

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036136.D
 Acq On : 10 Dec 2020 20:20
 Operator : SY/AP
 Sample : L4948-11DL2 100X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 13 22:45:39 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	1334562	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2678601	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2426847	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2041784	10.60	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.03	85	277697	1.786 ppbv	93
3) Chlorodifluoromethane	2.97	51	3958	0.026 ppbv	98
4) Chloromethane	3.12	50	1261	0.017 ppbv #	42
5) Vinyl Chloride	3.25	62	50	0.001 ppbv #	44
6) Bromomethane	3.47	94	85	0.002 ppbv #	1
7) Chloroethane	3.52	64	136	0.005 ppbv #	40
10) Heptane	8.09	43	611	0.003 ppbv #	29
11) Trichlorofluoromethane	3.95	101	213	0.001 ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.47	101	143	0.001 ppbv #	12
13) Ethanol	3.60	45	55275m	5.257 ppbv	
14) Bromoethene	3.74	108	140	0.003 ppbv #	1
16) 1,3-Butadiene	3.31	39	484	0.006 ppbv	93
17) tert-Butyl alcohol	4.27	59	121	0.001 ppbv #	71
19) Isopropyl Alcohol	3.97	45	1719	0.018 ppbv #	100
21) Allyl Chloride	4.39	41	761	0.007 ppbv #	18
22) trans-1,2-Dichloroethene	4.87	96	1000	0.018 ppbv #	3
23) Vinyl Acetate	5.06	43	958	0.004 ppbv #	82
25) Ethyl Acetate	5.65	43	1146	0.004 ppbv #	75
27) Carbon Disulfide	4.54	76	1232	0.009 ppbv #	59
28) Methyl tert-Butyl Ether	5.01	73	113	0.001 ppbv #	51
29) Chloroform	5.75	83	980	0.005 ppbv	99
30) Cyclohexane	7.10	84	723	0.007 ppbv #	1
31) cis-1,2-Dichloroethene	5.53	61	105792m	0.807 ppbv	
32) 1,1,1-Trichloroethane	6.49	97	23119m	0.118 ppbv	
34) 2-Butanone	5.23	43	3189	0.018 ppbv #	56
35) Carbon Tetrachloride	7.01	117	116	0.001 ppbv #	1
37) 1,2-Dichloroethane	6.30	62	382	0.003 ppbv #	83
38) Trichloroethene	7.82	130	102798m	1.211 ppbv	
40) 1,4-Dioxane	7.78	88	153	0.005 ppbv #	1
41) Tetrahydrofuran	6.02	42	40	0.000 ppbv #	40
42) Bromodichloromethane	7.76	83	730	0.004 ppbv #	63
43) Methyl Methacrylate	8.02	69	230	0.002 ppbv #	1
44) 2,2,4-Trimethylpentane	7.85	57	1016	0.002 ppbv #	1
45) t-1,3-Dichloropropene	9.26	75	63	0.001 ppbv #	42
46) cis-1,3-Dichloropropene	8.70	75	384	0.003 ppbv #	1
47) 1,1,2-Trichloroethane	9.45	97	237	0.003 ppbv #	36
48) Dibromochloromethane	10.46	129	133	0.001 ppbv	86
49) Bromoform	13.01	173	237	0.002 ppbv	89
50) 4-Methyl-2-Pentanone	8.73	43	283	0.001 ppbv #	40
51) 2-Hexanone	10.10	43	196	0.001 ppbv #	29
52) Tetrachloroethene	11.21	164	556462	6.772 ppbv	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036136.D
 Acq On : 10 Dec 2020 20:20
 Operator : SY/AP
 Sample : L4948-11DL2 100X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 13 22:45:39 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

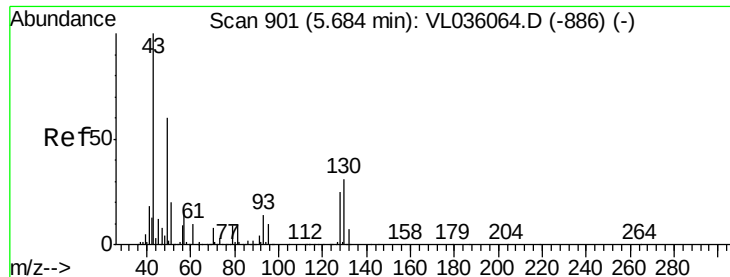
QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration

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

53) Toluene	9.78	91	3794	0.015	ppbv #	21
54) 1,2-Dibromoethane	10.61	107	224	0.002	ppbv	85
56) 1,1,1,2-Tetrachloroethane	12.12	131	132	0.001	ppbv #	8
57) Chlorobenzene	12.14	112	762	0.004	ppbv #	82
58) Ethyl Benzene	12.70	91	2768	0.008	ppbv #	46
59) m/p-Xylene	12.98	91	926	0.003	ppbv #	34
60) o-Xylene	13.68	91	1691	0.006	ppbv #	1
61) Styrene	13.51	104	279	0.002	ppbv #	25
62) Isopropylbenzene	14.40	105	1293	0.003	ppbv	91
63) 1,1,2,2-Tetrachloroethane	13.66	83	627	0.004	ppbv #	25
64) n-propylbenzene	15.54	120	220	0.002	ppbv #	1
65) tert-Butylbenzene	16.72	119	176	0.001	ppbv #	15
66) Benzyl Chloride	16.96	91	75	0.001	ppbv #	66
67) sec-Butylbenzene	17.27	105	488	0.001	ppbv #	60
69) p-Isopropyltoluene	17.62	119	270	0.001	ppbv #	46
70) n-Butylbenzene	18.52	91	95	0.000	ppbv #	1
71) 2-Chlorotoluene	15.44	91	864	0.003	ppbv	90
72) 4-Ethyltoluene	15.82	105	358	0.001	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.97	105	267	0.001	ppbv #	32
74) 1,2,4-Trimethylbenzene	16.73	105	1071	0.004	ppbv #	71
75) 1,3-Dichlorobenzene	16.97	146	94	0.001	ppbv #	1
76) 1,4-Dichlorobenzene	17.11	146	210	0.002	ppbv #	22
77) 1,2-Dichlorobenzene	17.86	146	247	0.002	ppbv	82
78) Hexachloro-1,3-Butadiene	23.34	225	163	0.002	ppbv #	18
79) Naphthalene	22.18	128	51	0.000	ppbv #	1
80) Naphthalene,2-methyl-	25.00	142	40	0.001	ppbv #	35
81) 1,2,4-Trichlorobenzene	21.90	180	235	0.003	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: VL036136.D

Acq: 10 Dec 2020 20:20

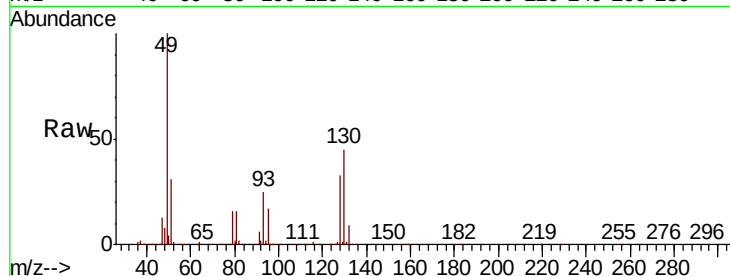
Tot Ion: 49 Resp: 1334562

Ion	Ratio	Lower	Upper
49	100		
128	36.7	21.1	63.1
130	46.1	27.1	81.3

49 100

128 36.7 21.1 63.1

130 46.1 27.1 81.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

800000

600000

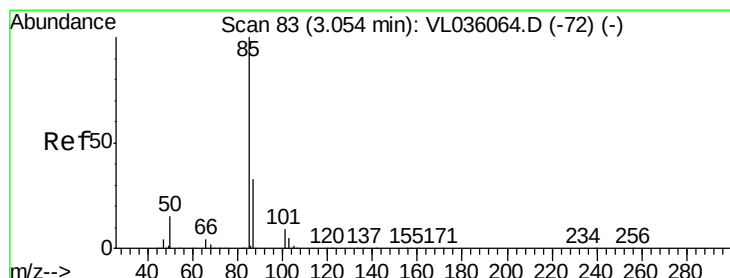
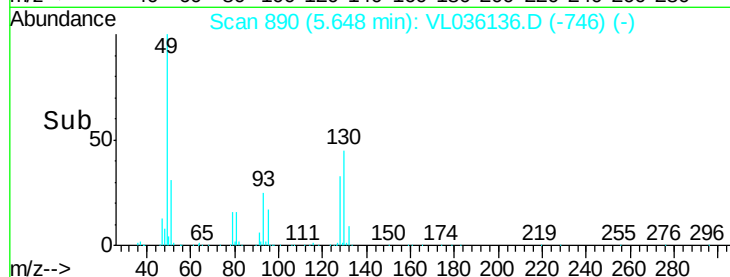
400000

200000

0

5.60 5.65 5.70 5.75

Time-->



#2

Dichlorodifluoromethane

Concen: 1.786 ppbv

RT: 3.03 min Scan# 76

Delta R.T. -0.02 min

Lab File: VL036136.D

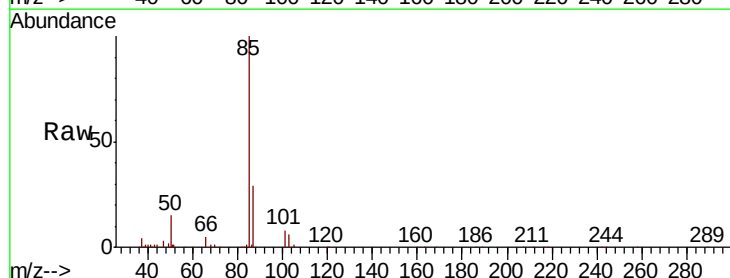
Acq: 10 Dec 2020 20:20

Tgt Ion: 85 Resp: 277697

Ion	Ratio	Lower	Upper
85	100		
87	29.1	26.5	39.7

85 100

87 29.1 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

150000

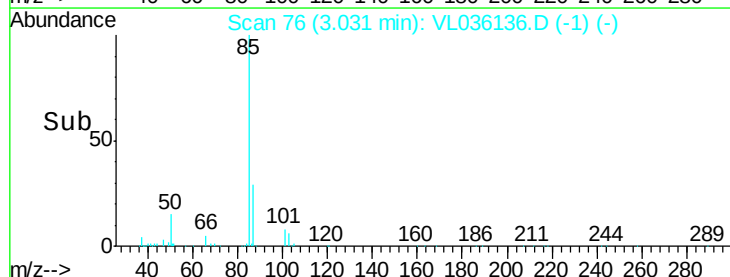
100000

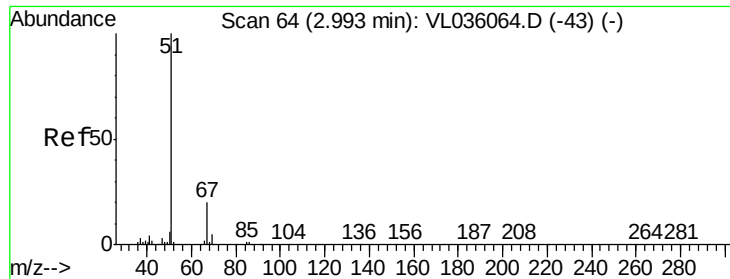
50000

0

3.00 3.05 3.10

Time-->





#3

Chlorodifluoromethane

Concen: 0.026 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.02 min

Lab File: VL036136.D

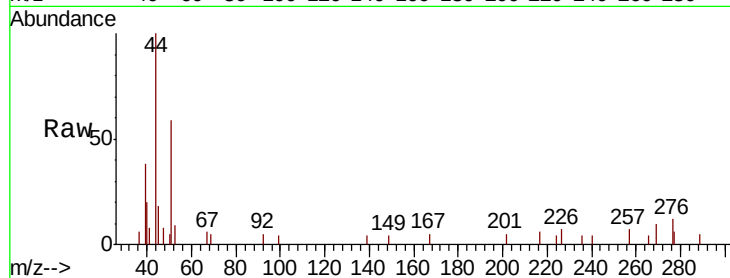
Acq: 10 Dec 2020 20:20

Tot Ion: 51 Resp: 3958

Ion Ratio Lower Upper

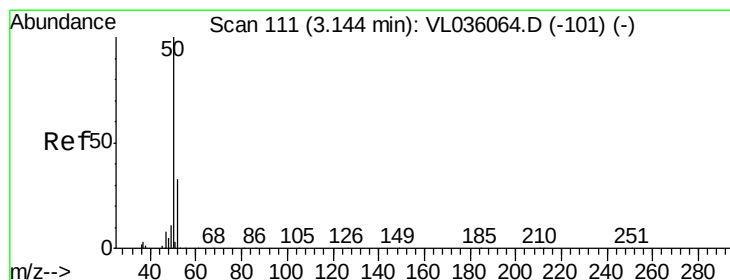
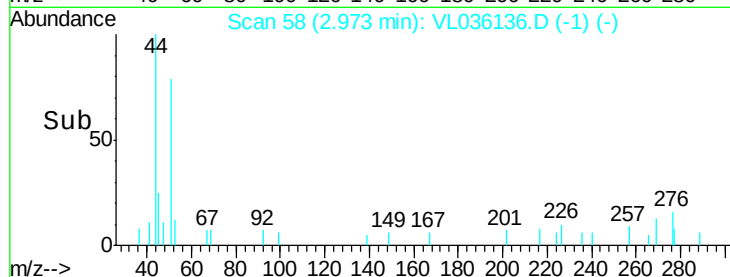
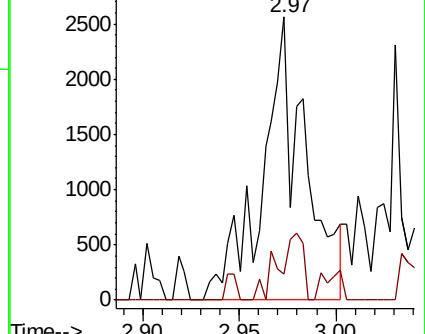
51 100

67 17.2 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: 0.017 ppbv

RT: 3.12 min Scan# 105

Delta R.T. -0.02 min

Lab File: VL036136.D

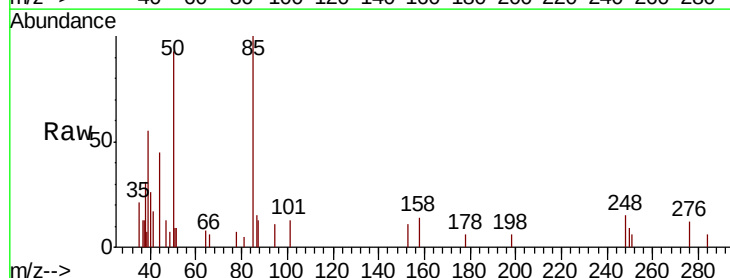
Acq: 10 Dec 2020 20:20

Tgt Ion: 50 Resp: 1261

Ion Ratio Lower Upper

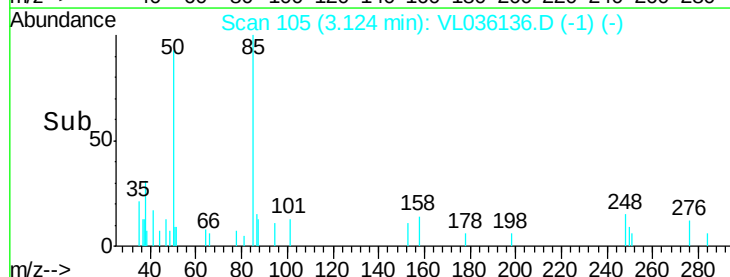
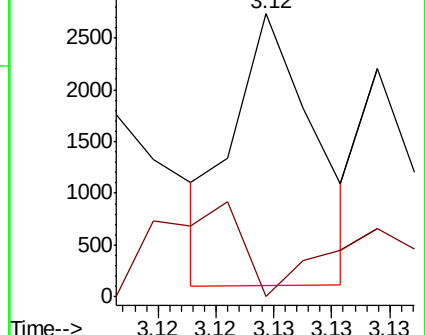
50 100

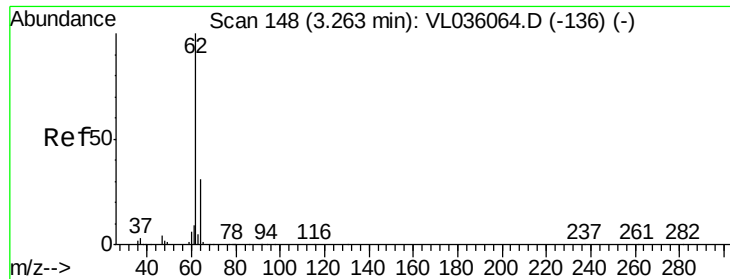
52 0.0 26.1 39.1#



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: 3.25 min Scan# 143

Delta R.T. -0.02 min

Lab File: VL036136.D

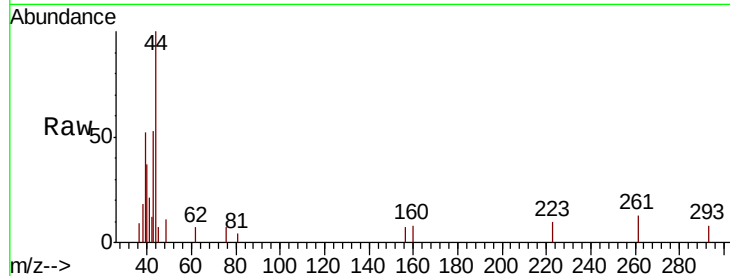
Acq: 10 Dec 2020 20:20

Tot Ion: 62 Resp: 50

Ion Ratio Lower Upper

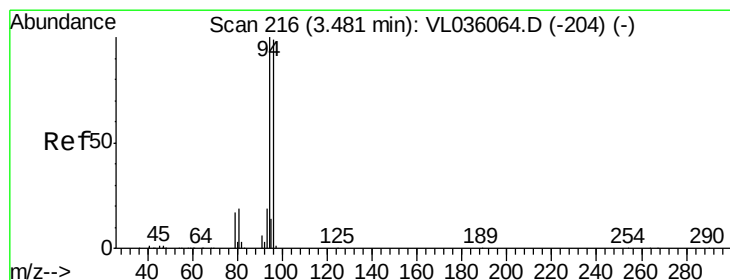
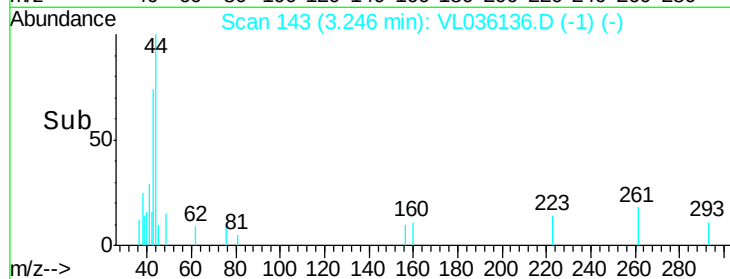
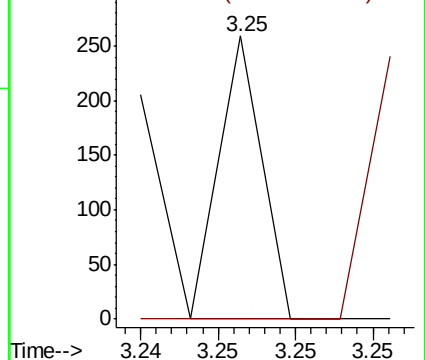
62 100

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: 0.002 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.01 min

Lab File: VL036136.D

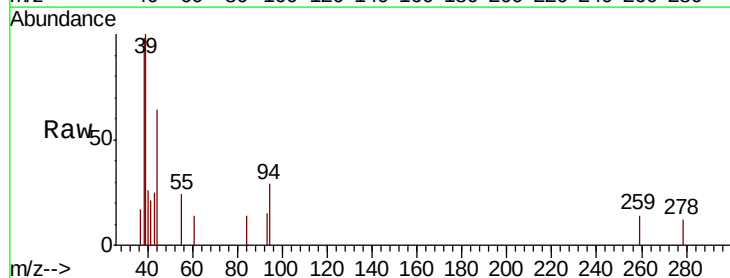
Acq: 10 Dec 2020 20:20

Tgt Ion: 94 Resp: 85

Ion Ratio Lower Upper

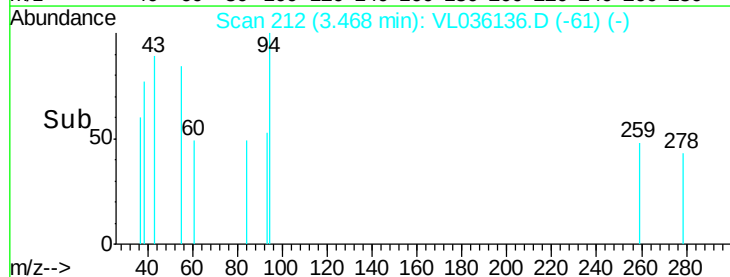
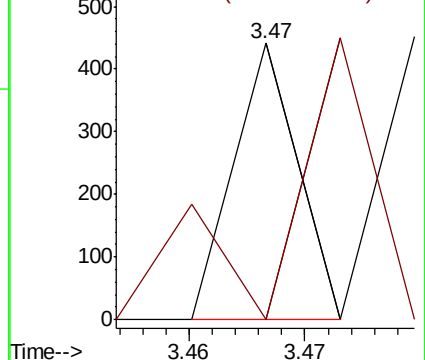
94 100

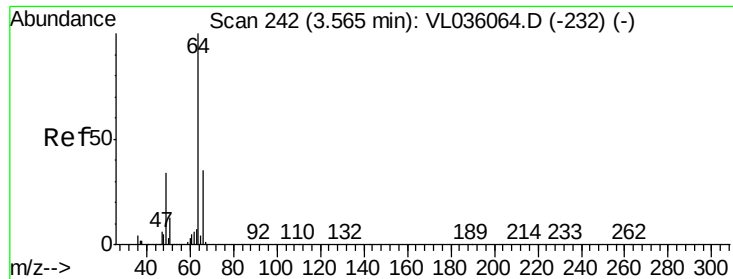
96 0.0 79.4 119.0#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.005 ppbv

RT: 3.52 min Scan# 229

Delta R.T. -0.04 min

Lab File: VL036136.D

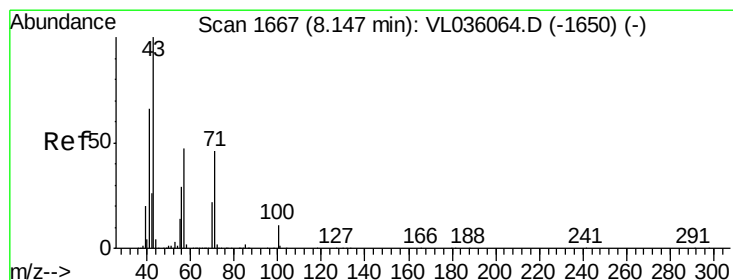
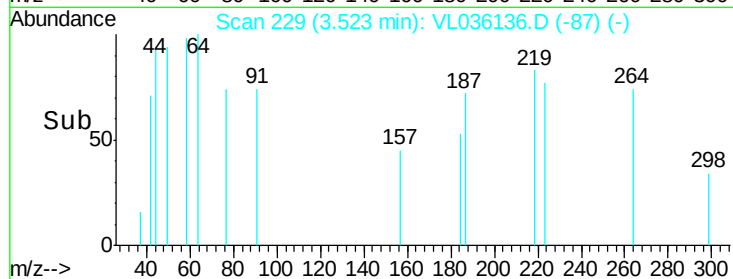
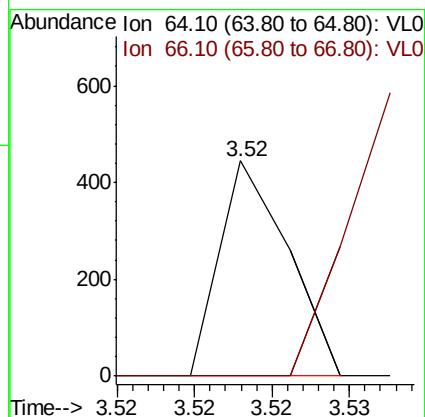
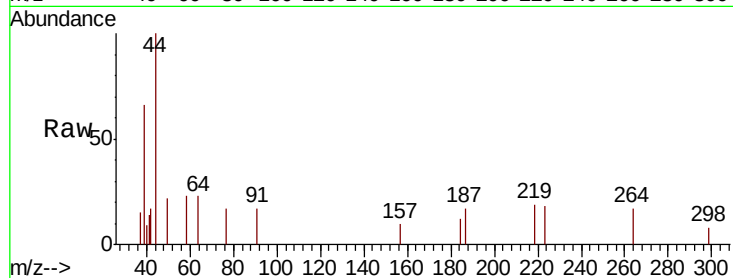
Acq: 10 Dec 2020 20:20

