

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036141.D
 Acq On : 10 Dec 2020 23:31
 Operator : SY/AP
 Sample : L4948-15 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 11 04:51:22 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	1320423	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2647823	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2362236	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2079684	11.09	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.90%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	2.94	85	148	0.001	ppbv 94
3) Chlorodifluoromethane	3.18	51	947	0.006	ppbv 94
5) Vinyl Chloride	3.25	62	208	0.003	ppbv # 44
6) Bromomethane	3.48	94	116	0.003	ppbv # 1
7) Chloroethane	3.56	64	228	0.008	ppbv # 40
8) Dichlorotetrafluoroethane	3.17	85	393	0.002	ppbv # 16
11) Trichlorofluoromethane	3.91	101	175	0.001	ppbv 93
12) 1,1,2-Trichlorotrifluoroet	4.48	101	370	0.003	ppbv # 12
13) Ethanol	3.61	45	43533m	4.184	ppbv
14) Bromoethene	3.73	108	100	0.002	ppbv # 61
15) Acetone	3.85	43	250203	1.577	ppbv 97
16) 1,3-Butadiene	3.31	39	1126	0.014	ppbv # 11
17) tert-Butyl alcohol	4.31	59	3605	0.023	ppbv # 71
18) 1,1-Dichloroethene	4.36	96	63	0.001	ppbv # 40
20) Methylene Chloride	4.33	84	25714m	0.395	ppbv
21) Allyl Chloride	4.40	41	271	0.003	ppbv # 18
22) trans-1,2-Dichloroethene	4.87	96	424	0.008	ppbv # 1
23) Vinyl Acetate	5.05	43	1549	0.007	ppbv # 63
24) 1,1-Dichloroethane	5.00	63	262	0.002	ppbv # 88
27) Carbon Disulfide	4.54	76	100	0.001	ppbv # 48
28) Methyl tert-Butyl Ether	5.01	73	108	0.001	ppbv # 51
29) Chloroform	5.73	83	2459	0.013	ppbv 91
30) Cyclohexane	7.12	84	64407m	0.614	ppbv
31) cis-1,2-Dichloroethene	5.53	61	258	0.002	ppbv # 70
32) 1,1,1-Trichloroethane	6.50	97	4069	0.021	ppbv # 1
34) 2-Butanone	5.24	43	19420m	0.111	ppbv
35) Carbon Tetrachloride	7.01	117	802	0.005	ppbv # 31
36) Benzene	6.87	78	5269	0.023	ppbv # 60
37) 1,2-Dichloroethane	6.29	62	649	0.005	ppbv # 83
38) Trichloroethene	7.80	130	50	0.001	ppbv # 1
40) 1,4-Dioxane	7.81	88	177	0.006	ppbv # 1
41) Tetrahydrofuran	6.03	42	129	0.001	ppbv # 25
42) Bromodichloromethane	7.77	83	898	0.005	ppbv # 25
43) Methyl Methacrylate	7.99	69	253	0.003	ppbv # 1
44) 2,2,4-Trimethylpentane	7.84	57	6391	0.016	ppbv # 1
45) t-1,3-Dichloropropene	9.14	75	171	0.002	ppbv 92
46) cis-1,3-Dichloropropene	8.67	75	87	0.001	ppbv # 13
47) 1,1,2-Trichloroethane	9.45	97	189	0.002	ppbv # 21
48) Dibromochloromethane	10.29	129	215	0.002	ppbv 83
49) Bromoform	12.85	173	80	0.001	ppbv 91
50) 4-Methyl-2-Pentanone	8.72	43	302	0.001	ppbv # 83

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

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

Response via : Initial Calibration

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

51) 2-Hexanone	10.10	43	760	0.004	ppbv #	29
52) Tetrachloroethene	11.20	164	119477m	1.471	ppbv	
53) Toluene	9.80	91	23132m	0.092	ppbv	
54) 1,2-Dibromoethane	10.09	107	84	0.001	ppbv	89
56) 1,1,1,2-Tetrachloroethane	12.11	131	271	0.003	ppbv #	1
57) Chlorobenzene	12.14	112	346	0.002	ppbv #	58
58) Ethyl Benzene	12.70	91	55903m	0.173	ppbv	
59) m/p-Xylene	12.95	91	255735m	0.938	ppbv	
60) o-Xylene	13.68	91	97607	0.380	ppbv	98
61) Styrene	13.52	104	225	0.001	ppbv #	1
62) Isopropylbenzene	14.41	105	485	0.001	ppbv	90
63) 1,1,2,2-Tetrachloroethane	13.66	83	608	0.004	ppbv #	25
64) n-propylbenzene	15.55	120	293	0.003	ppbv #	1
65) tert-Butylbenzene	16.72	119	252	0.001	ppbv #	15
66) Benzyl Chloride	16.95	91	133	0.002	ppbv #	1
67) sec-Butylbenzene	17.26	105	576	0.001	ppbv #	60
69) p-Isopropyltoluene	17.63	119	699	0.002	ppbv #	46
70) n-Butylbenzene	18.52	91	32	0.000	ppbv #	1
71) 2-Chlorotoluene	15.25	91	411	0.001	ppbv	98
72) 4-Ethyltoluene	15.82	105	1154	0.004	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.98	105	1220	0.005	ppbv #	45
74) 1,2,4-Trimethylbenzene	16.73	105	1359	0.005	ppbv #	72
75) 1,3-Dichlorobenzene	16.97	146	397	0.003	ppbv #	22
76) 1,4-Dichlorobenzene	17.12	146	247	0.002	ppbv #	1
77) 1,2-Dichlorobenzene	17.79	146	266	0.002	ppbv #	21
78) Hexachloro-1,3-Butadiene	23.35	225	129	0.001	ppbv #	1
79) Naphthalene	22.17	128	207	0.002	ppbv #	67
80) Naphthalene, 2-methyl-	24.94	142	112	0.004	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.95	180	175	0.002	ppbv #	100

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

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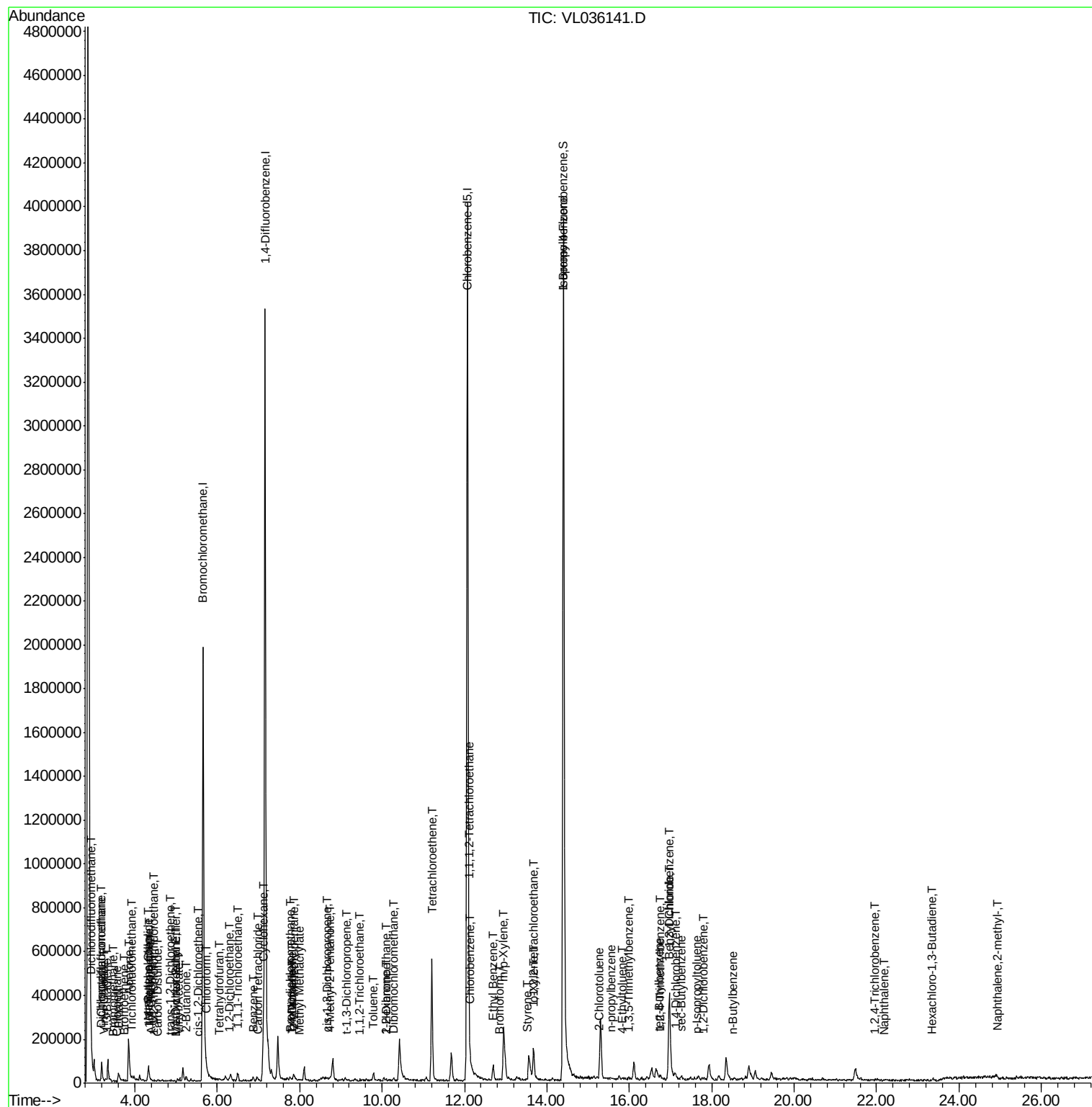
Quant Time: Dec 11 04:51:22 2020

