ion Ratio Lower Upper

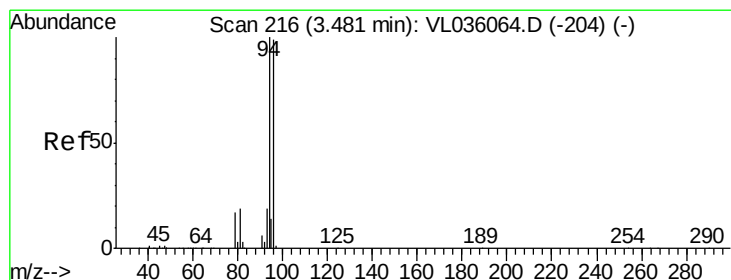
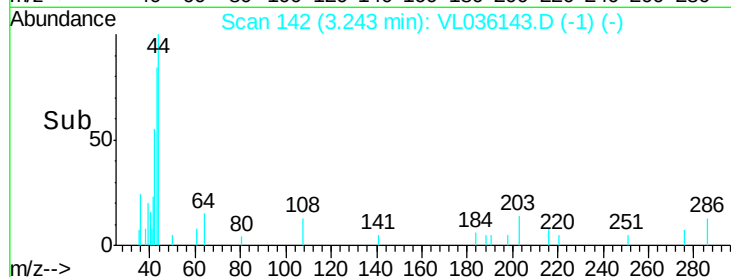
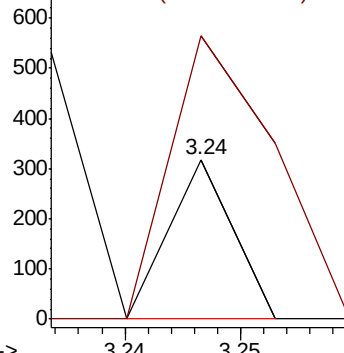
62 100

64 177.4 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: 0.002 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.01 min

Lab File: VL036143.D

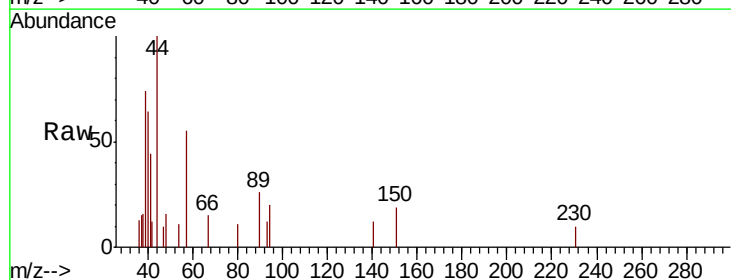
Acq: 11 Dec 2020 00:48

Tgt Ion: 94 Resp: 107

Ion Ratio Lower Upper

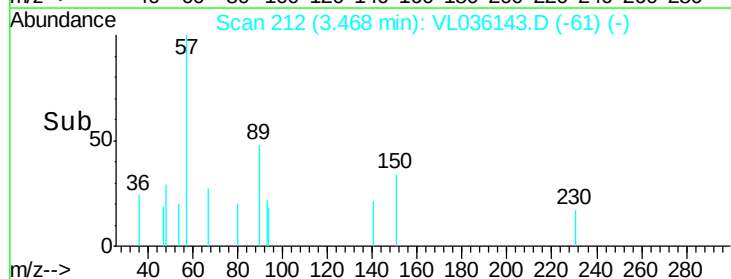
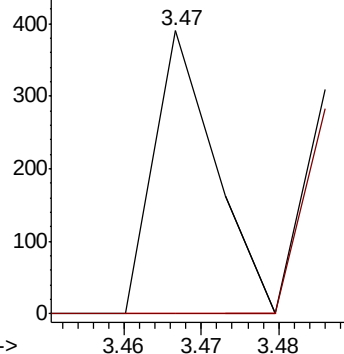
94 100

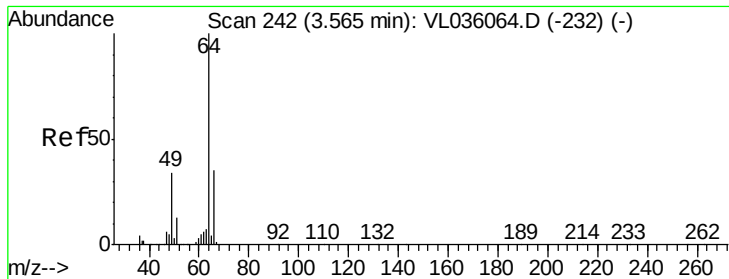
96 0.0 79.4 119.0#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.003 ppbv

RT: 3.53 min Scan# 230

Delta R.T. -0.04 min

Lab File: VL036143.D

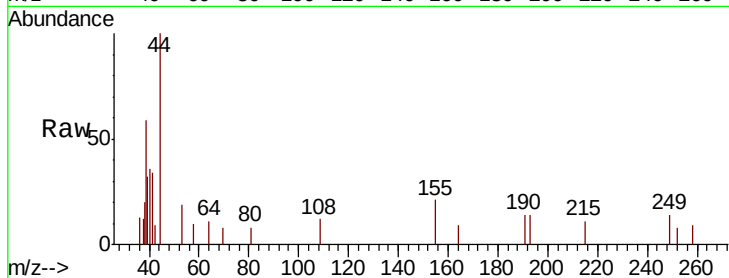
Acq: 11 Dec 2020 00:48

Tot Ion: 64 Resp: 82

Ion Ratio Lower Upper

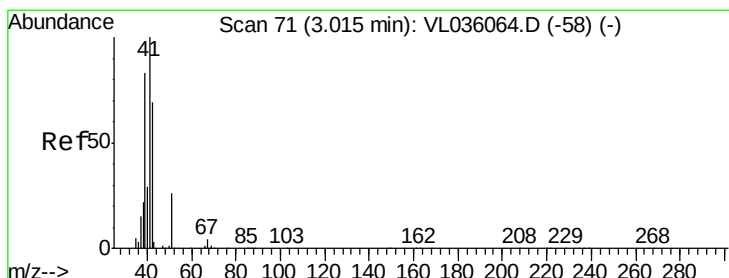
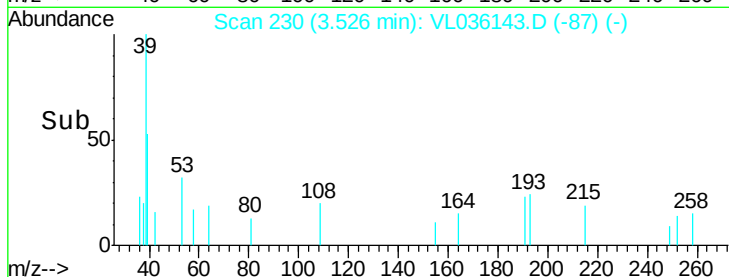
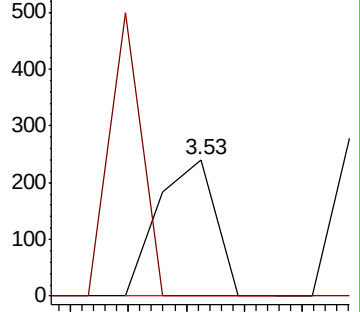
64 100

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: 0.546 ppbv m

RT: 3.01 min Scan# 68

Delta R.T. -0.01 min

Lab File: VL036143.D

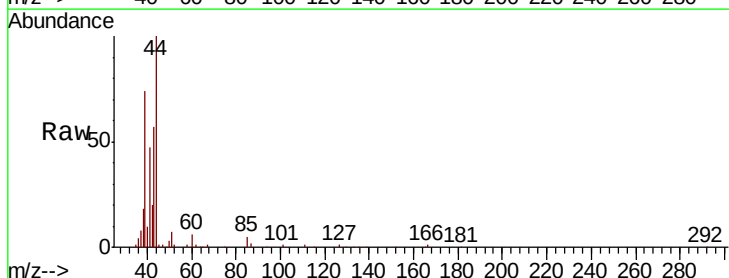
Acq: 11 Dec 2020 00:48

Tgt Ion: 41 Resp: 42077

Ion Ratio Lower Upper

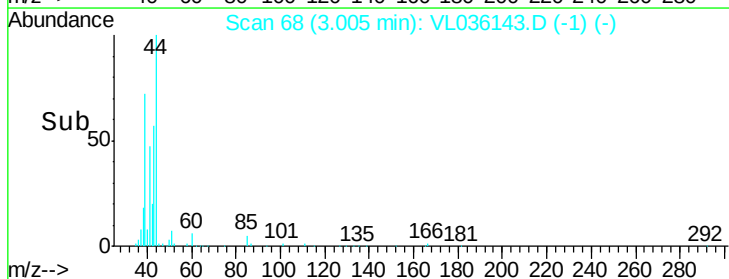
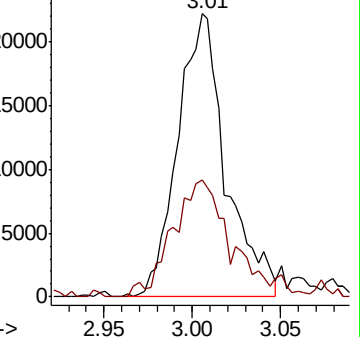
41 100

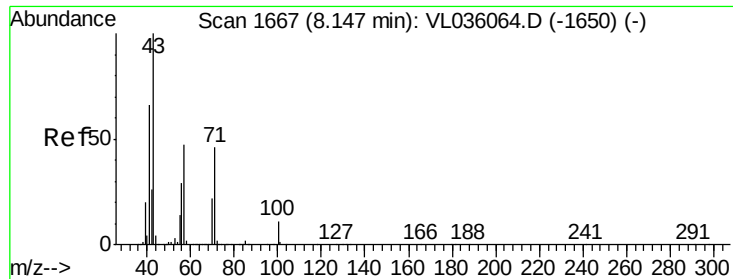
42 52.8 57.0 85.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.007 ppbv

RT: 8.09 min Scan# 1649

Delta R.T. -0.06 min

Lab File: VL036143.D

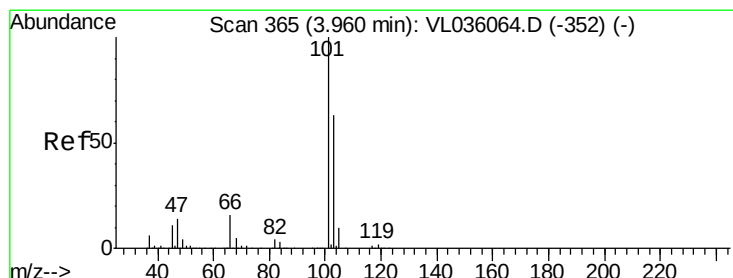
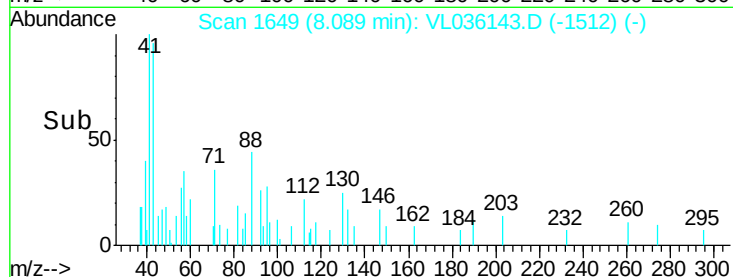
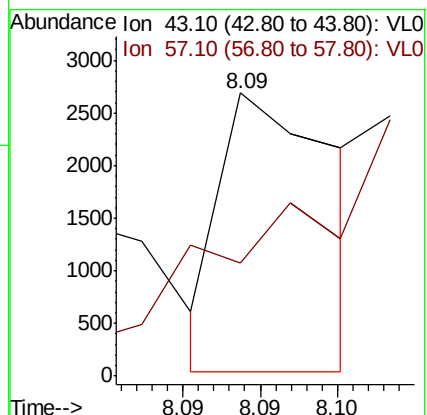
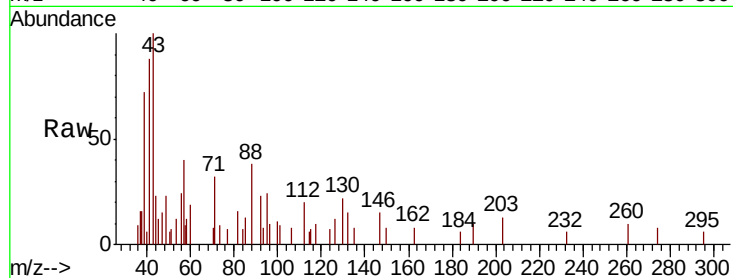
Acq: 11 Dec 2020 00:48

Tot Ion: 43 Resp: 1358

Ion Ratio Lower Upper

43 100

57 0.0 37.9 56.9#



#11

Trichlorofluoromethane

Concen: 0.011 ppbv

RT: 3.94 min Scan# 358

Delta R.T. -0.02 min

Lab File: VL036143.D

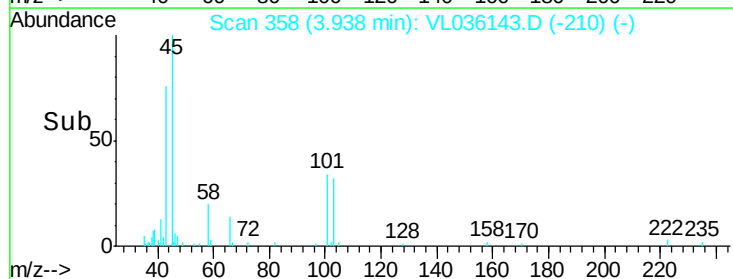
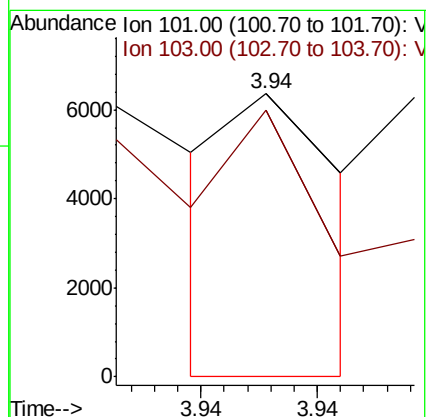
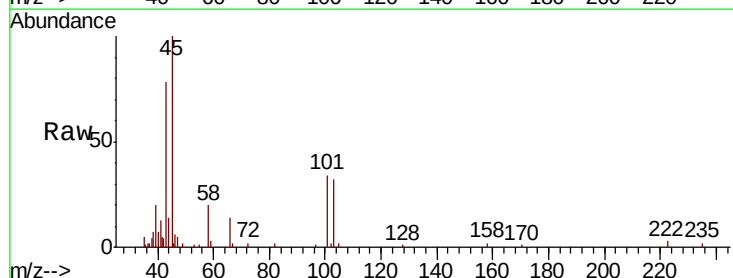
Acq: 11 Dec 2020 00:48

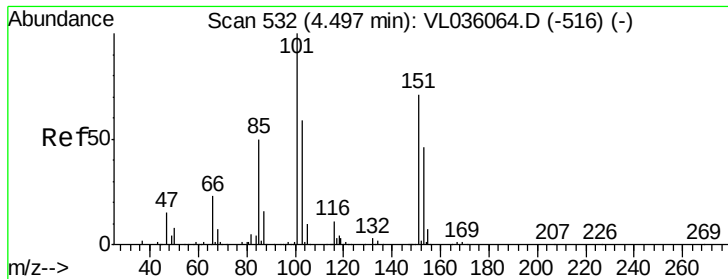
Tgt Ion: 101 Resp: 2103

Ion Ratio Lower Upper

101 100

103 183.6 50.3 75.5#





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.003 ppbv

RT: 4.47 min Scan# 524

Delta R.T. -0.03 min

Lab File: VL036143.D

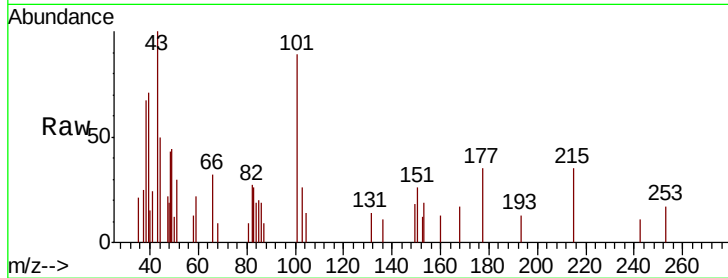
Acq: 11 Dec 2020 00:48

Tot Ion: 101 Resp: 362

Ion Ratio Lower Upper

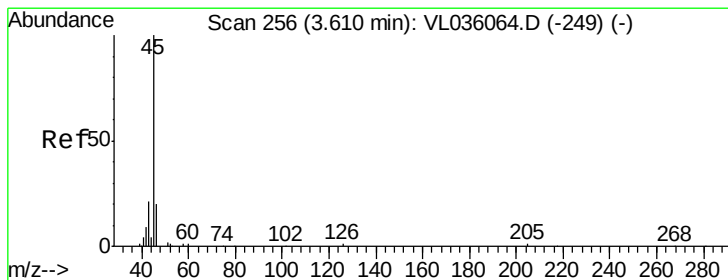
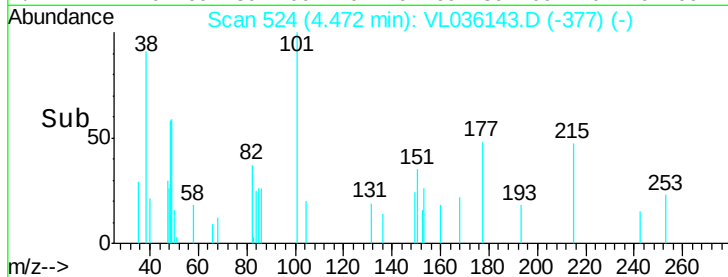
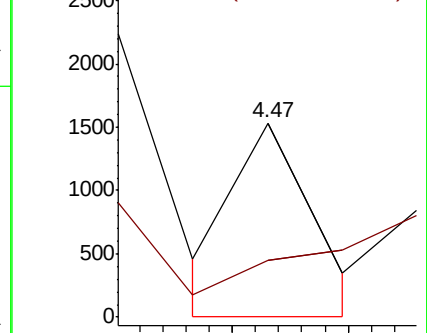
101 100

151 0.0 59.3 88.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 49.855 ppbv

RT: 3.59 min Scan# 249

Delta R.T. -0.02 min

Lab File: VL036143.D

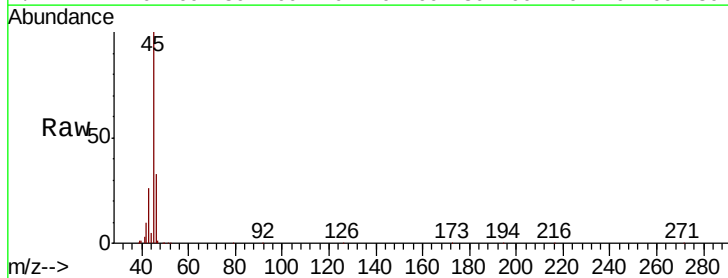
Acq: 11 Dec 2020 00:48

Tgt Ion: 45 Resp: 529294

Ion Ratio Lower Upper

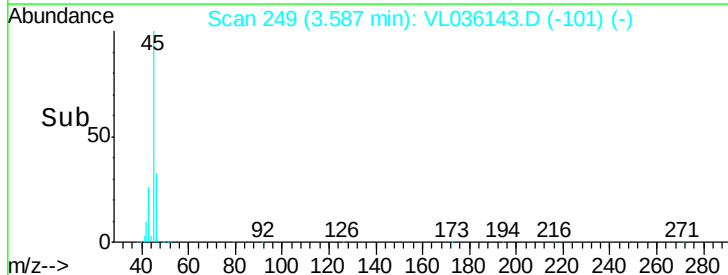
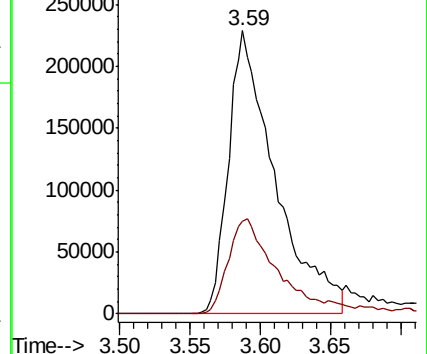
45 100

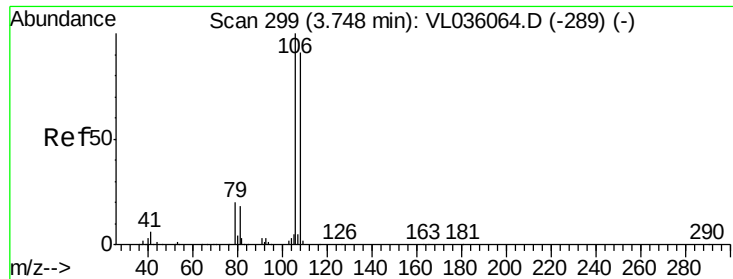
46 37.7 19.0 75.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#14

Bromoethene

Concen: 0.002 ppbv

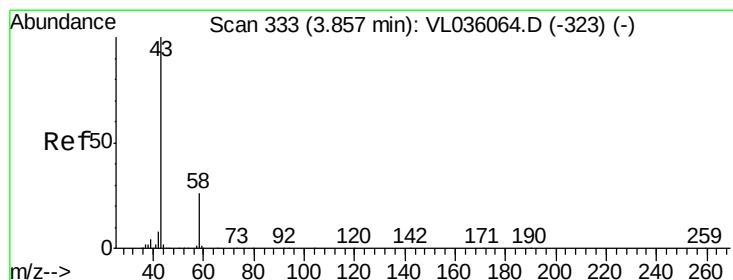
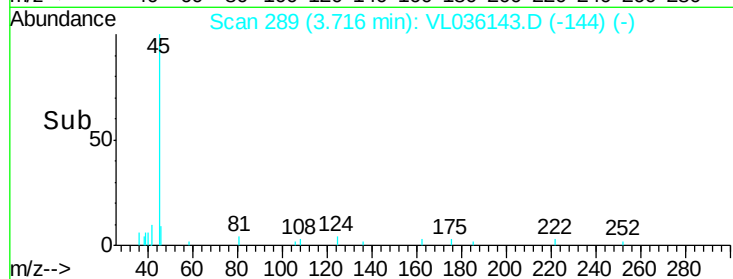
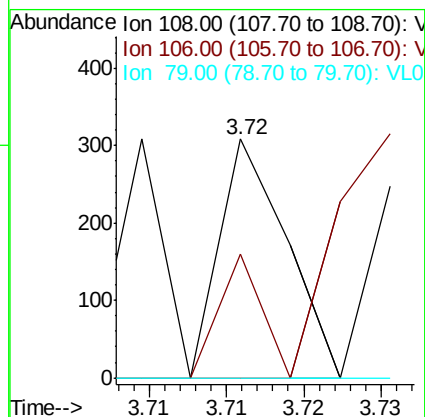
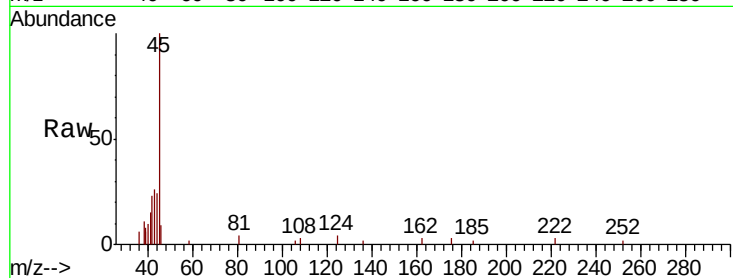
RT: 3.72 min Scan# 289