Tot Ion: 64 Resp: 136

Ion Ratio Lower Upper

64 100

66 0.0 27.7 41.5#



#10

Heptane

Concen: 0.003 ppbv

RT: 8.09 min Scan# 1650

Delta R.T. -0.05 min

Lab File: VL036136.D

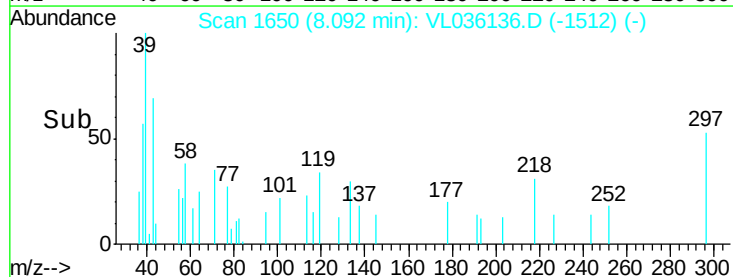
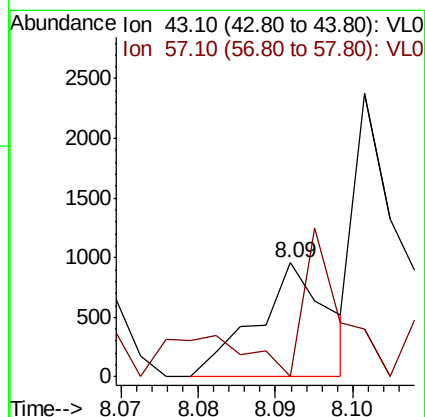
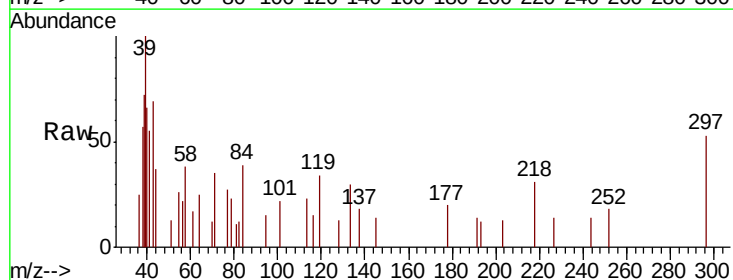
Acq: 10 Dec 2020 20:20

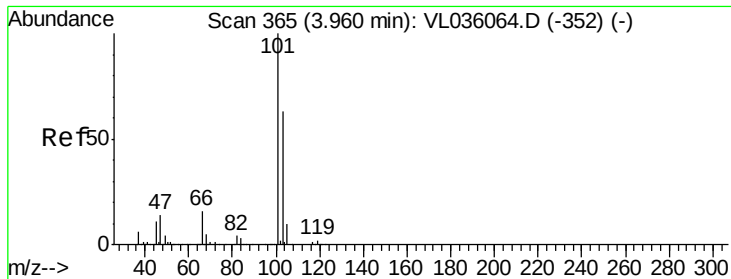
Tgt Ion: 43 Resp: 611

Ion Ratio Lower Upper

43 100

57 0.0 37.9 56.9#





#11

Trichlorofluoromethane

Concen: 0.001 ppbv

RT: 3.95 min Scan# 362

Delta R.T. -0.01 min

Lab File: VL036136.D

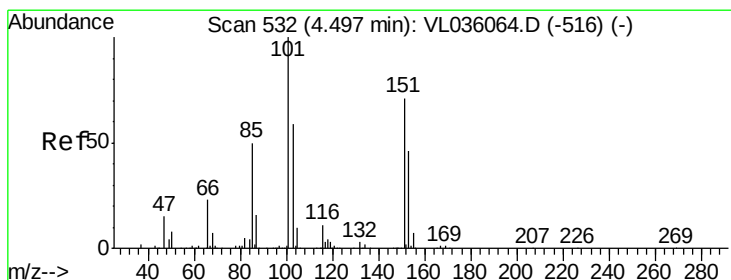
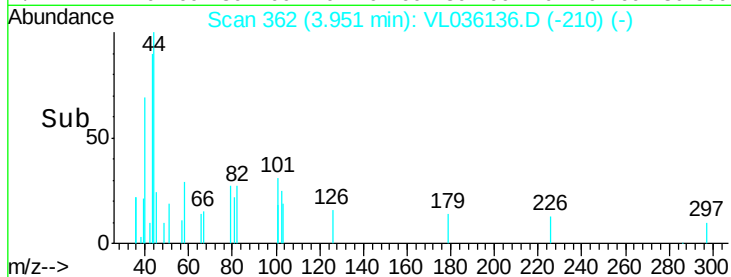
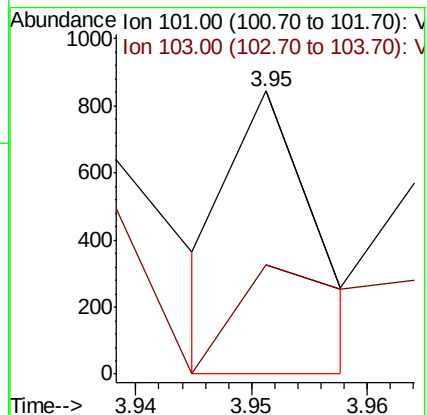
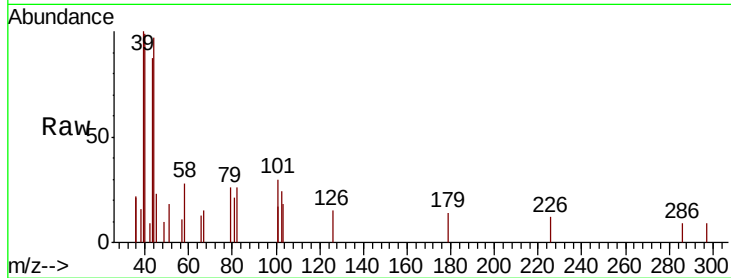
Acq: 10 Dec 2020 20:20

Tot Ion:101 Resp: 213

Ion Ratio Lower Upper

101 100

103 55.9 50.3 75.5



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.001 ppbv

RT: 4.47 min Scan# 523

Delta R.T. -0.03 min

Lab File: VL036136.D

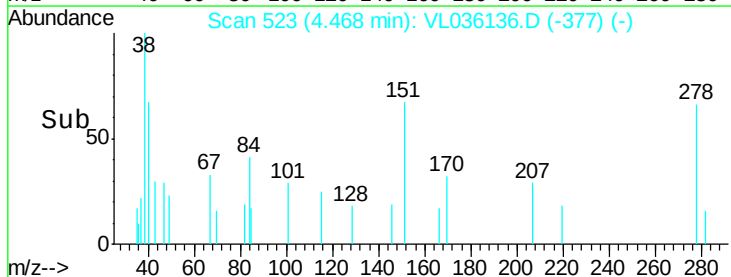
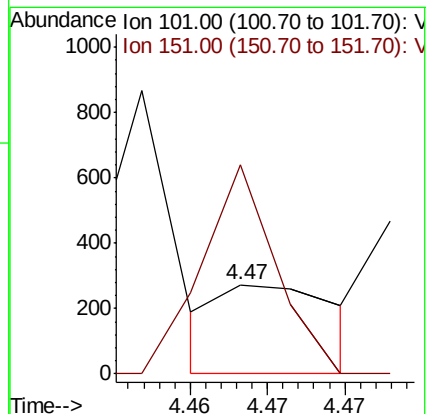
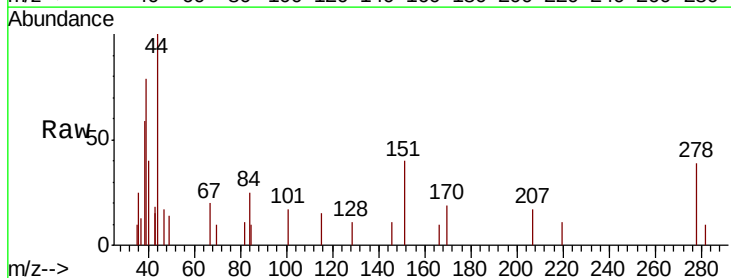
Acq: 10 Dec 2020 20:20

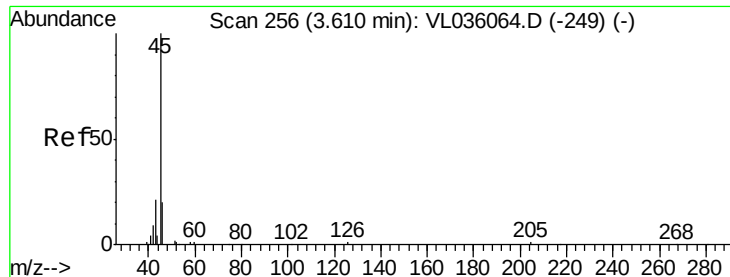
Tgt Ion:101 Resp: 143

Ion Ratio Lower Upper

101 100

151 149.0 59.3 88.9#





#13

Ethanol

Concen: 5.257 ppbv m

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL036136.D

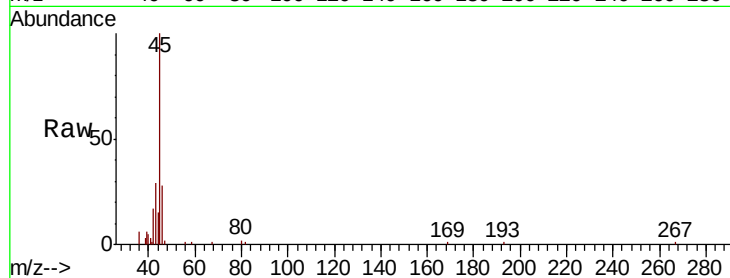
Acq: 10 Dec 2020 20:20

Tot Ion: 45 Resp: 55275

Ion Ratio Lower Upper

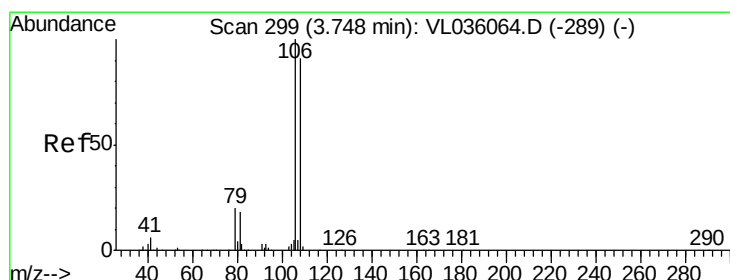
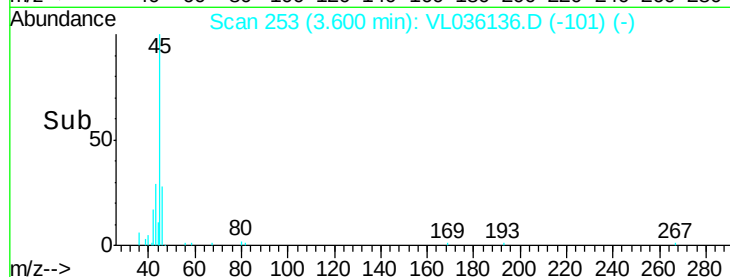
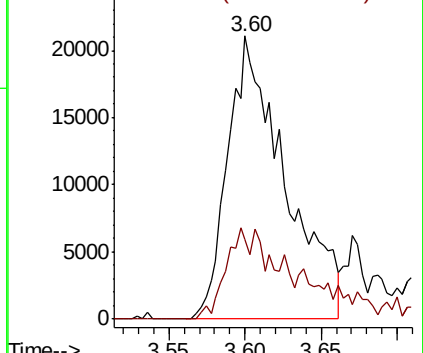
45 100

46 39.6 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: 3.74 min Scan# 297

Delta R.T. -0.01 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

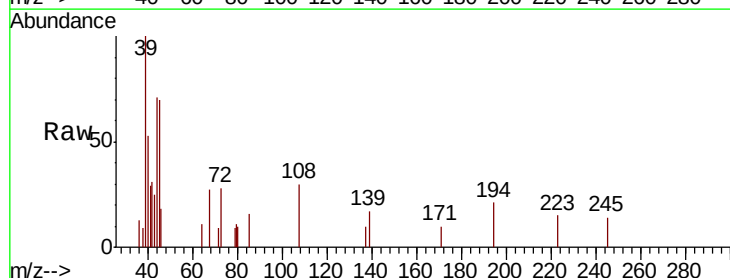
Tgt Ion: 108 Resp: 140

Ion Ratio Lower Upper

108 100

106 222.9 91.0 136.4#

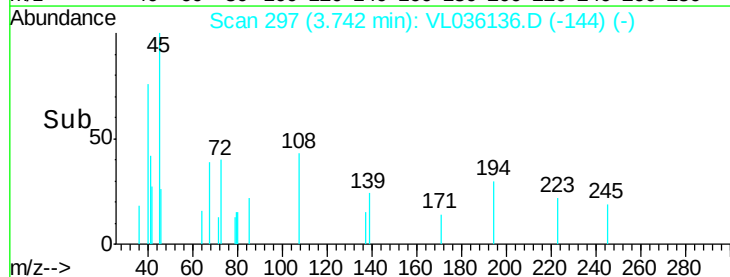
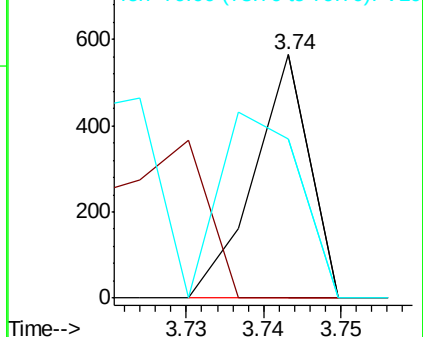
79 263.6 19.3 28.9#

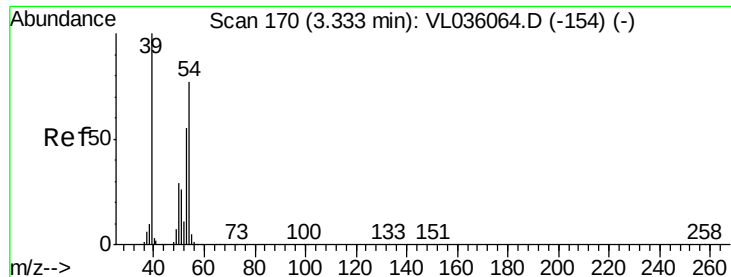


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#16

1,3-Butadiene

Concen: 0.006 ppbv

RT: 3.31 min Scan# 164

Delta R.T. -0.02 min

Lab File: VL036136.D

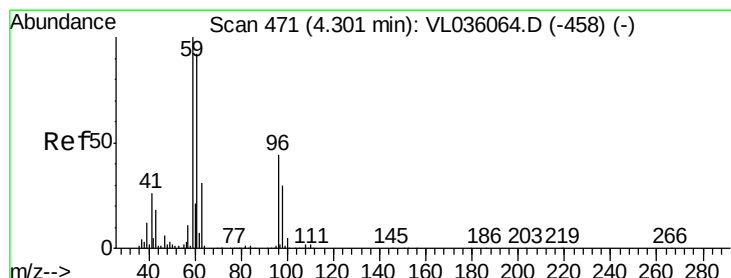
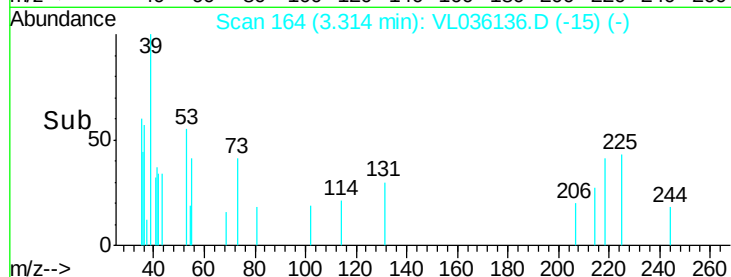
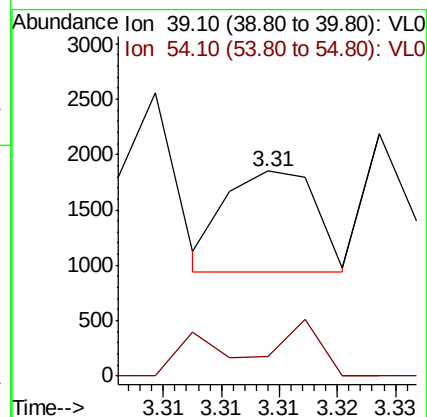
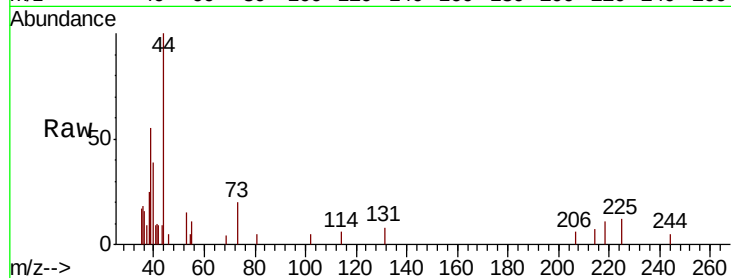
Acq: 10 Dec 2020 20:20

Tot Ion: 39 Resp: 484

Ion Ratio Lower Upper

39 100

54 83.9 62.1 93.1



#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 4.27 min Scan# 462

Delta R.T. -0.03 min

Lab File: VL036136.D

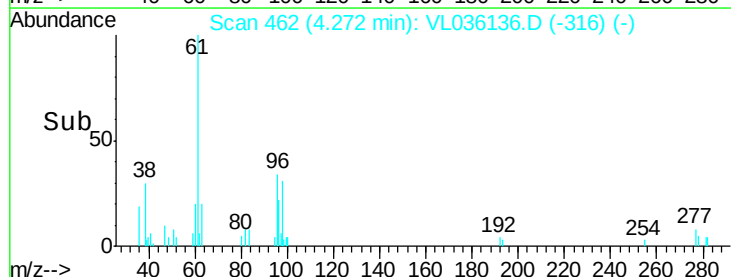
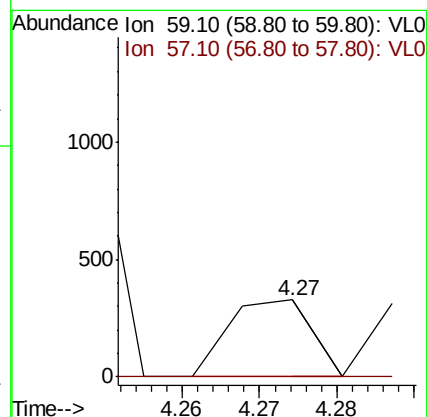
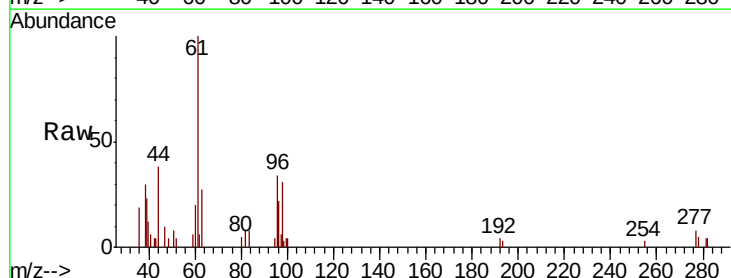
Acq: 10 Dec 2020 20:20

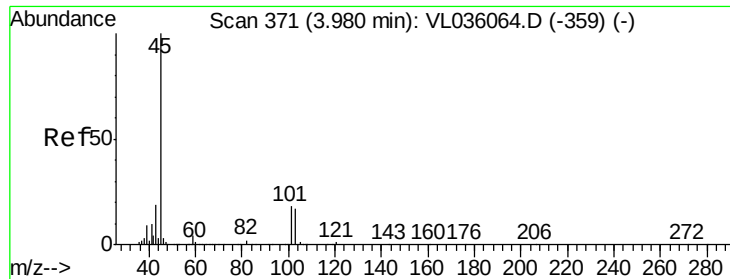
Tgt Ion: 59 Resp: 121

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#





#19

Isopropyl Alcohol

Concen: 0.018 ppbv

RT: 3.97 min Scan# 368

Delta R.T. -0.01 min

Lab File: VL036136.D

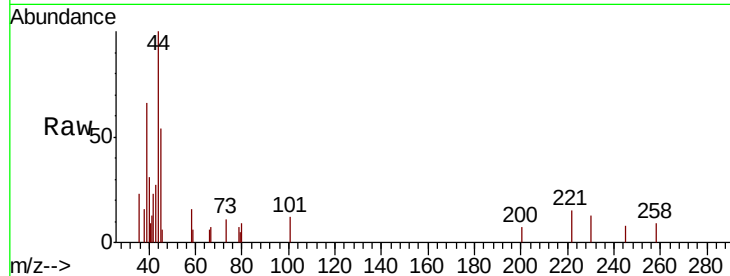
Acq: 10 Dec 2020 20:20

Tot Ion: 45 Resp: 1719

Ion Ratio Lower Upper

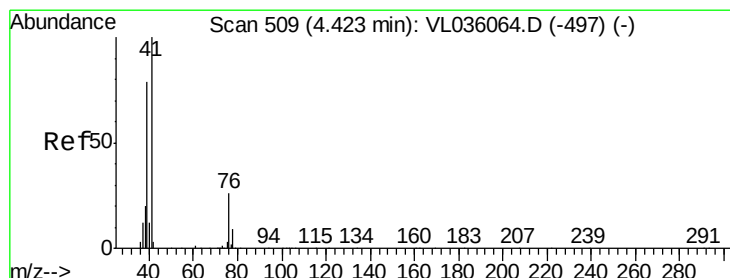
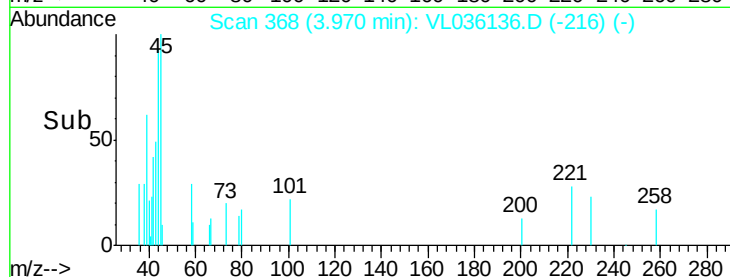
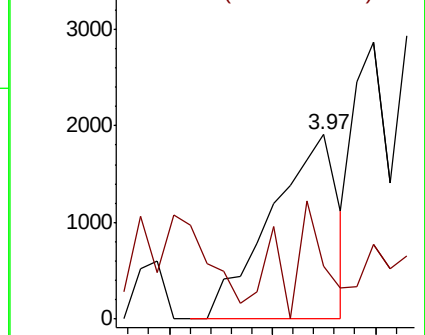
45 100

58 74.8 0.0 0.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#21

Allyl Chloride

Concen: 0.007 ppbv

RT: 4.39 min Scan# 500

Delta R.T. -0.03 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

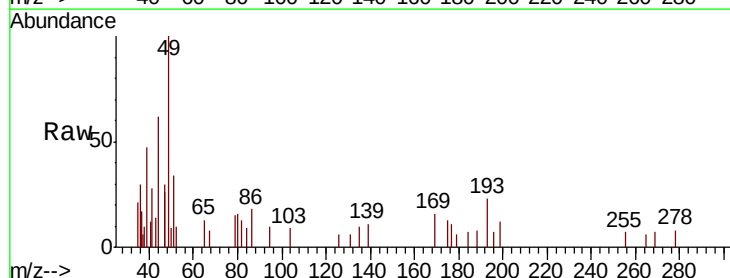
Tgt Ion: 41 Resp: 761

Ion Ratio Lower Upper

41 100

76 0.0 21.0 31.4#

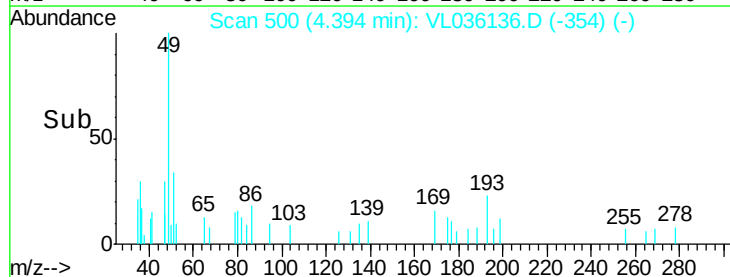
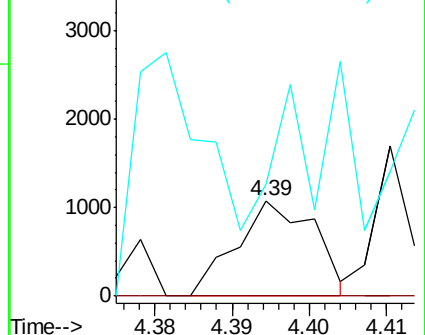
39 0.0 66.0 99.0#