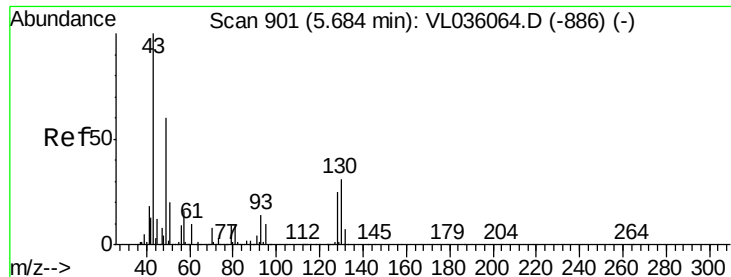
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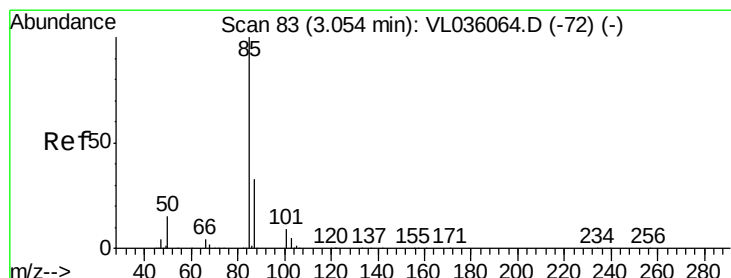
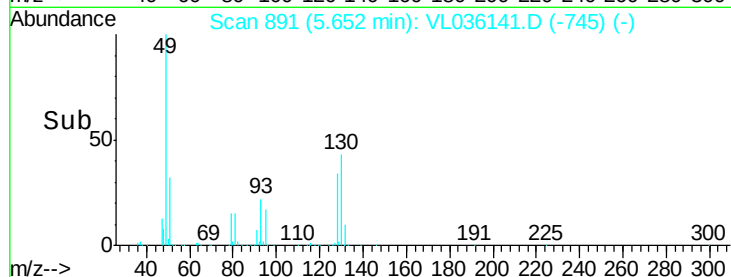
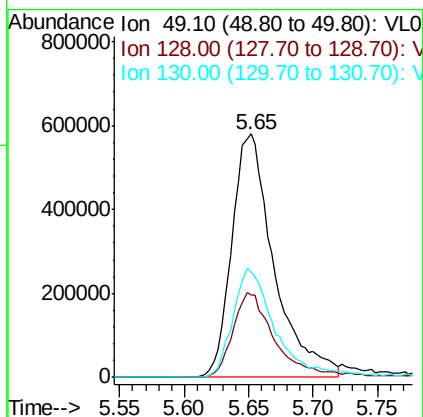
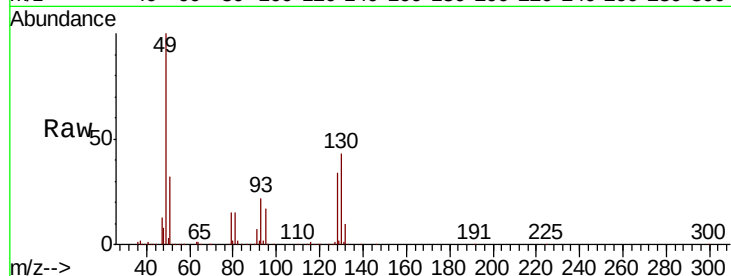
Response via : Initial Calibration





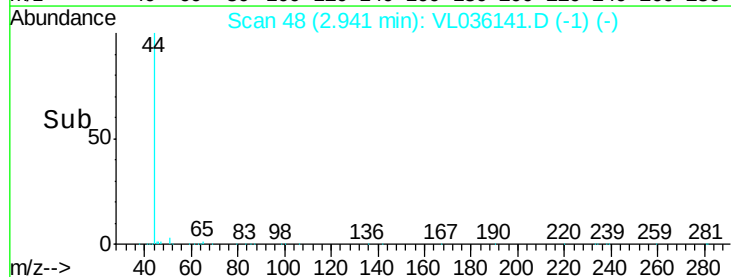
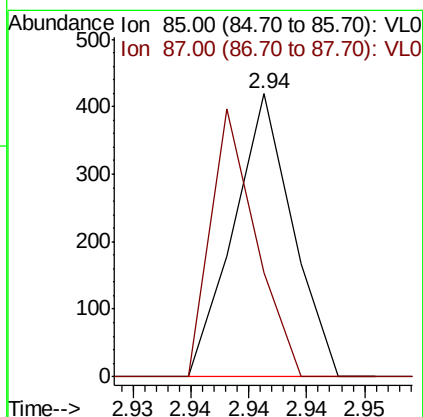
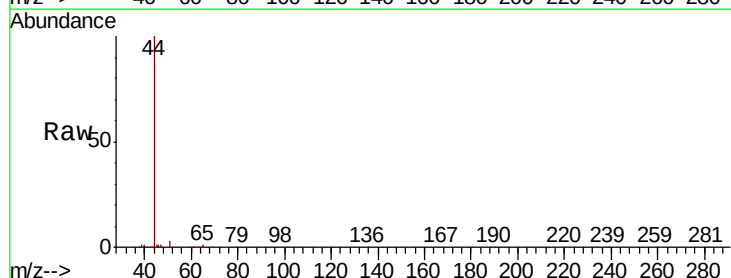
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. -0.03 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

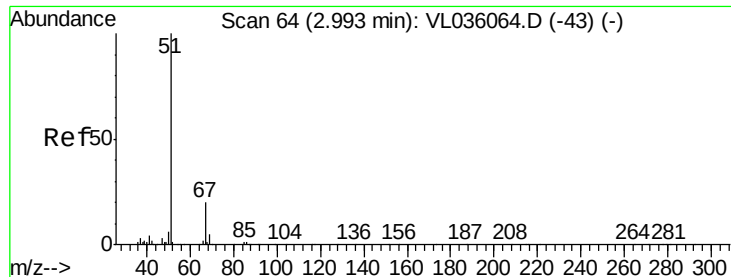
Tot Ion: 49 Resp: 1320423
 Ion Ratio Lower Upper
 49 100
 128 35.8 21.1 63.1
 130 46.3 27.1 81.3