Delta R.T. -0.03 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

Tot Ion:	108	Resp:	93
Ion	Ratio	Lower	Upper
108	100		
106	0.0	91.0	136.4#
79	0.0	19.3	28.9#



#15

Acetone

Concen: 4.361 ppbv

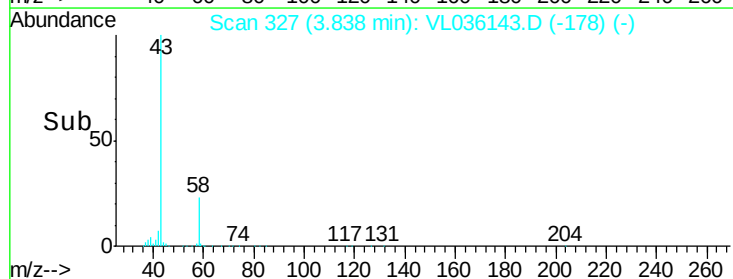
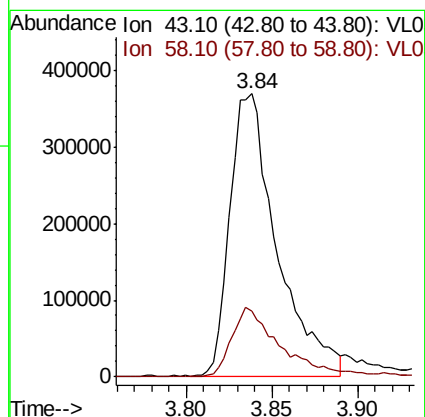
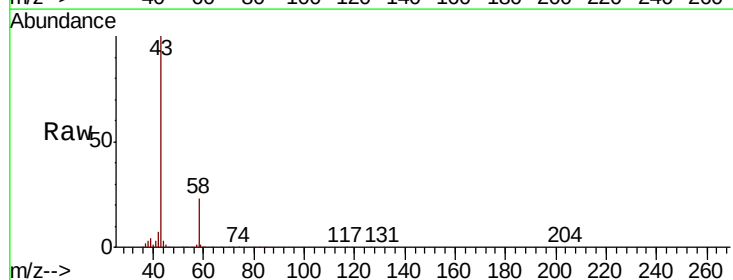
RT: 3.84 min Scan# 327

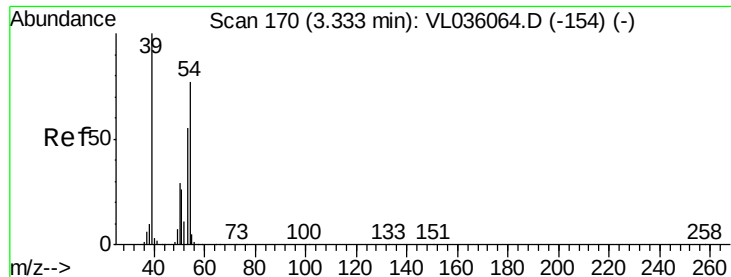
Delta R.T. -0.02 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

Tgt Ion:	43	Resp:	706211
Ion	Ratio	Lower	Upper
43	100		
58	26.4	20.9	31.3





#16

1,3-Butadiene

Concen: 0.010 ppbv

RT: 3.32 min Scan# 165

Delta R.T. -0.02 min

Lab File: VL036143.D

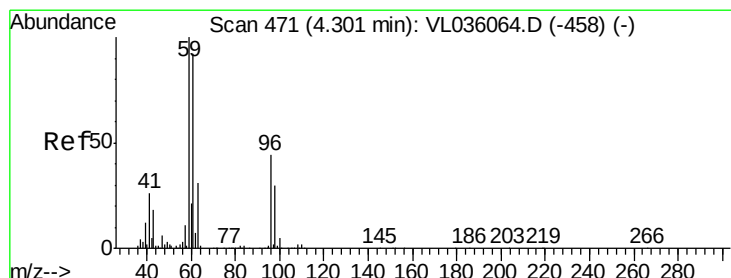
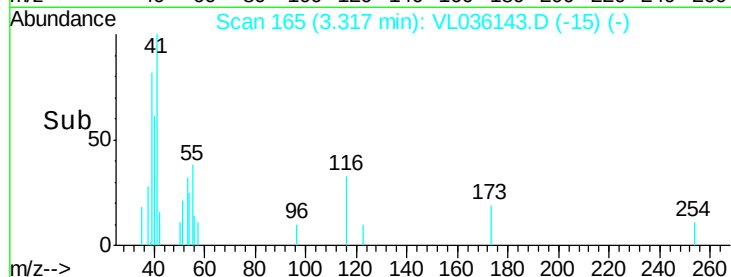
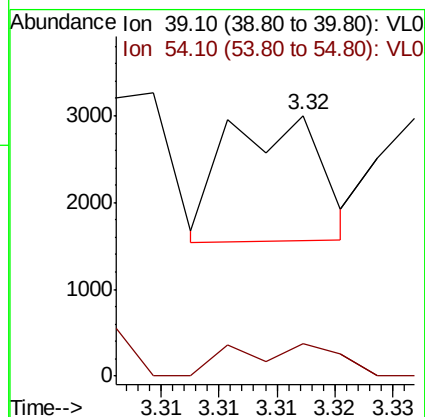
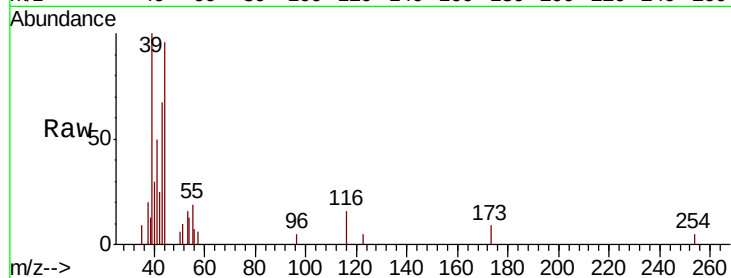
Acq: 11 Dec 2020 00:48

Tot Ion: 39 Resp: 814

Ion Ratio Lower Upper

39 100

54 27.6 62.1 93.1#



#17

tert-Butyl alcohol

Concen: 0.019 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.02 min

Lab File: VL036143.D

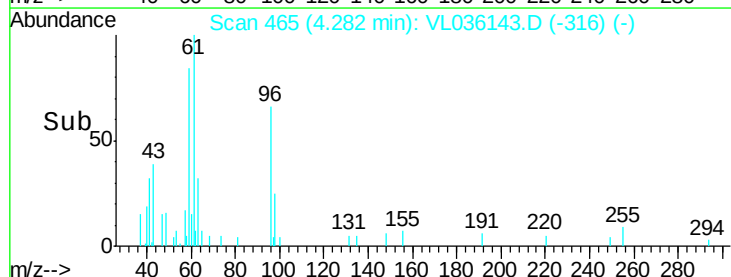
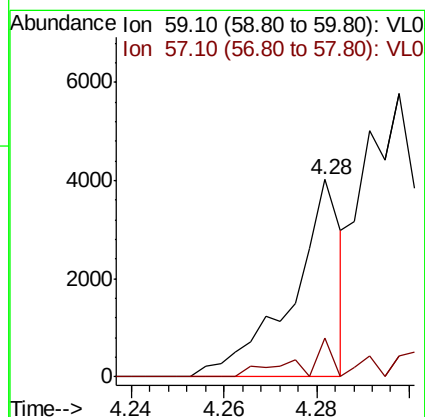
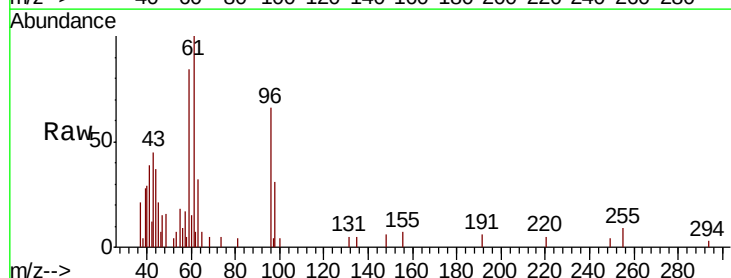
Acq: 11 Dec 2020 00:48

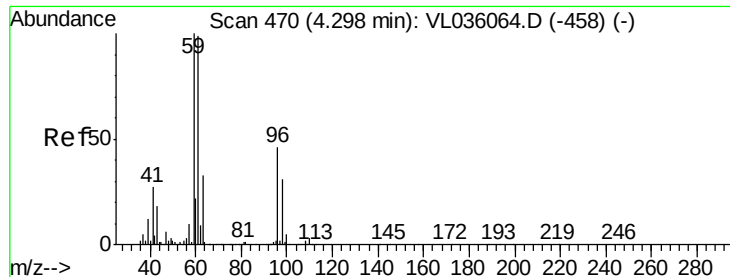
Tgt Ion: 59 Resp: 2936

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#





#18

1,1-Dichloroethene

Concen: 0.097 ppbv

RT: 4.28 min Scan# 463

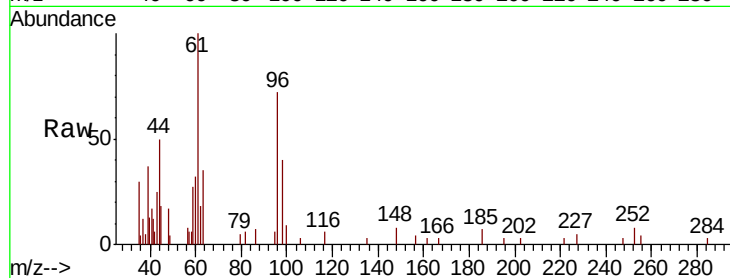
Delta R.T. -0.02 min

Lab File: VL036143.D

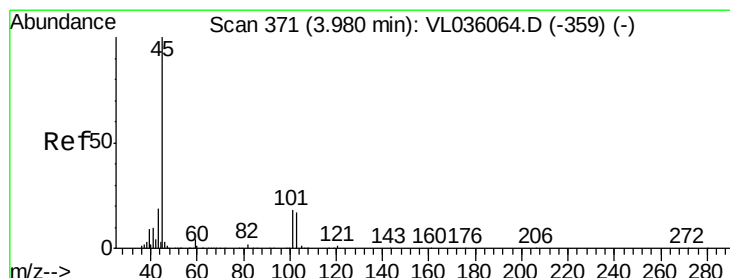
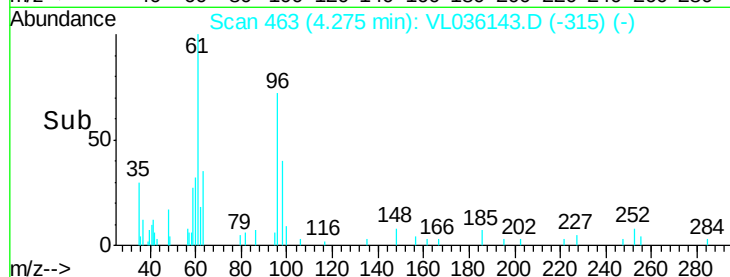
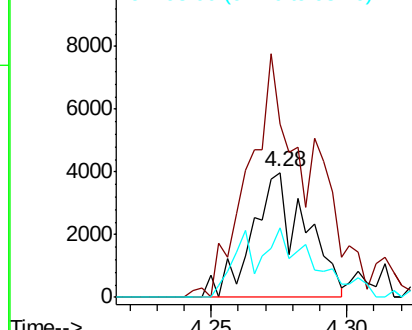
Acq: 11 Dec 2020 00:48

Tot Ion: 96 Resp: 5405

Ion	Ratio	Lower	Upper
96	100		
61	138.1	171.4	257.2#
98	55.4	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: 2.089 ppbv

RT: 3.96 min Scan# 364

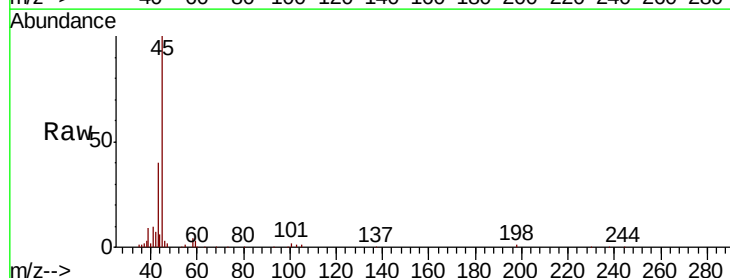
Delta R.T. -0.02 min

Lab File: VL036143.D

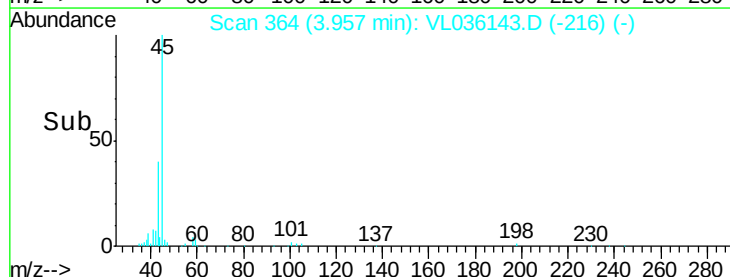
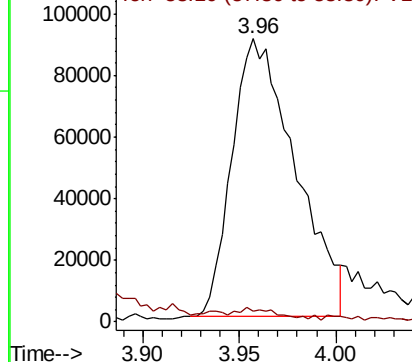
Acq: 11 Dec 2020 00:48

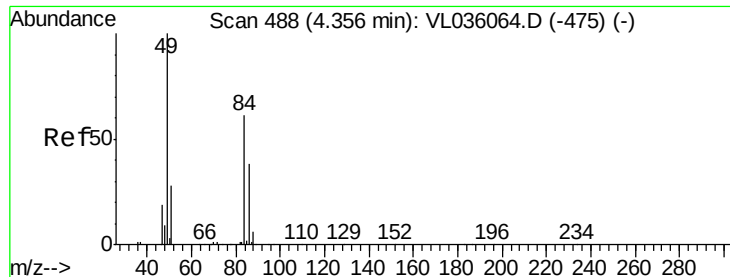
Tgt Ion: 45 Resp: 206752

Ion	Ratio	Lower	Upper
45	100		
58	4.0	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: 1.015 ppbv

RT: 4.33 min Scan# 479

Delta R.T. -0.03 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

Tot Ion: 84 Resp: 67361

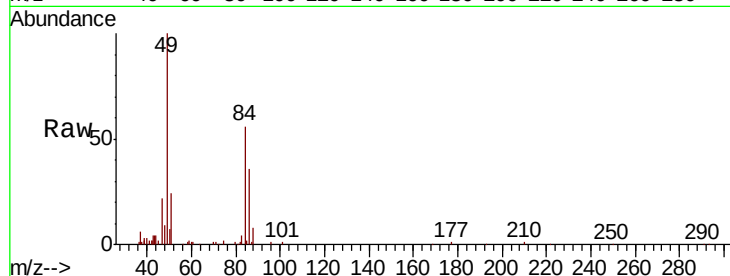
Ion Ratio Lower Upper

84 100

49 177.4 133.0 199.4

51 42.3 38.9 58.3

86 63.4 48.8 73.2

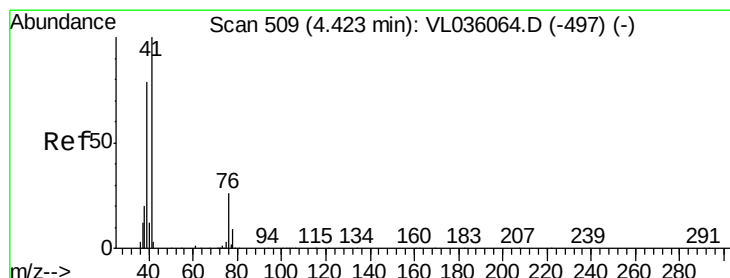
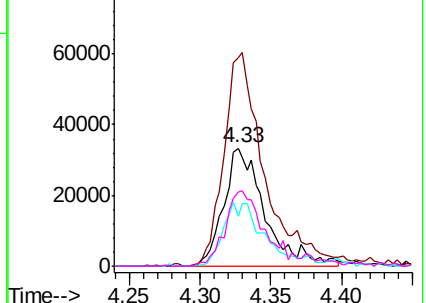
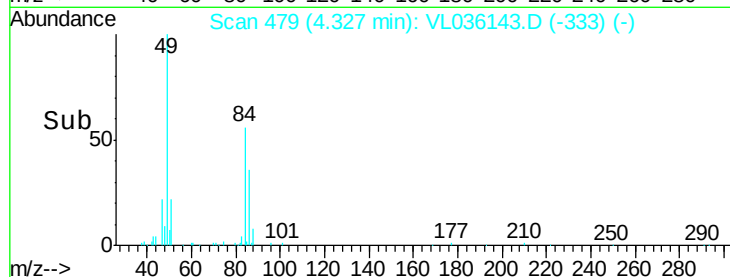


Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 0.005 ppbv

RT: 4.39 min Scan# 500

Delta R.T. -0.03 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

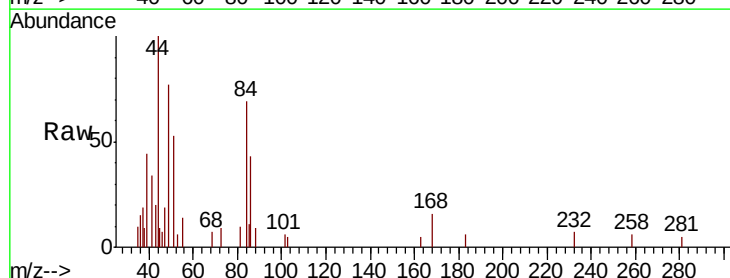
Tgt Ion: 41 Resp: 493

Ion Ratio Lower Upper

41 100

76 0.0 21.0 31.4#

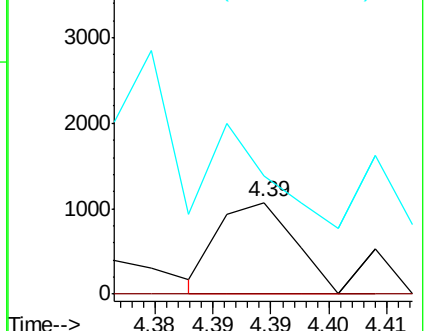
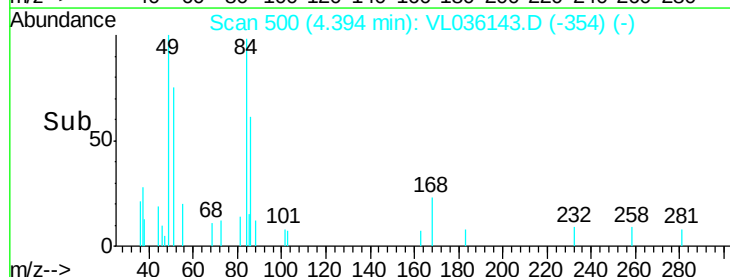
39 911.4 66.0 99.0#

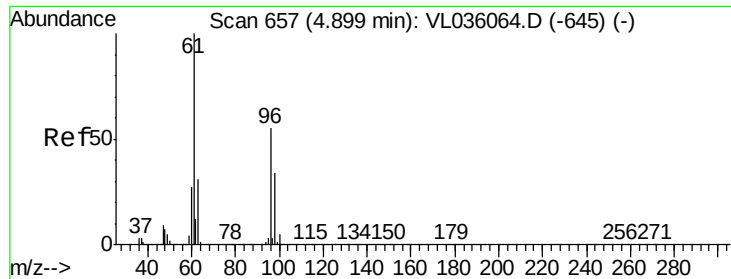


Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0





#22

trans-1,2-Dichloroethene

Concen: 0.025 ppbv

RT: 4.87 min Scan# 647

Delta R.T. -0.03 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

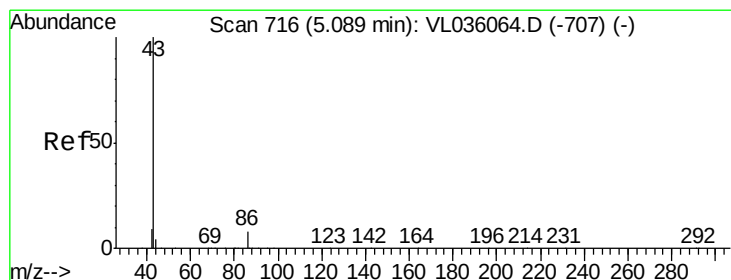
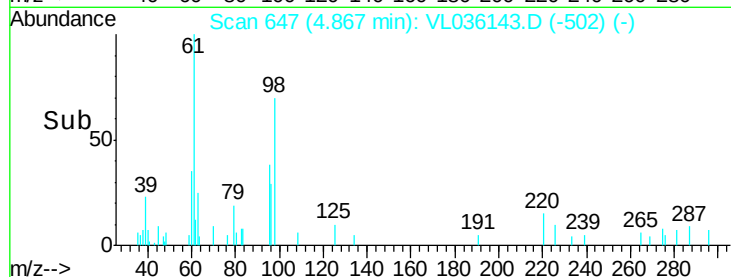
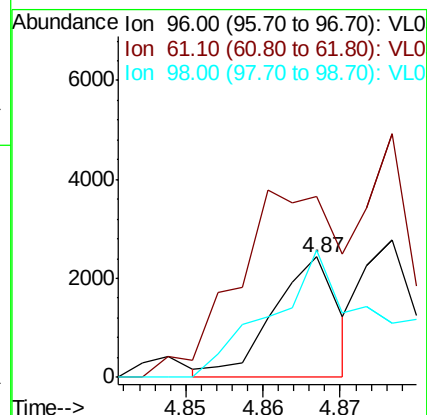
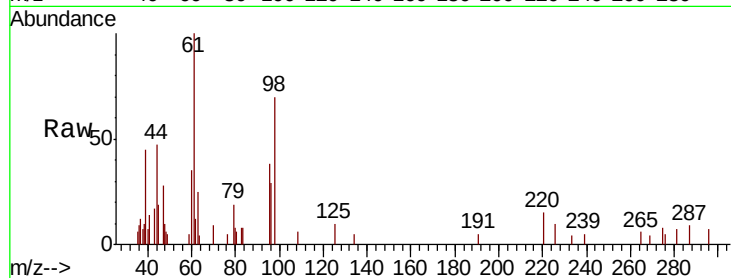
Tot Ion: 96 Resp: 1413