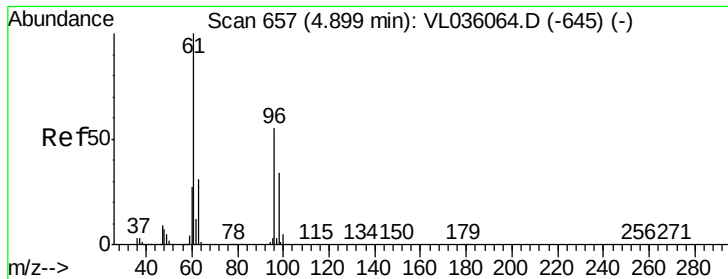


Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0





#22

trans-1,2-Dichloroethene

Concen: 0.018 ppbv

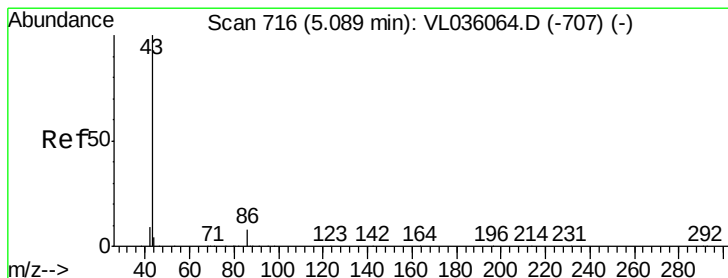
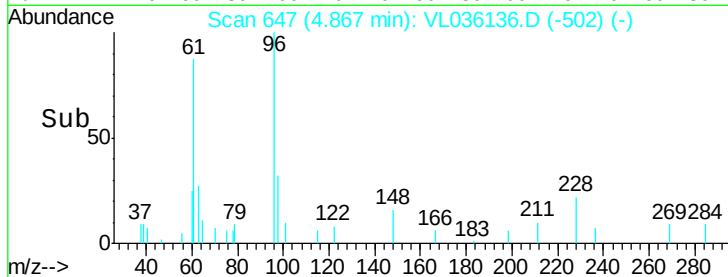
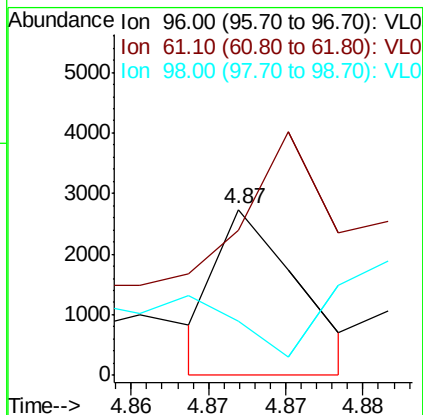
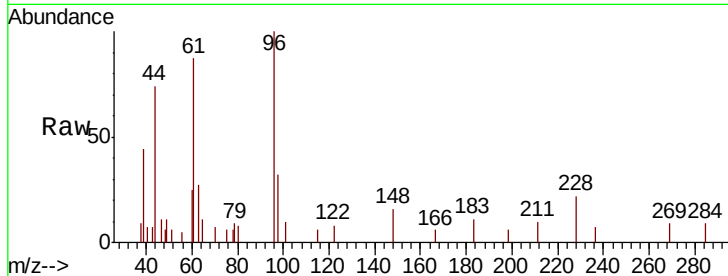
RT: 4.87 min Scan# 647

Delta R.T. -0.03 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tot Ion:	96	Resp:	1000
Ion	Ratio	Lower	Upper
96	100		
61	35.3	145.7	218.5#
98	0.0	49.2	73.8#



#23

Vinyl Acetate

Concen: 0.004 ppbv

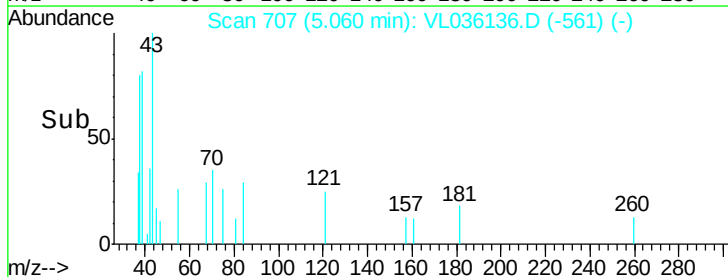
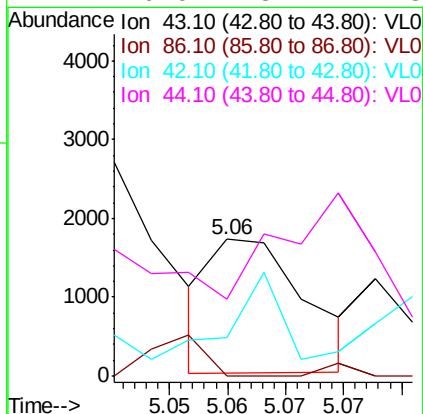
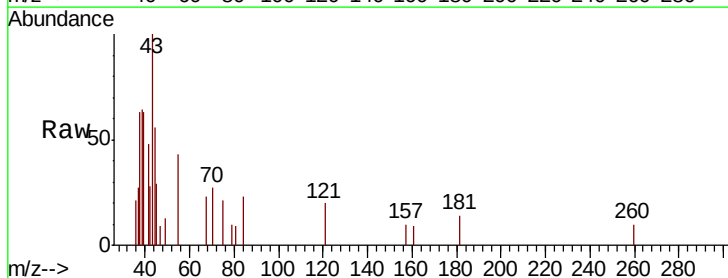
RT: 5.06 min Scan# 707

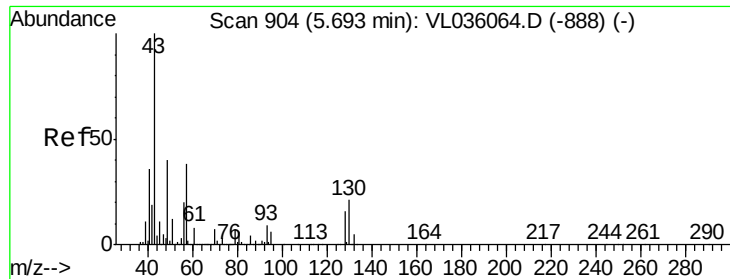
Delta R.T. -0.03 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

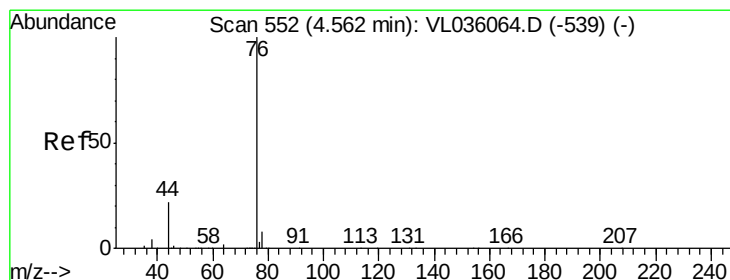
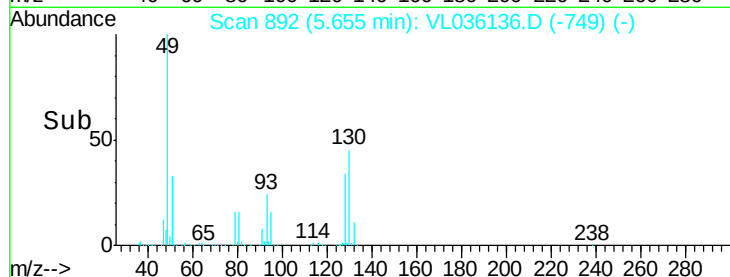
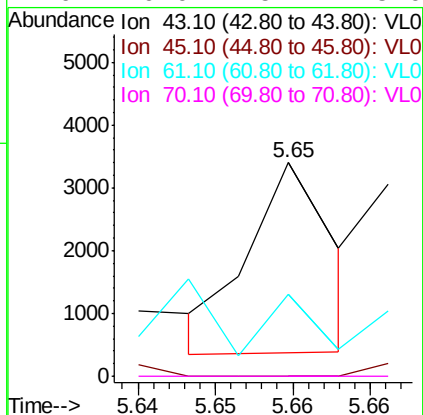
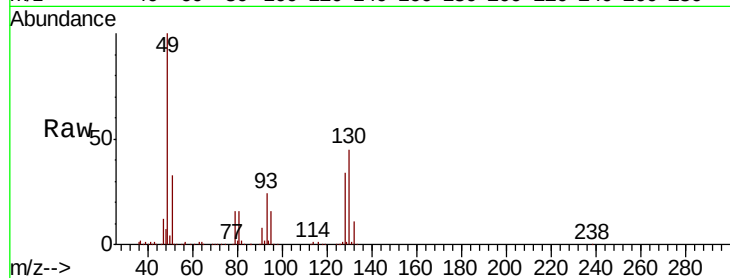
Tgt Ion:	43	Resp:	958
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.4#
42	2.2	7.8	11.6#
44	0.0	3.2	4.8#





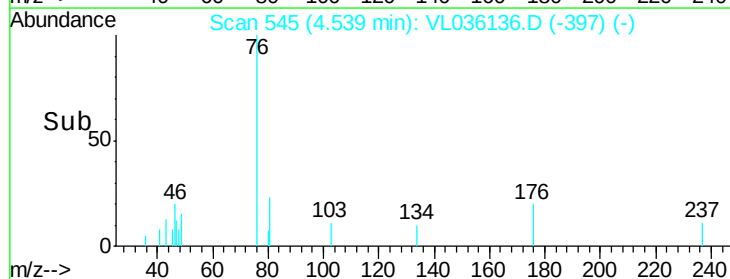
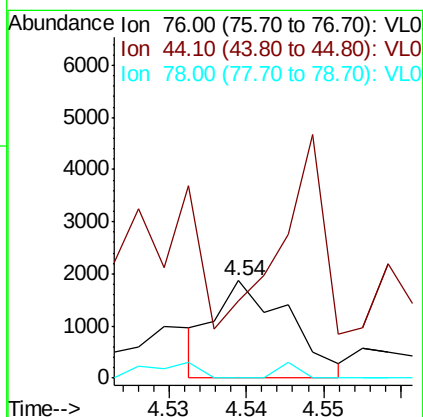
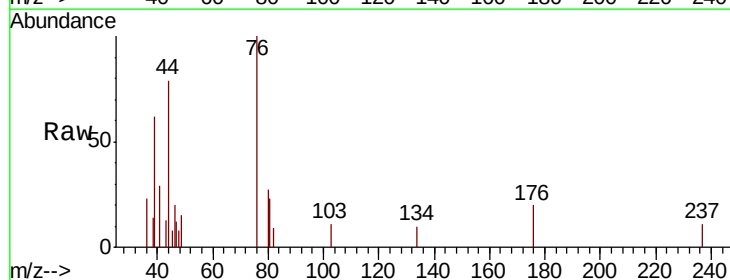
#25
Ethyl Acetate
Concen: 0.004 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.04 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

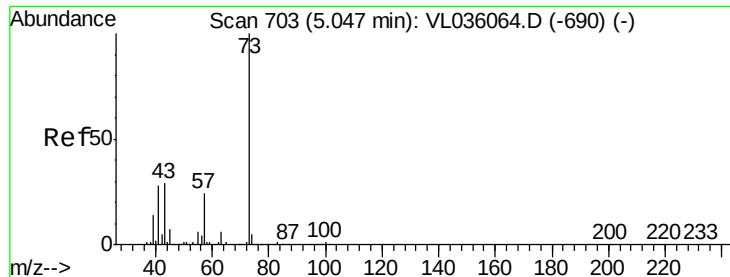
Tot Ion:	43	Resp:	1146
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.4#
61	0.0	7.4	11.2#
70	0.0	5.4	8.0#



#27
Carbon Disulfide
Concen: 0.009 ppbv
RT: 4.54 min Scan# 545
Delta R.T. -0.02 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

Tgt Ion:	76	Resp:	1232
Ion	Ratio	Lower	Upper
76	100		
44	0.0	17.9	26.9#
78	0.0	7.8	11.8#

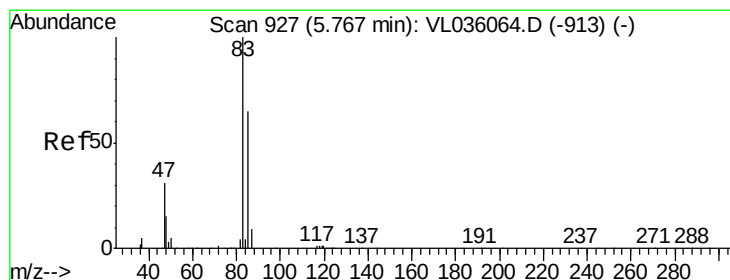
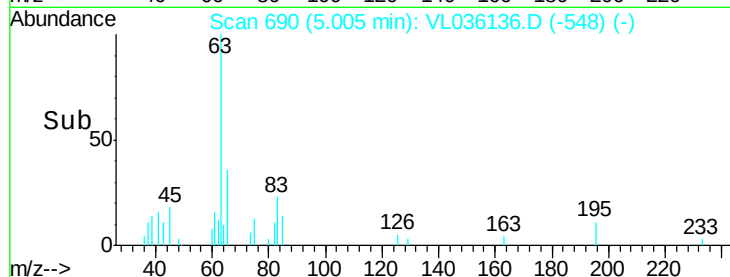
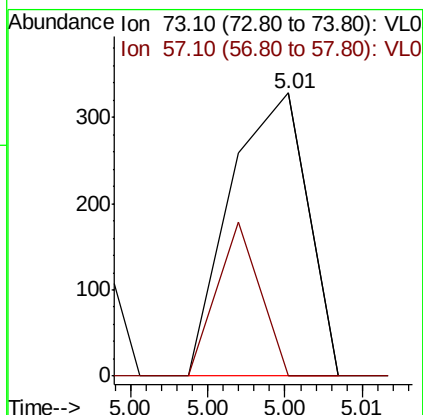
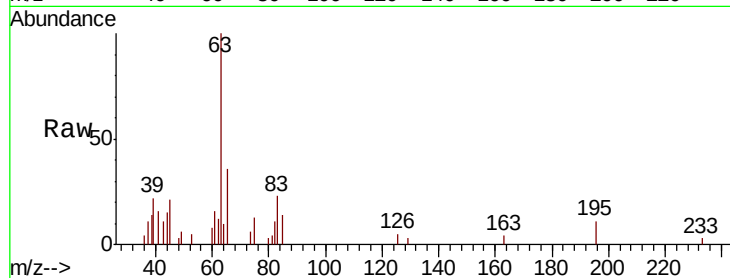




#28

Methyl tert-Butyl Ether
 Concen: 0.001 ppbv
 RT: 5.01 min Scan# 690
 Delta R.T. -0.04 min
 Lab File: VL036136.D
 Acq: 10 Dec 2020 20:20

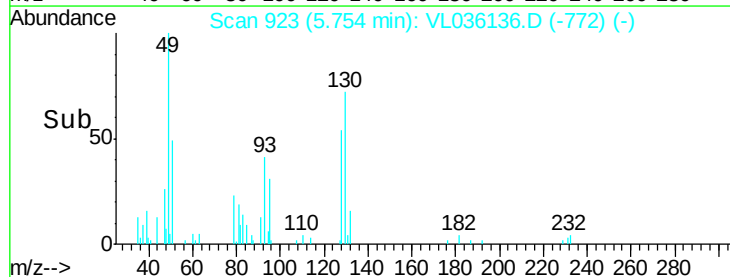
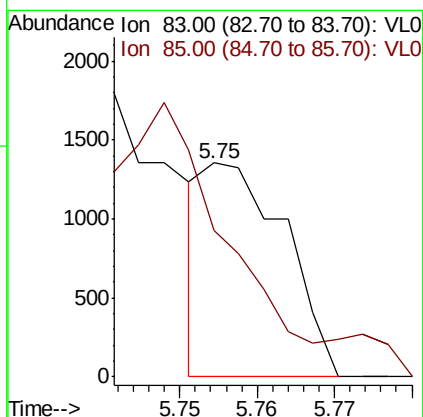
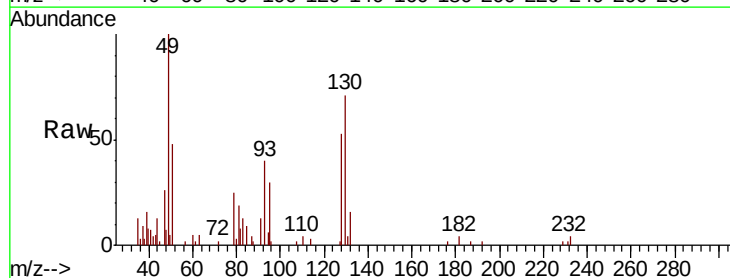
Tot Ion: 73 Resp: 113
 Ion Ratio Lower Upper
 73 100
 57 0.0 19.2 28.8#

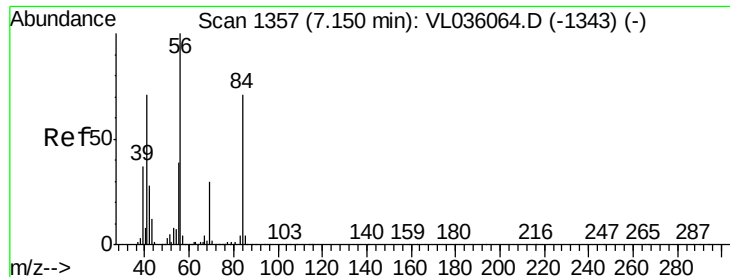


#29

Chloroform
 Concen: 0.005 ppbv
 RT: 5.75 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: VL036136.D
 Acq: 10 Dec 2020 20:20

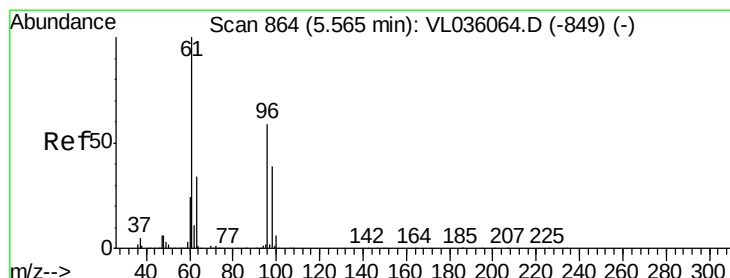
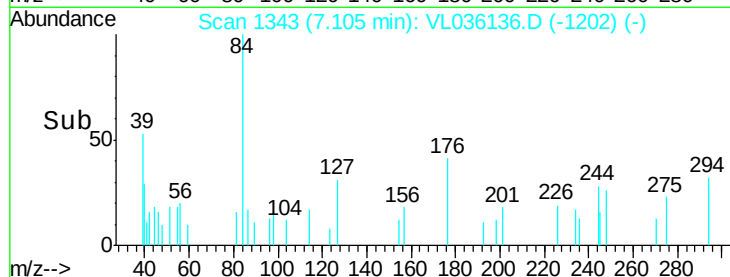
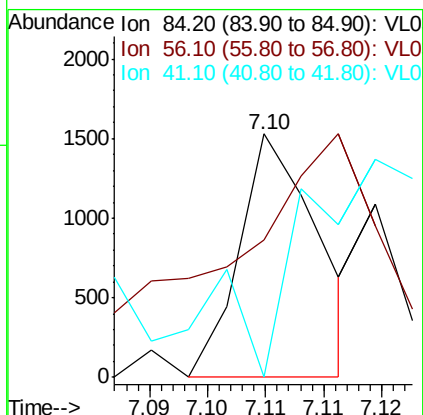
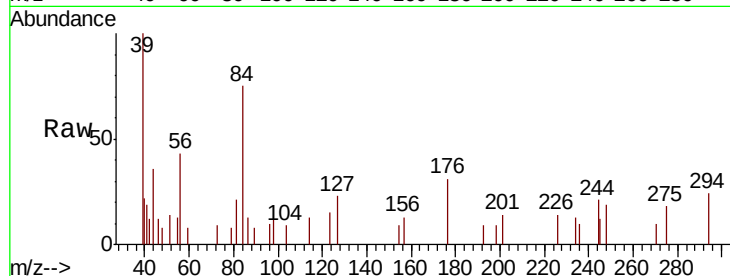
Tgt Ion: 83 Resp: 980
 Ion Ratio Lower Upper
 83 100
 85 64.0 51.8 77.6





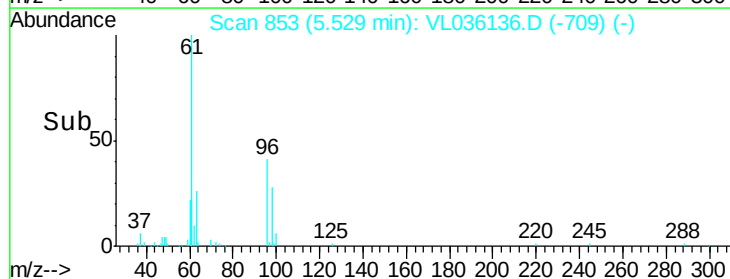
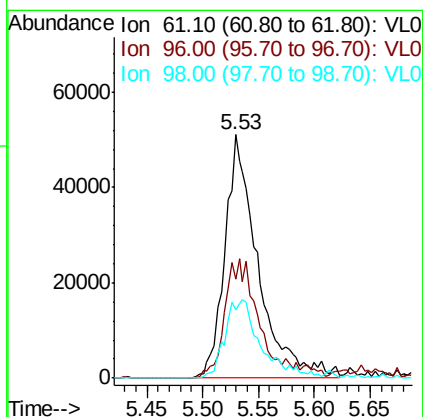
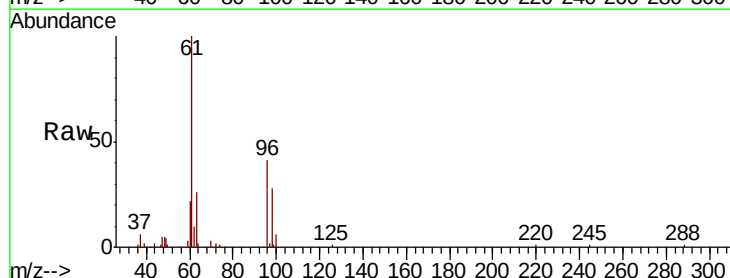
#30
Cyclohexane
Concen: 0.007 ppbv
RT: 7.10 min Scan# 1343
Delta R.T. -0.05 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

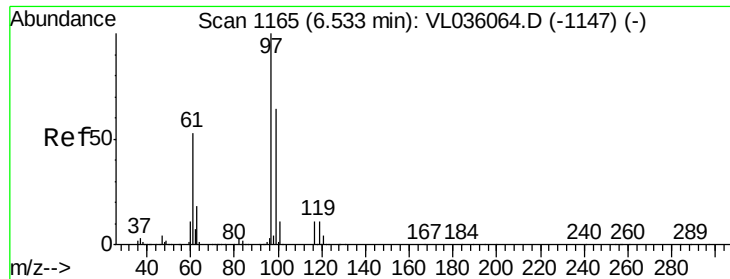
Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	128.0	192.0#
41	0.0	81.3	121.9#



#31
cis-1,2-Dichloroethene
Concen: 0.807 ppbv m
RT: 5.53 min Scan# 853
Delta R.T. -0.04 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

Tgt Ion	Ratio	Lower	Upper
61	100		
96	40.9	47.3	70.9#
98	28.1	31.4	47.0#





#32

1,1,1-Trichloroethane

Concen: 0.118 ppbv m

RT: 6.49 min Scan# 1152

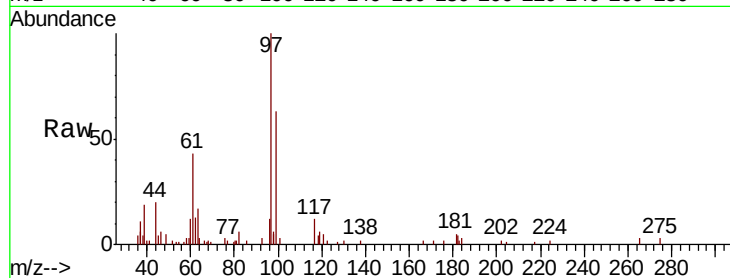
Delta R.T. -0.04 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tot Ion: 97 Resp: 23119

Ion	Ratio	Lower	Upper
97	100		
99	68.9	52.4	78.6
61	64.5	43.4	65.0

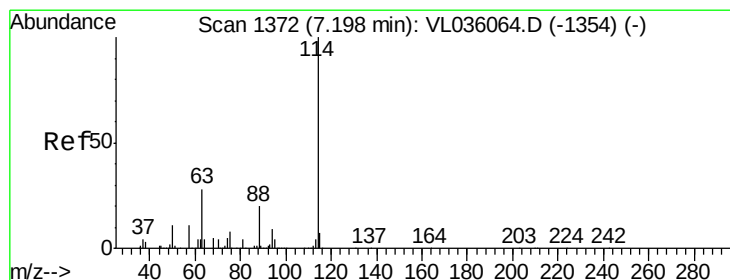
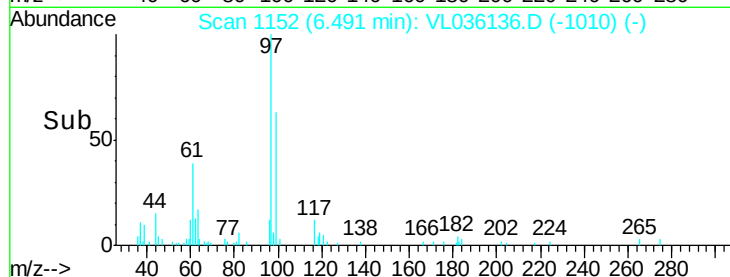
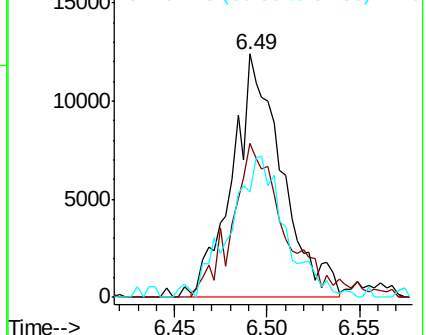