#2
 Dichlorodifluoromethane
 Concen: 0.001 ppbv
 RT: 2.94 min Scan# 48
 Delta R.T. -0.11 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

Tgt Ion: 85 Resp: 148
 Ion Ratio Lower Upper
 85 100
 87 36.8 26.5 39.7





#3

Chlorodifluoromethane

Concen: 0.006 ppbv

RT: 3.18 min Scan# 122

Delta R.T. 0.19 min

Lab File: VL036141.D

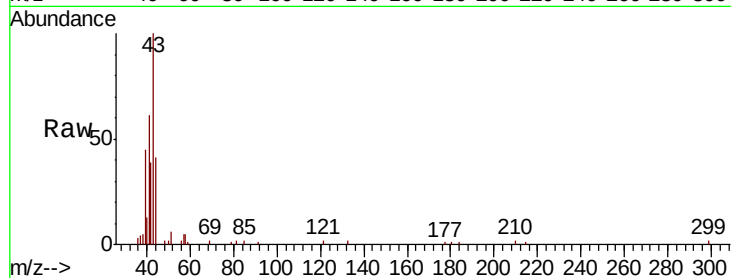
Acq: 10 Dec 2020 23:31

Tot Ion: 51 Resp: 947

Ion Ratio Lower Upper

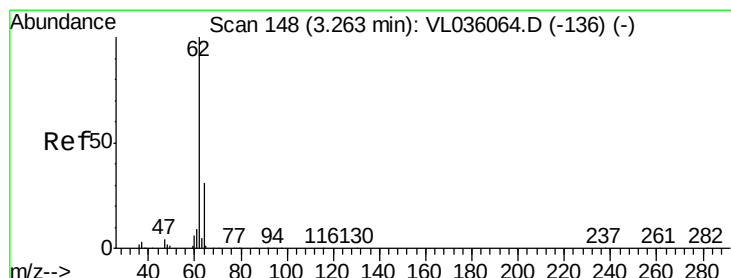
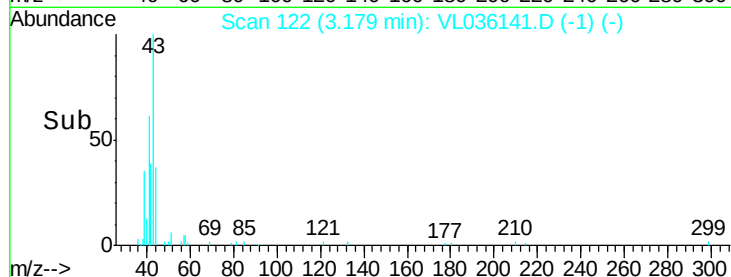
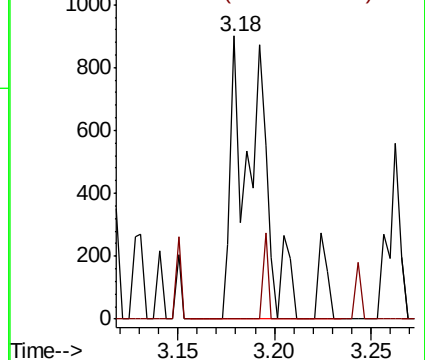
51 100

67 15.4 14.3 21.5



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#5

Vinyl Chloride

Concen: 0.003 ppbv

RT: 3.25 min Scan# 143

Delta R.T. -0.02 min

Lab File: VL036141.D

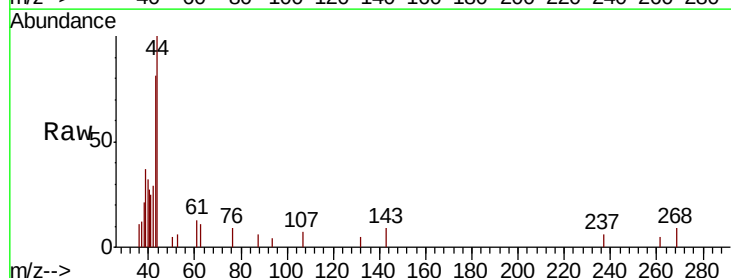
Acq: 10 Dec 2020 23:31

Tgt Ion: 62 Resp: 208

Ion Ratio Lower Upper

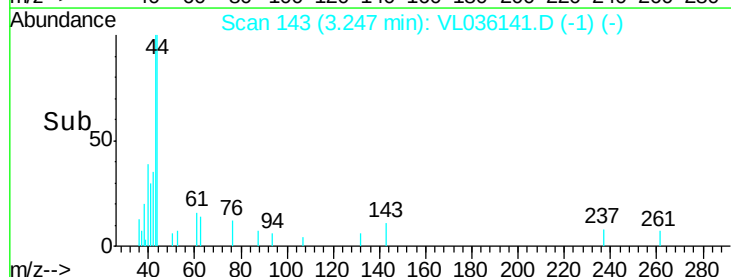
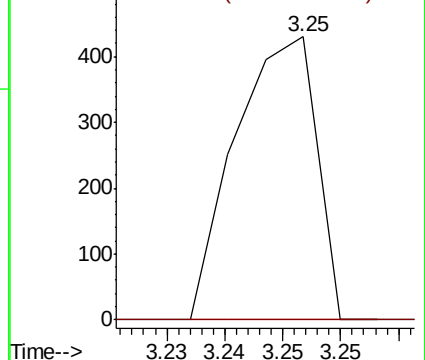
62 100

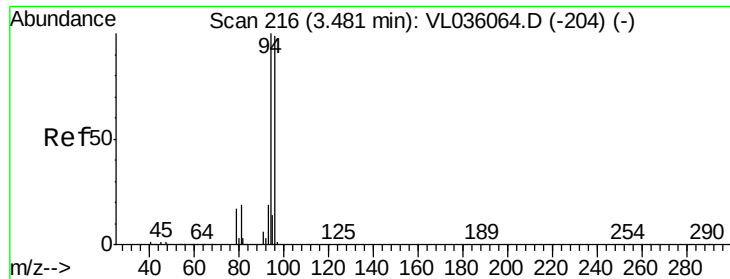
64 0.0 24.5 36.7#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0





#6

Bromomethane

Concen: 0.003 ppbv

RT: 3.48 min Scan# 215

Delta R.T. -0.00 min

Lab File: VL036141.D

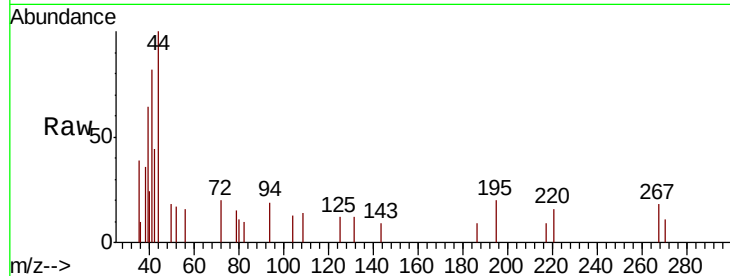
Acq: 10 Dec 2020 23:31

Tot Ion: 94 Resp: 116

Ion Ratio Lower Upper

94 100

96 0.0 79.4 119.0#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.48

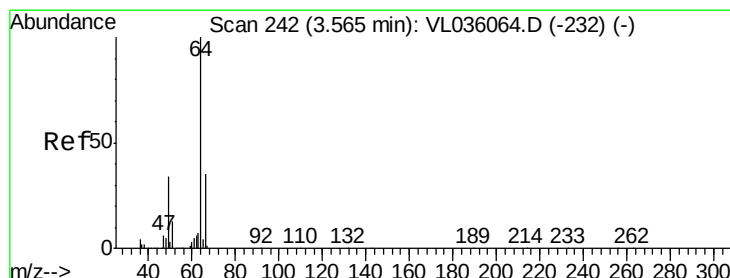
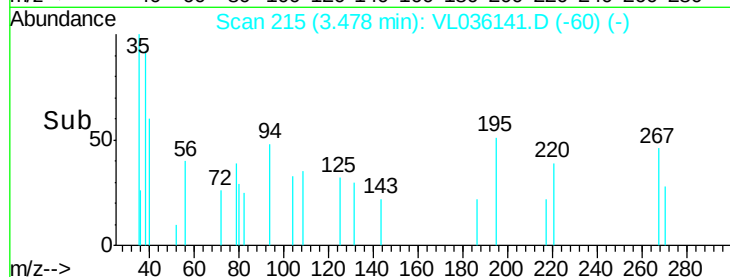
300