Ion Ratio Lower Upper

96 100

61 145.8 145.7 218.5

98 113.1 49.2 73.8#



#23

Vinyl Acetate

Concen: 0.007 ppbv

RT: 5.06 min Scan# 707

Delta R.T. -0.03 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

Tgt Ion: 43 Resp: 1486

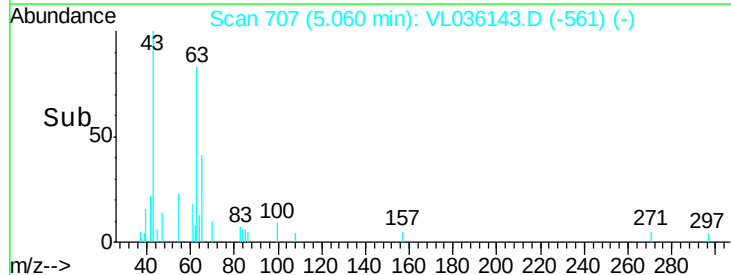
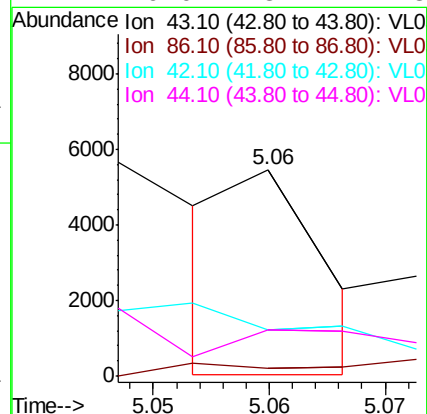
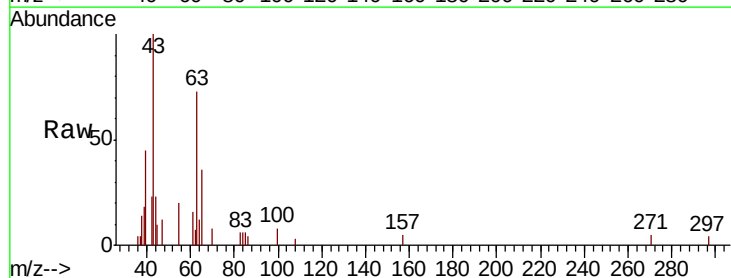
Ion Ratio Lower Upper

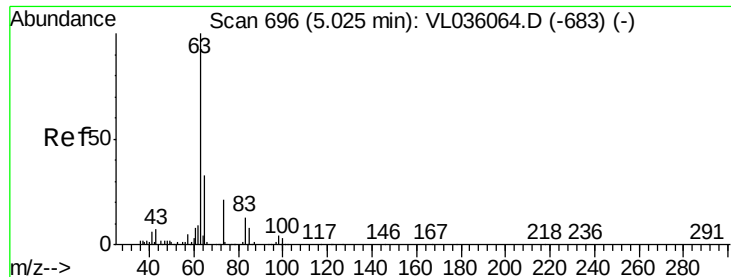
43 100

86 0.0 5.0 7.4#

42 0.0 7.8 11.6#

44 40.0 3.2 4.8#





#24

1,1-Dichloroethane

Concen: 1.577 ppbv

RT: 5.00 min Scan# 687

Delta R.T. -0.03 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

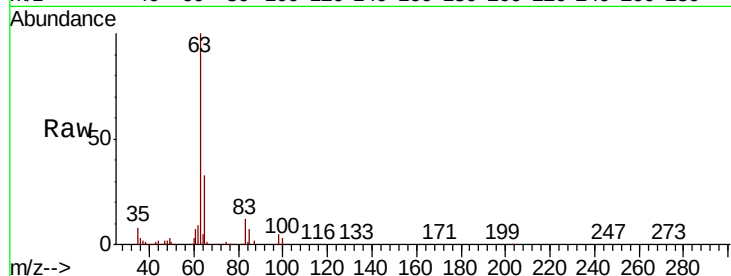
Tot Ion: 63 Resp: 239184

Ion Ratio Lower Upper

63 100

98 4.8 2.2 6.6

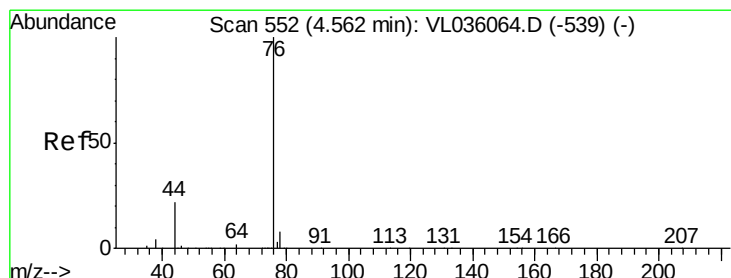
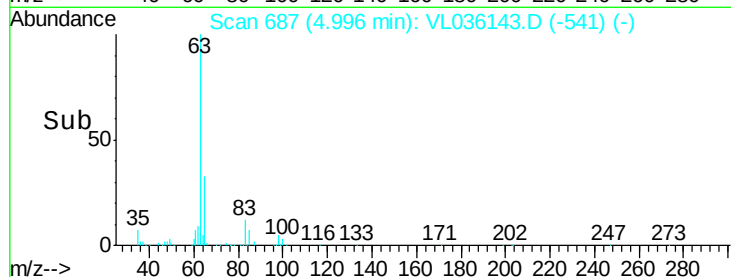
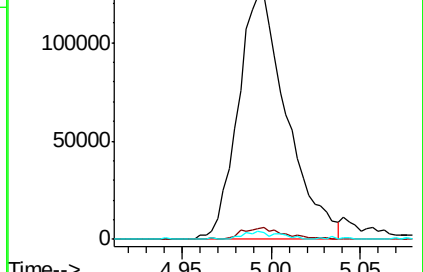
100 2.6 1.5 4.4



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



#27

Carbon Disulfide

Concen: 0.002 ppbv

RT: 4.54 min Scan# 545

Delta R.T. -0.02 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

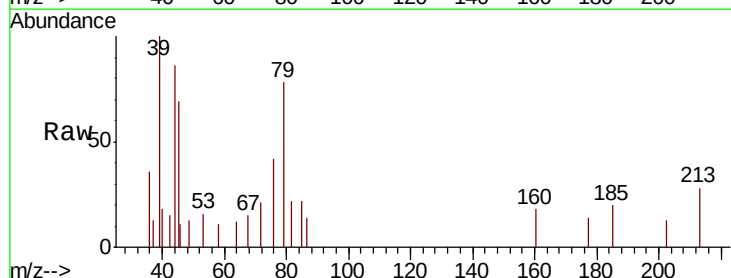
Tgt Ion: 76 Resp: 280

Ion Ratio Lower Upper

76 100

44 0.0 17.9 26.9#

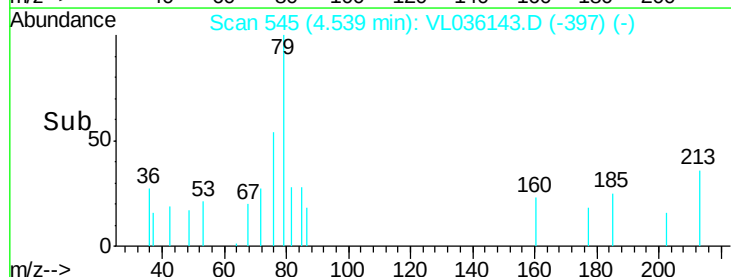
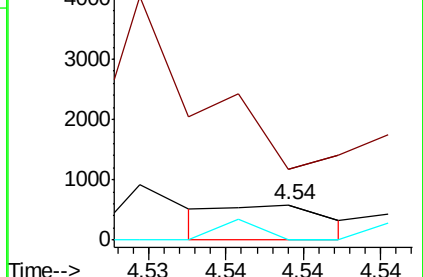
78 0.0 7.8 11.8#

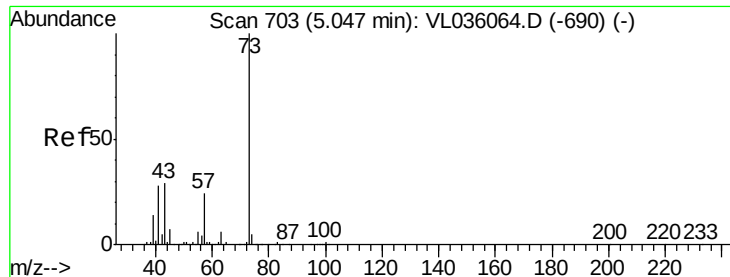


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

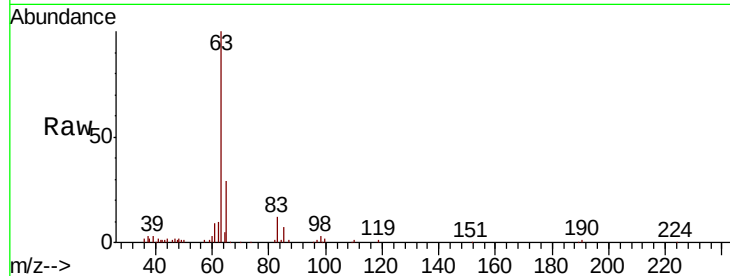




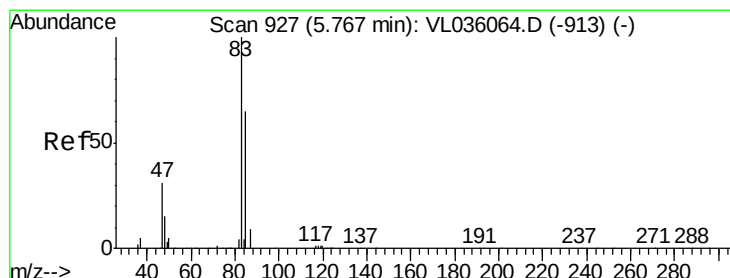
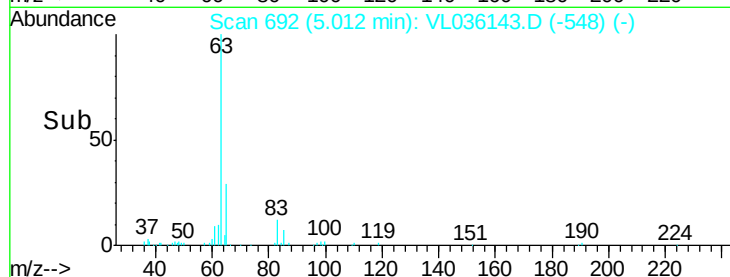
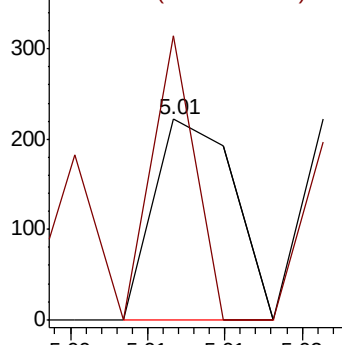
#28

Methyl tert-Butyl Ether
 Concen: 0.000 ppbv
 RT: 5.01 min Scan# 692
 Delta R.T. -0.04 min
 Lab File: VL036143.D
 Acq: 11 Dec 2020 00:48

Tot Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.2	28.8



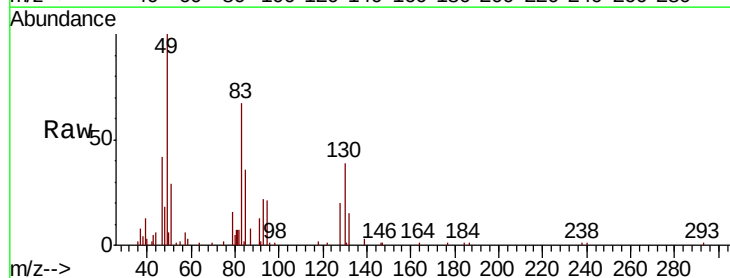
Abundance Ion 73.10 (72.80 to 73.80): VL0
 Ion 57.10 (56.80 to 57.80): VL0



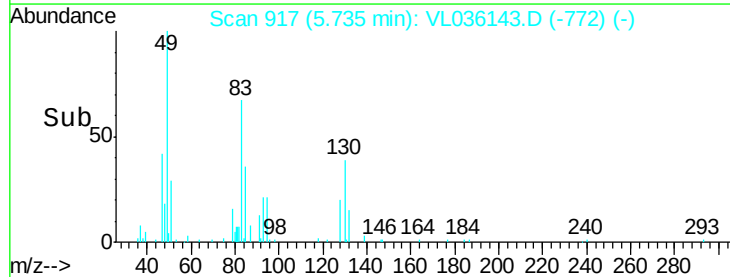
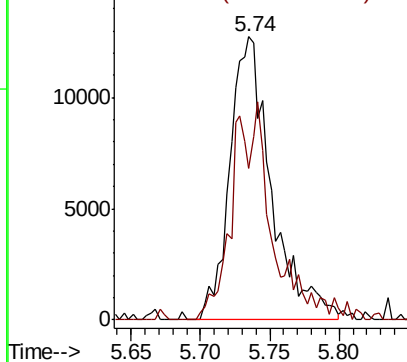
#29

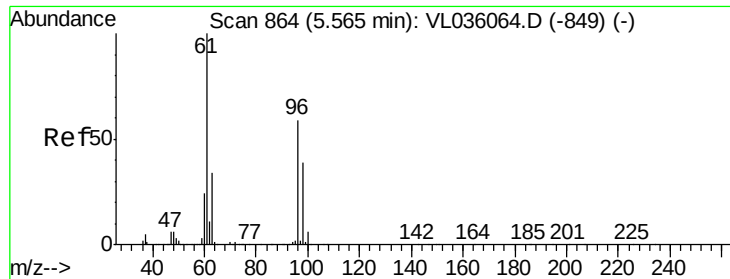
Chloroform
 Concen: 0.140 ppbv m
 RT: 5.74 min Scan# 917
 Delta R.T. -0.03 min
 Lab File: VL036143.D
 Acq: 11 Dec 2020 00:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	53.6	51.8	77.6



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

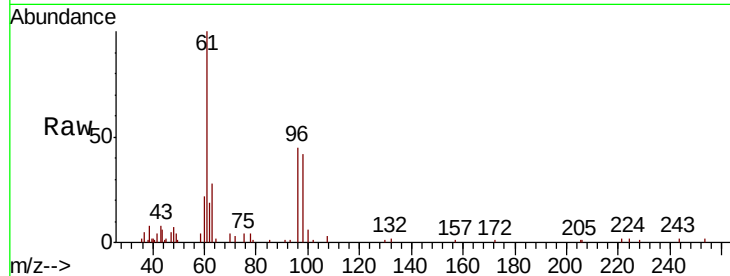




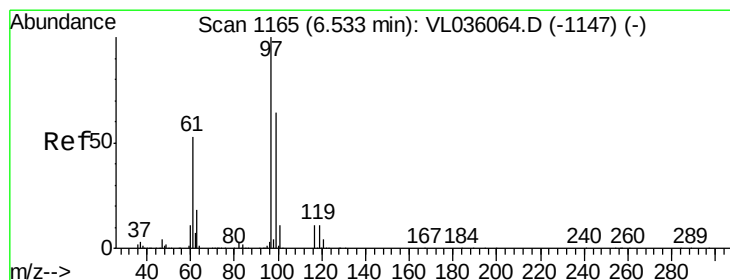
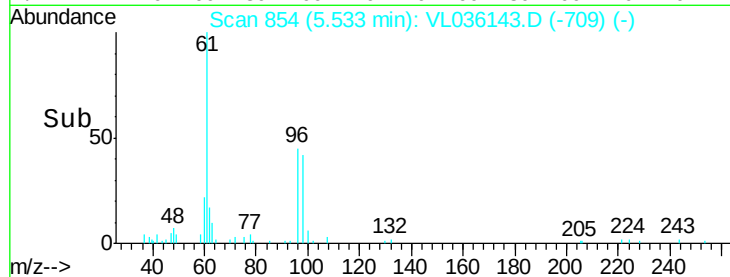
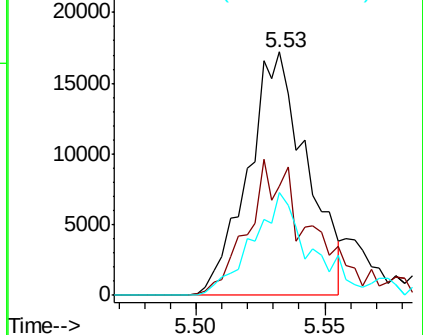
#31

cis-1,2-Dichloroethene
 Concen: 0.207 ppbv
 RT: 5.53 min Scan# 854
 Delta R.T. -0.03 min
 Lab File: VL036143.D
 Acq: 11 Dec 2020 00:48

Tot Ion	Ratio	Lower	Upper
61	100		
96	45.0	47.3	70.9#
98	42.3	31.4	47.0



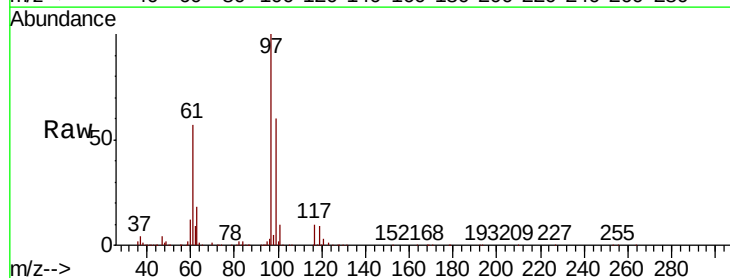
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



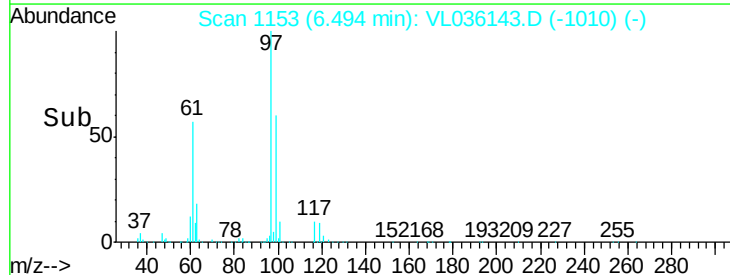
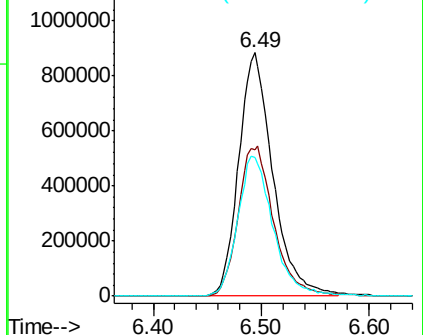
#32

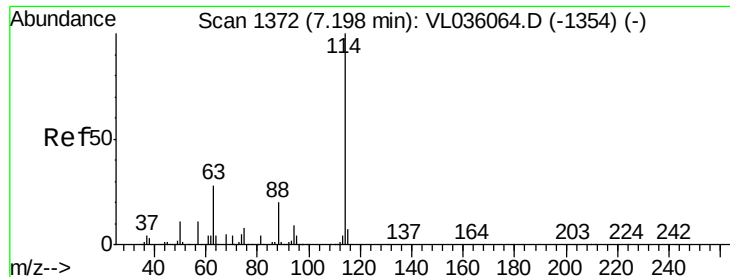
1,1,1-Trichloroethane
 Concen: 9.867 ppbv
 RT: 6.49 min Scan# 1153
 Delta R.T. -0.04 min
 Lab File: VL036143.D
 Acq: 11 Dec 2020 00:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.4	78.6
61	59.8	43.4	65.0



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





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.04 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

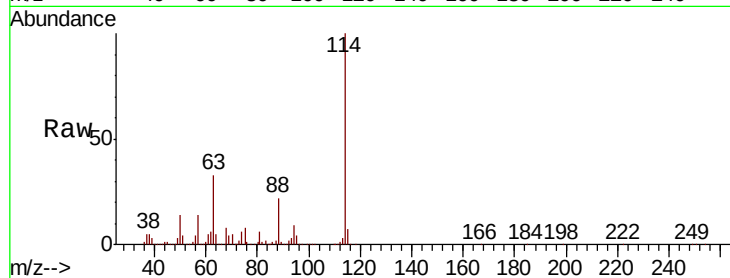
Tot Ion:114 Resp: 2651162

Ion Ratio Lower Upper

114 100

63 32.7 23.6 35.4

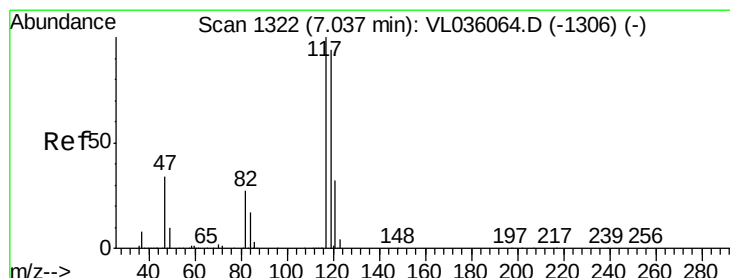
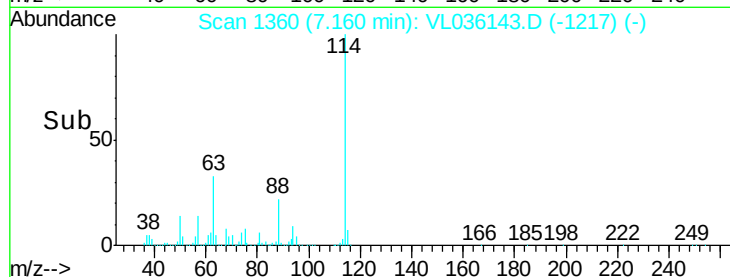
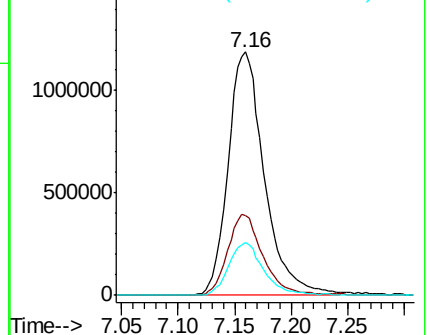
88 21.2 15.8 23.6



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: 0.004 ppbv

RT: 6.57 min Scan# 1177

Delta R.T. -0.47 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

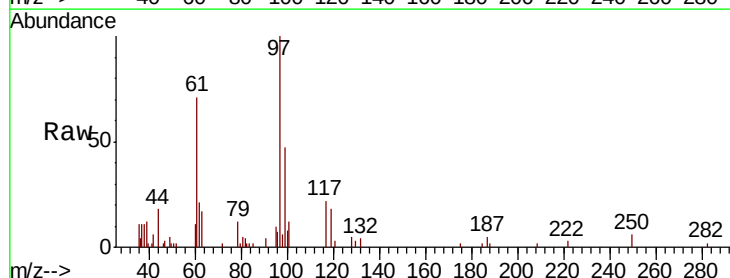
Tgt Ion:117 Resp: 633

Ion Ratio Lower Upper

117 100

119 96.6 75.1 112.7

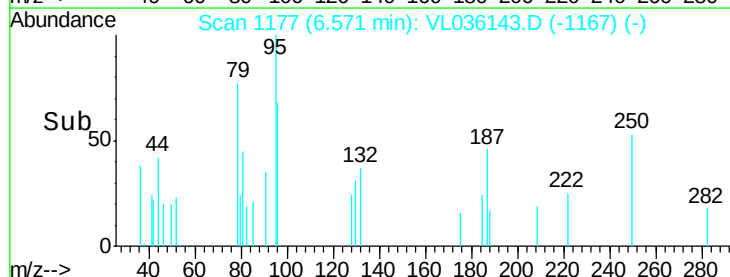
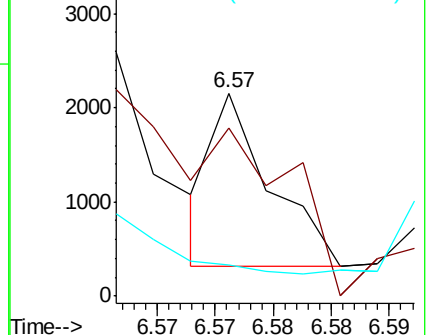
121 2.7 25.6 38.4#