Abundance

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

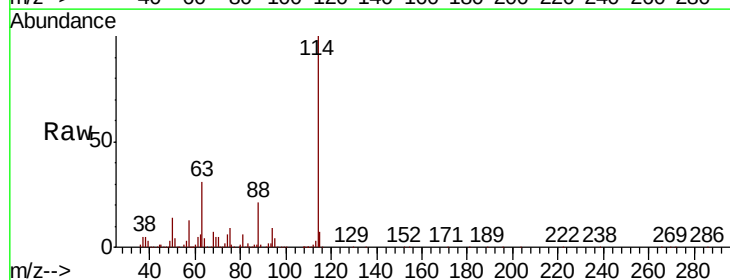
Delta R.T. -0.04 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tgt Ion: 114 Resp: 2678601

Ion	Ratio	Lower	Upper
114	100		
63	32.9	23.6	35.4
88	21.4	15.8	23.6

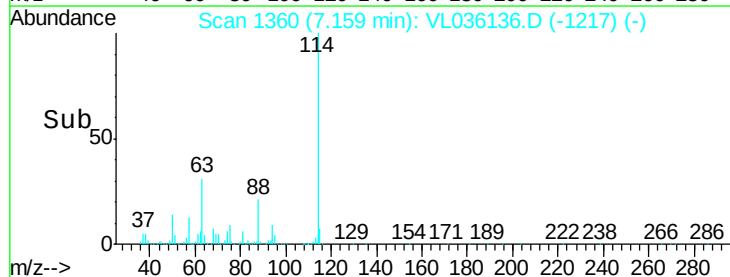
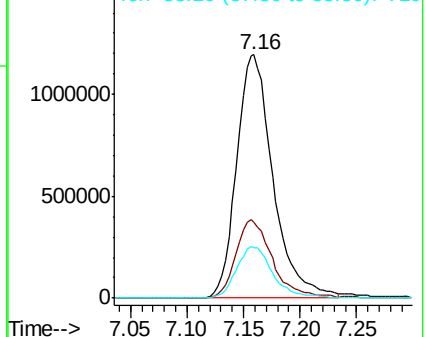


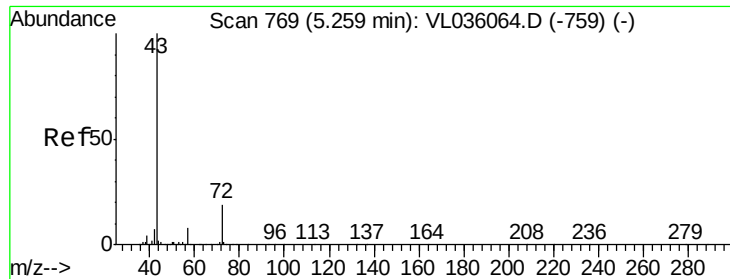
Abundance

Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#34

2-Butanone

Concen: 0.018 ppbv

RT: 5.23 min Scan# 760

Delta R.T. -0.03 min

Lab File: VL036136.D

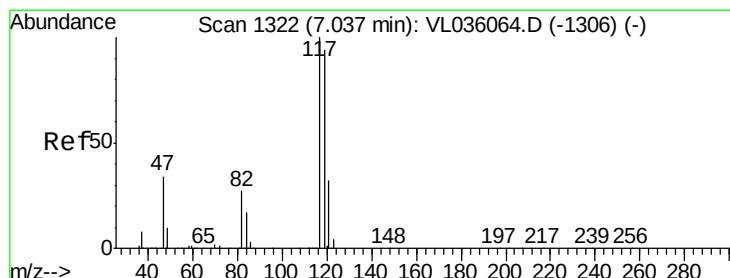
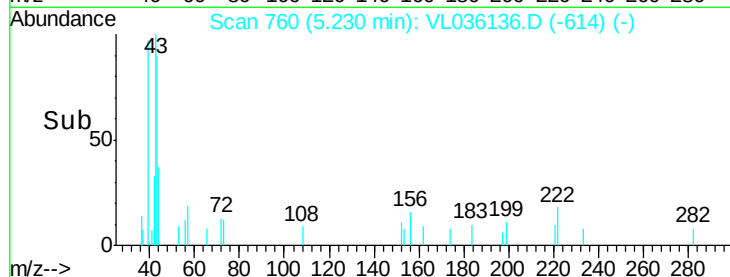
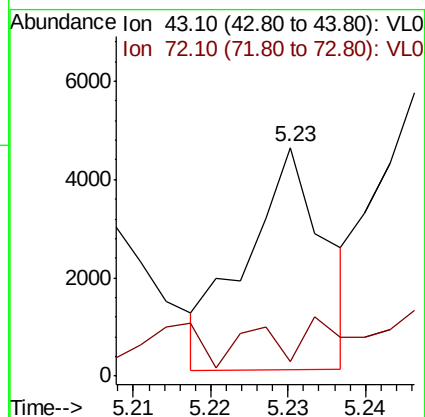
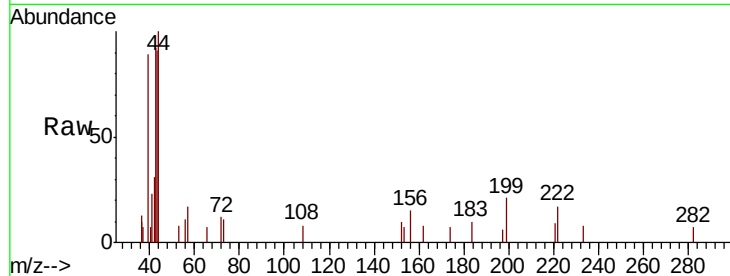
Acq: 10 Dec 2020 20:20

Tot Ion: 43 Resp: 3189

Ion Ratio Lower Upper

43 100

72 0.0 16.5 24.7#



#35

Carbon Tetrachloride

Concen: 0.001 ppbv

RT: 7.01 min Scan# 1314

Delta R.T. -0.03 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

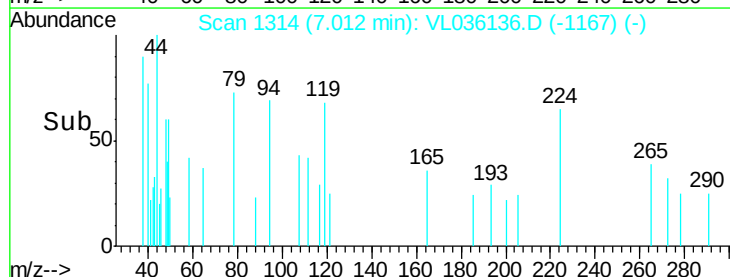
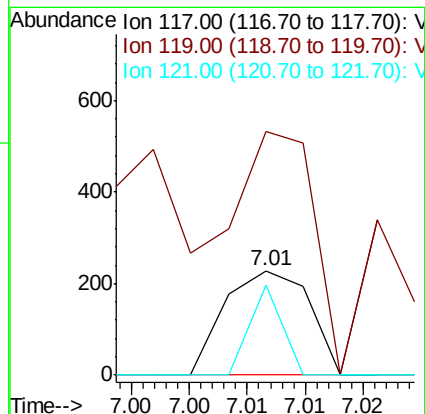
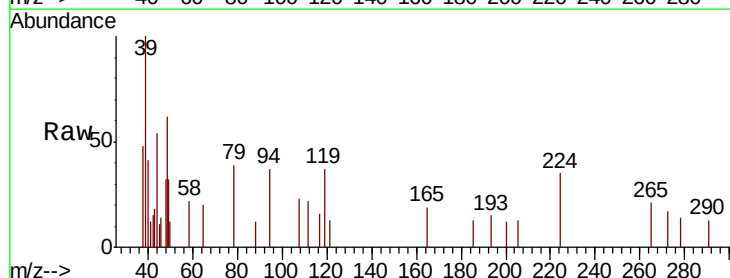
Tgt Ion: 117 Resp: 116

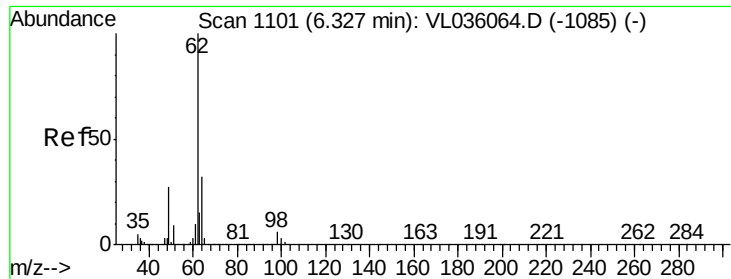
Ion Ratio Lower Upper

117 100

119 233.3 75.1 112.7#

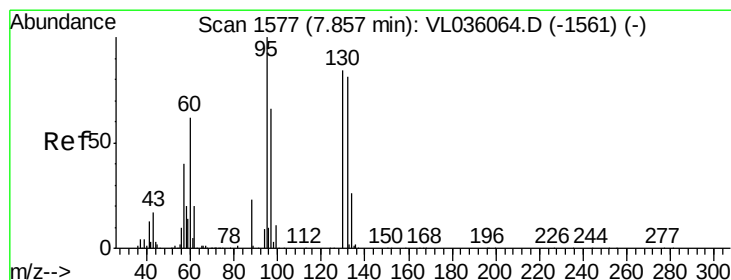
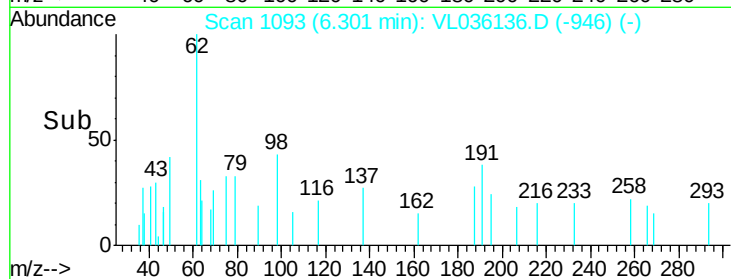
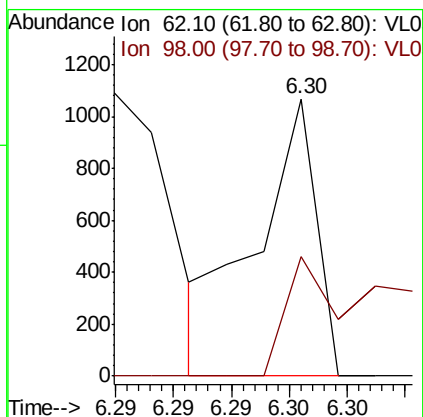
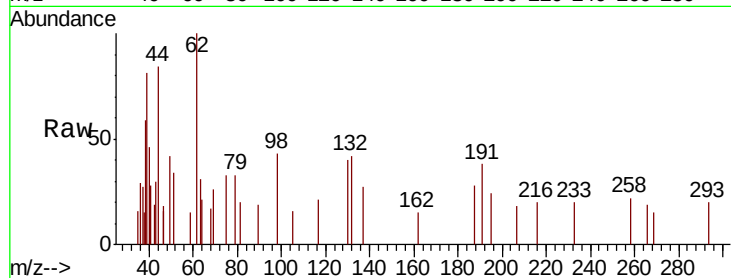
121 86.0 25.6 38.4#





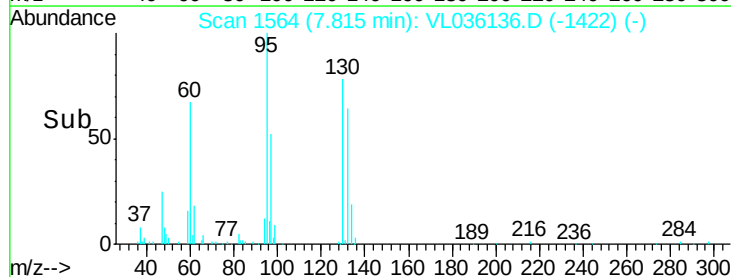
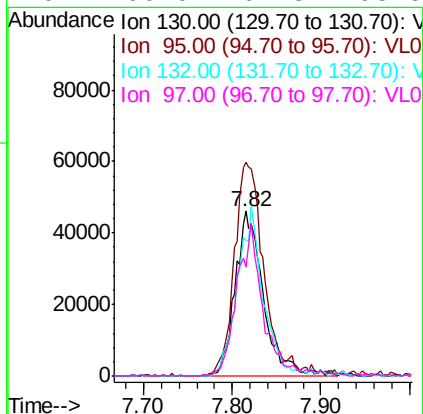
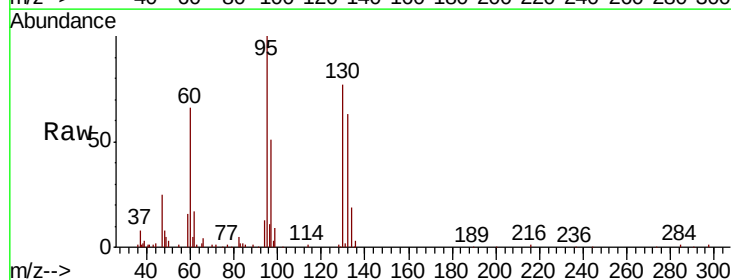
#37
 1,2-Dichloroethane
 Concen: 0.003 ppbv
 RT: 6.30 min Scan# 1093
 Delta R.T. -0.03 min
 Lab File: VL036136.D
 Acq: 10 Dec 2020 20:20

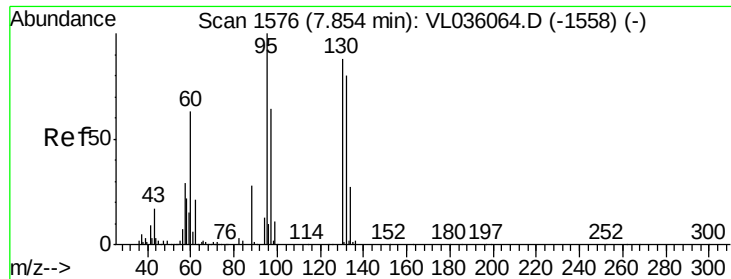
Tot Ion: 62 Resp: 382
 Ion Ratio Lower Upper
 62 100
 98 0.0 4.6 7.0#



#38
 Trichloroethene
 Concen: 1.211 ppbv m
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.04 min
 Lab File: VL036136.D
 Acq: 10 Dec 2020 20:20

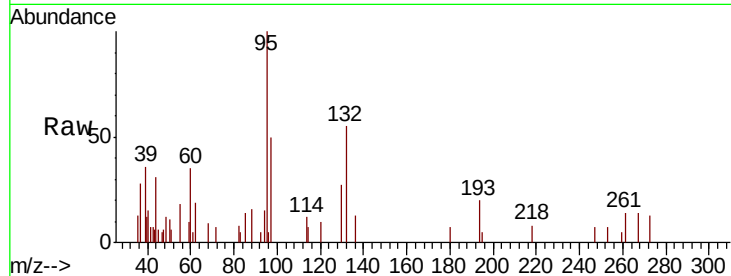
Tgt Ion:130 Resp: 102798
 Ion Ratio Lower Upper
 130 100
 95 129.5 95.2 142.8
 132 82.2 76.9 115.3
 97 66.0 62.3 93.5





#40
 1,4-Dioxane
 Concen: 0.005 ppbv
 RT: 7.78 min Scan# 1554
 Delta R.T. -0.07 min
 Lab File: VL036136.D
 Acq: 10 Dec 2020 20:20

Tot Ion:	88	Resp:	153
Ion	Ratio	Lower	Upper
88	100		
58	0.0	122.6	184.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0

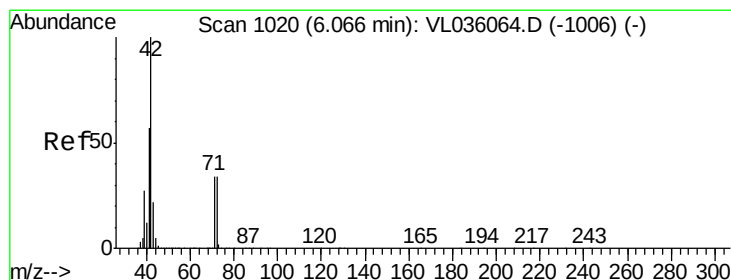
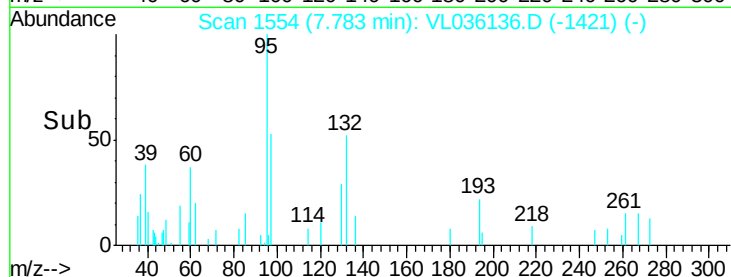
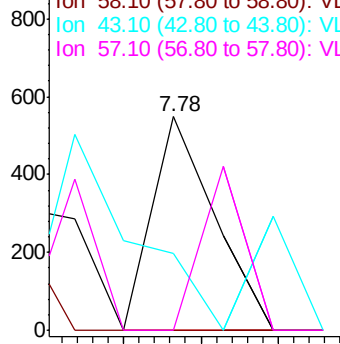


Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

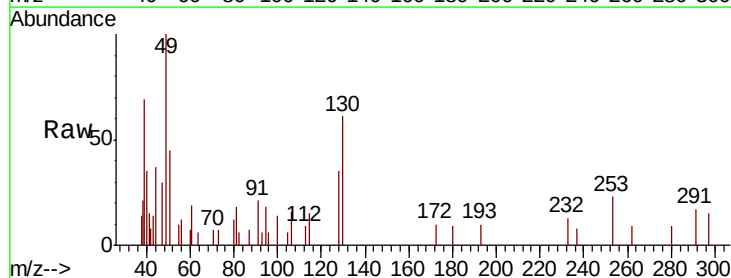
Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#41
 Tetrahydrofuran
 Concen: 0.000 ppbv
 RT: 6.02 min Scan# 1007
 Delta R.T. -0.04 min
 Lab File: VL036136.D
 Acq: 10 Dec 2020 20:20

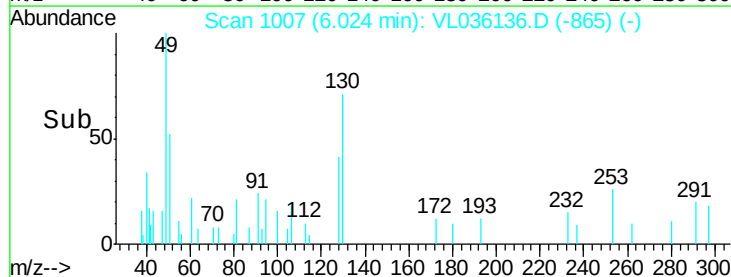
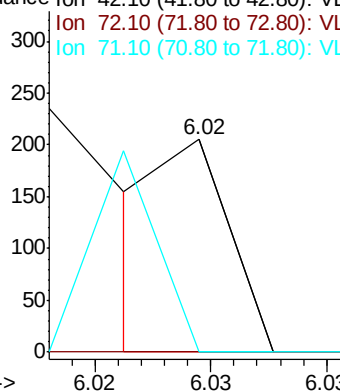
Tgt Ion:	42	Resp:	40
Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.3	42.5#
71	0.0	27.3	40.9#

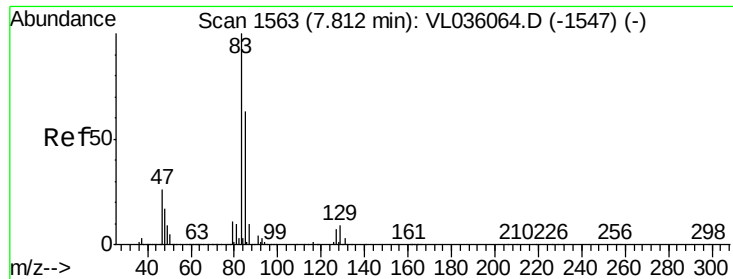


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#42

Bromodichloromethane

Concen: 0.004 ppbv

RT: 7.76 min Scan# 1548

Delta R.T. -0.05 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

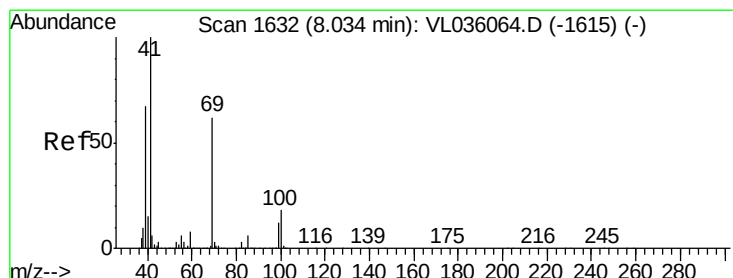
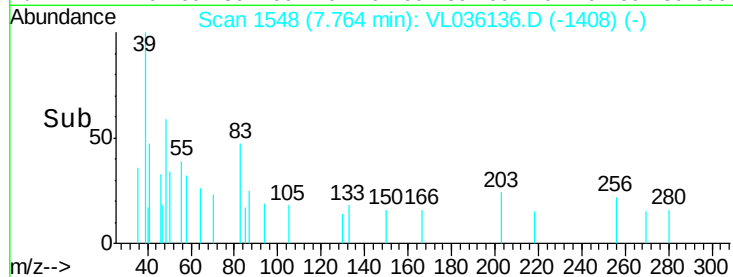
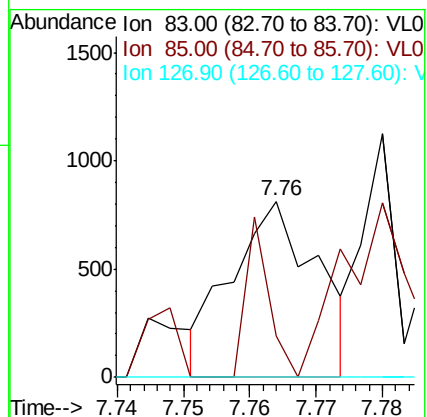
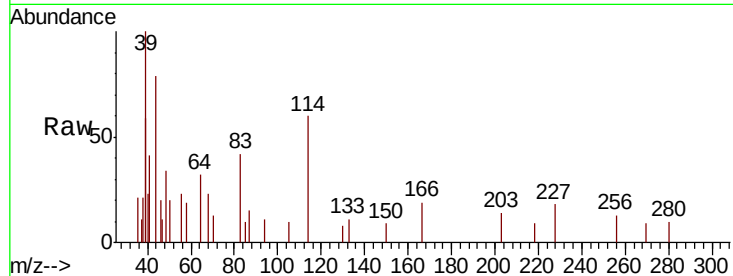
Tot Ion: 83 Resp: 730

Ion Ratio Lower Upper

83 100

85 32.3 50.2 75.2#

127 0.0 5.5 8.3#



#43

Methyl Methacrylate

Concen: 0.002 ppbv

RT: 8.02 min Scan# 1627

Delta R.T. -0.02 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

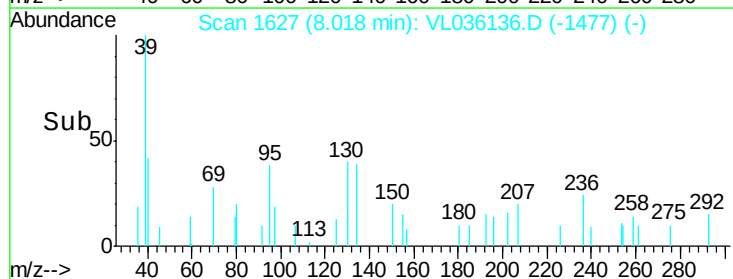
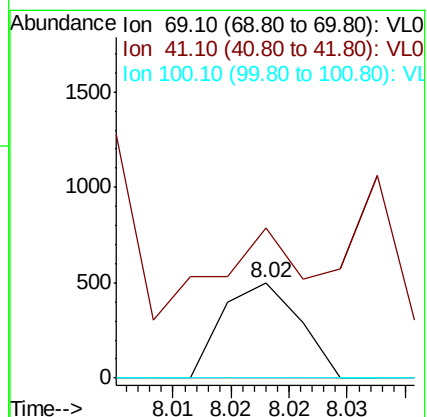
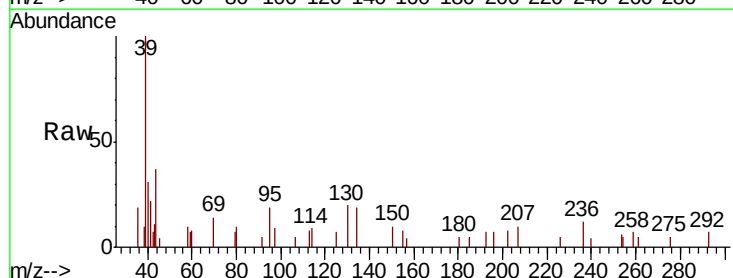
Tgt Ion: 69 Resp: 230

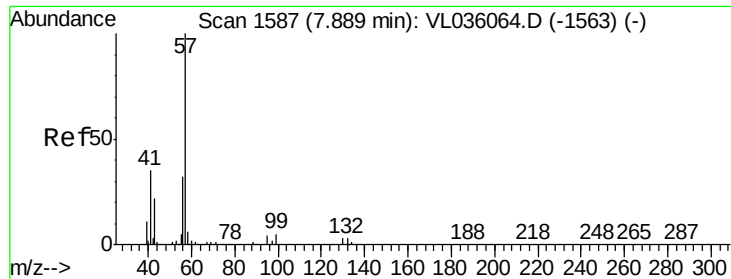
Ion Ratio Lower Upper

69 100

41 985.2 133.0 199.6#

100 0.0 25.4 38.0#





#44

2,2,4-Trimethylpentane

Concen: 0.002 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. -0.04 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