200

100

0

Time-->



#7

Chloroethane

Concen: 0.008 ppbv

RT: 3.56 min Scan# 241

Delta R.T. -0.00 min

Lab File: VL036141.D

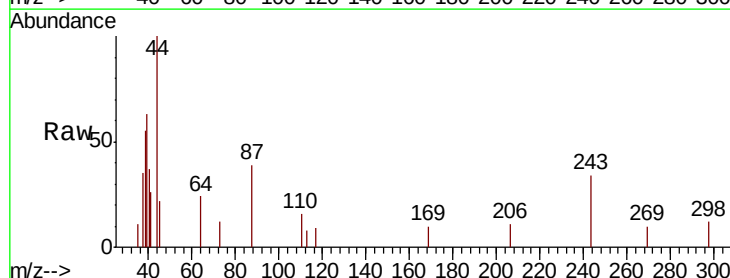
Acq: 10 Dec 2020 23:31

Tgt Ion: 64 Resp: 228

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

3.56

500

400

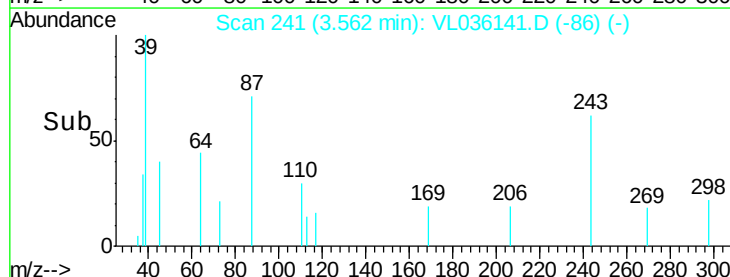
300

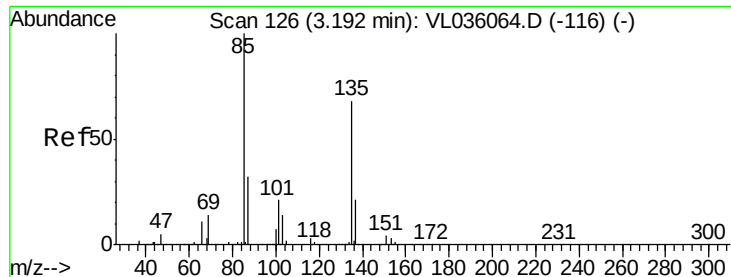
200

100

0

Time-->





#8

Dichlorotetrafluoroethane

Concen: 0.002 ppbv

RT: 3.17 min Scan# 119

Delta R.T. -0.02 min

Lab File: VL036141.D

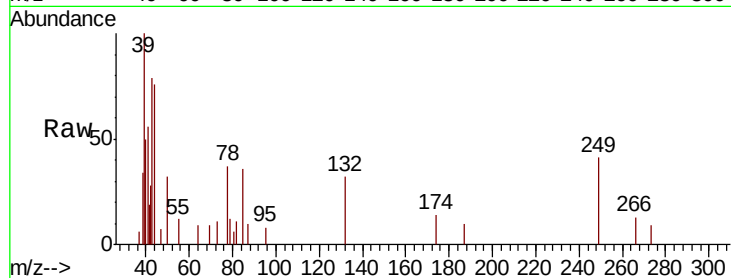
Acq: 10 Dec 2020 23:31

Tot Ion: 85 Resp: 393

Ion Ratio Lower Upper

85 100

135 0.0 53.8 80.8#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

1000

800

600

400

200

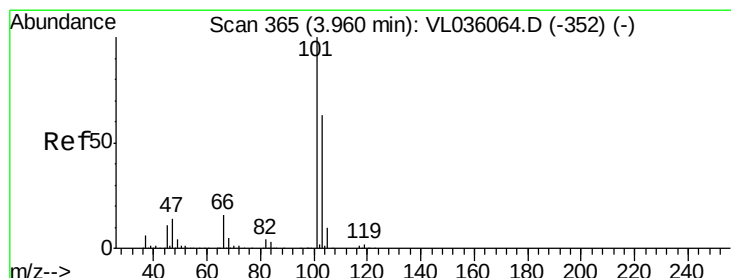
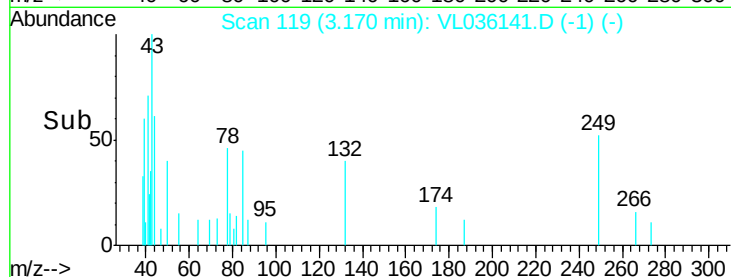
0