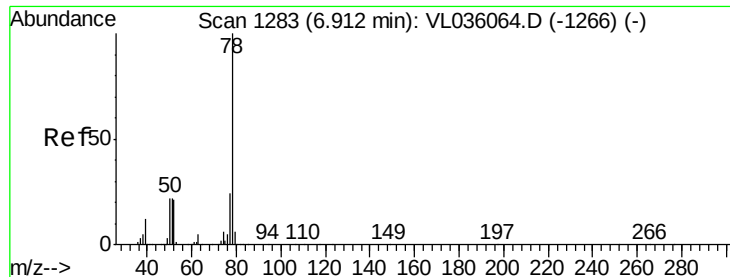


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#36

Benzene

Concen: 0.011 ppbv

RT: 6.88 min Scan# 1273

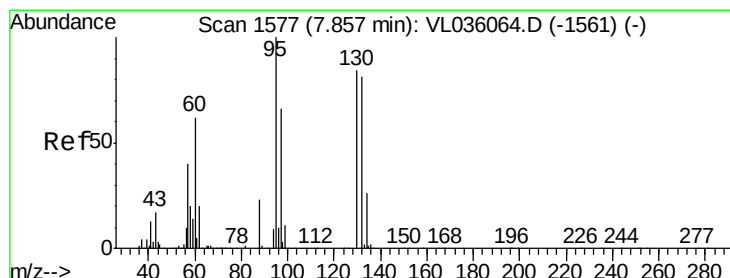
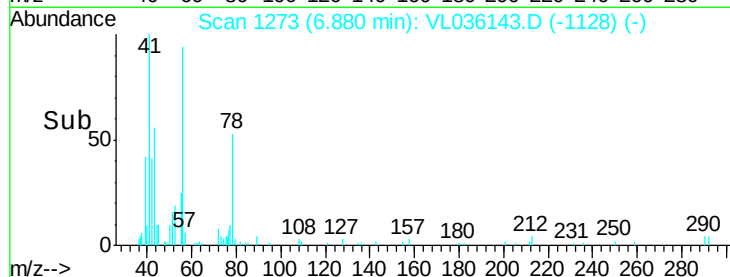
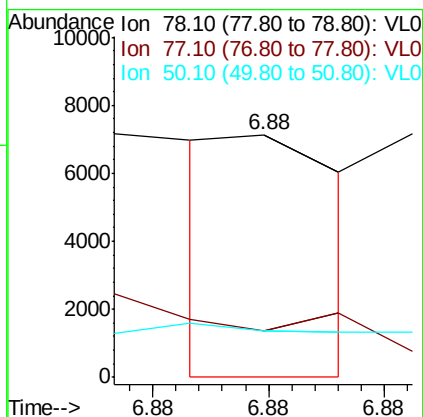
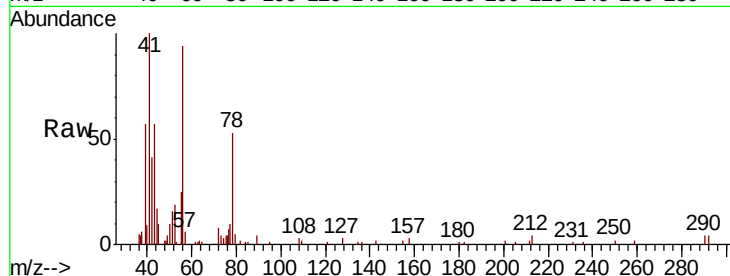
Delta R.T. -0.03 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

Tot Ion: 78 Resp: 2542

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.4	29.2#
50	4.6	17.8	26.8#



#38

Trichloroethene

Concen: 6.173 ppbv

RT: 7.82 min Scan# 1565

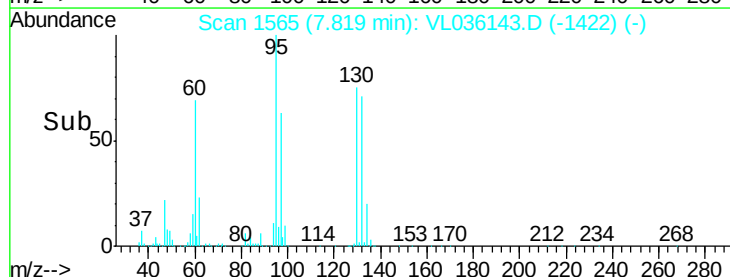
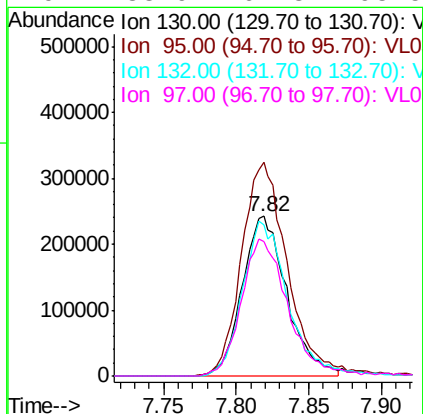
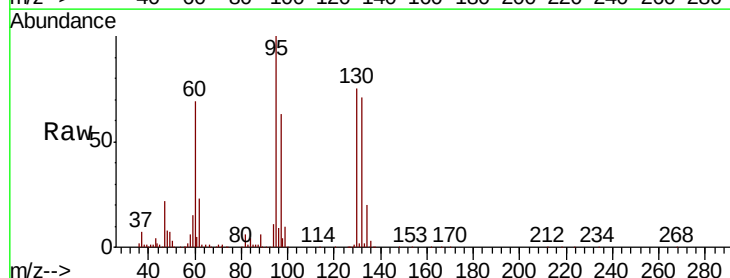
Delta R.T. -0.04 min

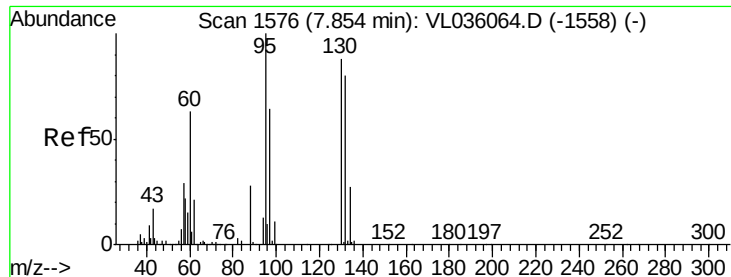
Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

Tgt Ion: 130 Resp: 518429

Ion	Ratio	Lower	Upper
130	100		
95	133.4	95.2	142.8
132	94.3	76.9	115.3
97	83.9	62.3	93.5





#40

1,4-Dioxane

Concen: 2.939 ppbv m

RT: 7.83 min Scan# 1567

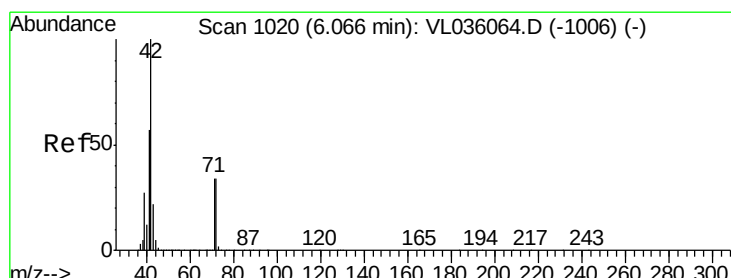
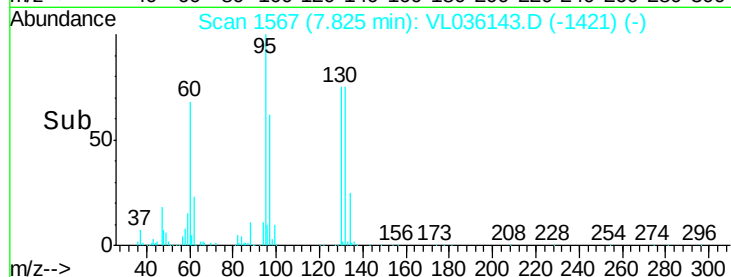
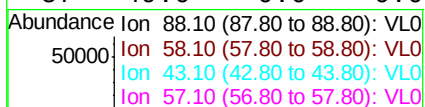
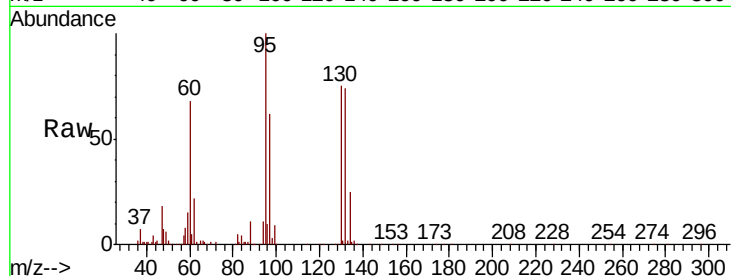
Delta R.T. -0.03 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

Tot Ion: 88 Resp: 82009

Ion	Ratio	Lower	Upper
88	100		
58	91.3	122.6	184.0#
43	53.5	0.0	0.0#
57	49.0	0.0	0.0#



#41

Tetrahydrofuran

Concen: 0.011 ppbv

RT: 6.03 min Scan# 1009

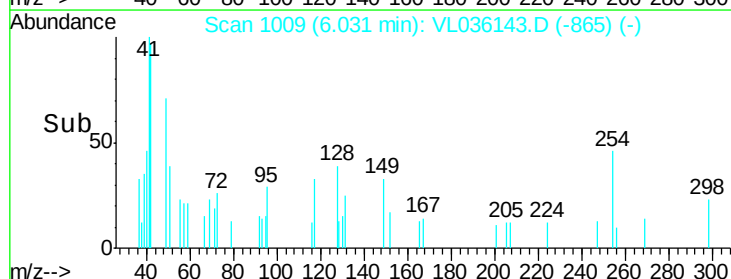
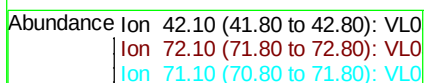
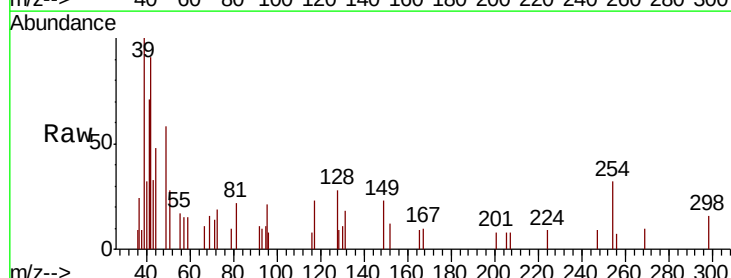
Delta R.T. -0.04 min

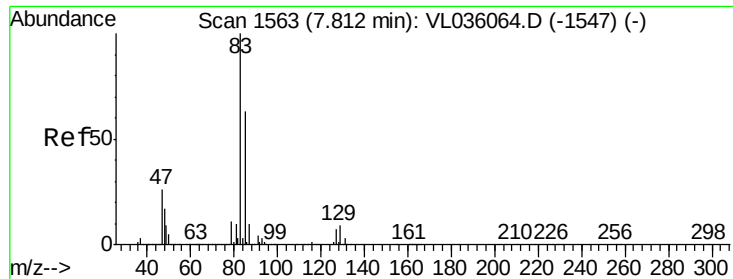
Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

Tgt Ion: 42 Resp: 1143

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





#42

Bromodichloromethane

Concen: 0.005 ppbv

RT: 7.77 min Scan# 1551

Delta R.T. -0.04 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

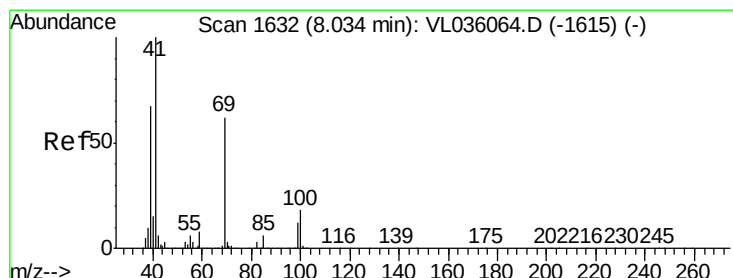
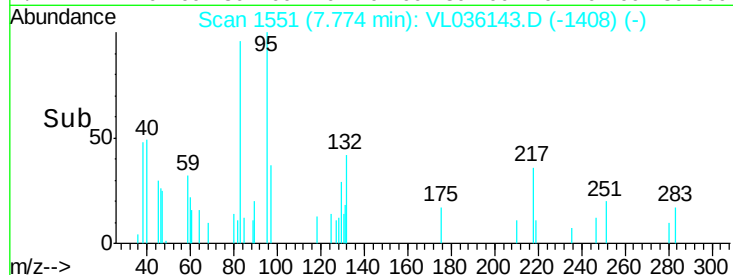
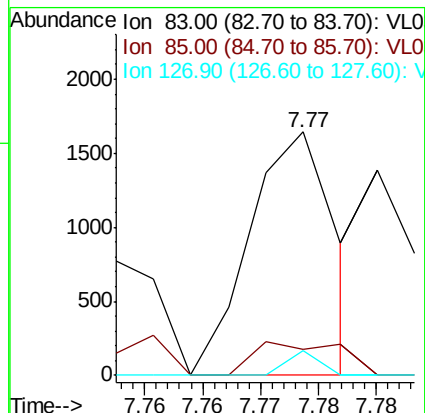
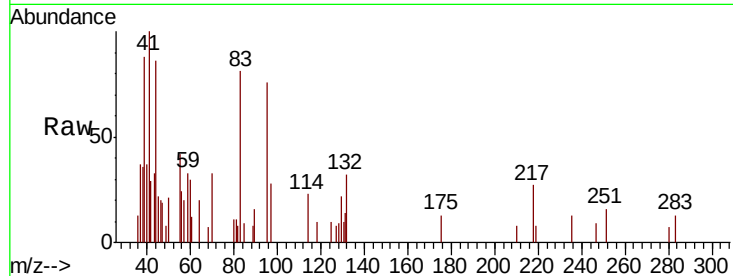
Tot Ion: 83 Resp: 843

Ion Ratio Lower Upper

83 100

85 10.9 50.2 75.2#

127 10.0 5.5 8.3#



#43

Methyl Methacrylate

Concen: 0.001 ppbv

RT: 7.98 min Scan# 1616

Delta R.T. -0.05 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

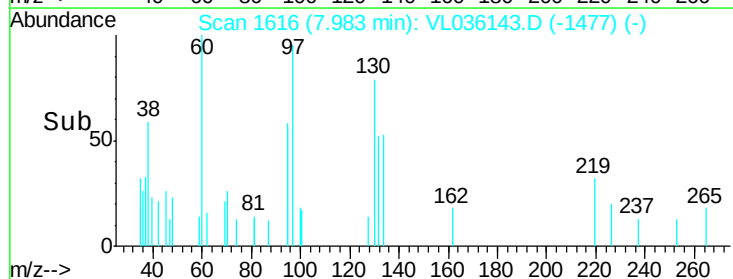
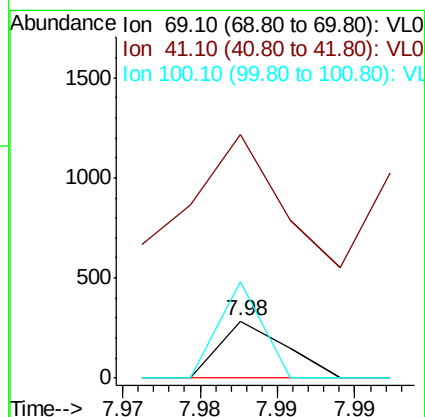
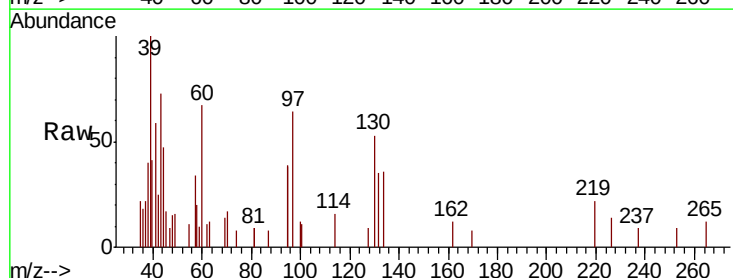
Tgt Ion: 69 Resp: 84

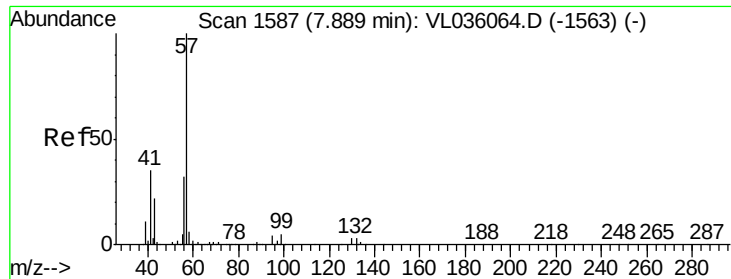
Ion Ratio Lower Upper

69 100

41 0.0 133.0 199.6#

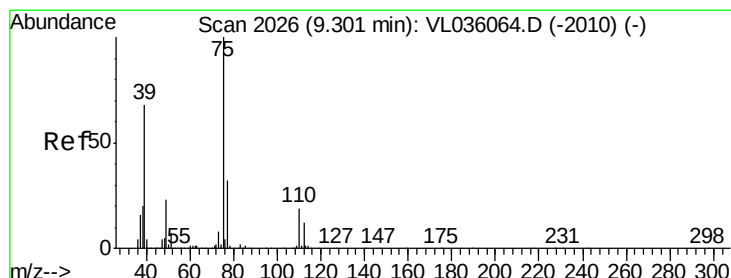
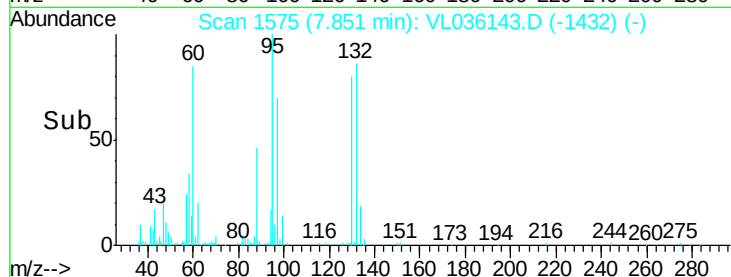
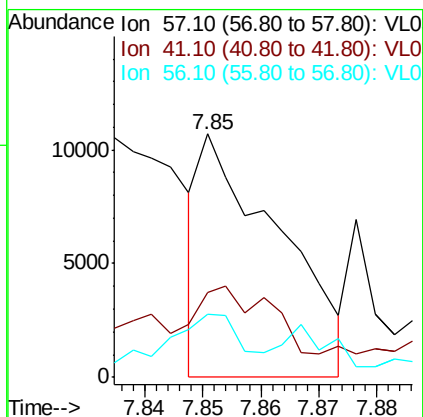
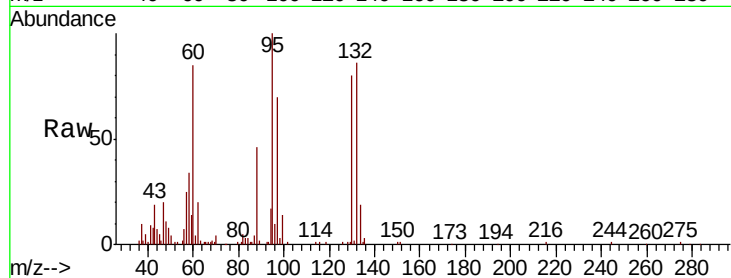
100 328.6 25.4 38.0#





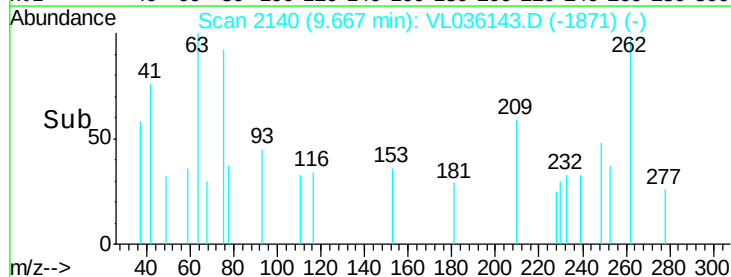
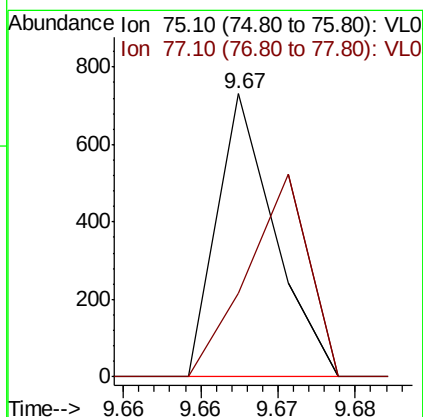
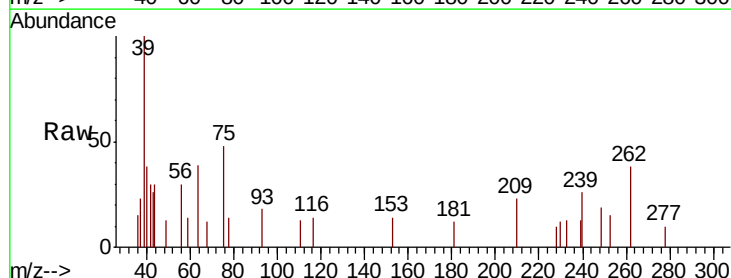
#44
 2,2,4-Trimethylpentane
 Concen: 0.025 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. -0.04 min
 Lab File: VL036143.D
 Acq: 11 Dec 2020 00:48

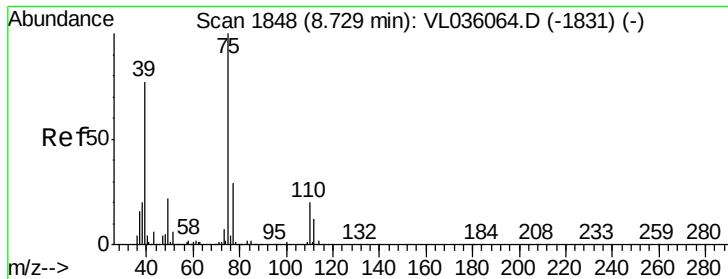
Tot Ion: 57 Resp: 10171
 Ion Ratio Lower Upper
 57 100
 41 77.5 28.9 43.3#
 56 49.7 25.3 37.9#



#45
 t-1,3-Dichloropropene
 Concen: 0.002 ppbv
 RT: 9.67 min Scan# 2140
 Delta R.T. 0.37 min
 Lab File: VL036143.D
 Acq: 11 Dec 2020 00:48

Tgt Ion: 75 Resp: 188
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.0 39.0