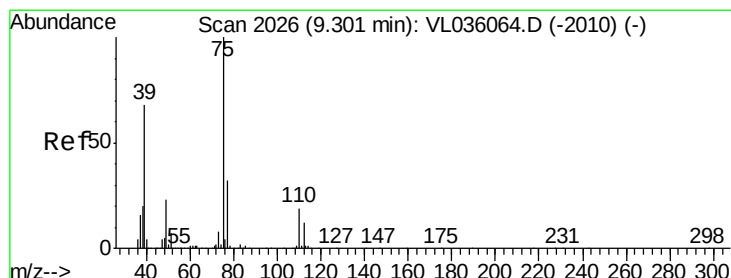
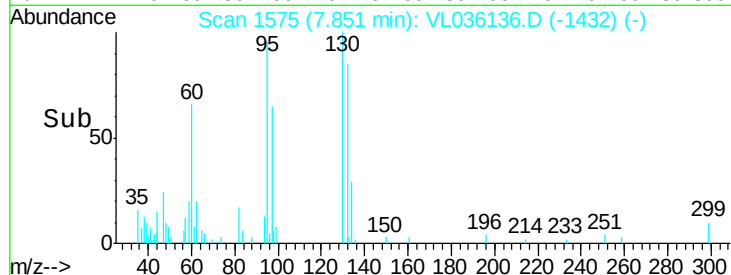
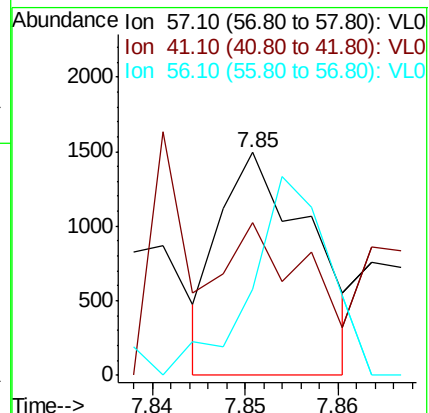
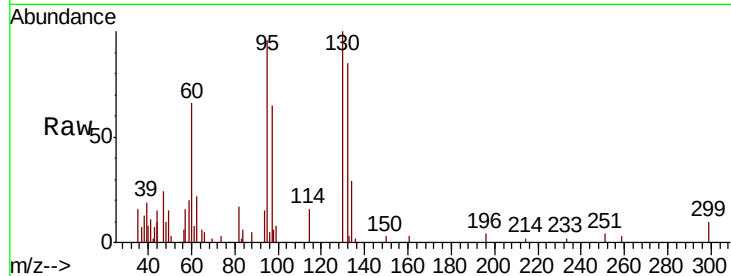
Tot Ion: 57 Resp: 1016

Ion Ratio Lower Upper

57 100

41 0.0 28.9 43.3#

56 143.8 25.3 37.9#



#45

t-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 9.26 min Scan# 2013

Delta R.T. -0.04 min

Lab File: VL036136.D

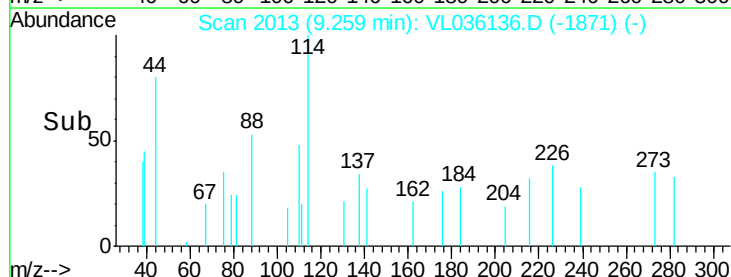
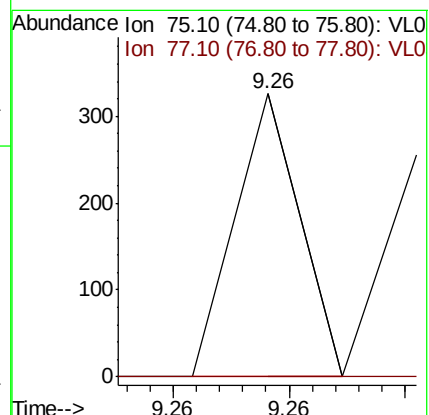
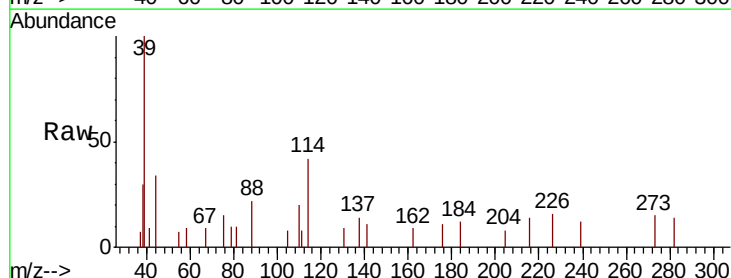
Acq: 10 Dec 2020 20:20

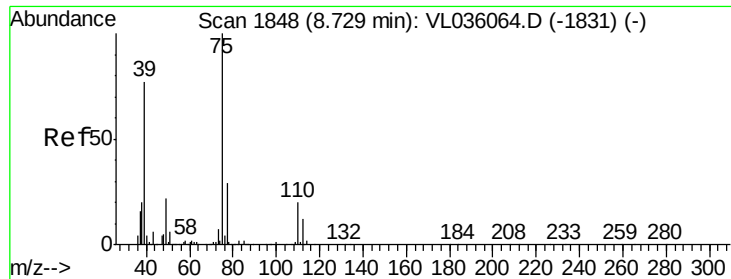
Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

77 0.0 26.0 39.0#





#46

cis-1,3-Dichloropropene

Concen: 0.003 ppbv

RT: 8.70 min Scan# 1838

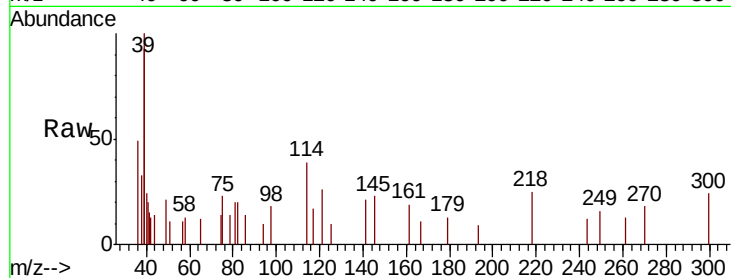
Delta R.T. -0.03 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tot Ion: 75 Resp: 384

Ion	Ratio	Lower	Upper
75	100		
39	269.2	61.6	92.4#
77	0.0	23.0	34.6#

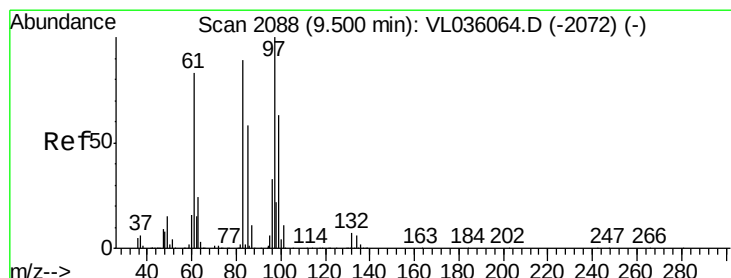
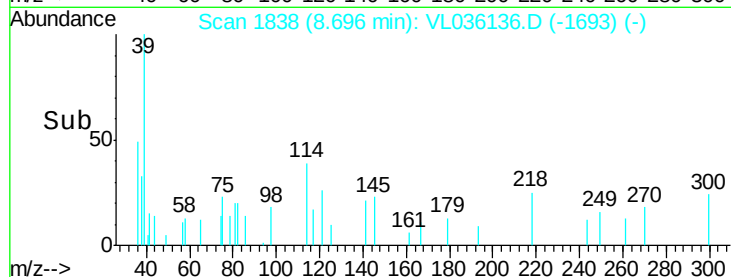
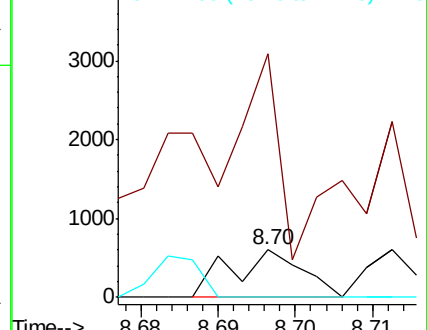


Abundance

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# 2073

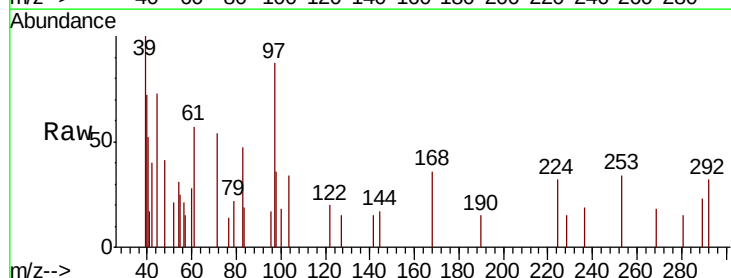
Delta R.T. -0.05 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tgt Ion: 97 Resp: 237

Ion	Ratio	Lower	Upper
97	100		
83	49.8	71.4	107.2#
85	0.0	46.6	70.0#
99	0.0	50.7	76.1#



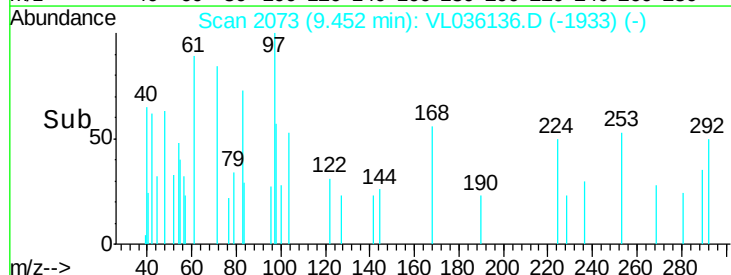
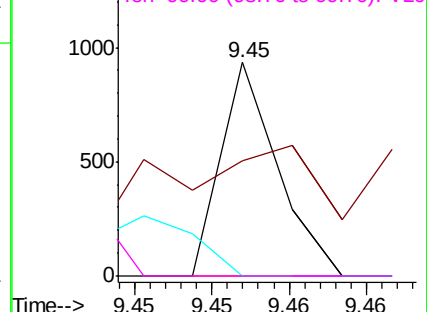
Abundance

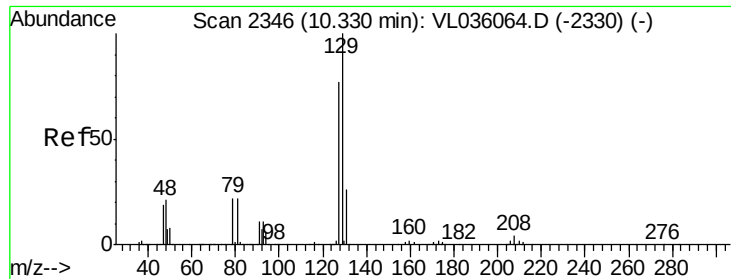
Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0





#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 10.46 min Scan# 2385

Delta R.T. 0.13 min

Lab File: VL036136.D

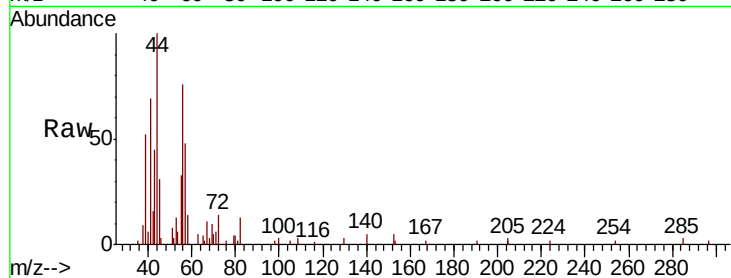
Acq: 10 Dec 2020 20:20

Tot Ion:129 Resp: 133

Ion Ratio Lower Upper

129 100

127 66.2 39.0 117.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.46

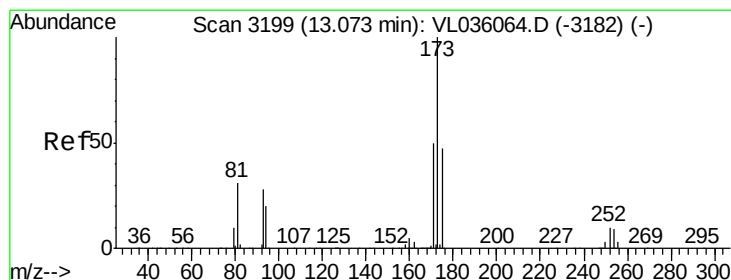
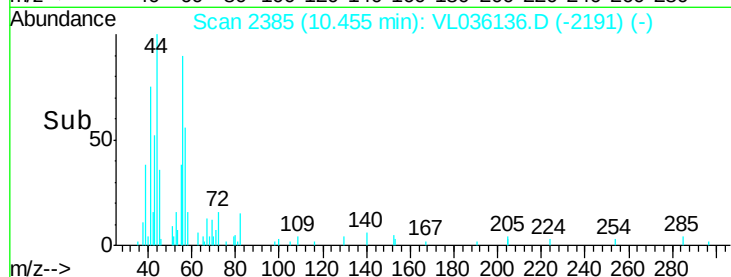
300

200

100

0

Time--> 10.45 10.45 10.46 10.46



#49

Bromoform

Concen: 0.002 ppbv

RT: 13.01 min Scan# 3181

Delta R.T. -0.06 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

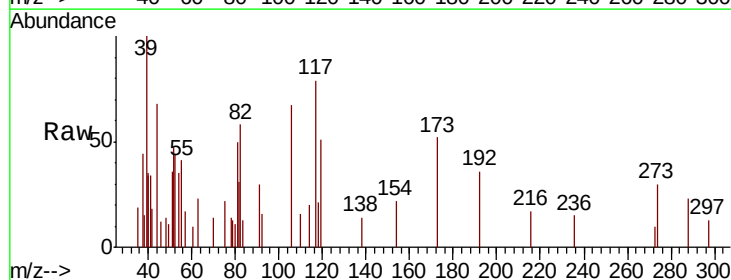
Tgt Ion:173 Resp: 237

Ion Ratio Lower Upper

173 100

175 40.9 39.8 59.6

171 46.8 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

13.01

800

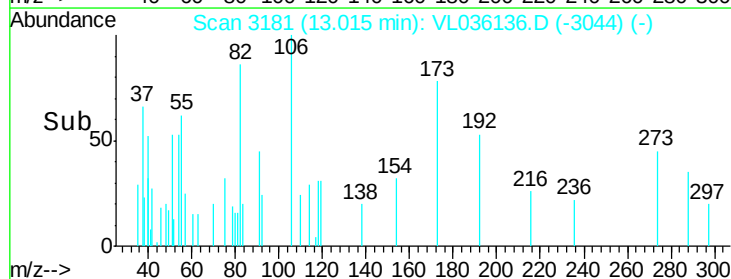
600

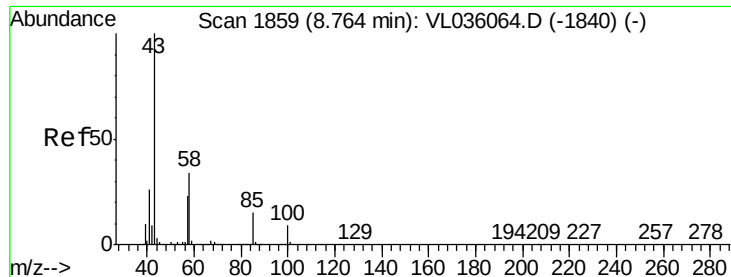
400

200

0

Time--> 13.01 13.01 13.02 13.02





#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 8.73 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VL036136.D

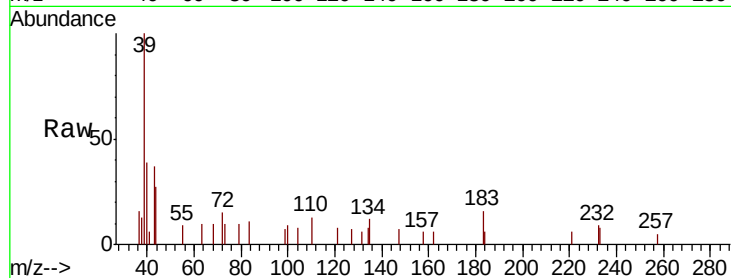
Acq: 10 Dec 2020 20:20

Tot Ion: 43 Resp: 283

Ion Ratio Lower Upper

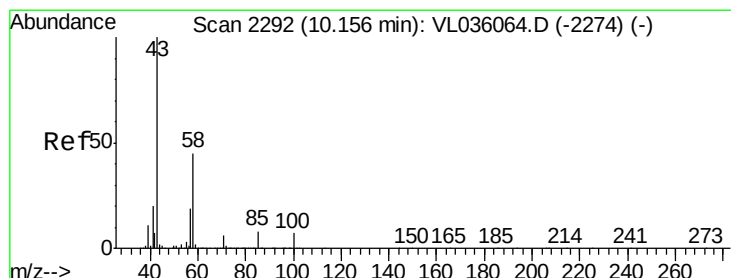
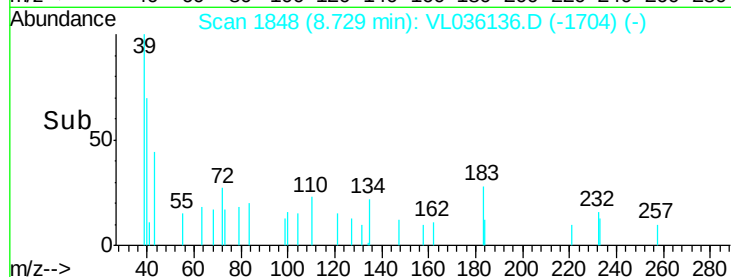
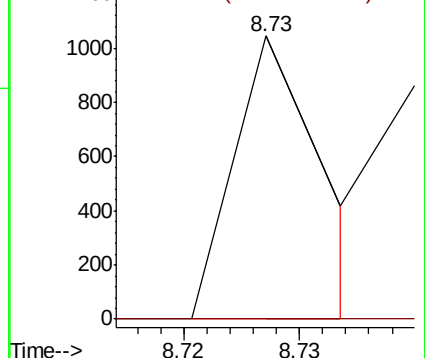
43 100

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: 0.001 ppbv

RT: 10.10 min Scan# 2274

Delta R.T. -0.06 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

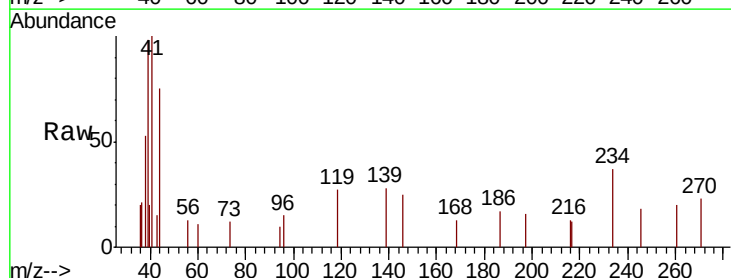
Tgt Ion: 43 Resp: 196

Ion Ratio Lower Upper

43 100

58 0.0 38.7 58.1#

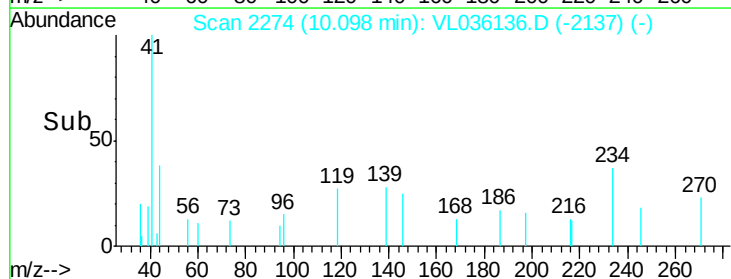
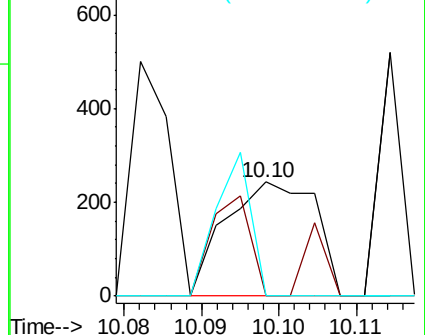
98 48.5 0.1 0.1#

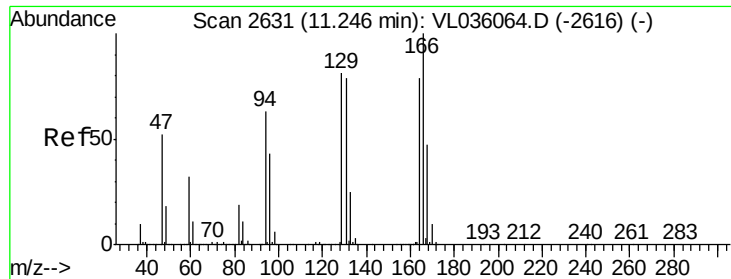


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0





#52

Tetrachloroethene

Concen: 6.772 ppbv

RT: 11.21 min Scan# 2620

Delta R.T. -0.04 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tot Ion:164 Resp: 556462

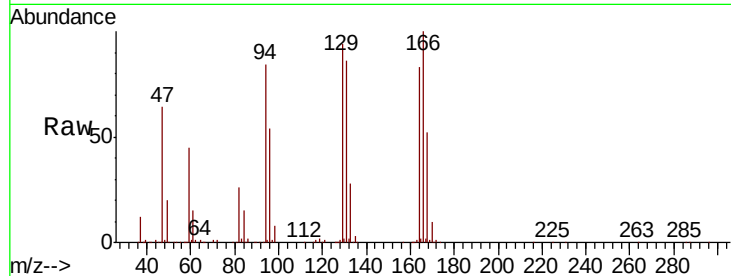
Ion Ratio Lower Upper

164 100

166 120.1 101.9 152.9

129 111.9 82.1 123.1

131 103.6 80.8 121.2

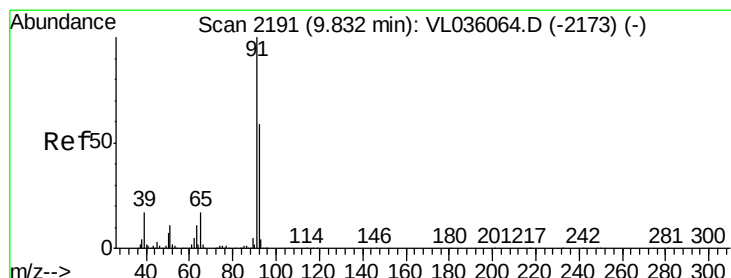
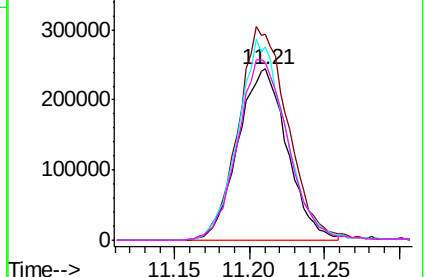
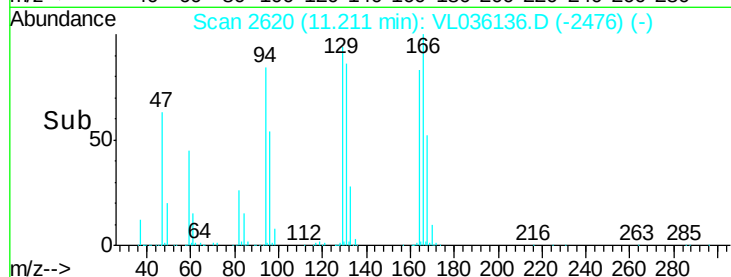


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.015 ppbv

RT: 9.78 min Scan# 2175

Delta R.T. -0.05 min

Lab File: VL036136.D

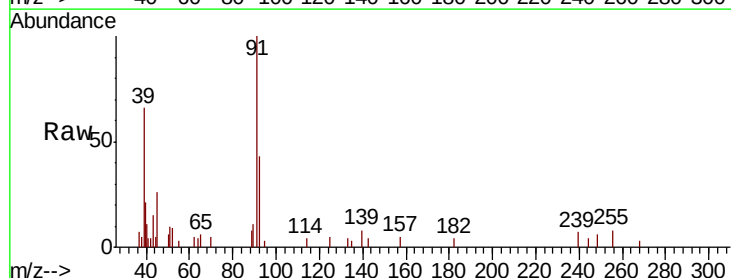
Acq: 10 Dec 2020 20:20

Tgt Ion: 91 Resp: 3794

Ion Ratio Lower Upper

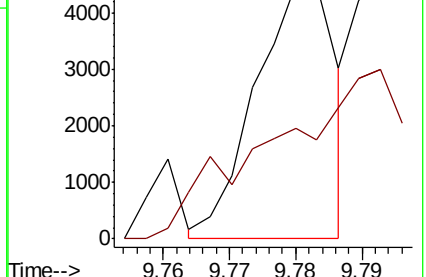
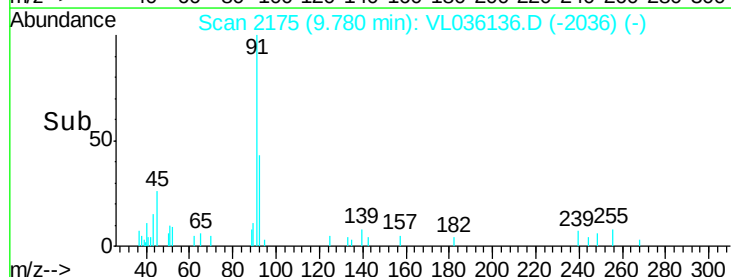
91 100