3.16

3.17

3.18

Time-->



#11

Trichlorofluoromethane

Concen: 0.001 ppbv

RT: 3.91 min Scan# 350

Delta R.T. -0.05 min

Lab File: VL036141.D

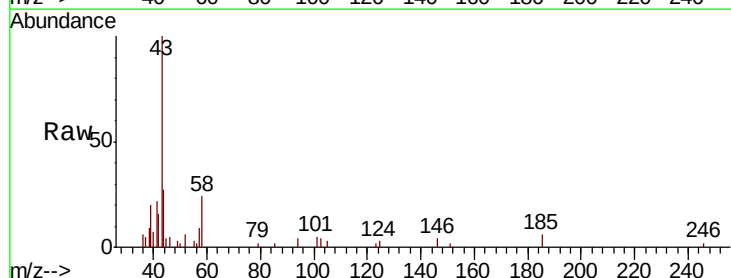
Acq: 10 Dec 2020 23:31

Tgt Ion: 101 Resp: 175

Ion Ratio Lower Upper

101 100

103 68.2 50.3 75.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

600

500

400

300

200

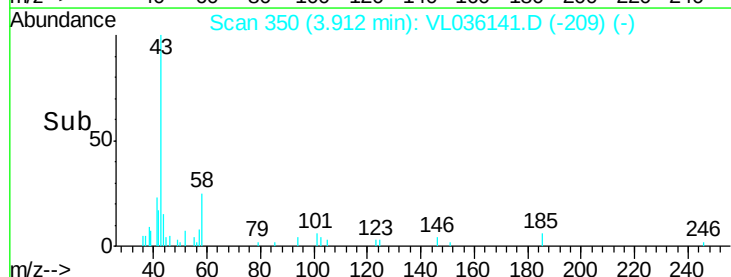
100

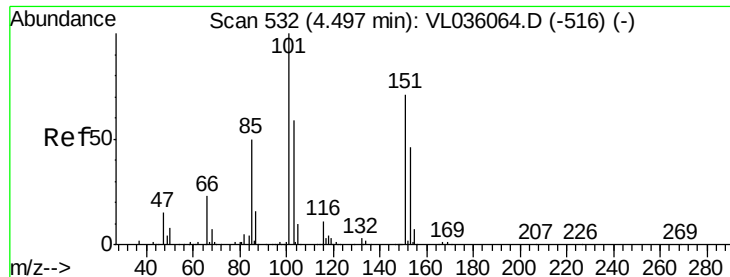
0

3.91

3.92

Time-->





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.003 ppbv

RT: 4.48 min Scan# 526

Delta R.T. -0.02 min

Lab File: VL036141.D

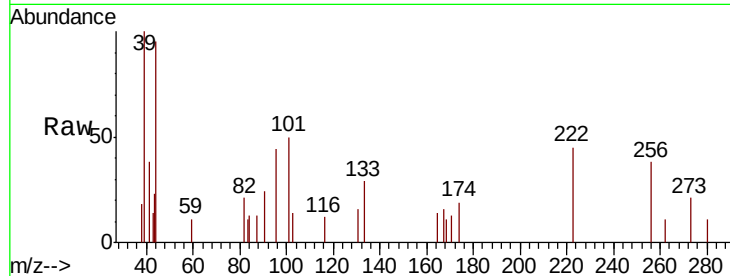
Acq: 10 Dec 2020 23:31

Tot Ion:101 Resp: 370

Ion Ratio Lower Upper

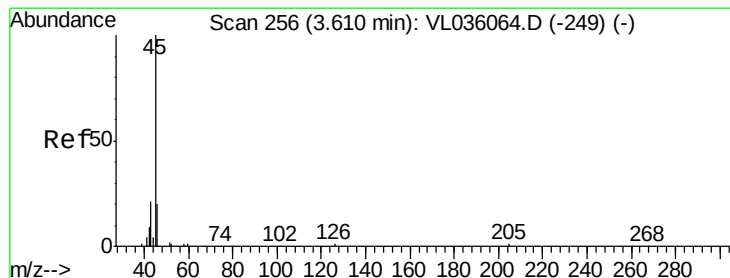
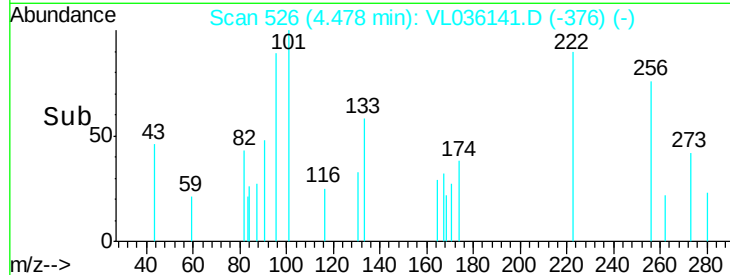
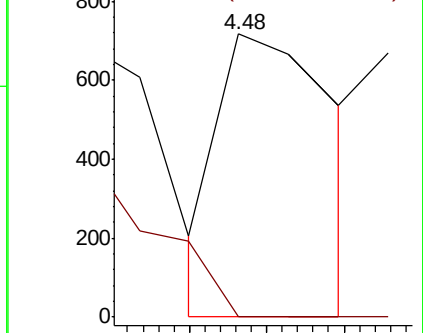
101 100

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: 4.184 ppbv m

RT: 3.61 min Scan# 255

Delta R.T. -0.00 min

Lab File: VL036141.D

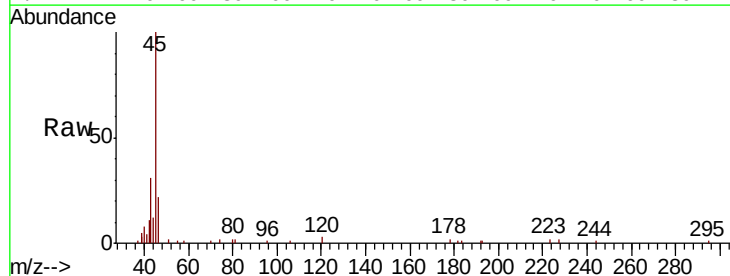
Acq: 10 Dec 2020 23:31

Tgt Ion: 45 Resp: 43533

Ion Ratio Lower Upper

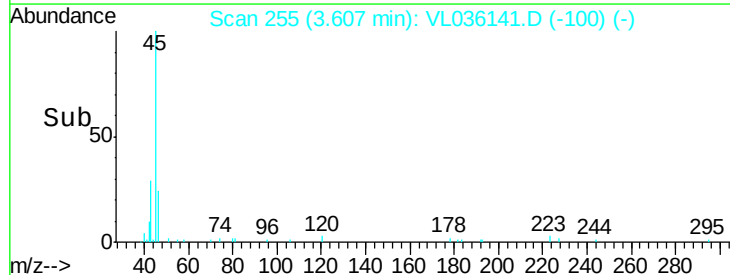
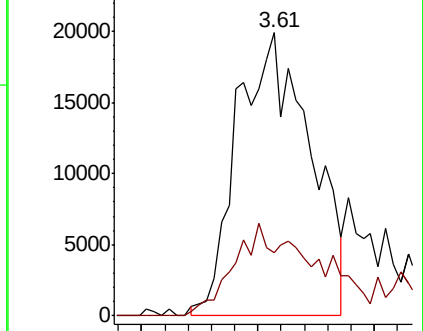
45 100

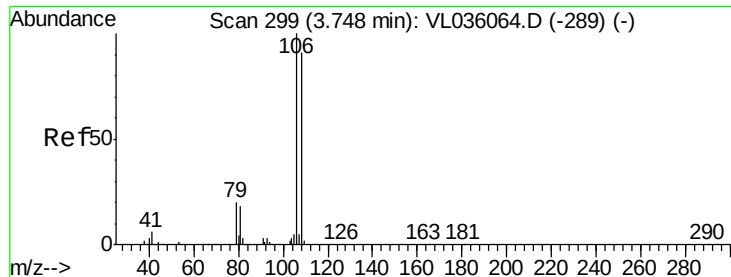
46 0.0 19.0 75.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#14

Bromoethene

Concen: 0.002 ppbv

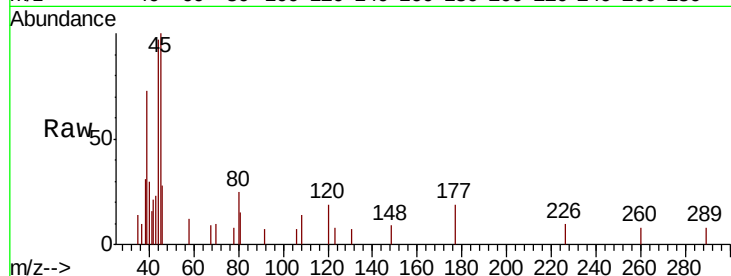
RT: 3.73 min Scan# 294

Delta R.T. -0.02 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

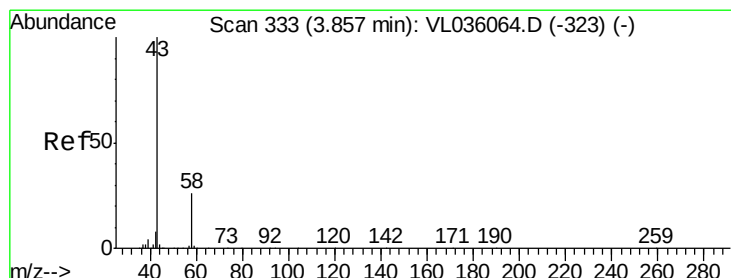
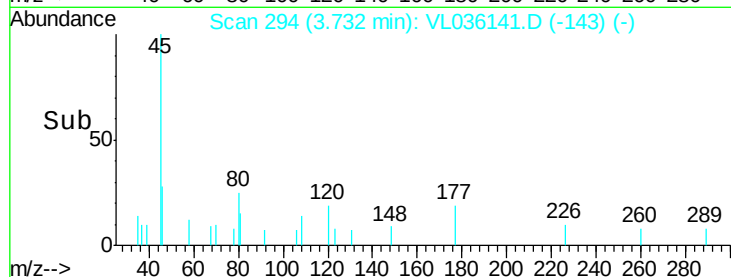
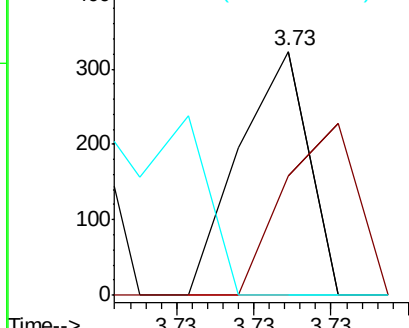
Tot Ion:	108	Resp:	100
Ion	Ratio	Lower	Upper
108	100		
106	74.0	91.0	136.4#
79	0.0	19.3	28.9#



Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0



#15

Acetone

Concen: 1.577 ppbv

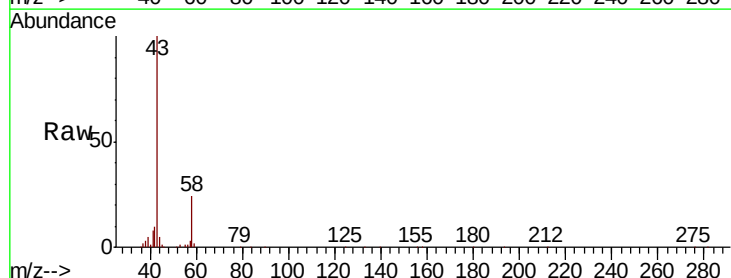
RT: 3.85 min Scan# 330

Delta R.T. -0.01 min

Lab File: VL036141.D

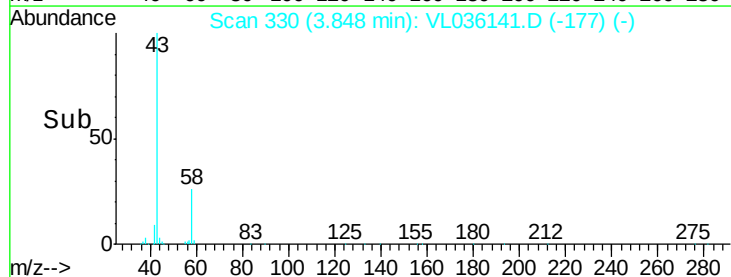
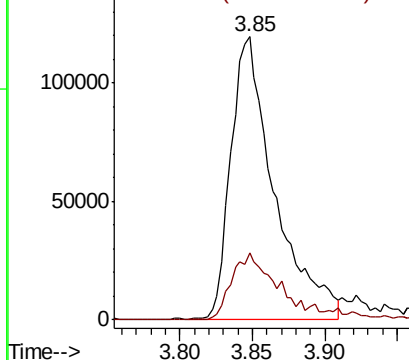
Acq: 10 Dec 2020 23:31

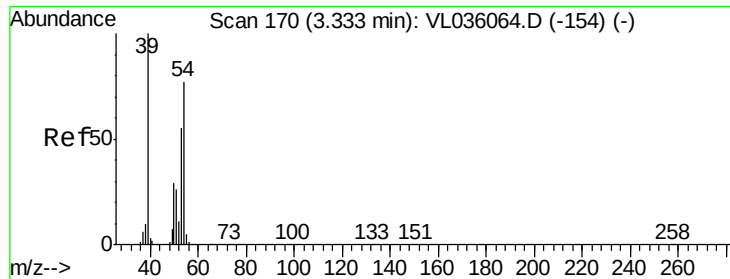
Tgt Ion:	43	Resp:	250203
Ion	Ratio	Lower	Upper
43	100		
58	27.9	20.9	31.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

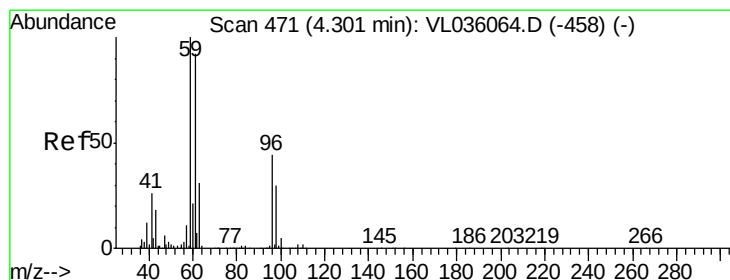
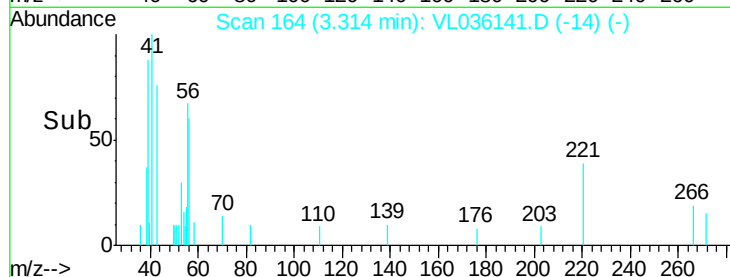
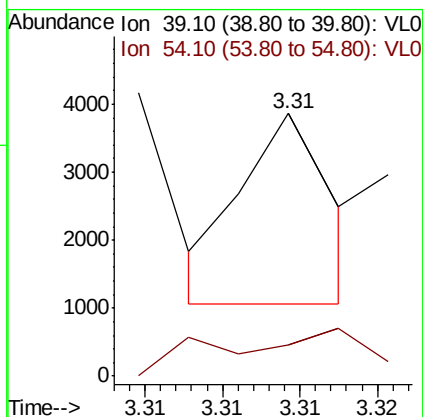
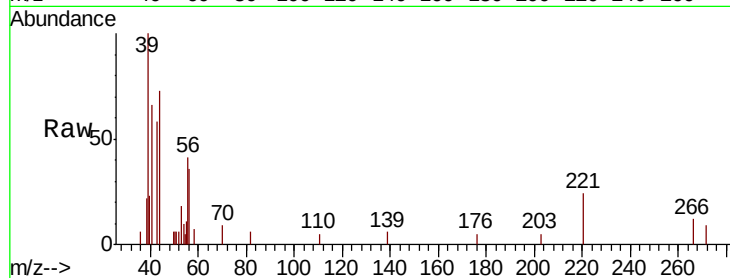
Ion 58.10 (57.80 to 58.80): VL0





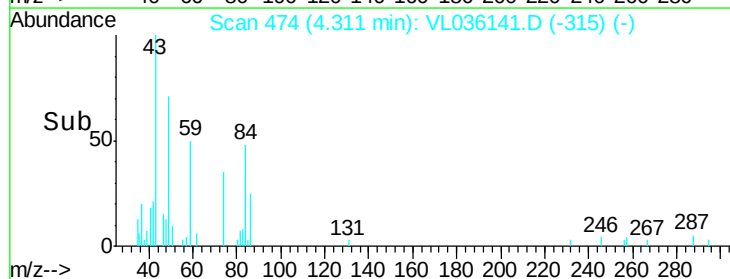
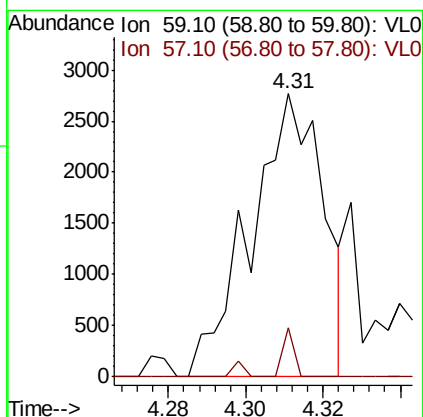
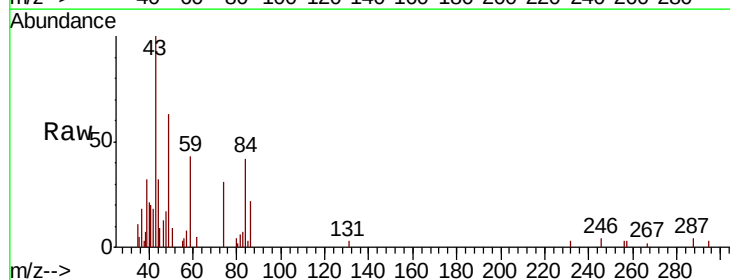
#16
1,3-Butadiene
Concen: 0.014 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.02 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

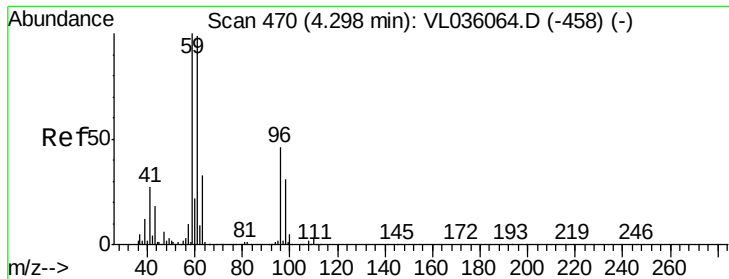
Tot Ion: 39 Resp: 1126
Ion Ratio Lower Upper
39 100
54 0.0 62.1 93.1#