#46

cis-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 8.68 min Scan# 1832

Delta R.T. -0.05 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

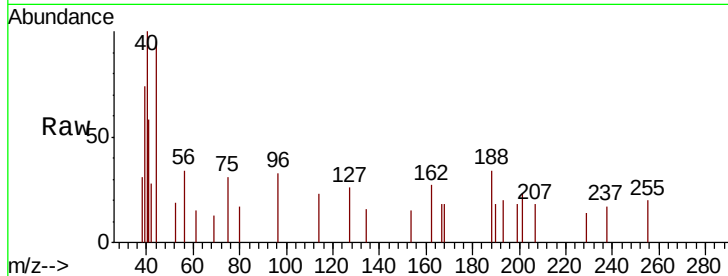
Tot Ion: 75 Resp: 107

Ion Ratio Lower Upper

75 100

39 0.0 61.6 92.4#

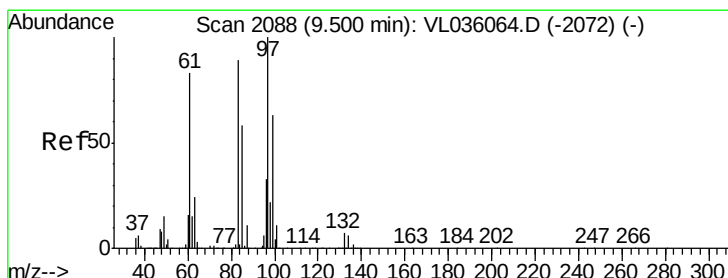
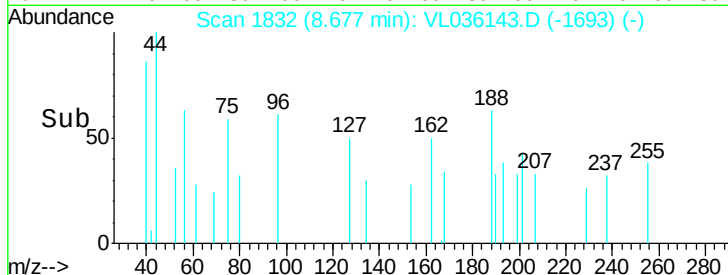
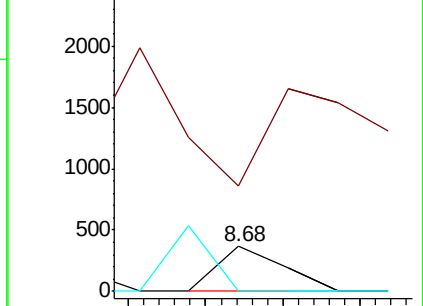
77 0.0 23.0 34.6#



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: 0.003 ppbv

RT: 9.45 min Scan# 2072

Delta R.T. -0.05 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

Tgt Ion: 97 Resp: 282

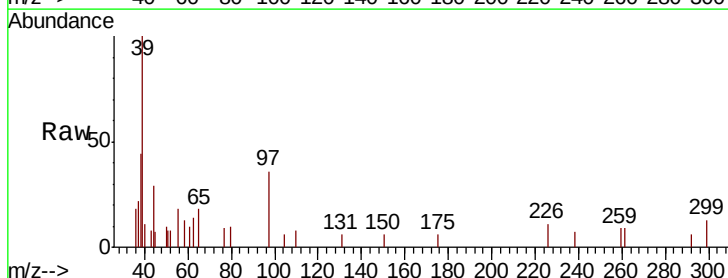
Ion Ratio Lower Upper

97 100

83 0.0 71.4 107.2#

85 0.0 46.6 70.0#

99 0.0 50.7 76.1#

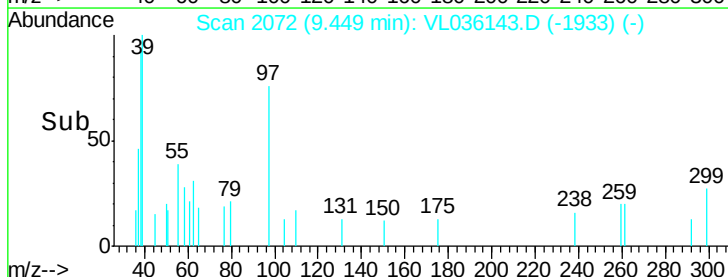
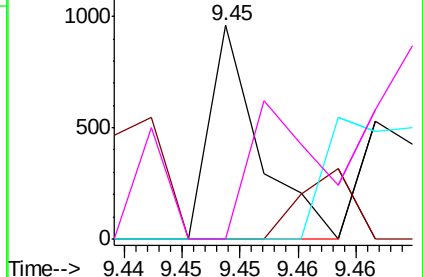


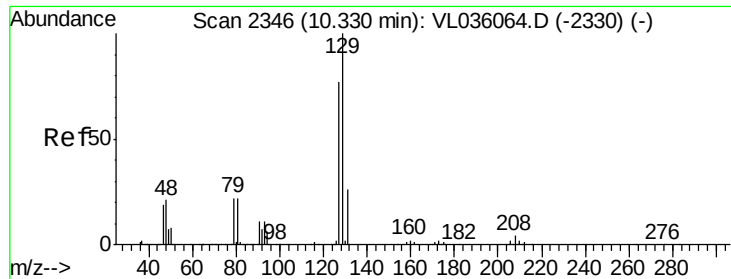
Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 0.002 ppbv

RT: 10.28 min Scan# 2332

Delta R.T. -0.05 min

Lab File: VL036143.D

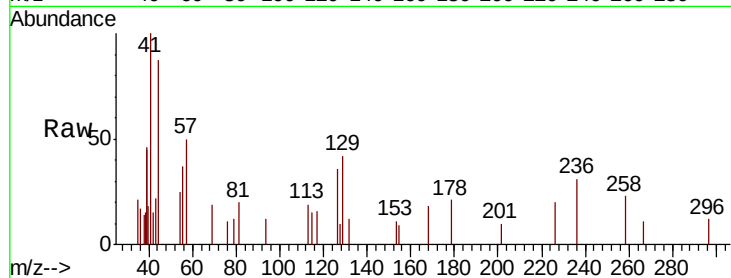
Acq: 11 Dec 2020 00:48

Tot Ion:129 Resp: 197

Ion Ratio Lower Upper

129 100

127 62.9 39.0 117.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.28

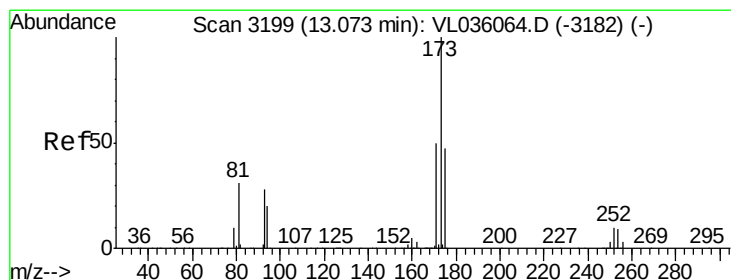
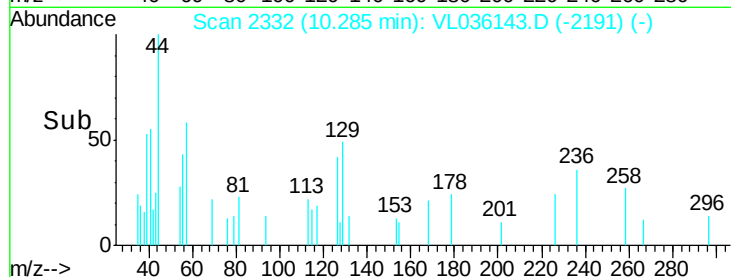
600

400

200

0

Time-->



#49

Bromoform

Concen: 0.001 ppbv

RT: 13.24 min Scan# 3250

Delta R.T. 0.16 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

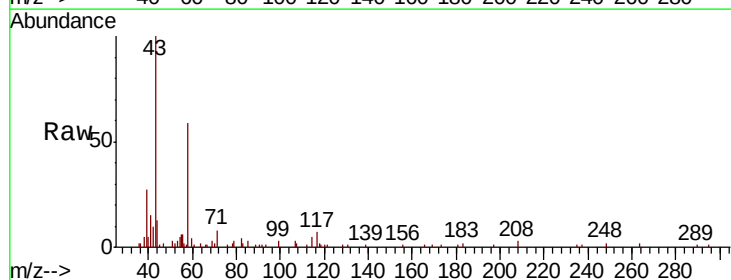
Tgt Ion:173 Resp: 65

Ion Ratio Lower Upper

173 100

175 50.8 39.8 59.6

171 56.9 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

13.24

250

200

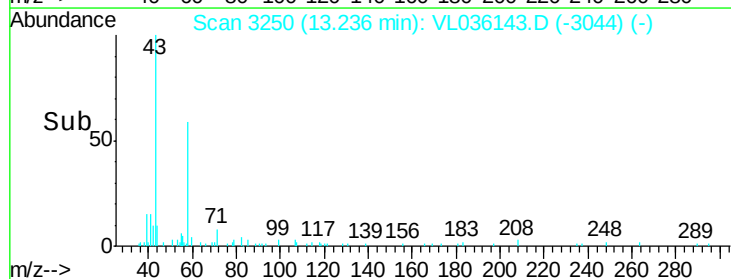
150

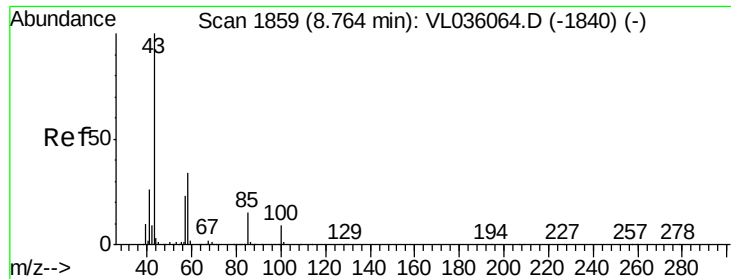
100

50

0

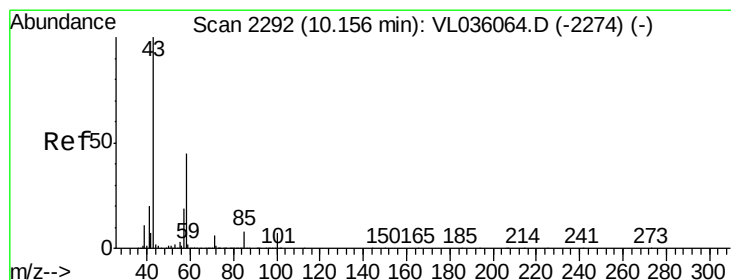
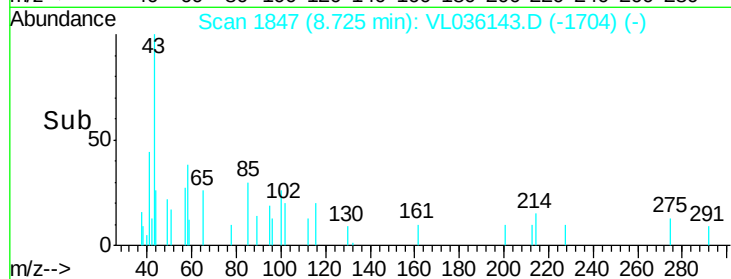
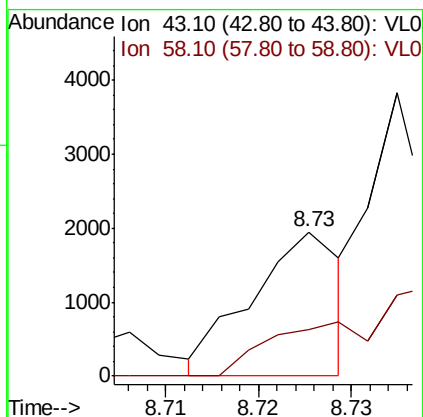
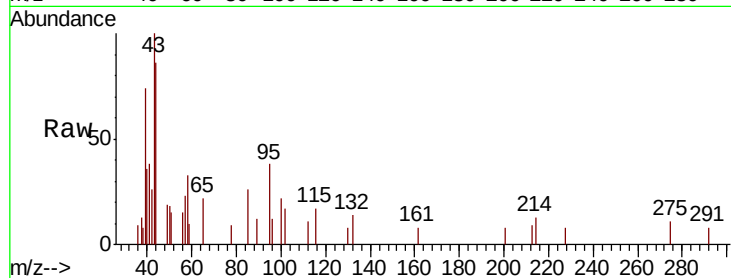
Time-->





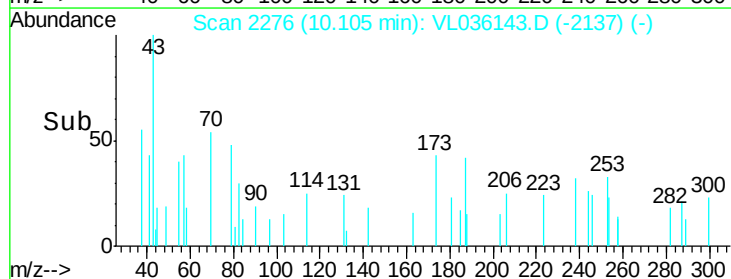
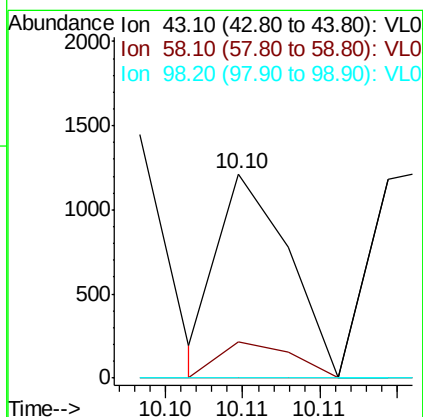
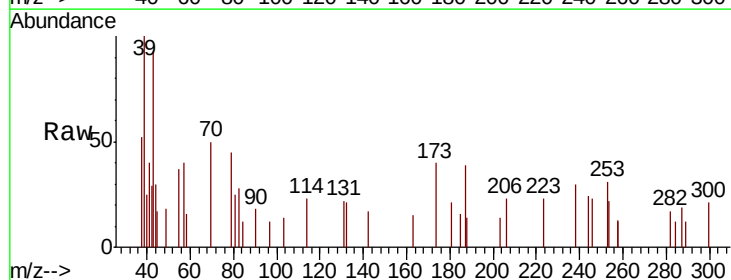
#50
4-Methyl-2-Pentanone
Concen: 0.005 ppbv
RT: 8.73 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

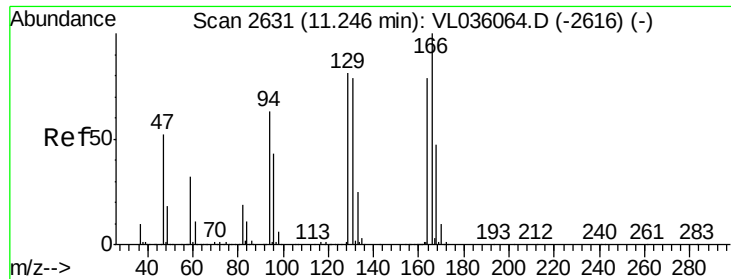
Tot Ion: 43 Resp: 1313
Ion Ratio Lower Upper
43 100
58 0.0 27.4 41.2#



#51
2-Hexanone
Concen: 0.002 ppbv
RT: 10.10 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
58 0.0 38.7 58.1#
98 0.0 0.1 0.1#

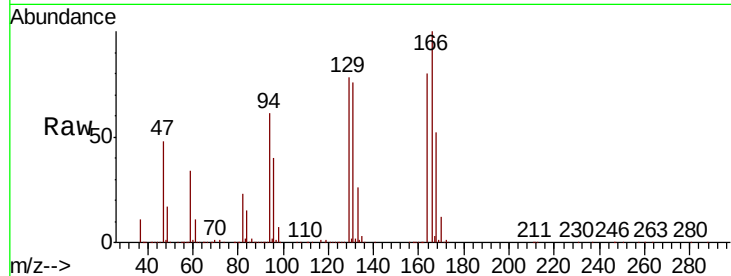




#52
Tetrachloroethene
Concen: 65.089 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.03 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

Tot Ion:164 Resp: 5293978

Ion	Ratio	Lower	Upper
164	100		
166	124.9	101.9	152.9
129	97.2	82.1	123.1
131	95.4	80.8	121.2



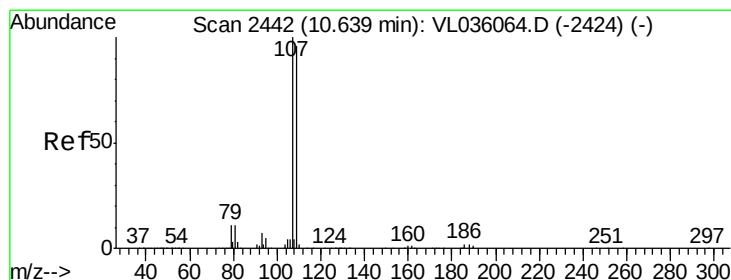
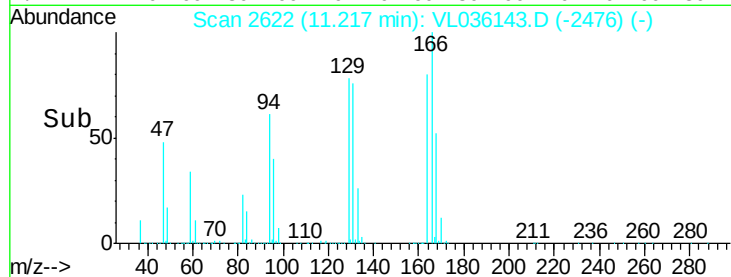
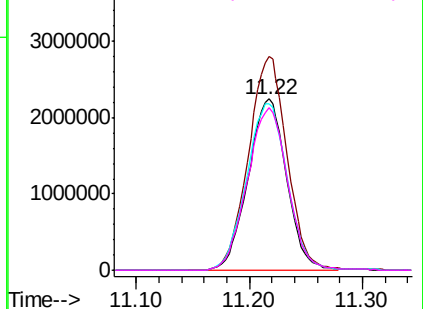
Abundance

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

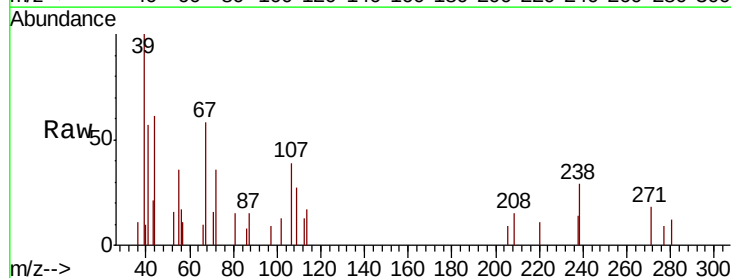
Ion 131.00 (130.70 to 131.70): V



#54
1,2-Dibromoethane
Concen: 0.002 ppbv
RT: 10.59 min Scan# 2427
Delta R.T. -0.05 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

Tgt Ion:107 Resp: 256

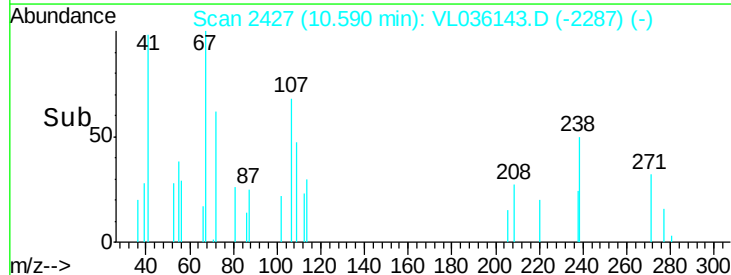
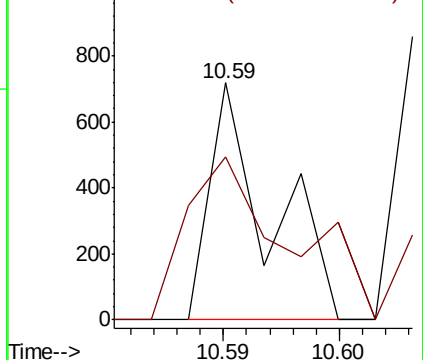
Ion	Ratio	Lower	Upper
107	100		
109	27.9	76.6	115.0#

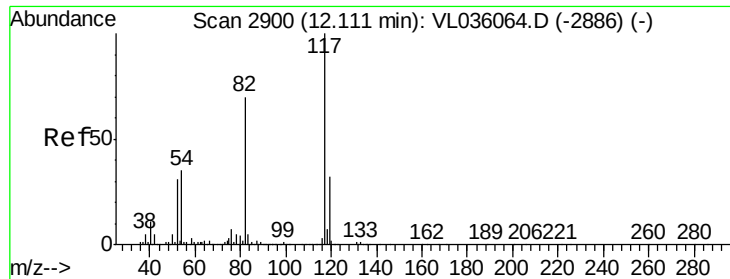


Abundance

Ion 107.00 (106.70 to 107.70): V

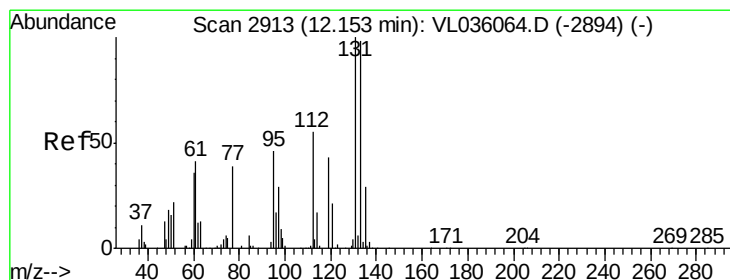
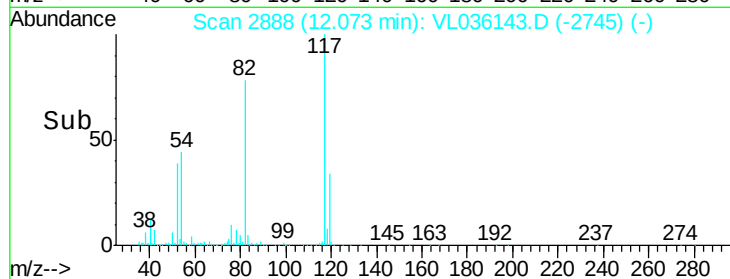
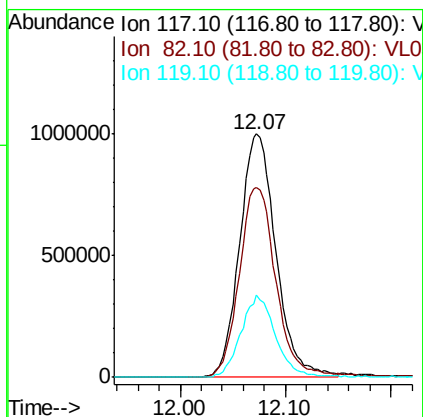
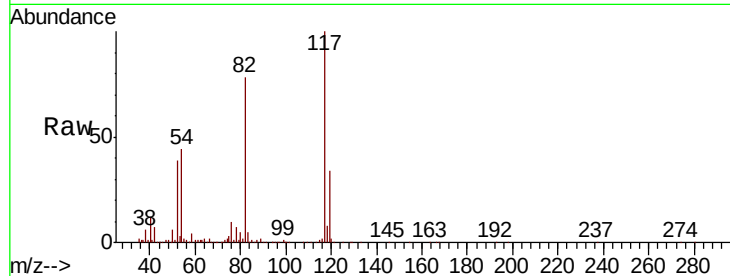
Ion 109.00 (108.70 to 109.70): V