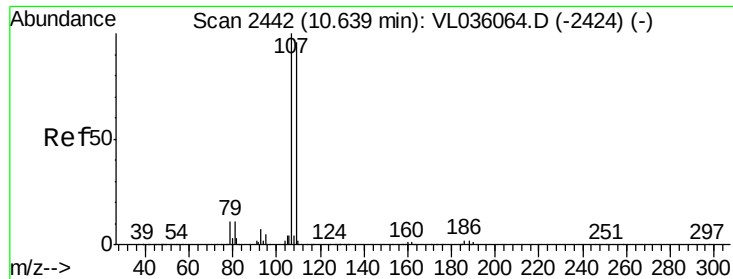
92 0.0 48.2 72.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

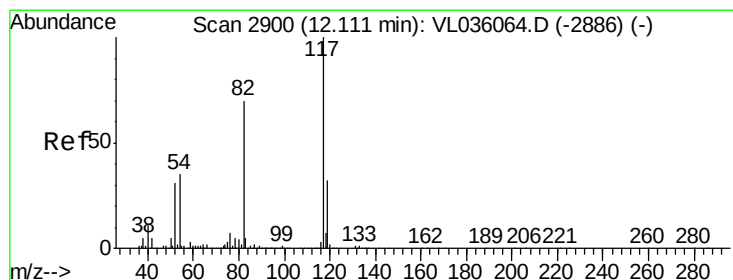
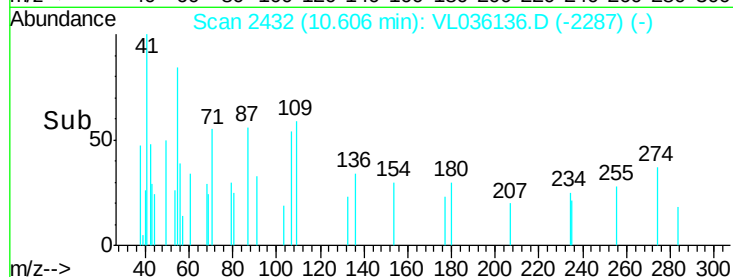
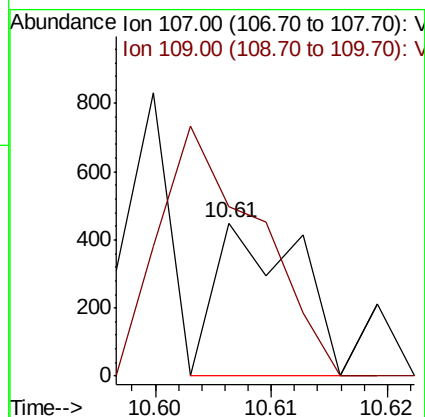
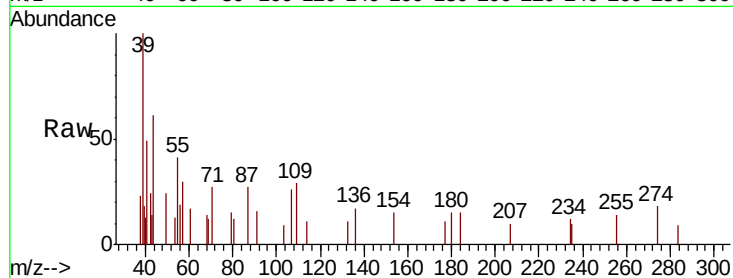
Ion 92.10 (91.80 to 92.80): VL0





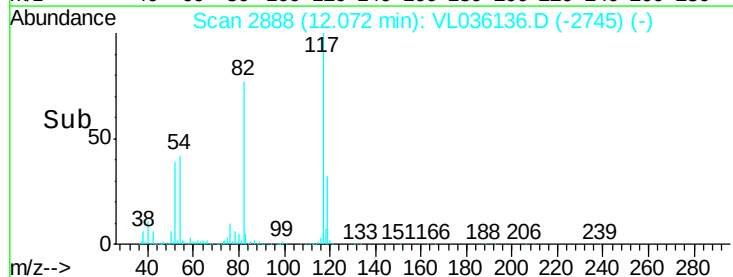
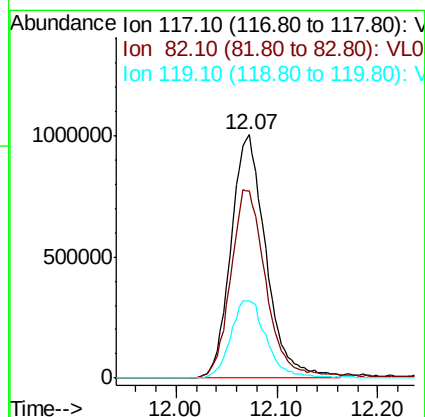
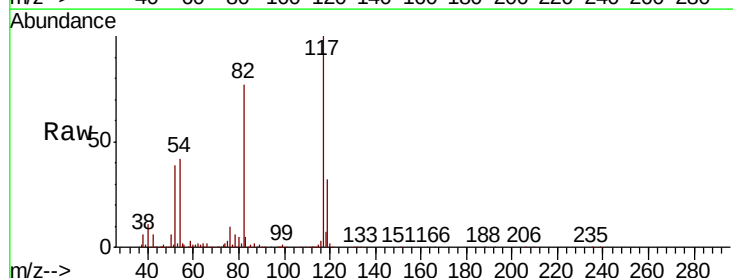
#54
 1,2-Dibromoethane
 Concen: 0.002 ppbv
 RT: 10.61 min Scan# 2432
 Delta R.T. -0.03 min
 Lab File: VL036136.D
 Acq: 10 Dec 2020 20:20

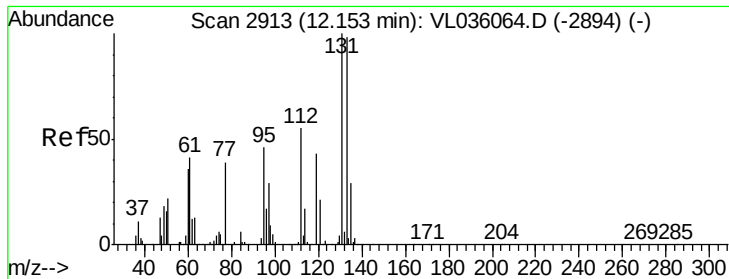
Tot Ion:107 Resp: 224
 Ion Ratio Lower Upper
 107 100
 109 110.9 76.6 115.0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2888
 Delta R.T. -0.04 min
 Lab File: VL036136.D
 Acq: 10 Dec 2020 20:20

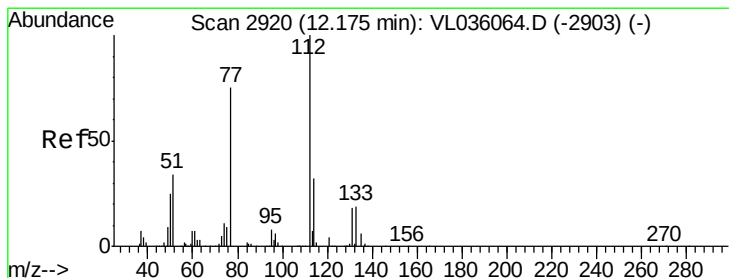
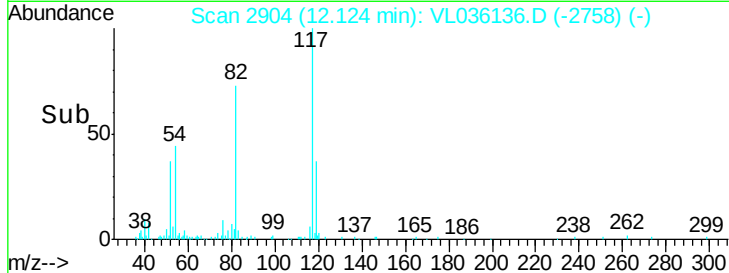
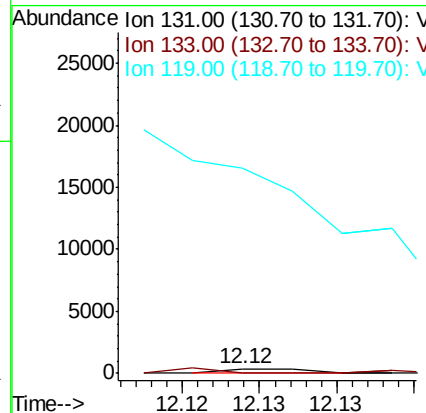
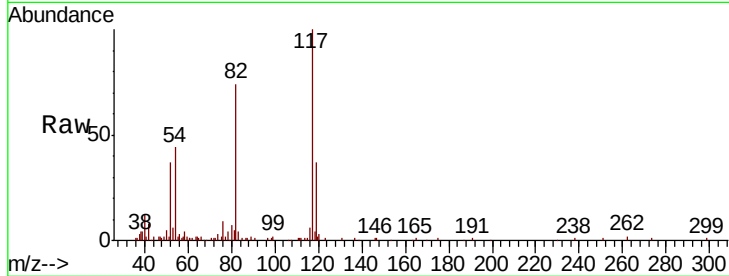
Tgt Ion:117 Resp: 2426847
 Ion Ratio Lower Upper
 117 100
 82 79.0 0.0 0.0#
 119 32.9 0.0 0.0#





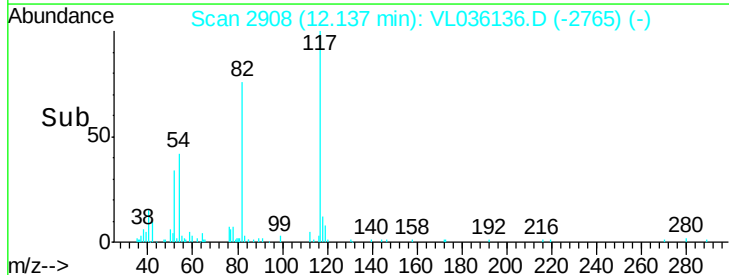
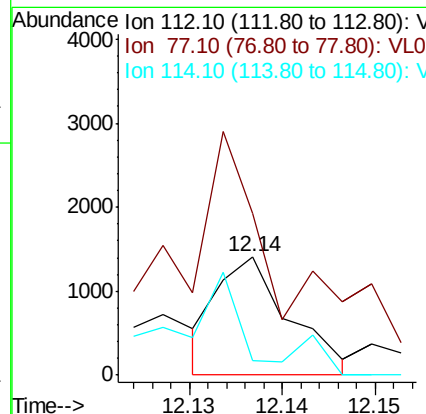
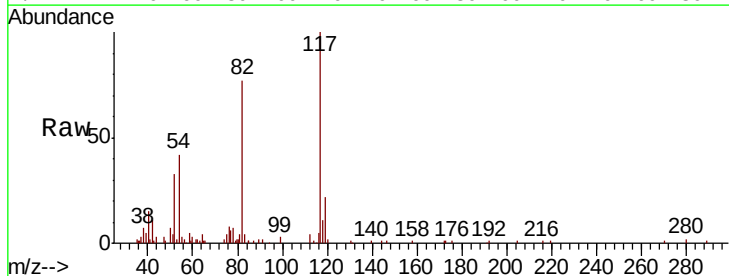
#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.001 ppbv
 RT: 12.12 min Scan# 2904
 Delta R.T. -0.03 min
 Lab File: VL036136.D
 Acq: 10 Dec 2020 20:20

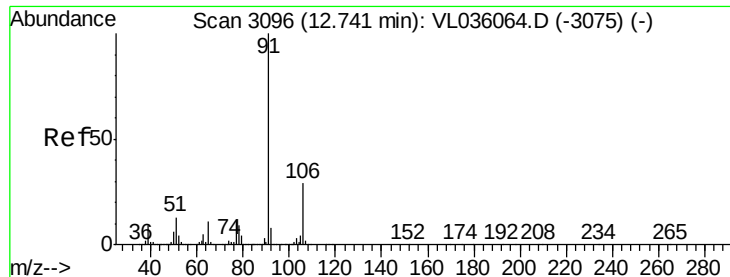
Tot Ion:131 Resp: 132
 Ion Ratio Lower Upper
 131 100
 133 0.0 77.7 116.5#
 119 0.0 51.6 77.4#



#57
 Chlorobenzene
 Concen: 0.004 ppbv
 RT: 12.14 min Scan# 2908
 Delta R.T. -0.04 min
 Lab File: VL036136.D
 Acq: 10 Dec 2020 20:20

Tgt Ion:112 Resp: 762
 Ion Ratio Lower Upper
 112 100
 77 85.9 60.5 90.7
 114 14.4 29.2 35.6#





#58

Ethyl Benzene

Concen: 0.008 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. -0.04 min

Lab File: VL036136.D

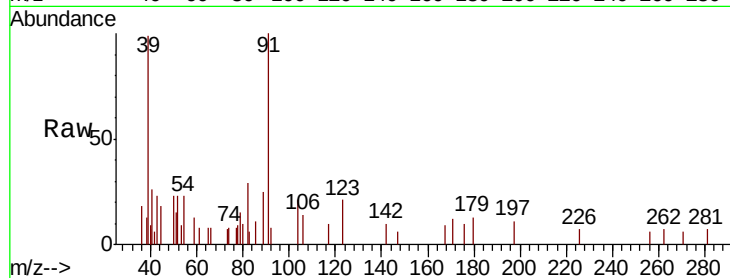
Acq: 10 Dec 2020 20:20

Tot Ion: 91 Resp: 2768

Ion Ratio Lower Upper

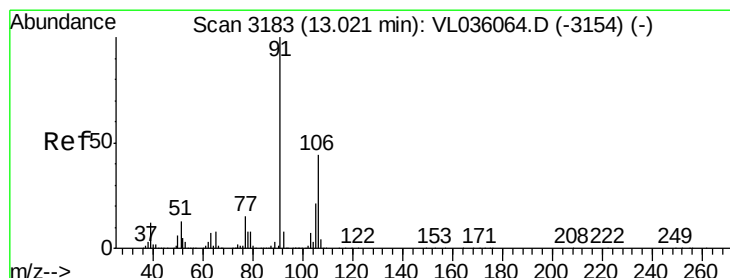
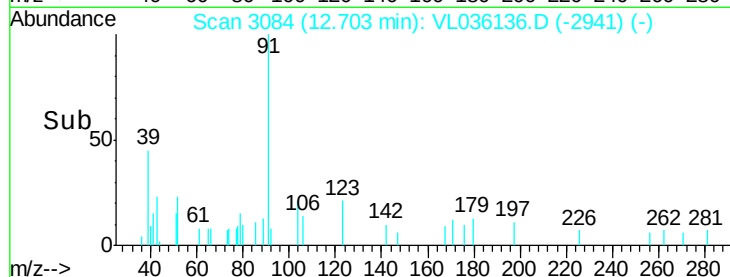
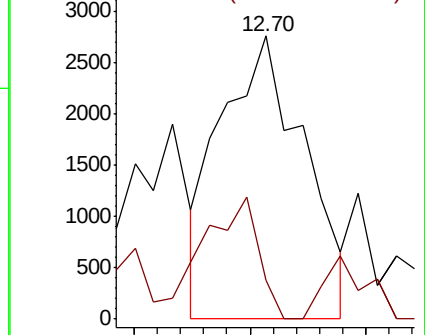
91 100

106 0.0 23.0 34.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.003 ppbv

RT: 12.98 min Scan# 3170

Delta R.T. -0.04 min

Lab File: VL036136.D

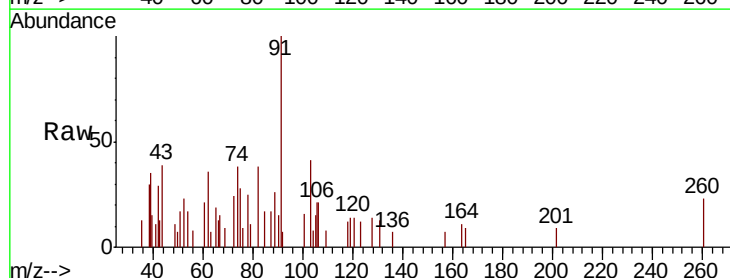
Acq: 10 Dec 2020 20:20

Tgt Ion: 91 Resp: 926

Ion Ratio Lower Upper

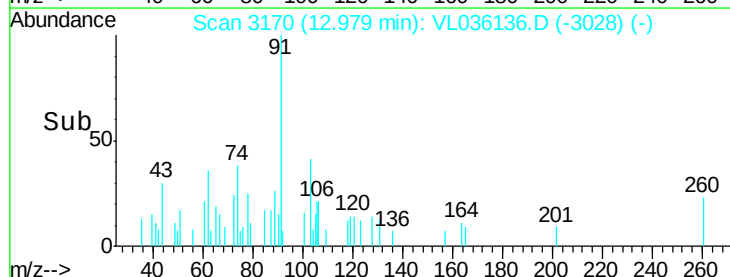
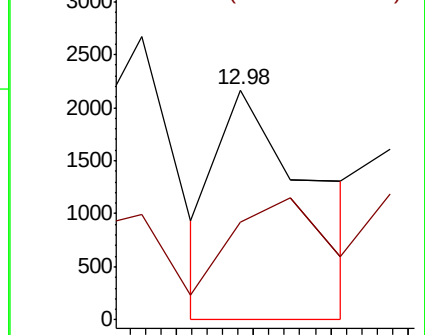
91 100

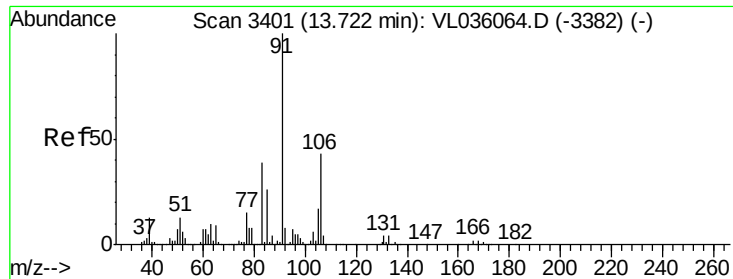
106 0.0 33.6 50.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

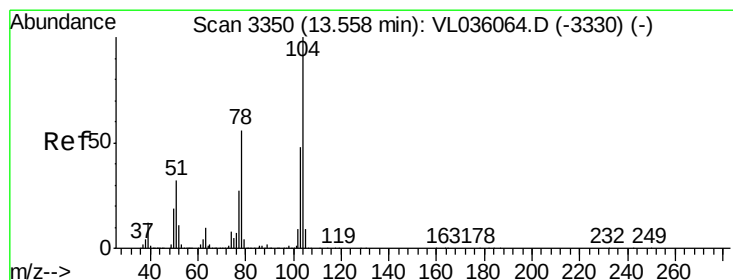
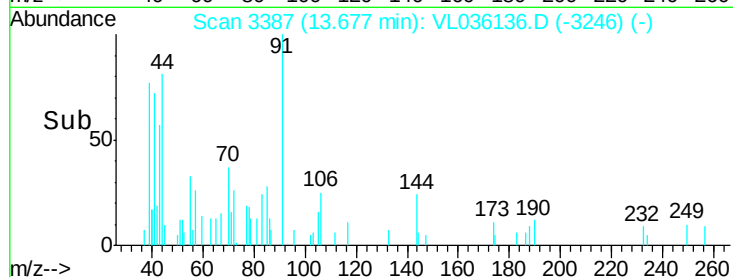
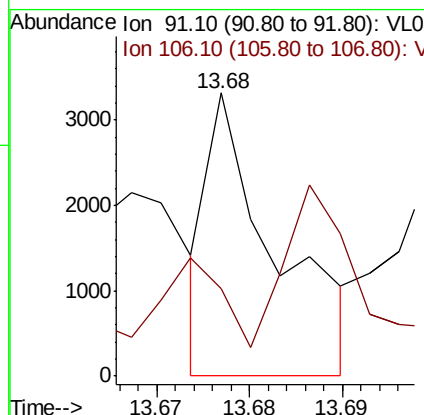
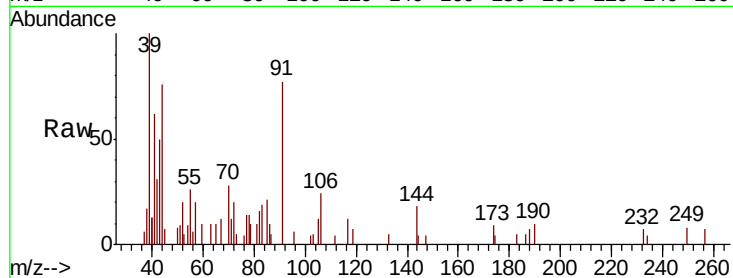
Ion 106.10 (105.80 to 106.80): V





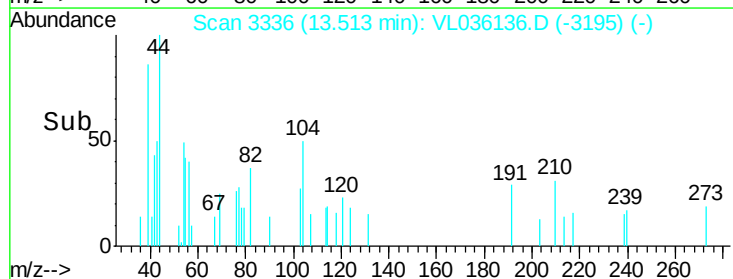
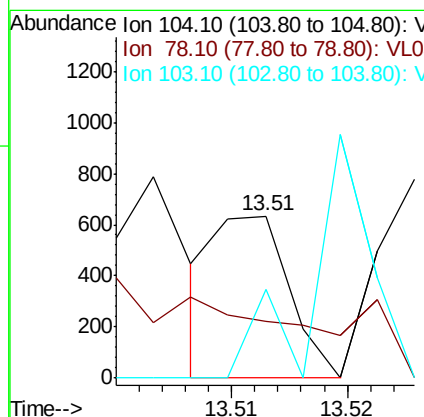
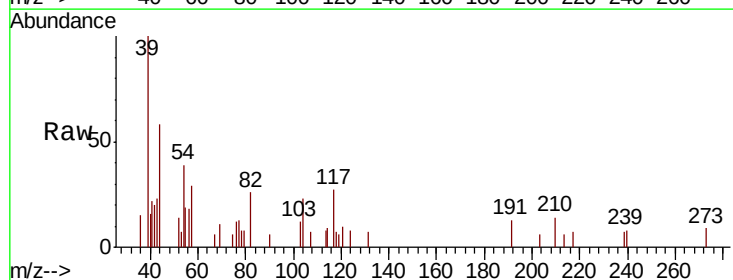
#60
o-Xylene
Concen: 0.006 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.05 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

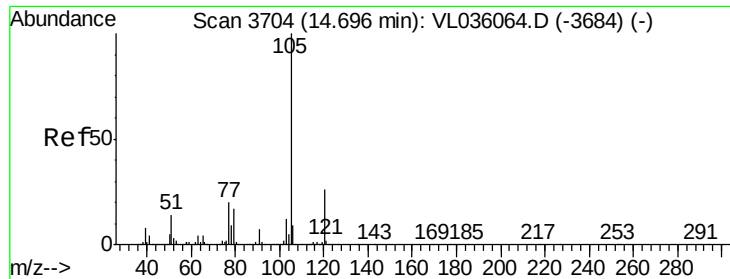
Tot Ion: 91 Resp: 1691
Ion Ratio Lower Upper
91 100
106 162.6 21.6 64.6#



#61
Styrene
Concen: 0.002 ppbv
RT: 13.51 min Scan# 3336
Delta R.T. -0.05 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

Tgt Ion: 104 Resp: 279
Ion Ratio Lower Upper
104 100
78 0.0 45.8 68.8#
103 0.0 38.6 57.8#