#17
tert-Butyl alcohol
Concen: 0.023 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.01 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

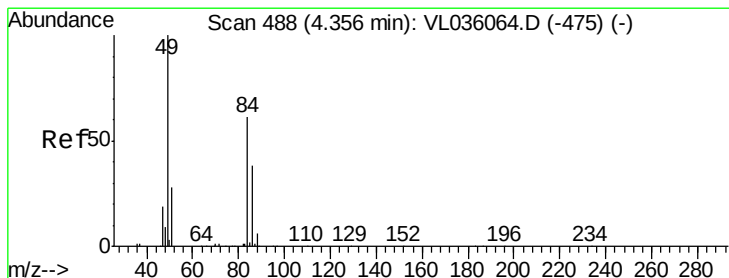
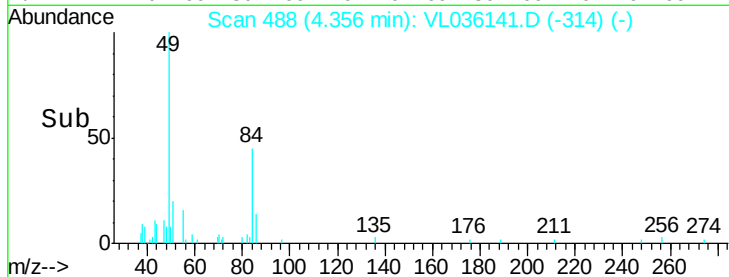
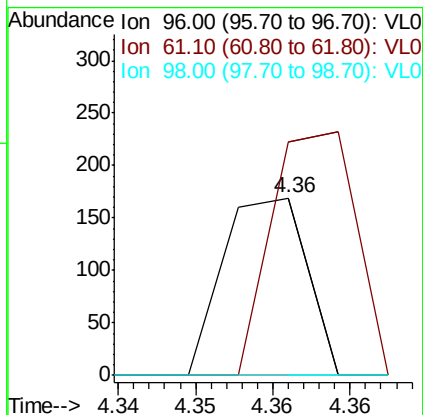
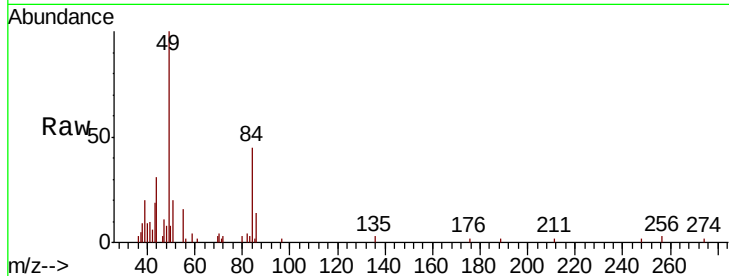
Tgt Ion: 59 Resp: 3605
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





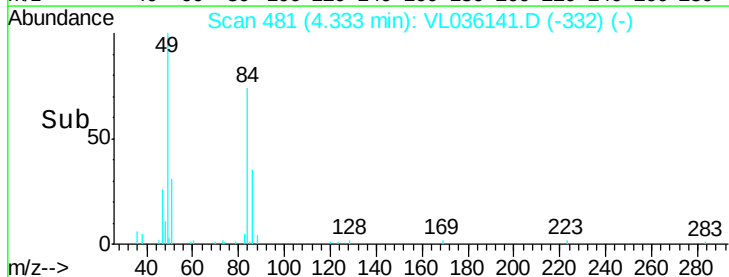
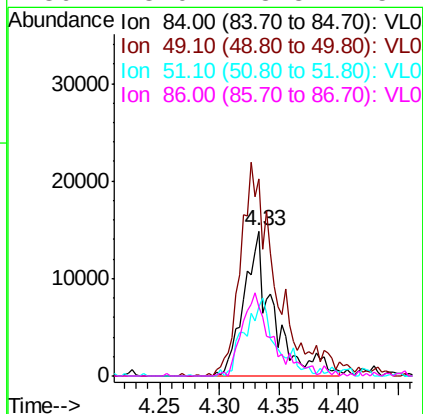
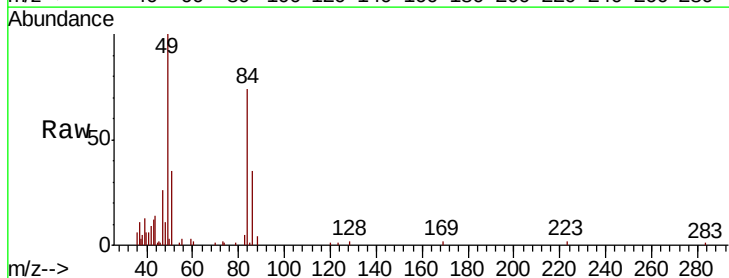
#18
 1,1-Dichloroethene
 Concen: 0.001 ppbv
 RT: 4.36 min Scan# 488
 Delta R.T. 0.06 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

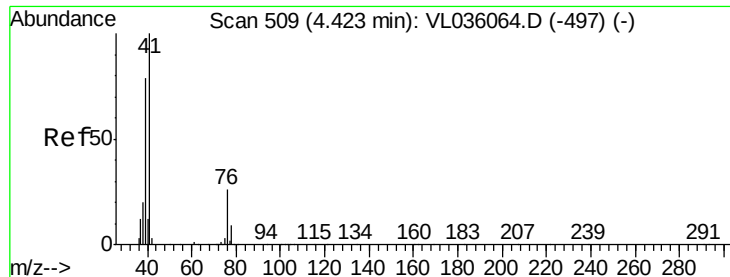
Tot Ion: 96 Resp: 63
 Ion Ratio Lower Upper
 96 100
 61 131.4 171.4 257.2#
 98 0.0 54.2 81.2#



#20
 Methylene Chloride
 Concen: 0.395 ppbv m
 RT: 4.33 min Scan# 481
 Delta R.T. -0.02 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

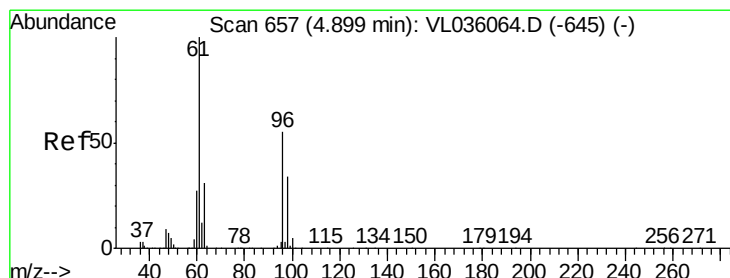
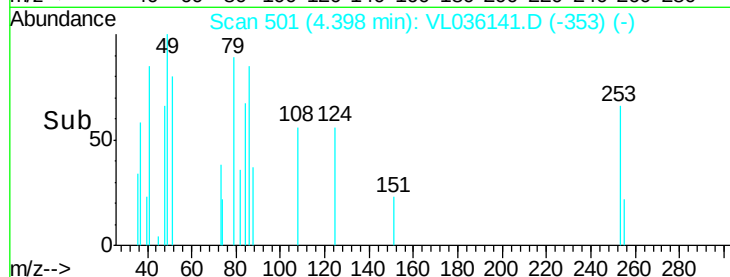
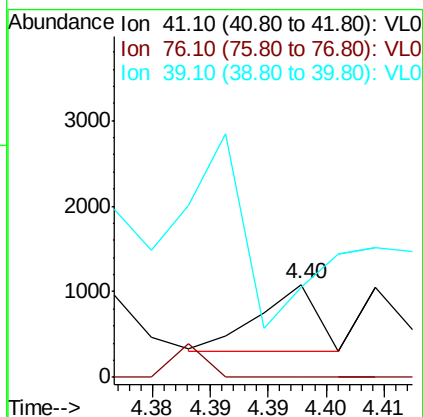
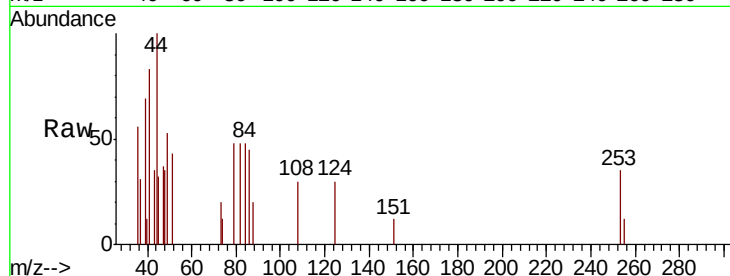
Tgt Ion: 84 Resp: 25714
 Ion Ratio Lower Upper
 84 100
 49 136.0 133.0 199.4
 51 47.5 38.9 58.3
 86 48.0 48.8 73.2#