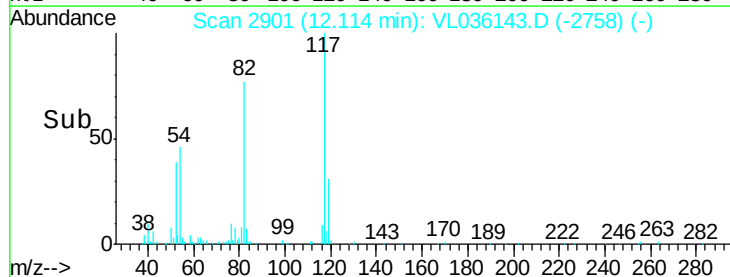
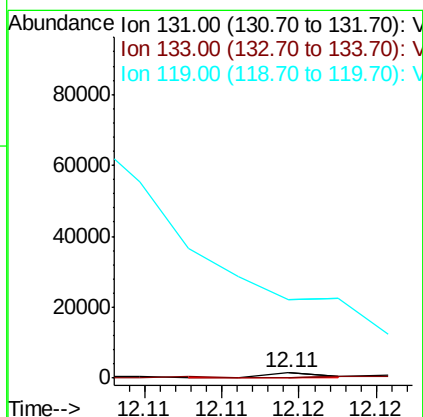
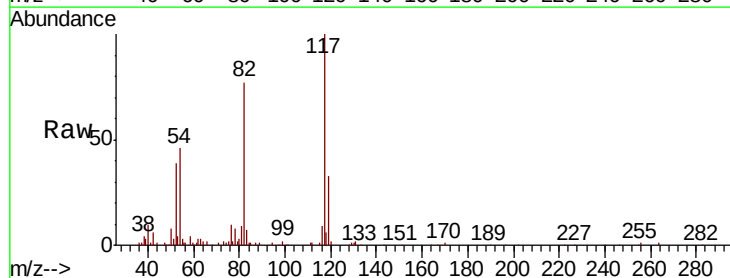
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.04 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

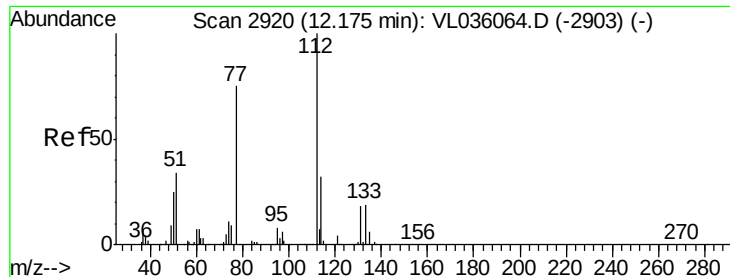
Tot Ion:117 Resp: 2392397
Ion Ratio Lower Upper
117 100
82 80.4 0.0 0.0#
119 32.6 0.0 0.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 0.004 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.04 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

Tgt Ion:131 Resp: 418
Ion Ratio Lower Upper
131 100
133 0.0 77.7 116.5#
119 0.0 51.6 77.4#





#57

Chlorobenzene

Concen: 0.005 ppbv

RT: 12.13 min Scan# 2906

Delta R.T. -0.05 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

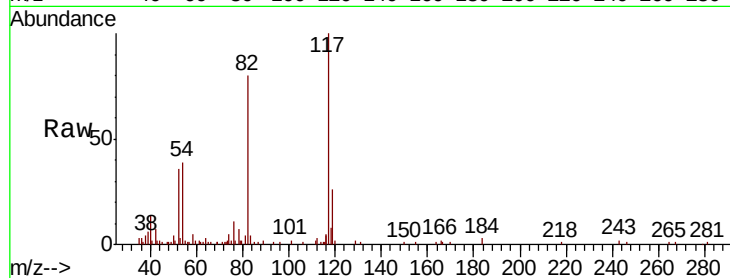
Tot Ion: 112 Resp: 856

Ion Ratio Lower Upper

112 100

77 0.0 60.5 90.7#

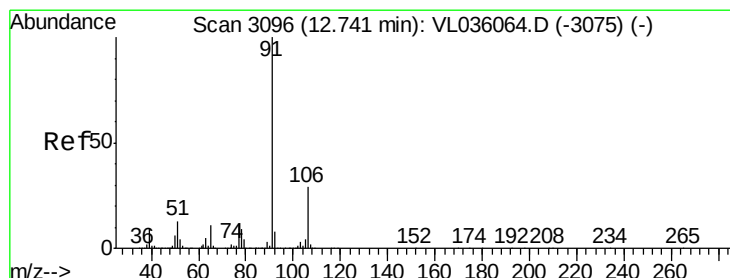
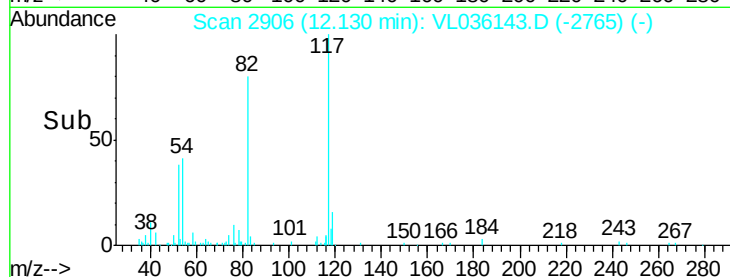
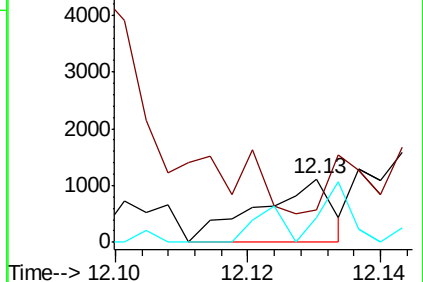
114 54.0 29.2 35.6#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 0.268 ppbv m

RT: 12.70 min Scan# 3084

Delta R.T. -0.04 min

Lab File: VL036143.D

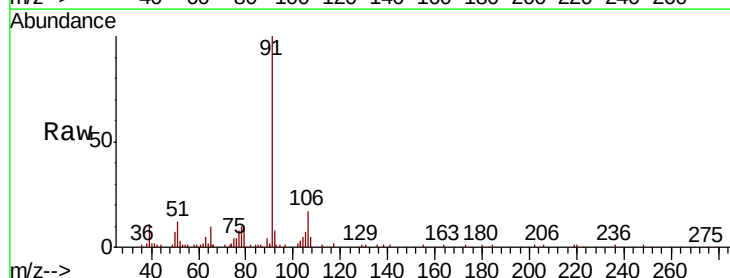
Acq: 11 Dec 2020 00:48

Tgt Ion: 91 Resp: 87957

Ion Ratio Lower Upper

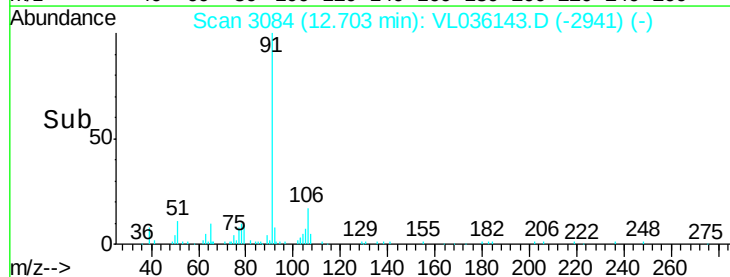
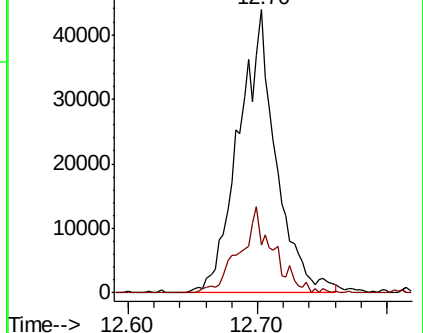
91 100

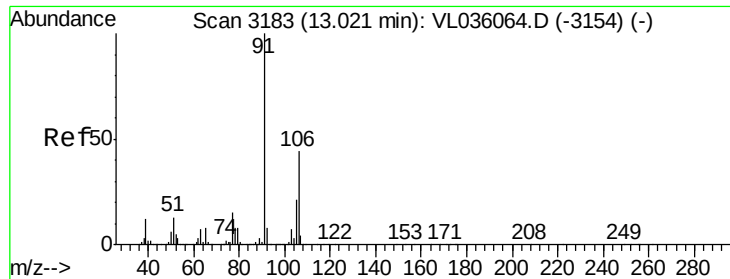
106 16.8 23.0 34.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

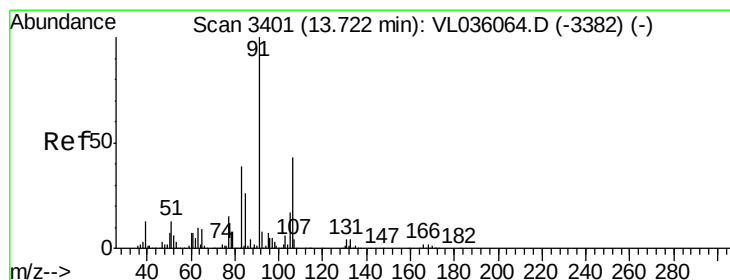
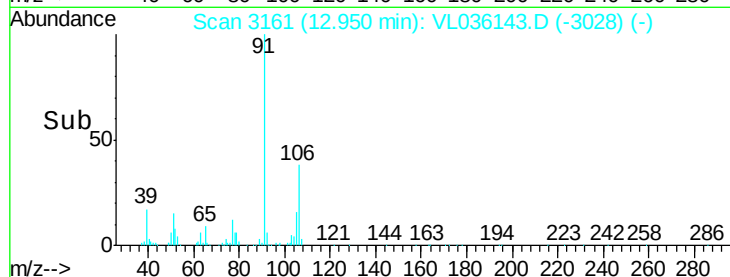
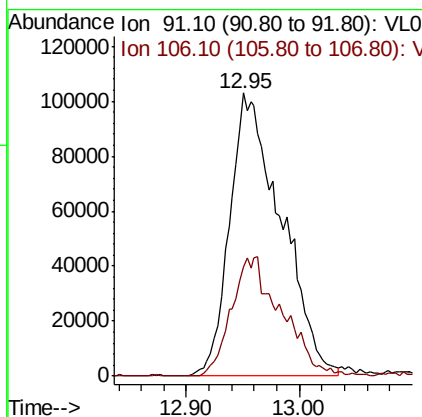
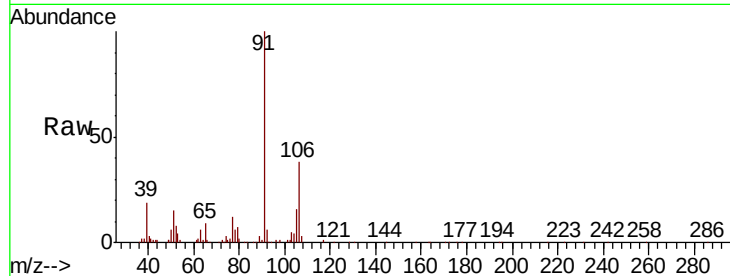
Ion 106.10 (105.80 to 106.80): V





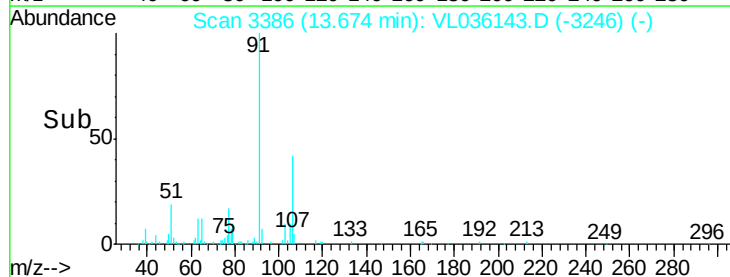
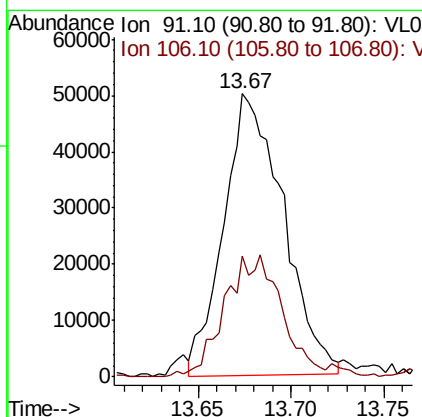
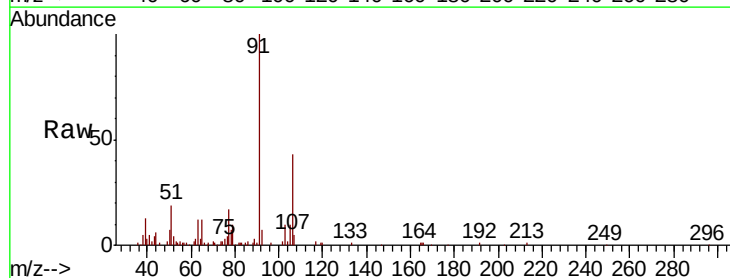
#59
m/p-Xylene
Concen: 1.179 ppbv m
RT: 12.95 min Scan# 3161
Delta R.T. -0.07 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

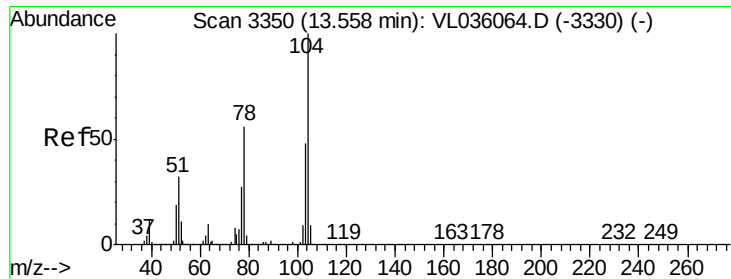
Tot Ion: 91 Resp: 325562
Ion Ratio Lower Upper
91 100
106 0.0 33.6 50.4#



#60
o-Xylene
Concen: 0.431 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.05 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

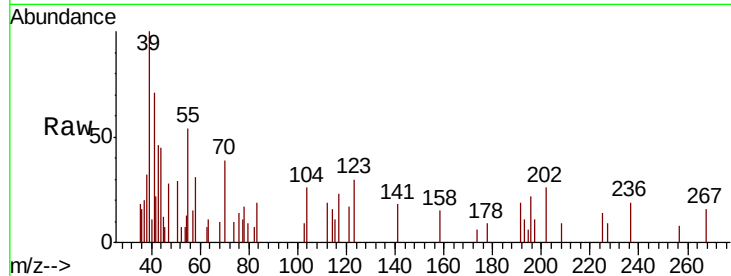
Tgt Ion: 91 Resp: 112194
Ion Ratio Lower Upper
91 100
106 42.9 21.6 64.6



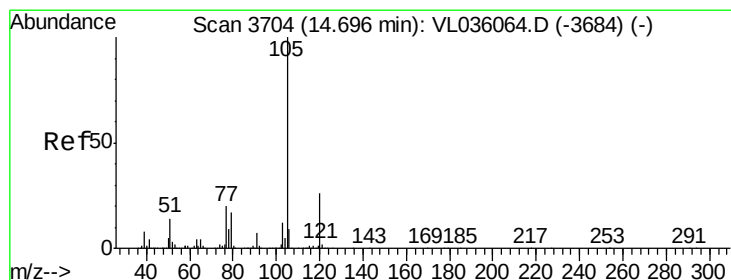
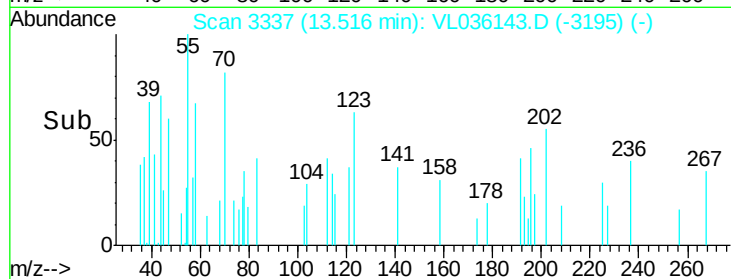
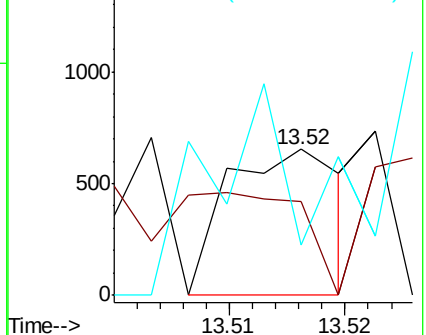


#61
Stvrene
Concen: 0.003 ppbv
RT: 13.52 min Scan# 3337
Delta R.T. -0.04 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	45.8	68.8#
103	0.0	38.6	57.8#

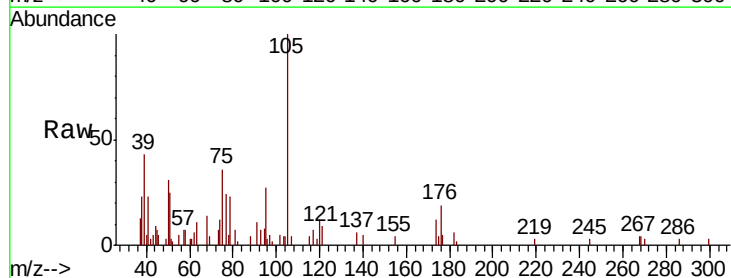


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

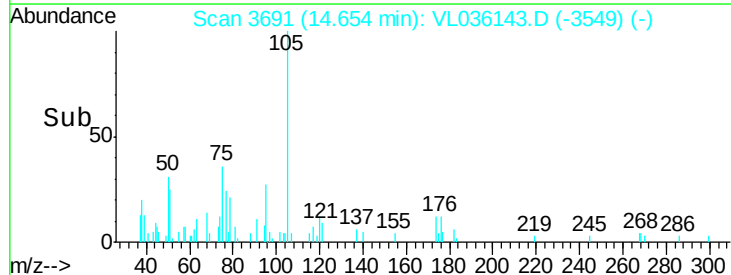
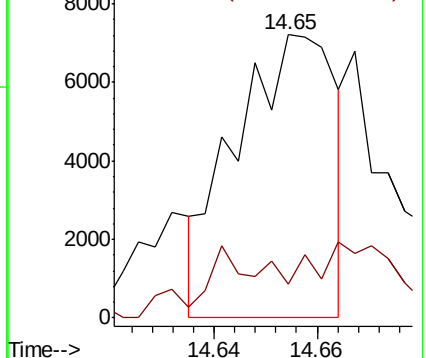


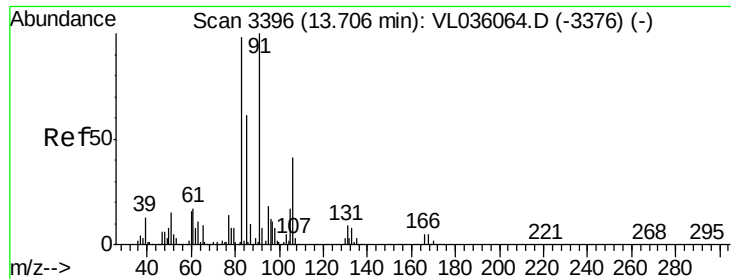
#62
Isopropylbenzene
Concen: 0.025 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. -0.04 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

Tgt 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: 0.002 ppbv

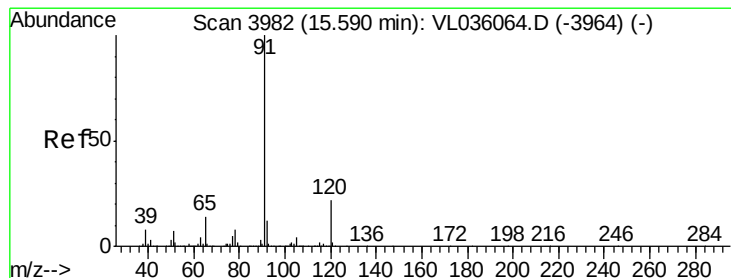
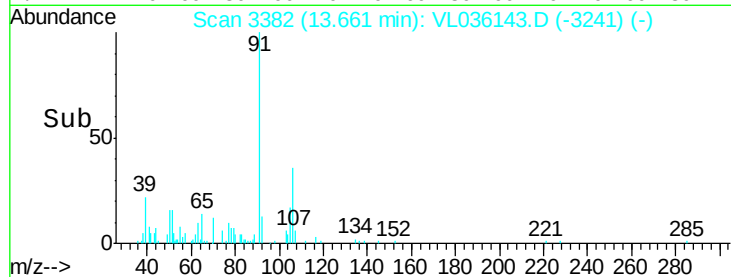
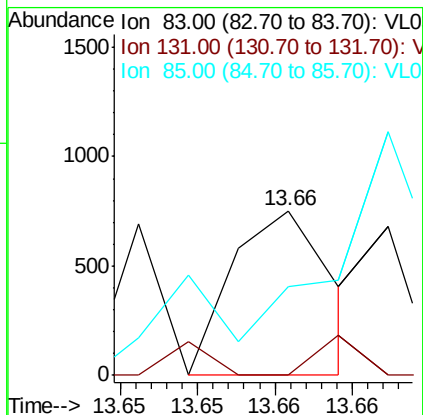
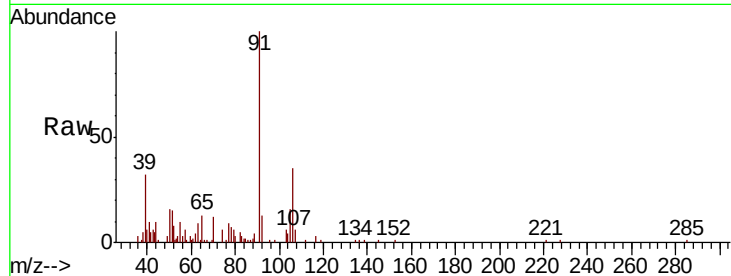
RT: 13.66 min Scan# 3382

Delta R.T. -0.05 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

Tot Ion	83	Resp	335
Ion Ratio	100		
Lower			
Upper			
83	100		
131	0.0	4.6	13.8#
85	0.0	32.5	97.5#



#64

n-propylbenzene

Concen: 0.010 ppbv

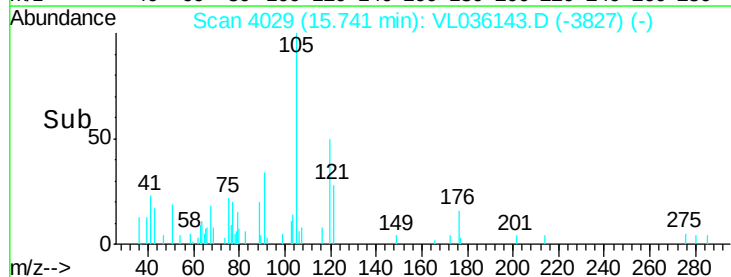
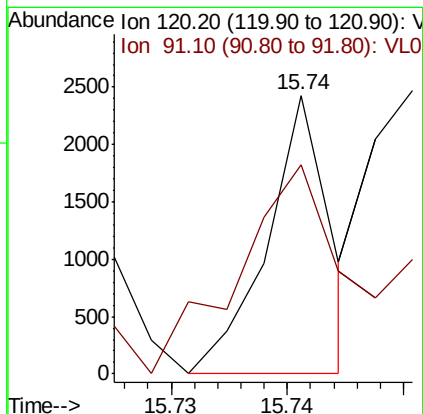
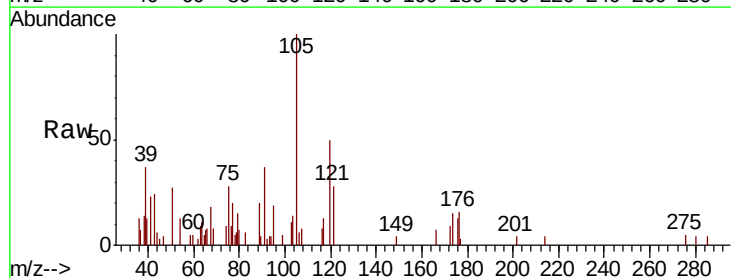
RT: 15.74 min Scan# 4029