#62

Isopropylbenzene

Concen: 0.003 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.29 min

Lab File: VL036136.D

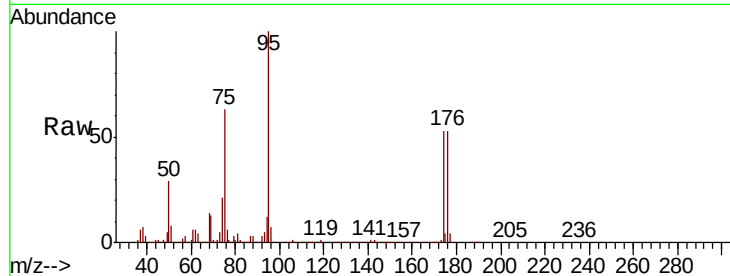
Acq: 10 Dec 2020 20:20

Tot Ion: 105 Resp: 1293

Ion Ratio Lower Upper

105 100

120 20.7 20.1 30.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

2500

2000

1500

1000

500

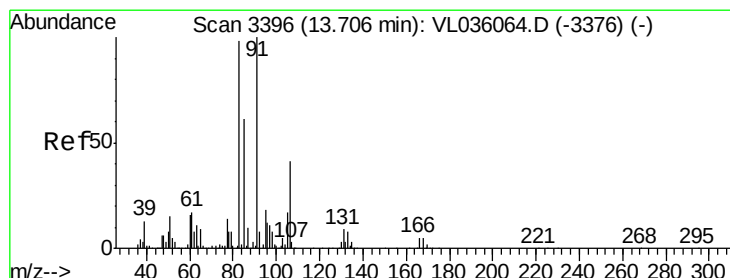
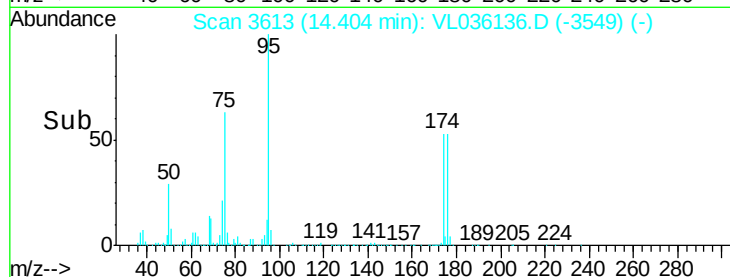
0

14.39

14.40

14.41

Time-->



#63

1,1,2,2-Tetrachloroethane

Concen: 0.004 ppbv

RT: 13.66 min Scan# 3382

Delta R.T. -0.05 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

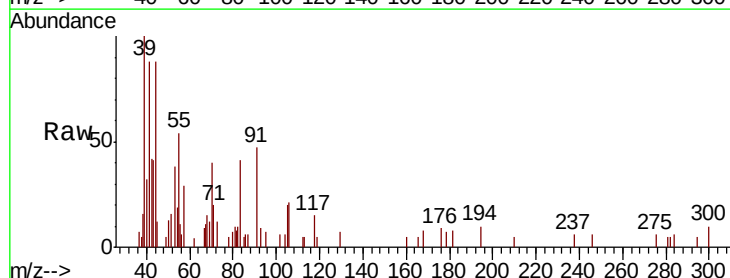
Tgt Ion: 83 Resp: 627

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

85 0.0 32.5 97.5#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0

1500

1000

500

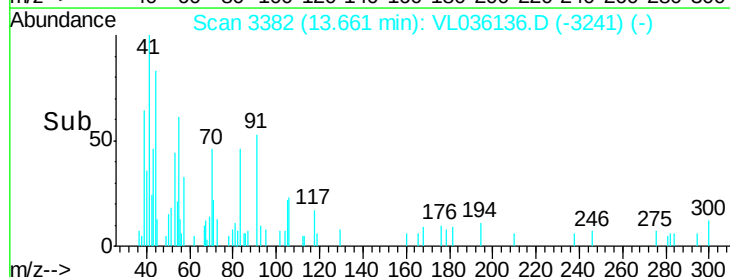
0

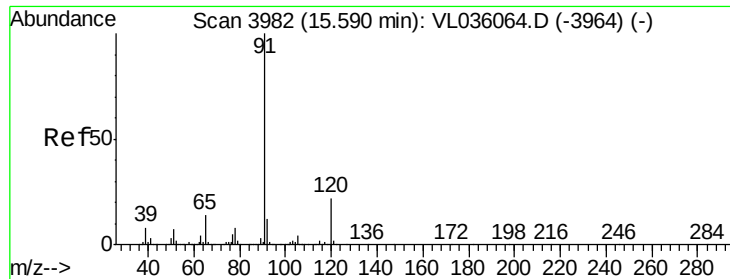
13.65

13.66

13.67

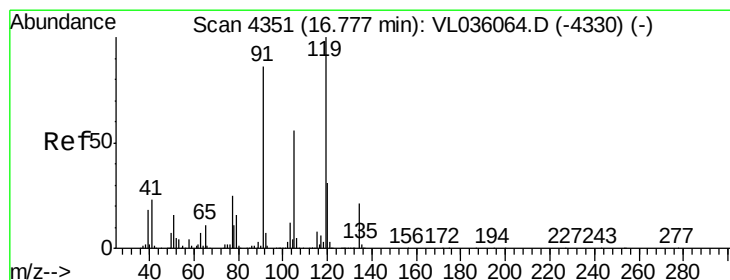
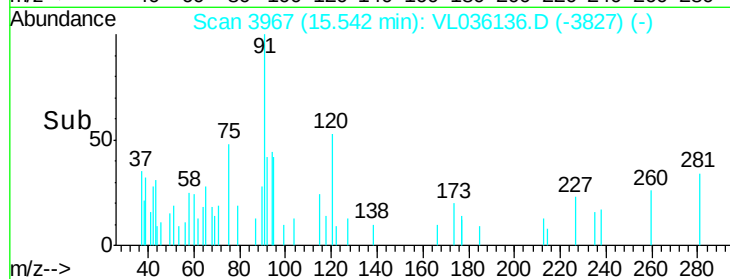
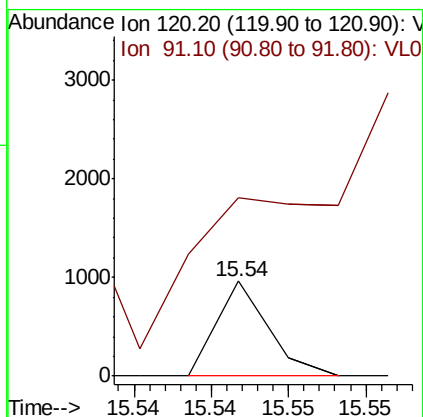
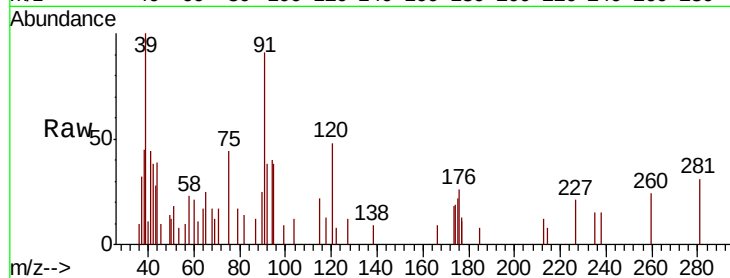
Time-->





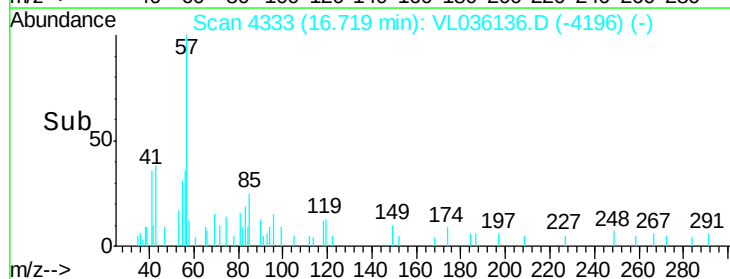
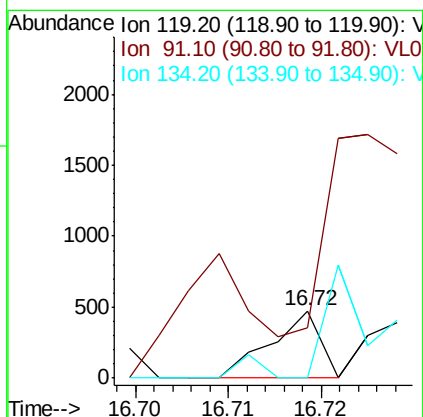
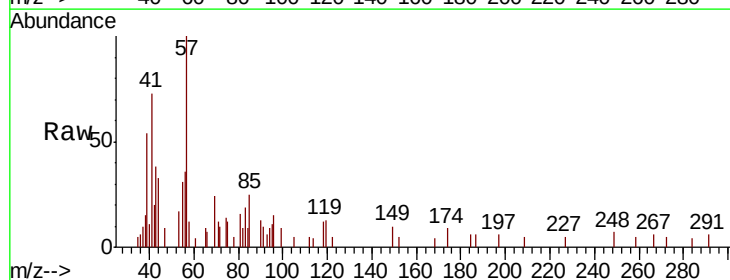
#64
n-propylbenzene
Concen: 0.002 ppbv
RT: 15.54 min Scan# 3967
Delta R.T. -0.05 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

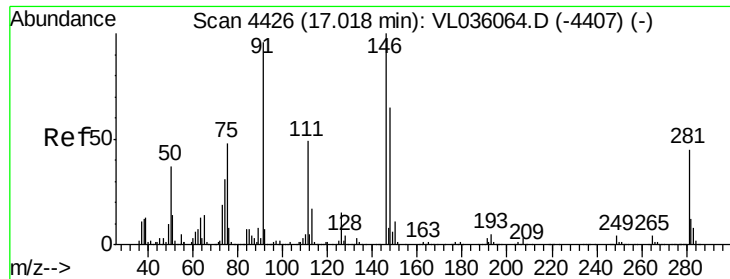
Tot Ion:120 Resp: 220
Ion Ratio Lower Upper
120 100
91 0.0 388.9 583.3#



#65
tert-Butylbenzene
Concen: 0.001 ppbv
RT: 16.72 min Scan# 4333
Delta R.T. -0.06 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

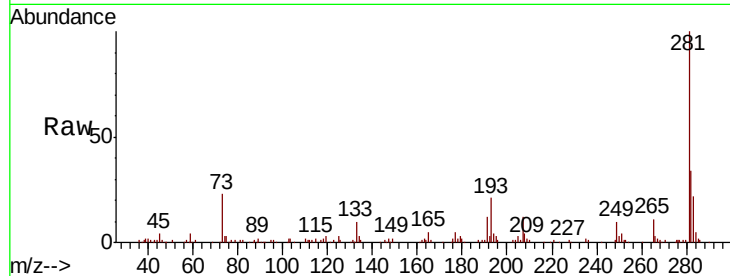
Tgt Ion:119 Resp: 176
Ion Ratio Lower Upper
119 100
91 0.0 70.2 105.2#
134 0.0 15.8 23.6#



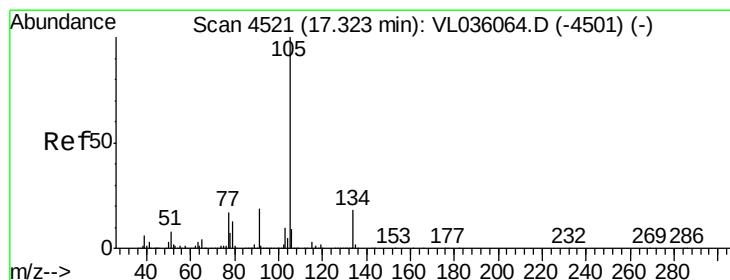
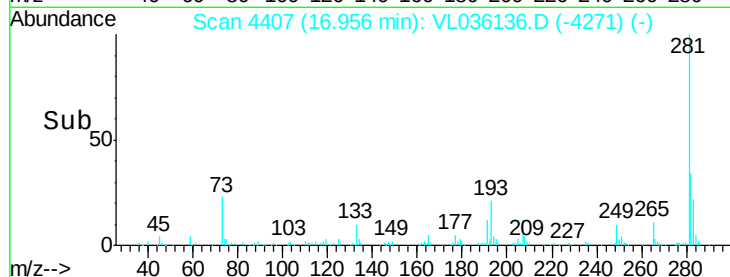
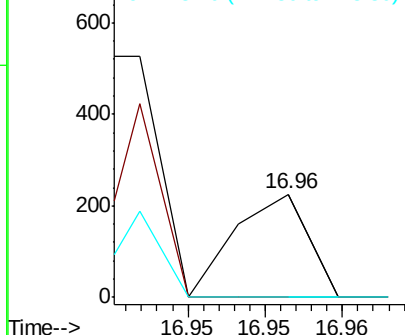


#66
Benzyl Chloride
Concen: 0.001 ppbv
RT: 16.96 min Scan# 4407
Delta R.T. -0.06 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

Tot Ion: 91 Resp: 75
Ion Ratio Lower Upper
91 100
126 0.0 13.5 20.3#
128 0.0 4.4 6.6#

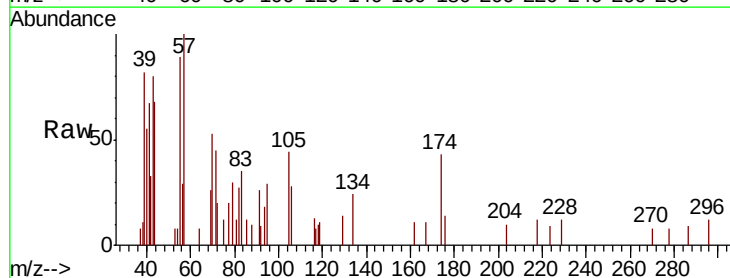


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

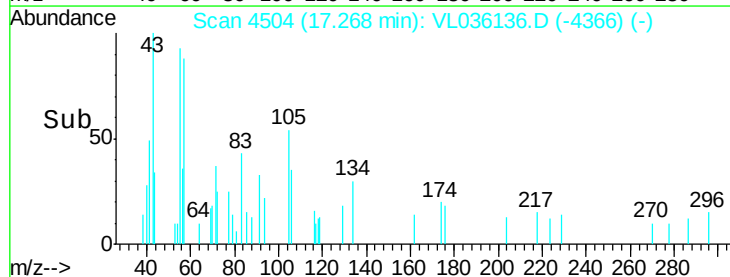
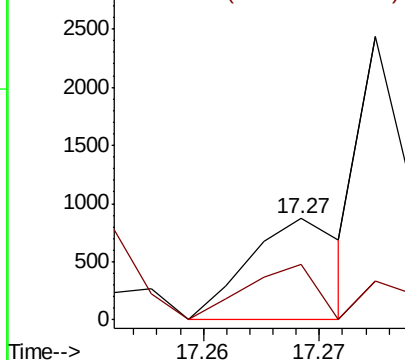


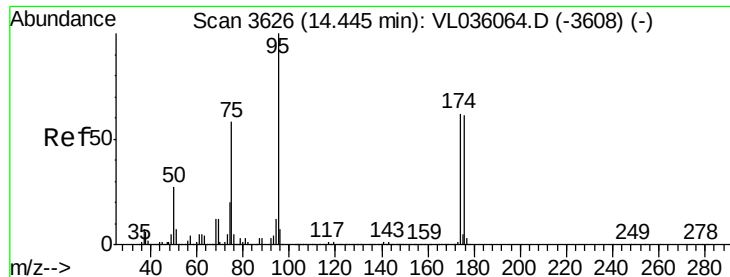
#67
sec-Butylbenzene
Concen: 0.001 ppbv
RT: 17.27 min Scan# 4504
Delta R.T. -0.05 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

Tgt Ion: 105 Resp: 488
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: 10.596 ppbv

RT: 14.40 min Scan# 3612

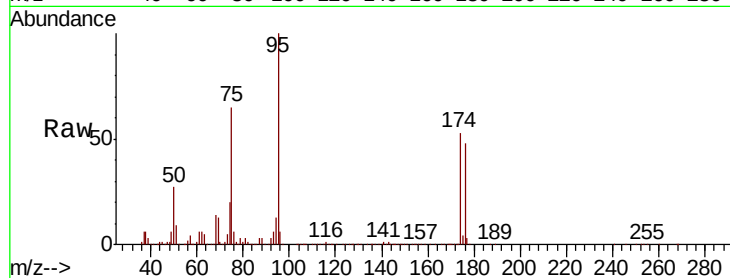
Delta R.T. -0.05 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tot Ion: 95 Resp: 2041784

Ion	Ratio	Lower	Upper
95	100		
174	57.4	50.7	76.1
175	3.8	4.0	6.0

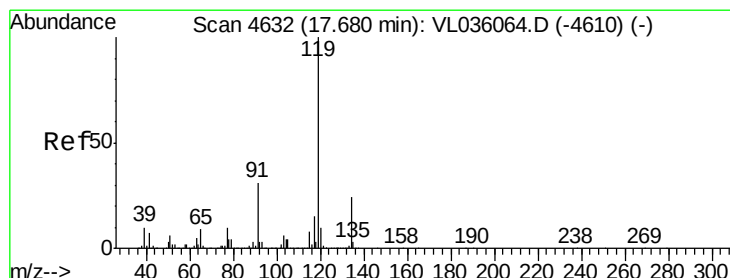
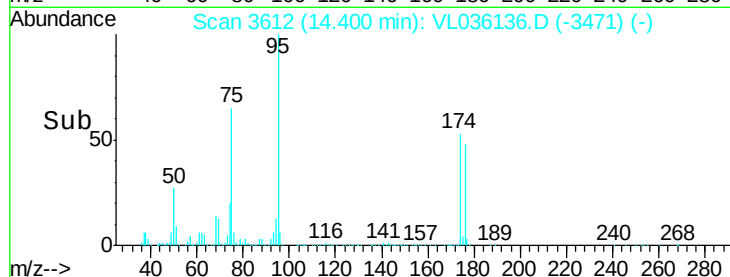


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

Time-->



#69

p-Isopropyltoluene

Concen: 0.001 ppbv

RT: 17.62 min Scan# 4614

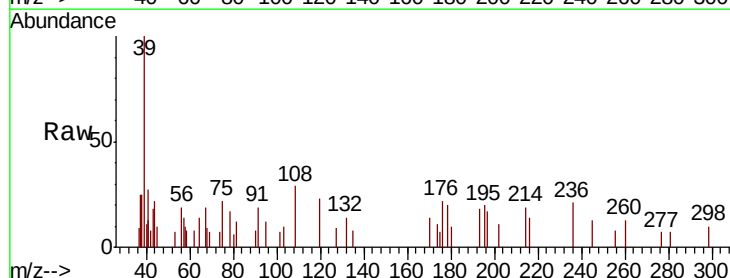
Delta R.T. -0.06 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tgt Ion: 119 Resp: 270

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

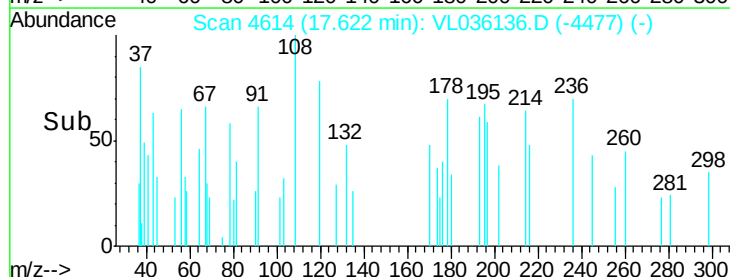


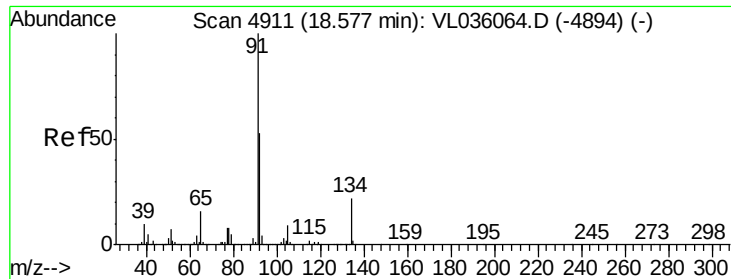
Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): VL0

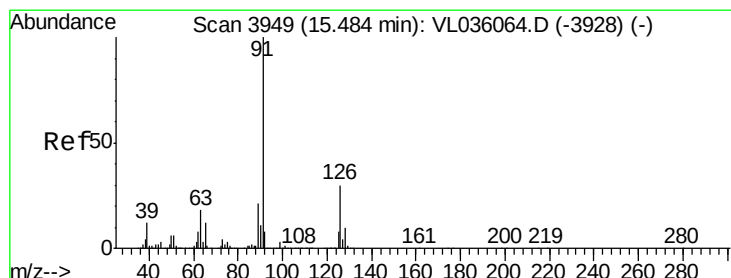
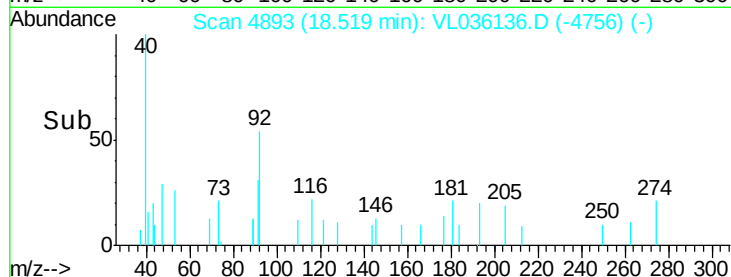
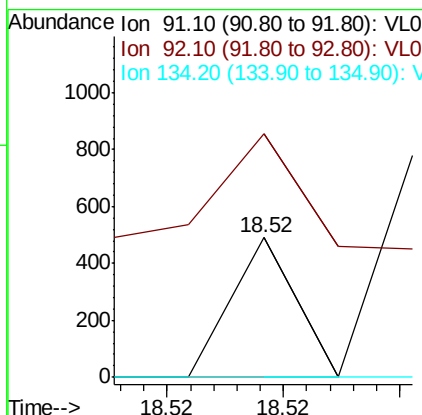
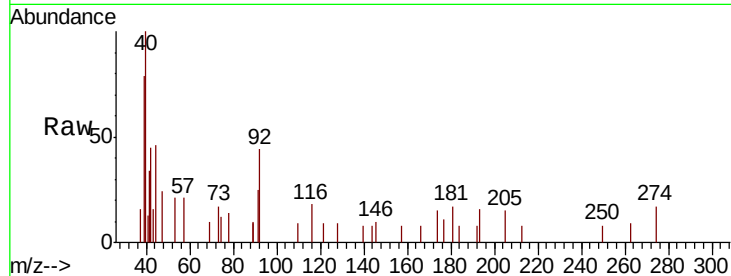
Time-->





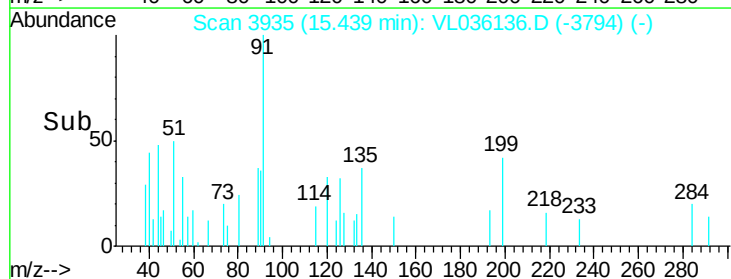
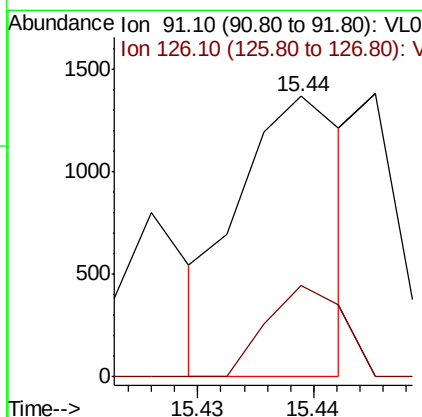
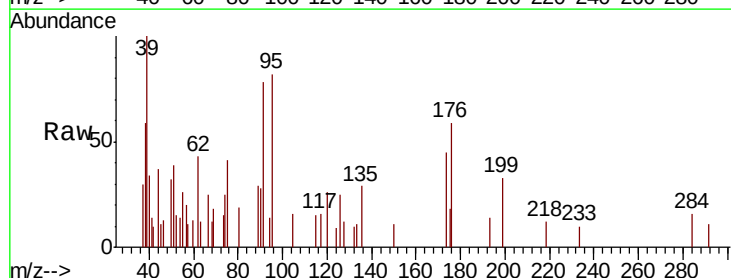
#70
n-Butylbenzene
Concen: 0.000 ppbv
RT: 18.52 min Scan# 4893
Delta R.T. -0.06 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

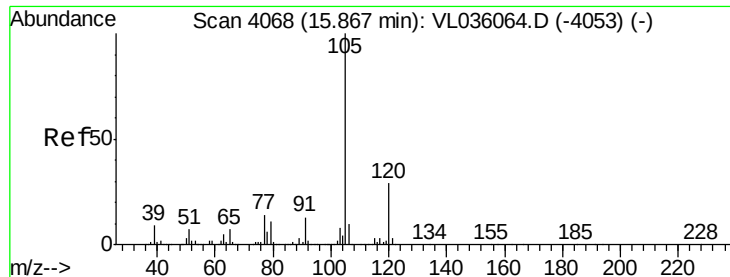
Tot Ion: 91 Resp: 95
Ion Ratio Lower Upper
91 100
92 0.0 43.3 64.9#
134 168.4 17.1 25.7#



#71
2-Chlorotoluene
Concen: 0.003 ppbv
RT: 15.44 min Scan# 3935
Delta R.T. -0.05 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

Tgt Ion: 91 Resp: 864
Ion Ratio Lower Upper
91 100
126 23.5 11.6 46.4





#72

4-Ethyltoluene

Concen: 0.001 ppbv

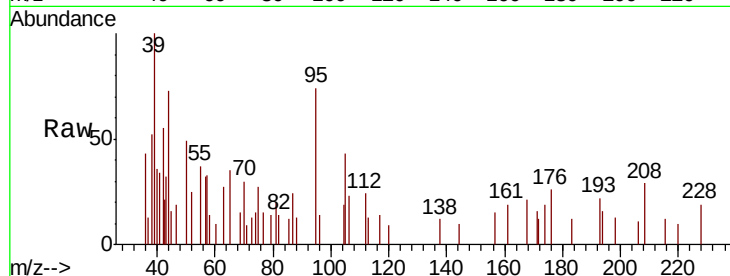
RT: 15.82 min Scan# 4052

Delta R.T. -0.05 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tot Ion:	105	Resp:	358
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.6	35.4#
91	0.0	11.4	17.0#
77	0.0	12.1	18.1#