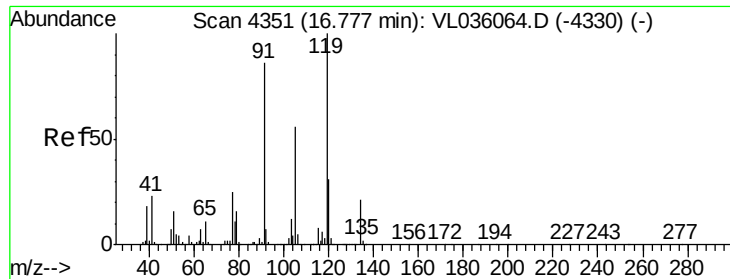
Delta R.T. 0.15 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

Tgt Ion	120	Resp	913
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
120	100		
91	415.3	388.9	583.3





#65

tert-Butylbenzene

Concen: 0.002 ppbv

RT: 16.73 min Scan# 4335

Delta R.T. -0.05 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

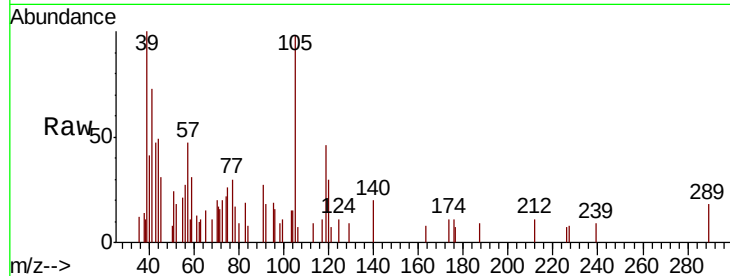
Tot Ion: 119 Resp: 604

Ion Ratio Lower Upper

119 100

91 0.0 70.2 105.2#

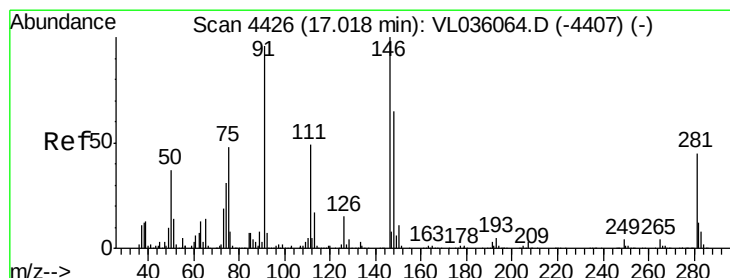
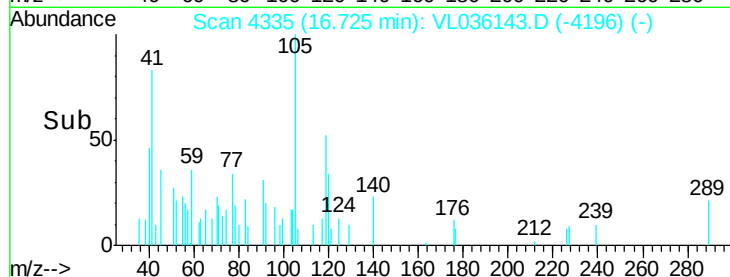
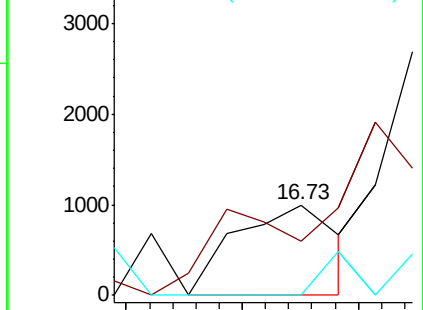
134 0.0 15.8 23.6#



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 0.001 ppbv

RT: 16.94 min Scan# 4402

Delta R.T. -0.08 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

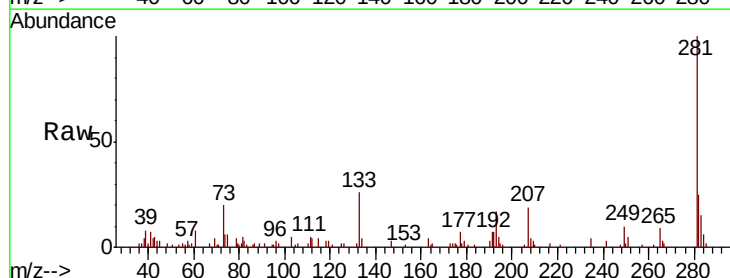
Tgt Ion: 91 Resp: 110

Ion Ratio Lower Upper

91 100

126 541.8 13.5 20.3#

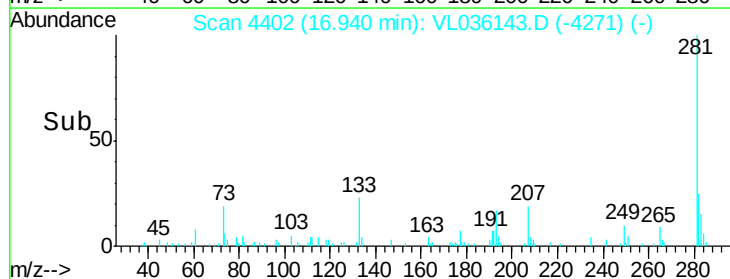
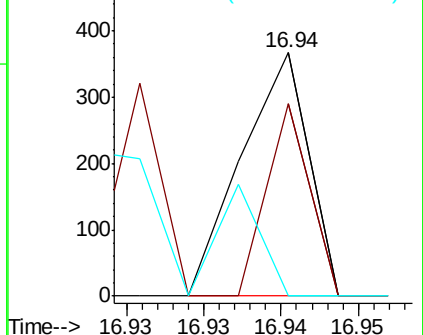
128 103.6 4.4 6.6#

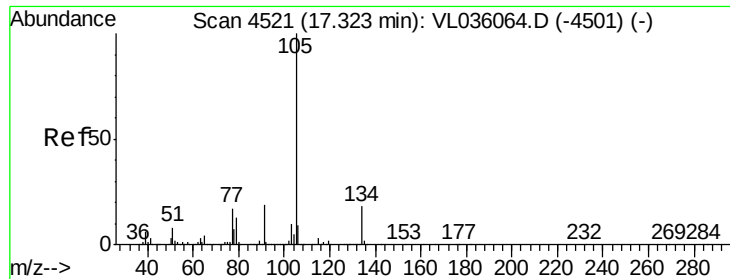


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 0.002 ppbv

RT: 17.28 min Scan# 4507

Delta R.T. -0.05 min

Lab File: VL036143.D

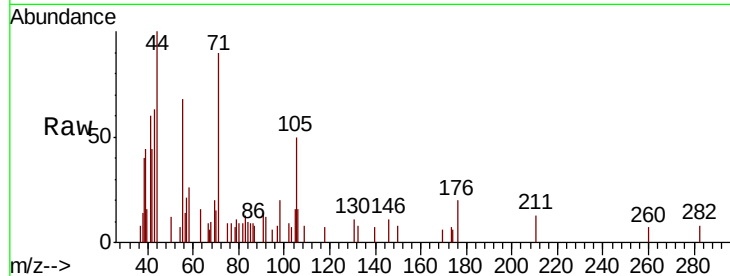
Acq: 11 Dec 2020 00:48

Tot Ion: 105 Resp: 765

Ion Ratio Lower Upper

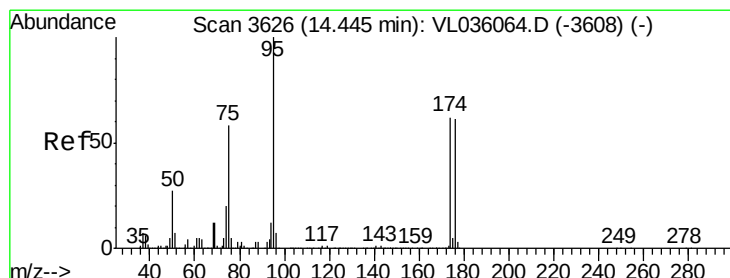
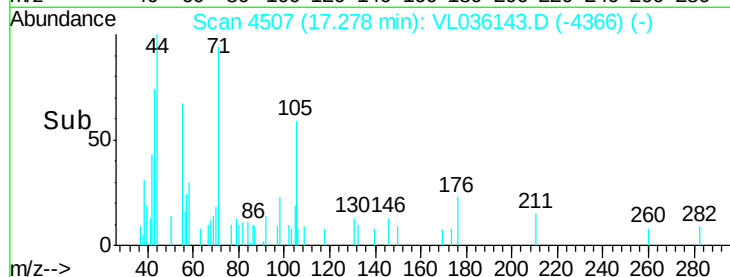
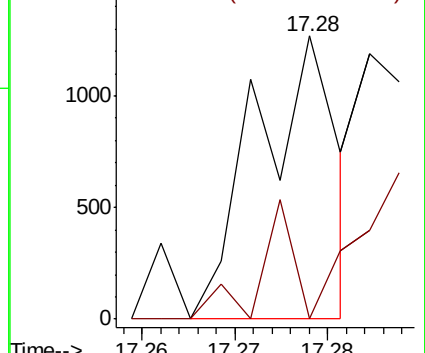
105 100

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: 10.738 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.05 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

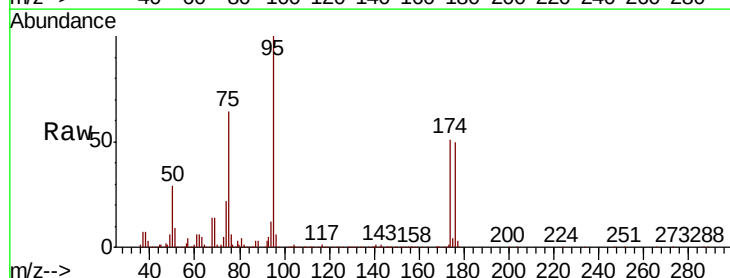
Tgt Ion: 95 Resp: 2039906

Ion Ratio Lower Upper

95 100

174 55.5 50.7 76.1

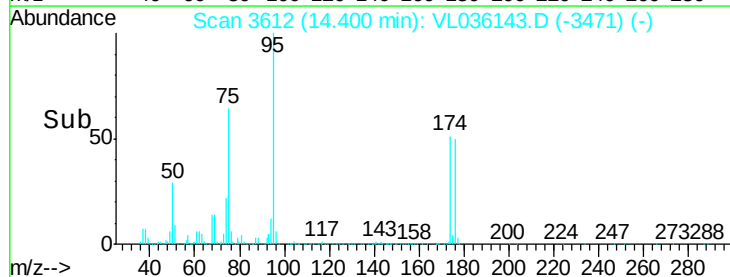
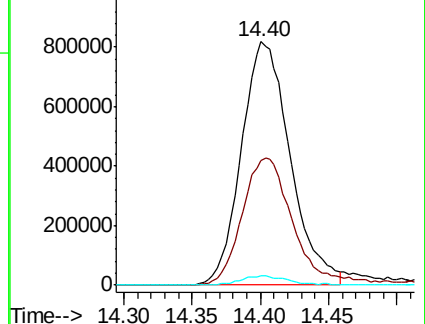
175 3.9 4.0 6.0#

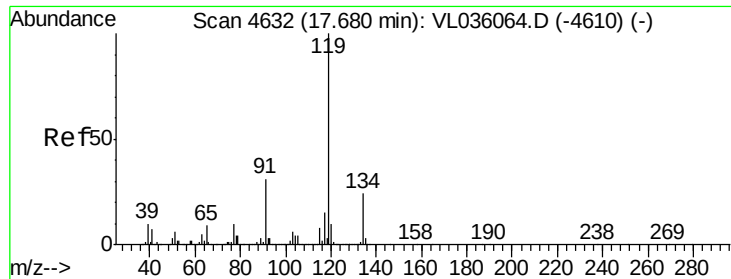


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#69

p-Isopropyltoluene

Concen: 0.001 ppbv

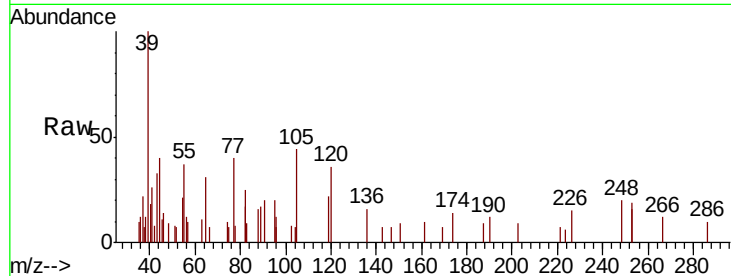
RT: 17.62 min Scan# 4613

Delta R.T. -0.06 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

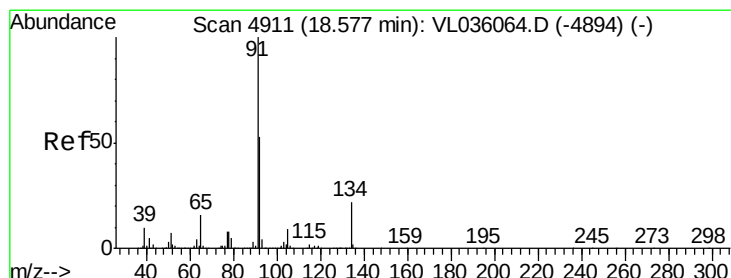
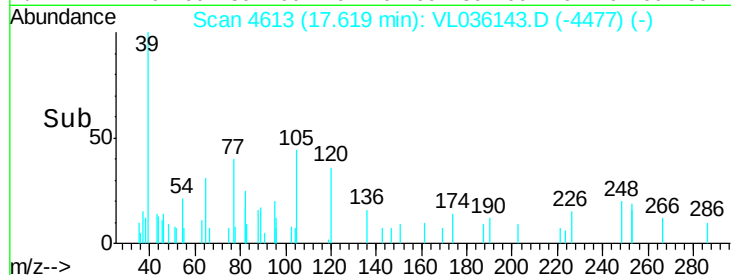
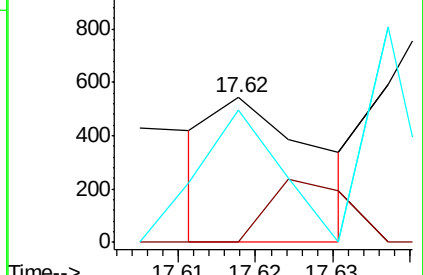
Tot Ion:	119	Resp:	245
Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.8	29.6#
91	0.0	25.8	38.6#



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: 0.001 ppbv

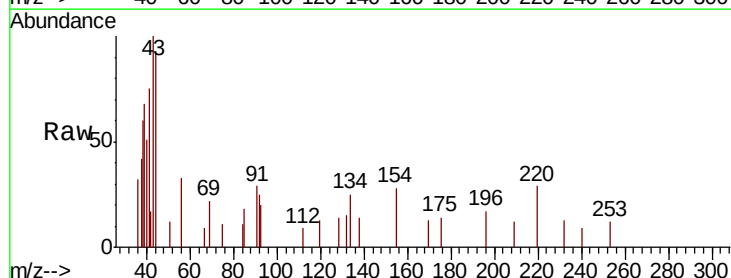
RT: 18.52 min Scan# 4892

Delta R.T. -0.06 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

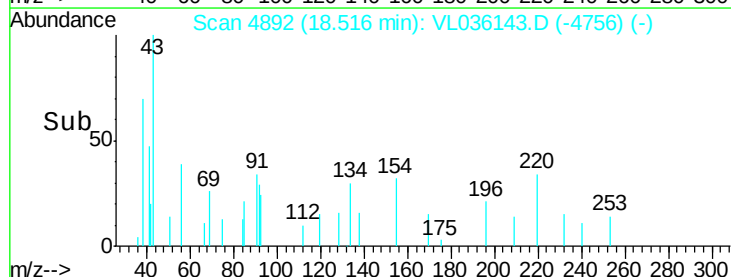
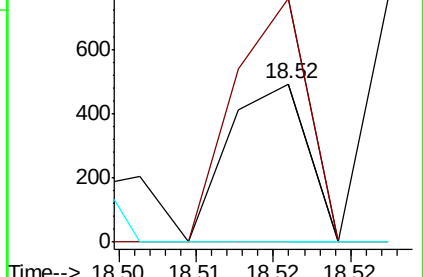
Tgt Ion:	91	Resp:	175
Ion	Ratio	Lower	Upper
91	100		
92	161.7	43.3	64.9#
134	0.0	17.1	25.7#

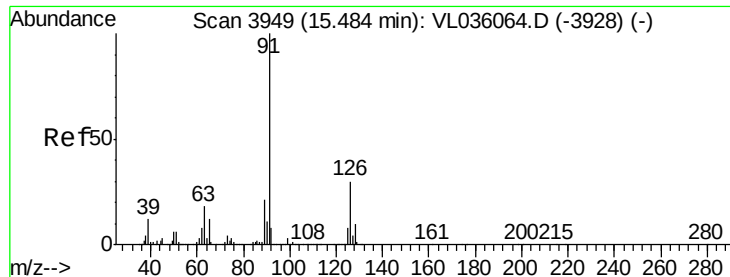


Abundance Ion 91.10 (90.80 to 91.80): V

Ion 92.10 (91.80 to 92.80): V

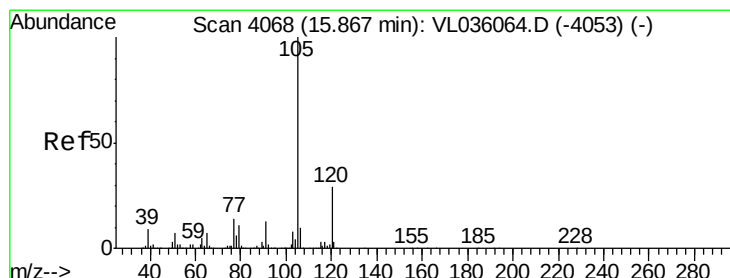
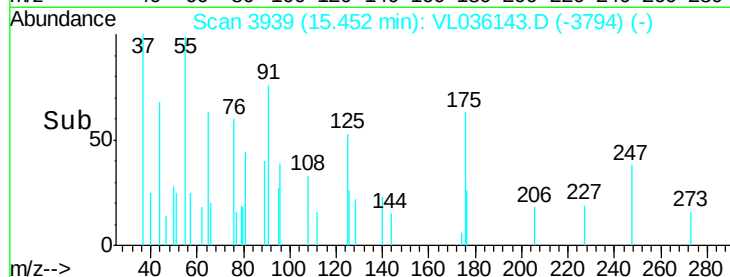
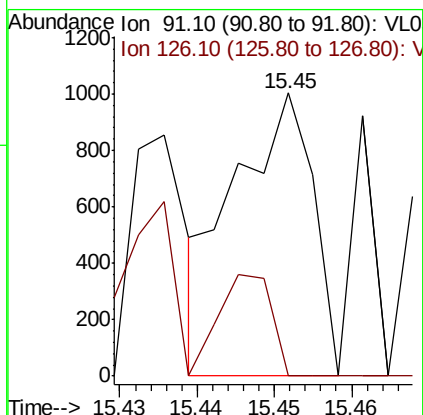
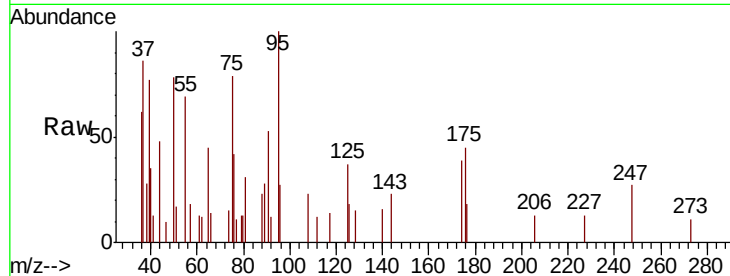
Ion 134.20 (133.90 to 134.90): V





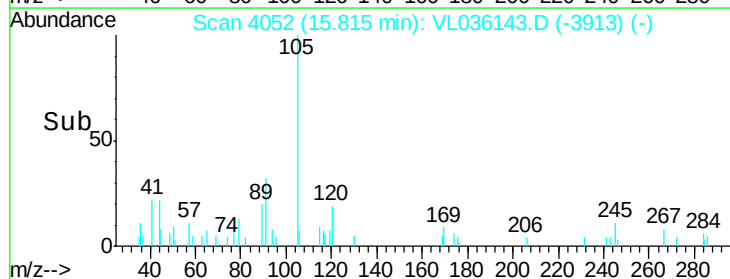
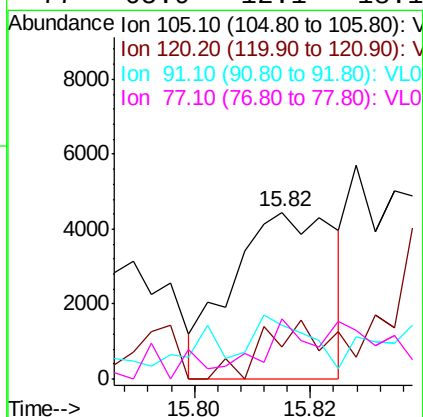
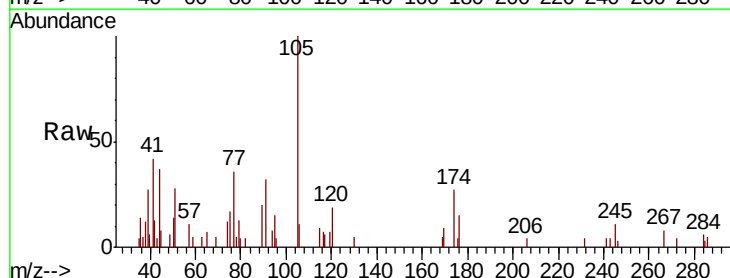
#71
2-Chlorotoluene
Concen: 0.002 ppbv
RT: 15.45 min Scan# 3939
Delta R.T. -0.03 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

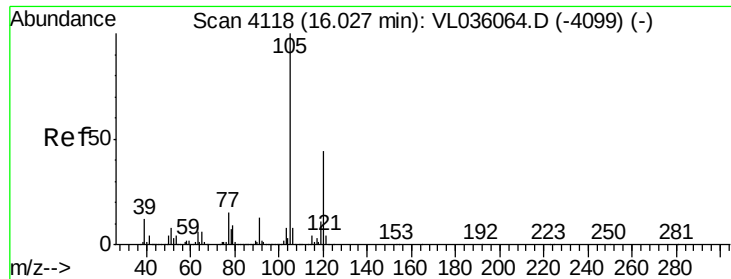
Tot Ion: 91 Resp: 715
Ion Ratio Lower Upper
91 100
126 23.9 11.6 46.4



#72
4-Ethyltoluene
Concen: 0.019 ppbv
RT: 15.82 min Scan# 4052
Delta R.T. -0.05 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

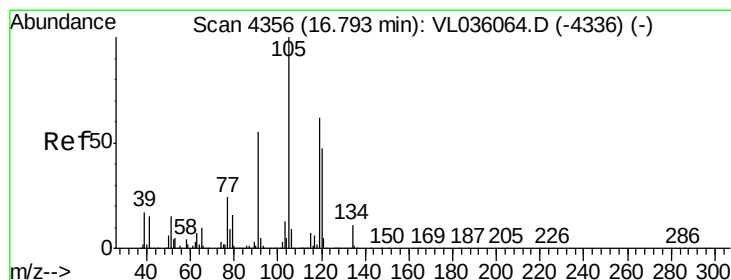
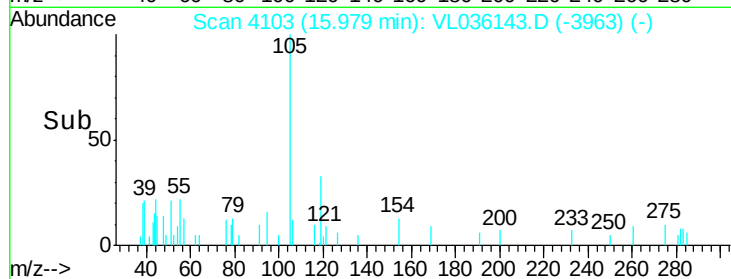
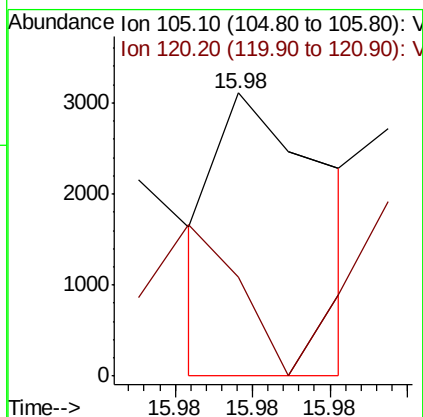
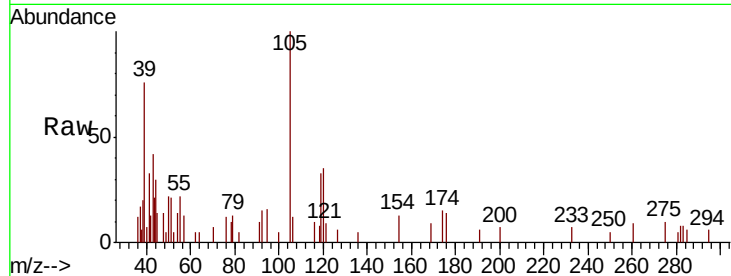
Tgt Ion: 105 Resp: 5424
Ion Ratio Lower Upper
105 100
120 0.0 23.6 35.4#
91 61.0 11.4 17.0#
77 65.9 12.1 18.1#





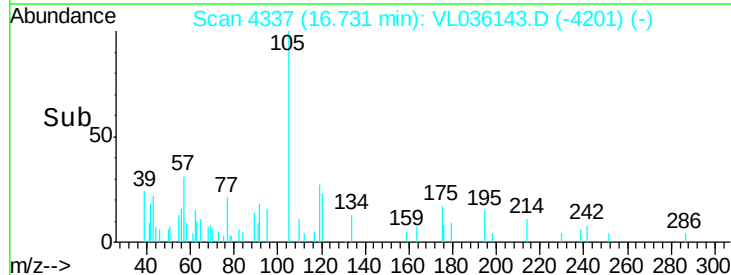
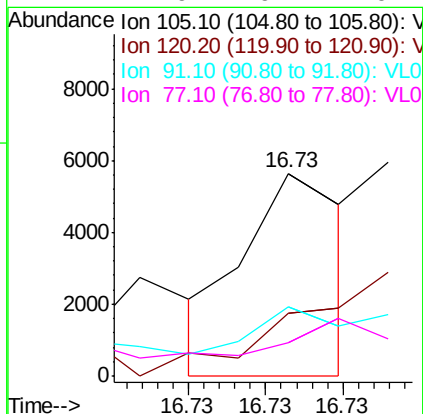
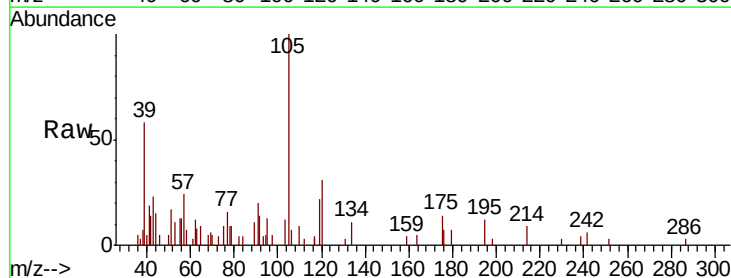
#73
 1,3,5-Trimethylbenzene
 Concen: 0.006 ppbv
 RT: 15.98 min Scan# 4103
 Delta R.T. -0.05 min
 Lab File: VL036143.D
 Acq: 11 Dec 2020 00:48

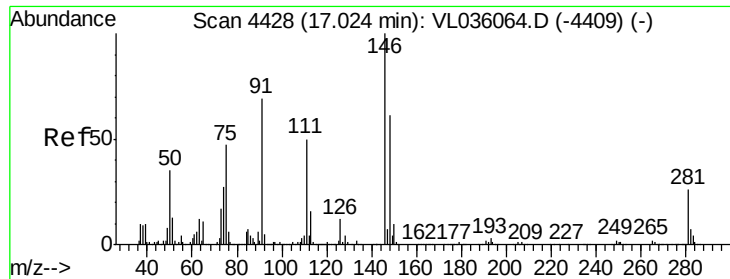
Tot Ion:105 Resp: 1513
 Ion Ratio Lower Upper
 105 100
 120 13.0 35.4 53.2#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.010 ppbv
 RT: 16.73 min Scan# 4337
 Delta R.T. -0.06 min
 Lab File: VL036143.D
 Acq: 11 Dec 2020 00:48

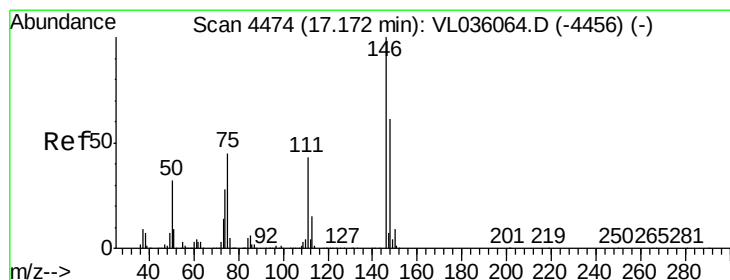
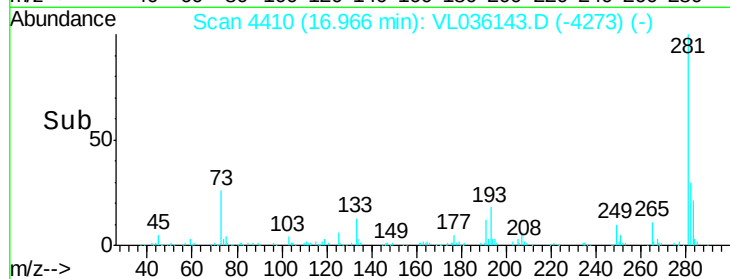
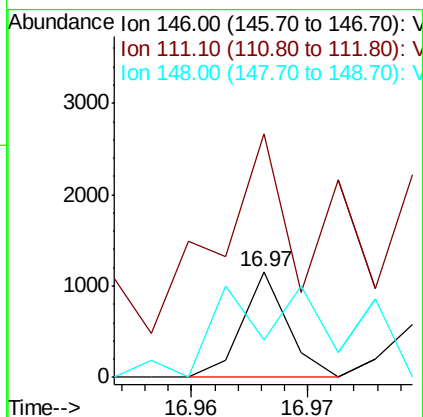
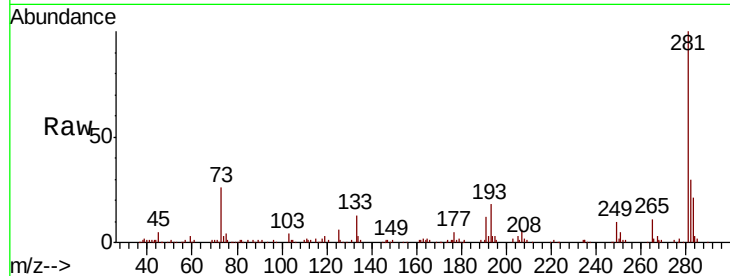
Tgt Ion:105 Resp: 2592
 Ion Ratio Lower Upper
 105 100
 120 27.0 37.4 56.0#
 91 37.5 45.6 68.4#
 77 7.9 19.4 29.2#





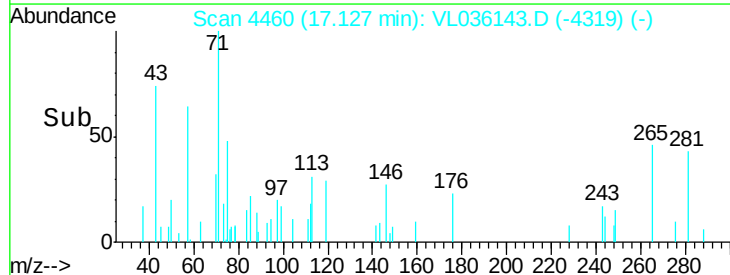
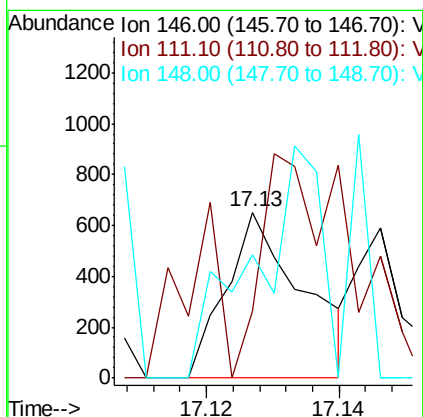
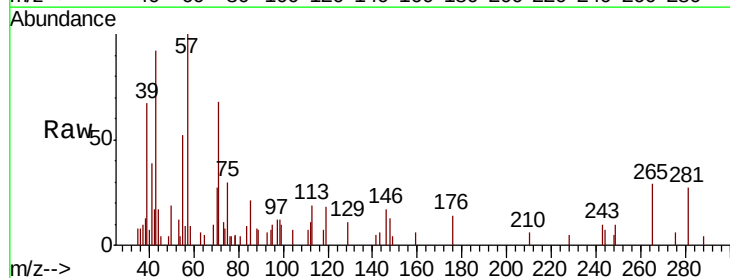
#75
 1,3-Dichlorobenzene
 Concen: 0.002 ppbv
 RT: 16.97 min Scan# 4410
 Delta R.T. -0.06 min
 Lab File: VL036143.D
 Acq: 11 Dec 2020 00:48

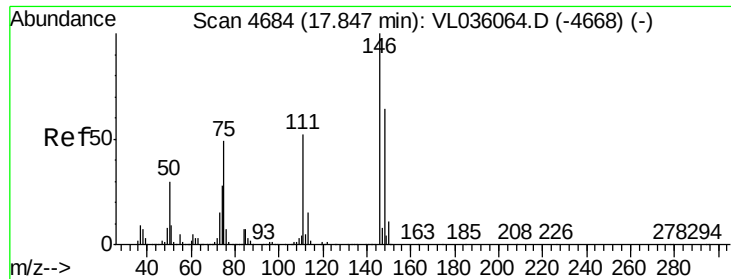
Tot Ion:146 Resp: 311
 Ion Ratio Lower Upper
 146 100
 111 1333.8 25.1 75.3#
 148 253.1 32.9 98.6#



#76
 1,4-Dichlorobenzene
 Concen: 0.004 ppbv
 RT: 17.13 min Scan# 4460
 Delta R.T. -0.05 min
 Lab File: VL036143.D
 Acq: 11 Dec 2020 00:48

Tgt Ion:146 Resp: 521
 Ion Ratio Lower Upper
 146 100
 111 248.2 24.3 72.8#
 148 0.0 32.8 98.3#





#77

1,2-Dichlorobenzene

Concen: 0.001 ppbv

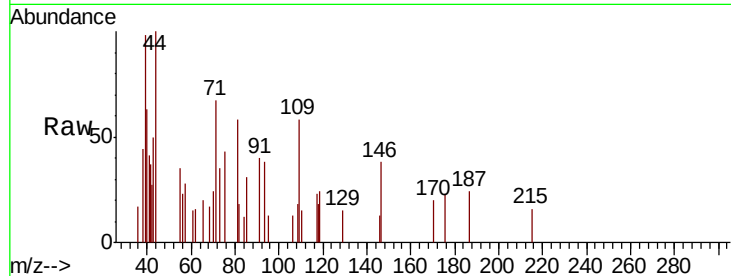
RT: 17.80 min Scan# 4668

Delta R.T. -0.05 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

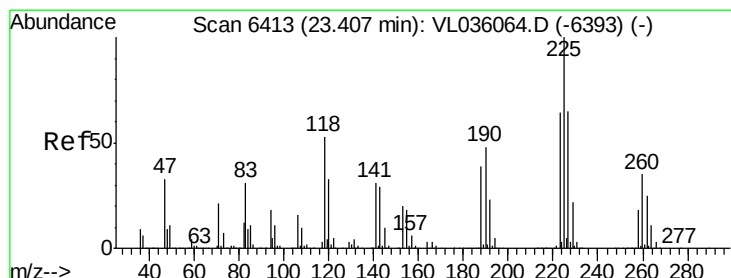
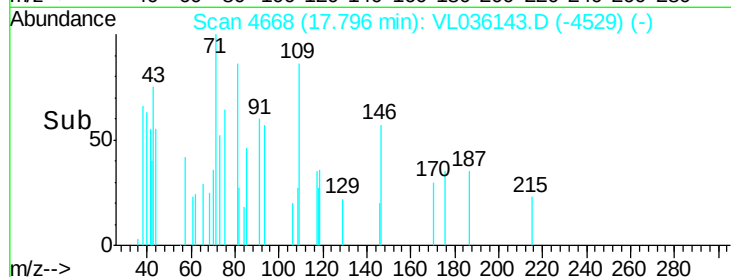
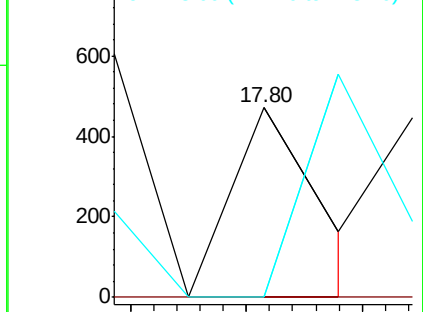
Tot Ion:	146	Resp:	122
Ion	Ratio	Lower	Upper
146	100		
111	0.0	26.1	78.2#
148	0.0	33.1	99.5#



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: 0.001 ppbv

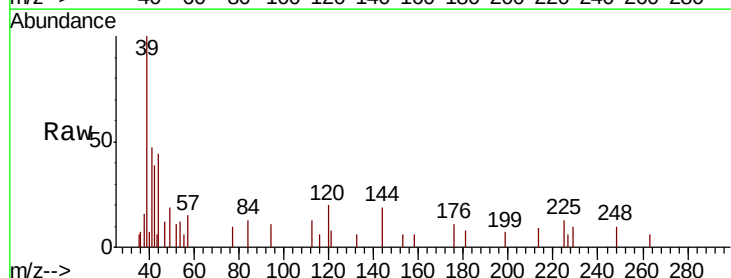
RT: 23.34 min Scan# 6393

Delta R.T. -0.06 min

Lab File: VL036143.D

Acq: 11 Dec 2020 00:48

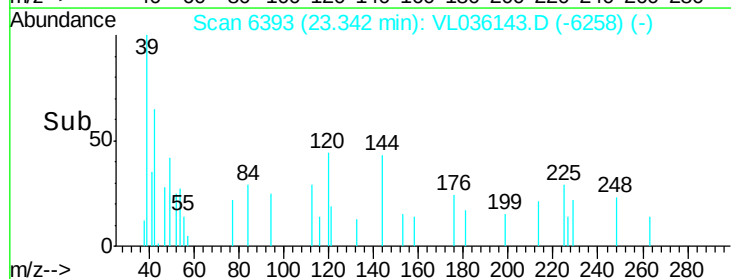
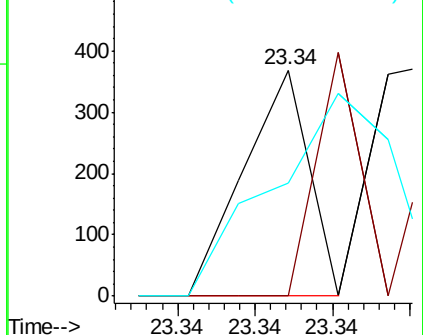
Tgt Ion:	225	Resp:	107
Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.1	76.7#
227	0.0	51.7	77.5#

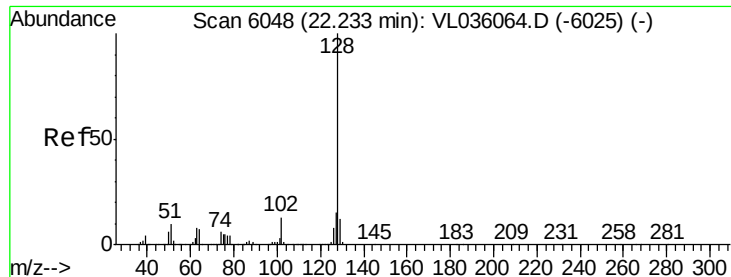


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

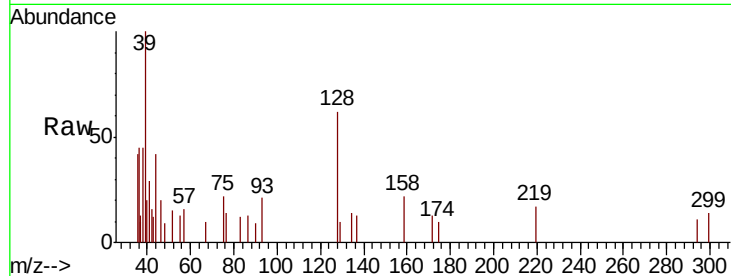
Ion 226.90 (226.60 to 227.60): V



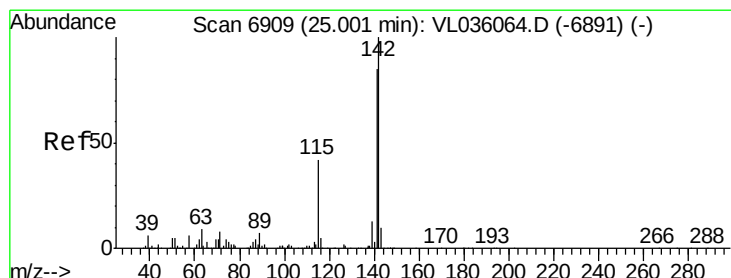
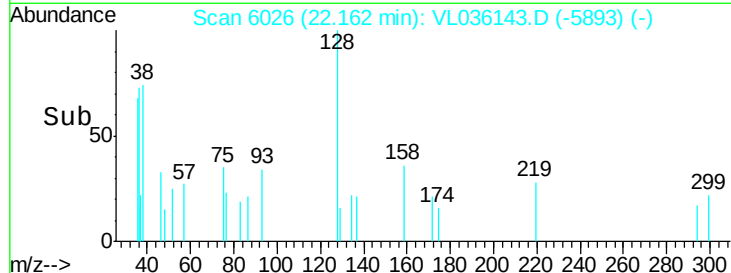
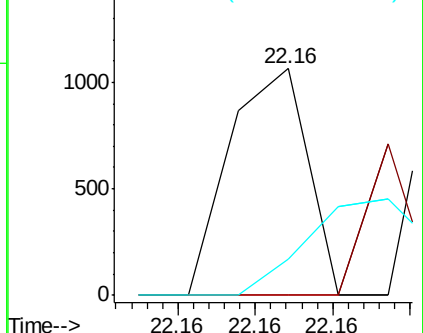


#79
Naphthalene
Concen: 0.003 ppbv
RT: 22.16 min Scan# 6026
Delta R.T. -0.07 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

Tot Ion:128	Resp:	372	
Ion Ratio	Lower	Upper	
128 100			
127 0.0	11.7	17.5#	
129 15.9	9.3	13.9#	

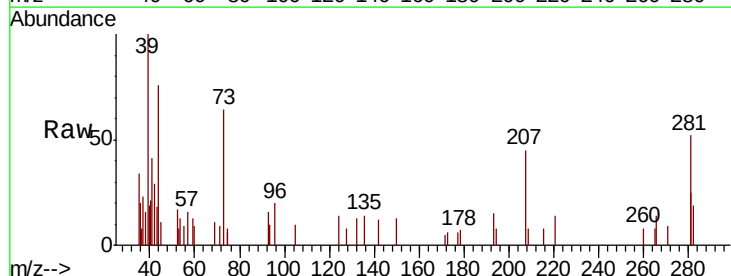


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

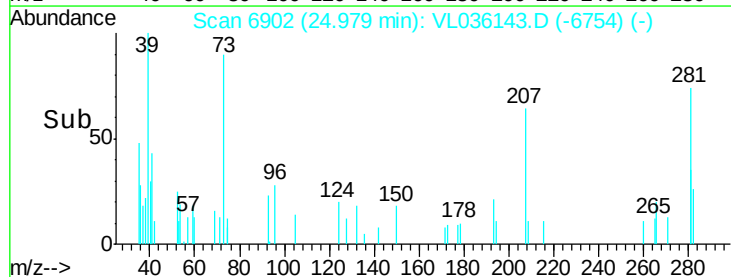
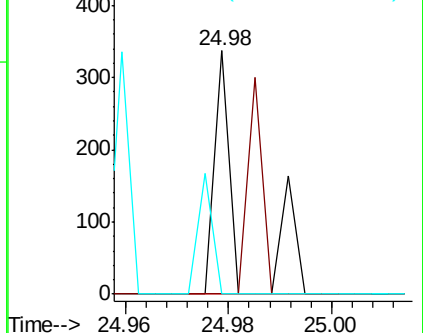


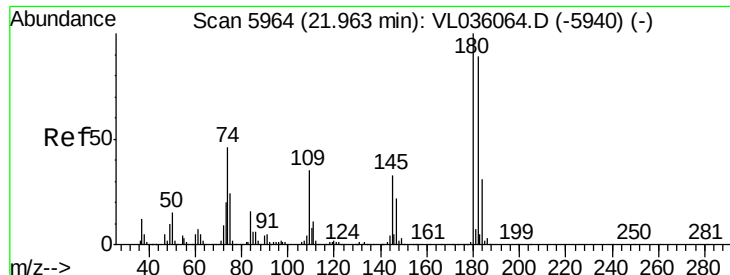
#80
Naphthalene, 2-methyl-
Concen: 0.003 ppbv
RT: 24.98 min Scan# 6902
Delta R.T. -0.02 min
Lab File: VL036143.D
Acq: 11 Dec 2020 00:48

Tgt Ion	142	Resp:	96
Ion	Ratio	Lower	Upper
142	100		
141	0.0	64.3	96.5#
115	209.4	33.9	50.9#



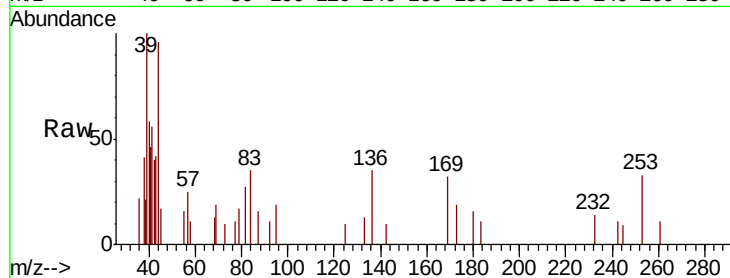
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.001 ppbv
 RT: 21.88 min Scan# 5938
 Delta R.T. -0.08 min
 Lab File: VL036143.D
 Acq: 11 Dec 2020 00:48

Tot Ion:	180	Resp:	84
Ion	Ratio	Lower	Upper
180	100		
182	0.0	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