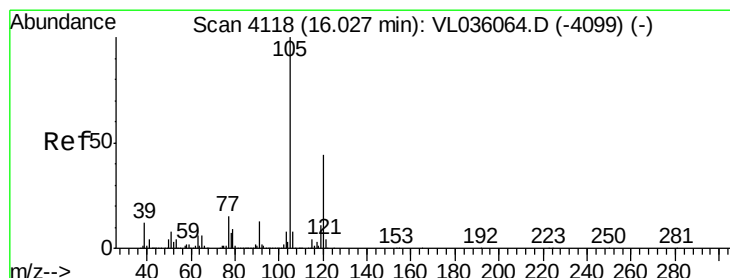
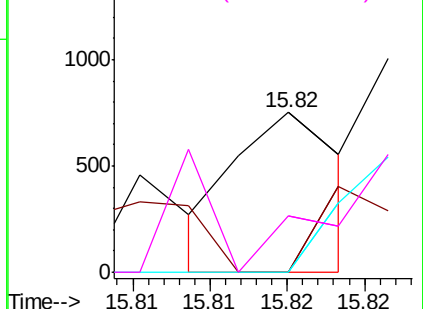
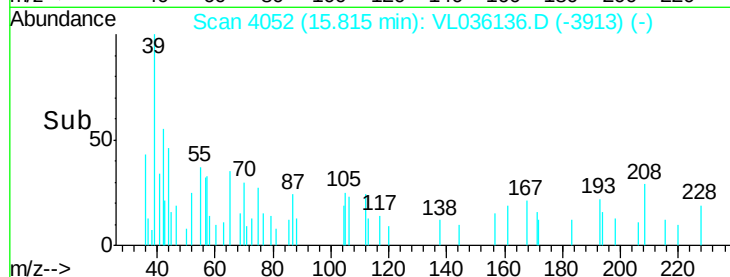
Abundance

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



#73

1,3,5-Trimethylbenzene

Concen: 0.001 ppbv

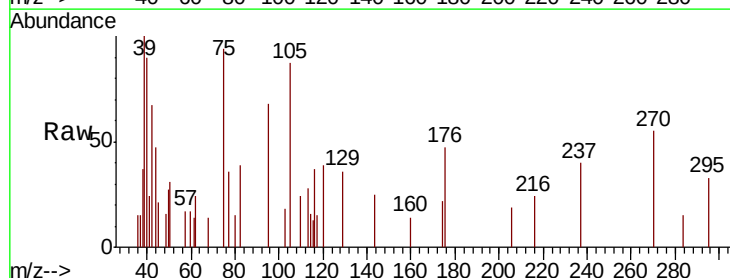
RT: 15.97 min Scan# 4101

Delta R.T. -0.05 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

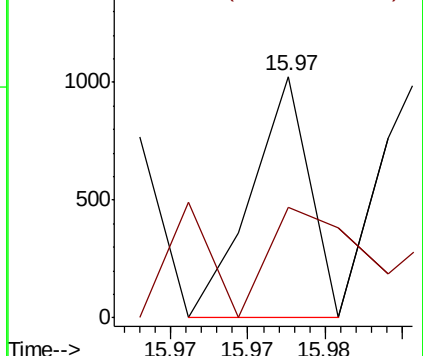
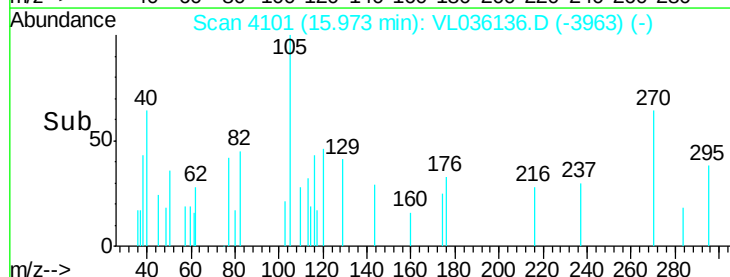
Tgt Ion:	105	Resp:	267
Ion	Ratio	Lower	Upper
105	100		
120	0.0	35.4	53.2#

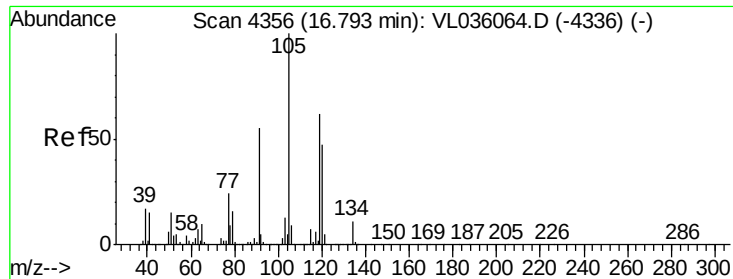


Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 0.004 ppbv

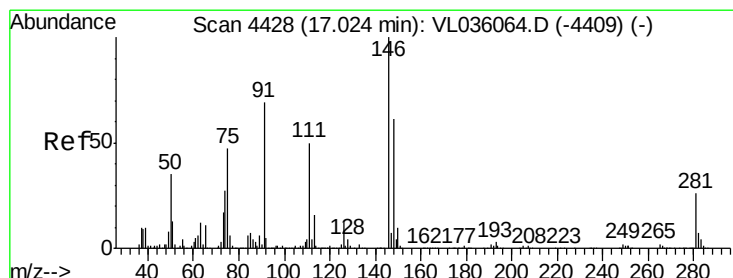
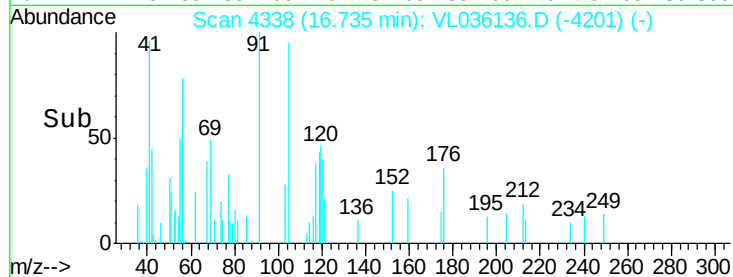
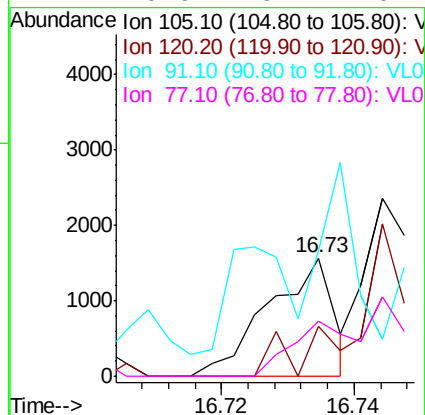
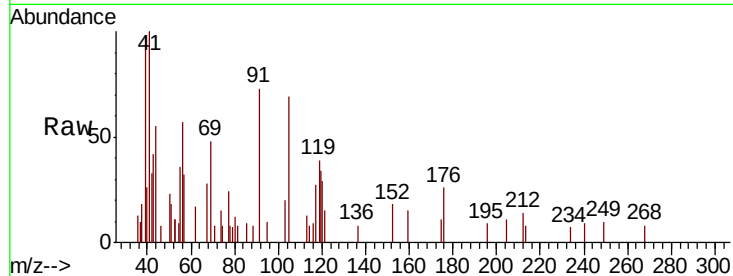
RT: 16.73 min Scan# 4338

Delta R.T. -0.06 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tot Ion:	105	Resp:	1071
Ion	Ratio	Lower	Upper
105	100		
120	42.1	37.4	56.0
91	86.9	45.6	68.4#
77	46.6	19.4	29.2#



#75

1,3-Dichlorobenzene

Concen: 0.001 ppbv

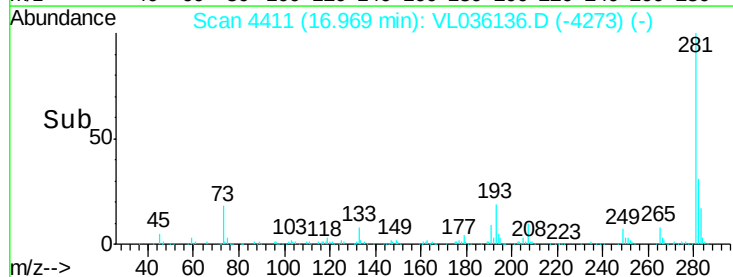
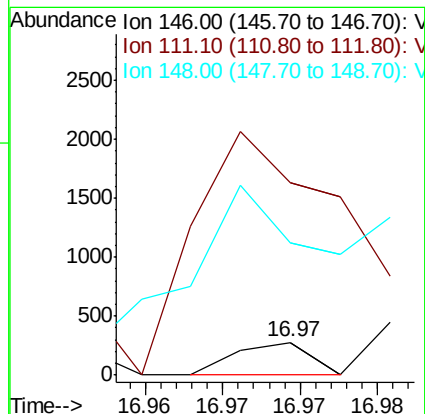
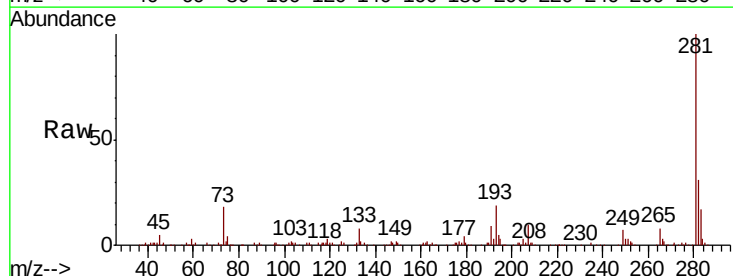
RT: 16.97 min Scan# 4411

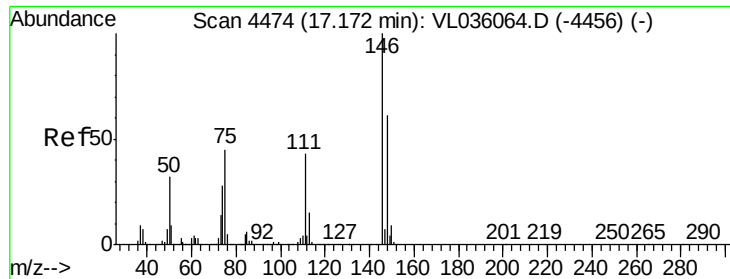
Delta R.T. -0.05 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tgt Ion:	146	Resp:	94
Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.1	75.3#
148	3301.1	32.9	98.6#





#76

1,4-Dichlorobenzene

Concen: 0.002 ppbv

RT: 17.11 min Scan# 4456

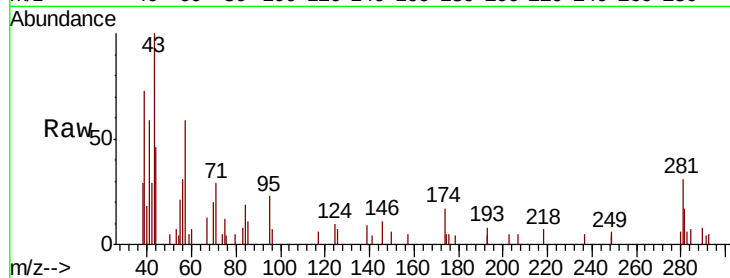
Delta R.T. -0.06 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tot Ion:146 Resp: 210

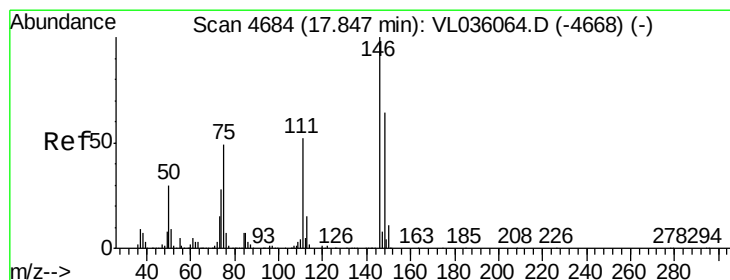
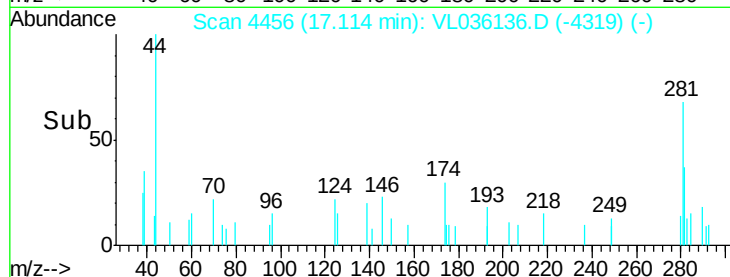
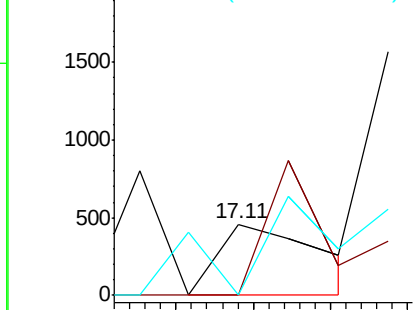
Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.3	72.8#
148	0.0	32.8	98.3#



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: 0.002 ppbv

RT: 17.86 min Scan# 4687

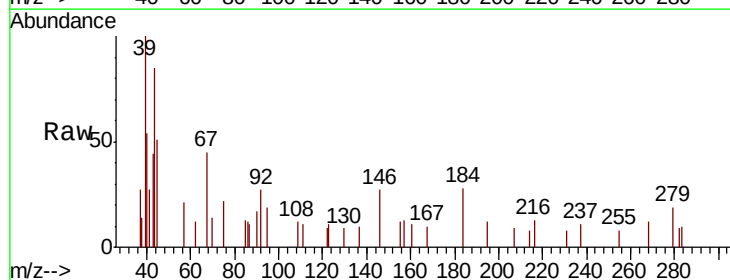
Delta R.T. 0.01 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tgt Ion:146 Resp: 247

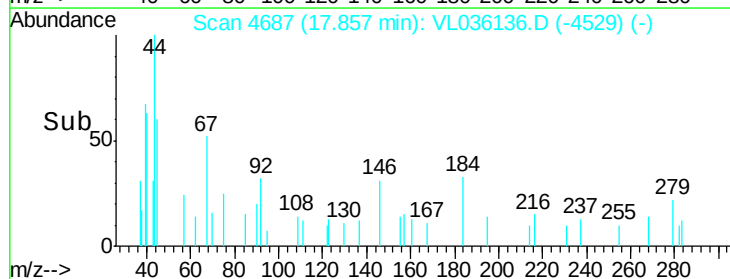
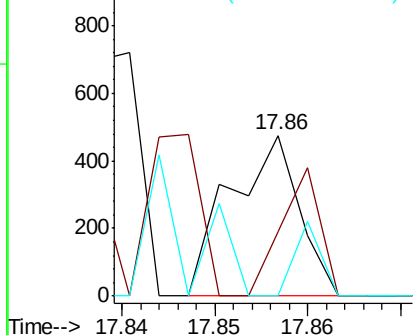
Ion	Ratio	Lower	Upper
146	100		
111	74.9	26.1	78.2
148	71.3	33.1	99.5

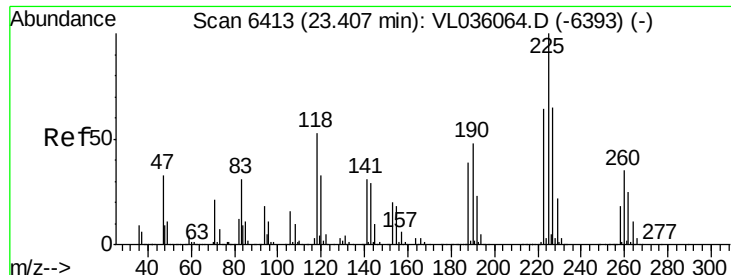


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

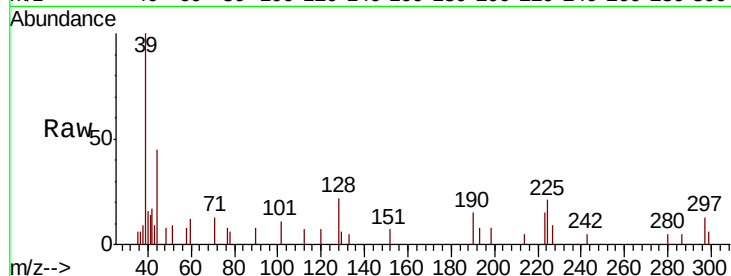




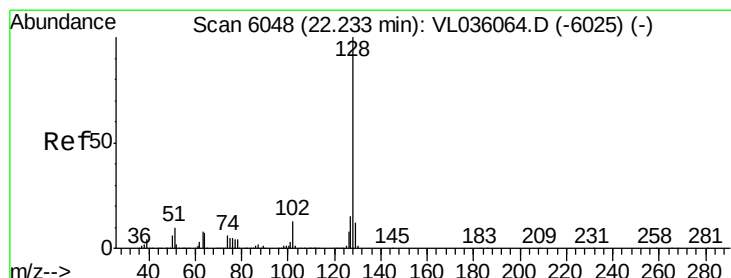
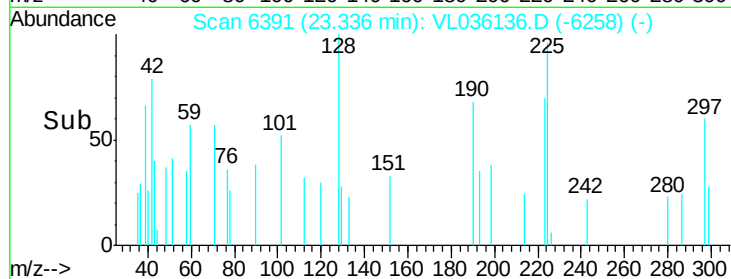
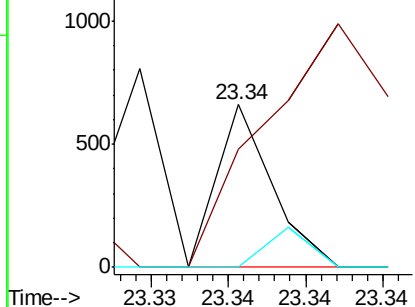
#78

Hexachloro-1,3-Butadiene
Concen: 0.002 ppbv
RT: 23.34 min Scan# 6391
Delta R.T. -0.07 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

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



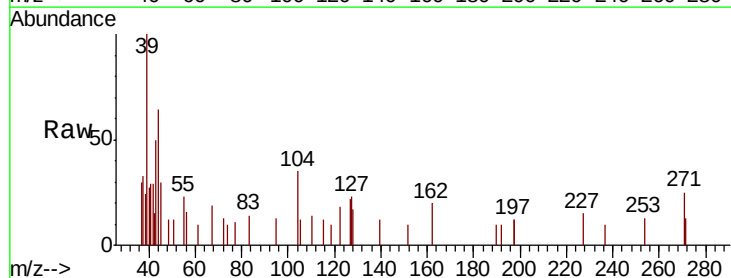
Abundance Ion 224.90 (224.60 to 225.60): V
Ion 222.90 (222.60 to 223.60): V
Ion 226.90 (226.60 to 227.60): V



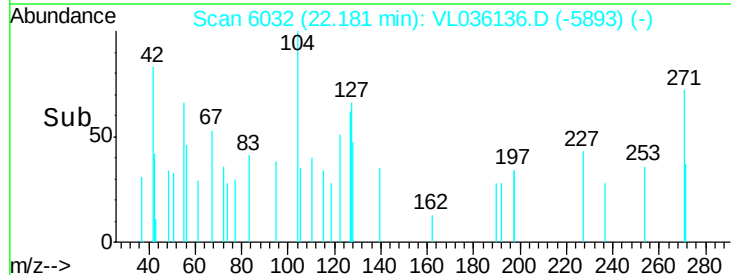
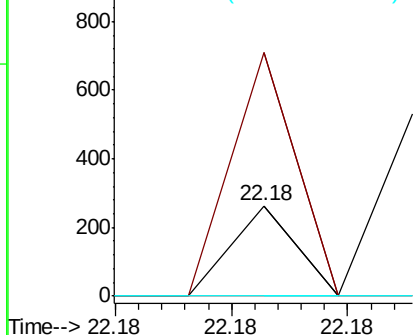
#79

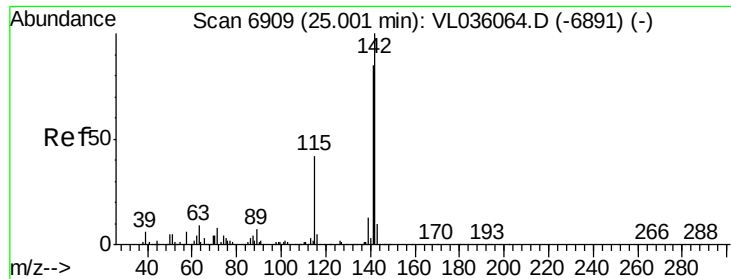
Naphthalene
Concen: 0.000 ppbv
RT: 22.18 min Scan# 6032
Delta R.T. -0.05 min
Lab File: VL036136.D
Acq: 10 Dec 2020 20:20

Tgt Ion	Ratio	Lower	Upper
128	100		
127	268.6	11.7	17.5#
129	0.0	9.3	13.9#



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





#80

Naphthalene, 2-methyl-

Concen: 0.001 ppbv

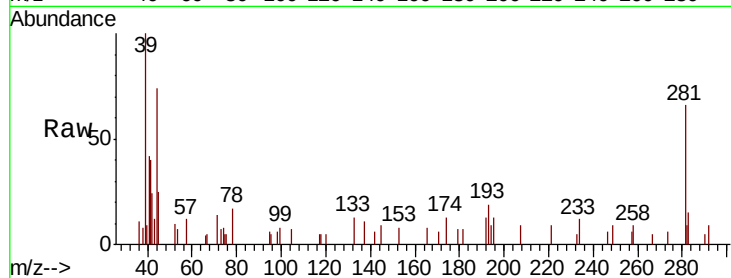
RT: 25.00 min Scan# 6909

Delta R.T. -0.00 min

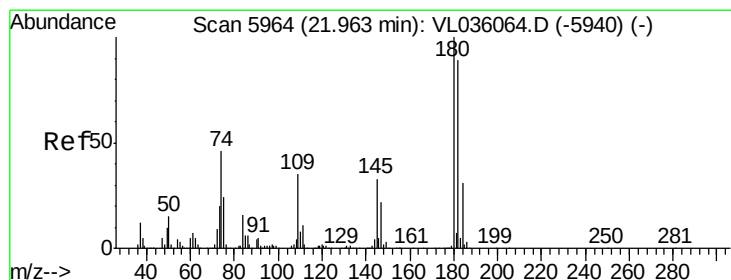
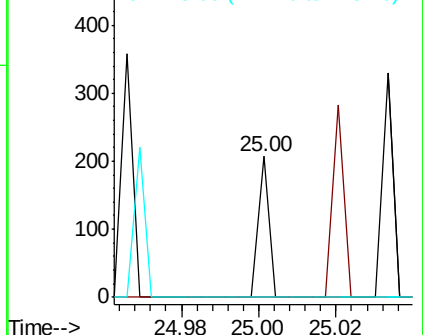
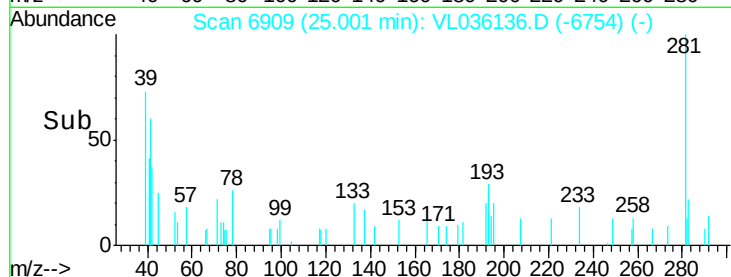
Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tot Ion:142	Resp:	40
Ion Ratio	Lower	Upper
142	100	
141	137.5	64.3 96.5#
115	0.0	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: 0.003 ppbv

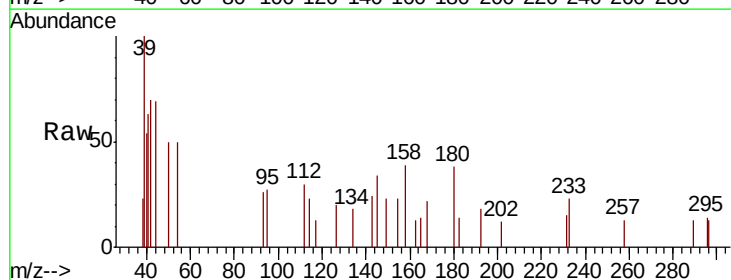
RT: 21.90 min Scan# 5944

Delta R.T. -0.06 min

Lab File: VL036136.D

Acq: 10 Dec 2020 20:20

Tgt Ion:180	Resp:	235
Ion Ratio	Lower	Upper
180	100	
182	48.9	0.0 0.0#
184	52.3	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