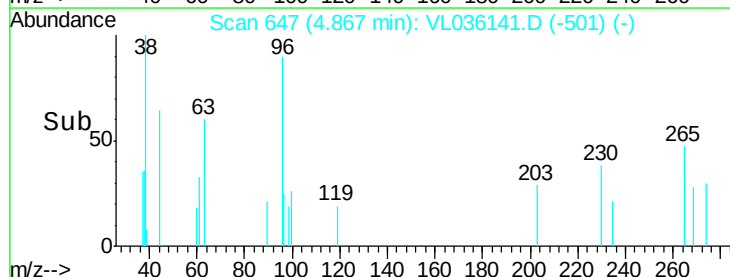
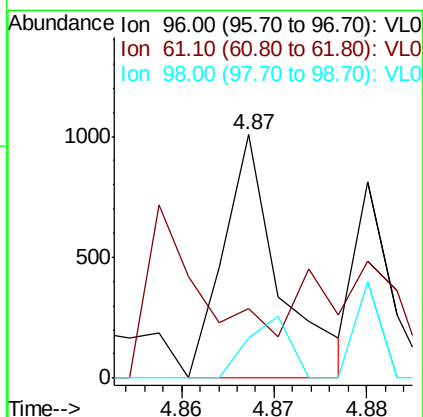
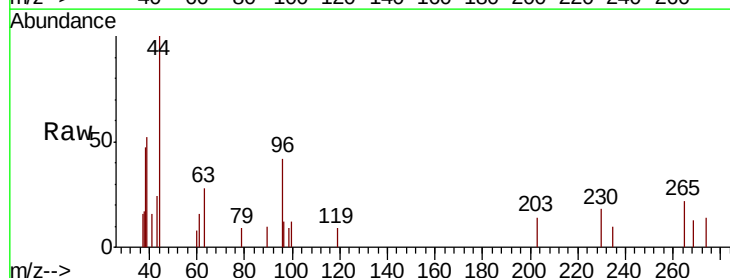
#21
Allvl Chloride
Concen: 0.003 ppbv
RT: 4.40 min Scan# 501
Delta R.T. -0.03 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

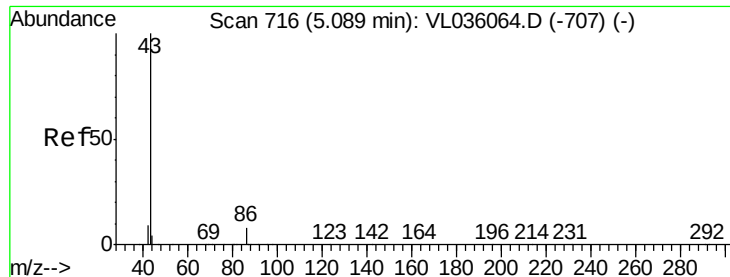
Tot Ion: 41 Resp: 271
Ion Ratio Lower Upper
41 100
76 0.0 21.0 31.4#
39 0.0 66.0 99.0#



#22
trans-1,2-Dichloroethene
Concen: 0.008 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.03 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

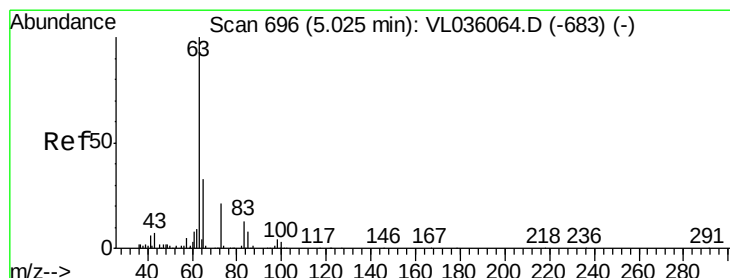
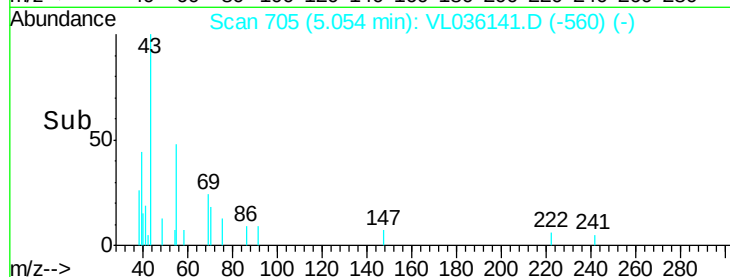
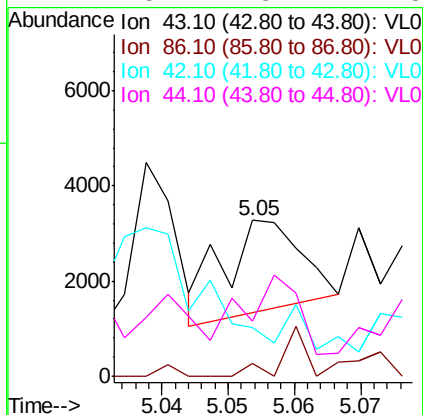
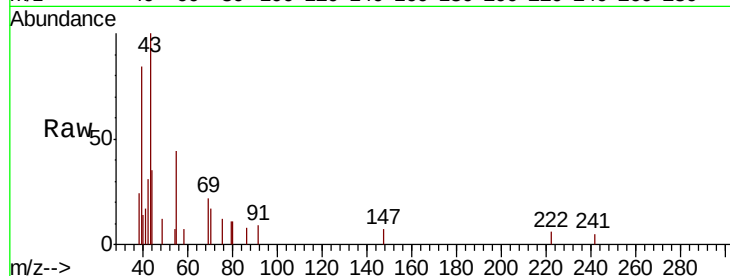
Tgt Ion: 96 Resp: 424
Ion Ratio Lower Upper
96 100
61 2.5 145.7 218.5#
98 16.6 49.2 73.8#





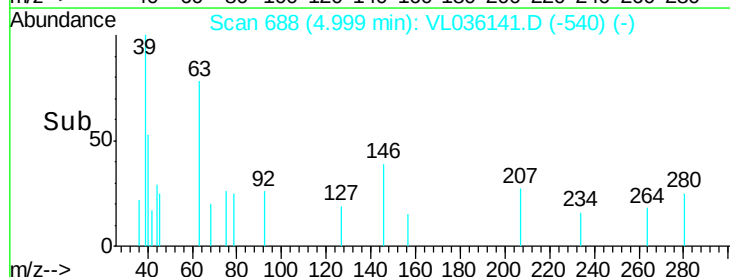
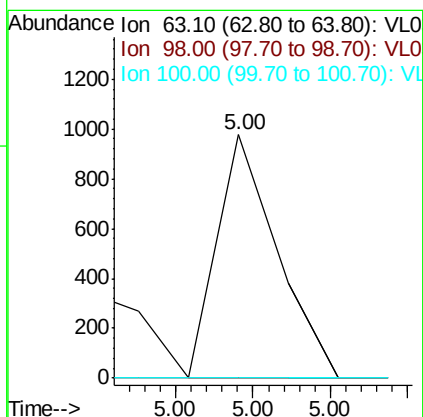
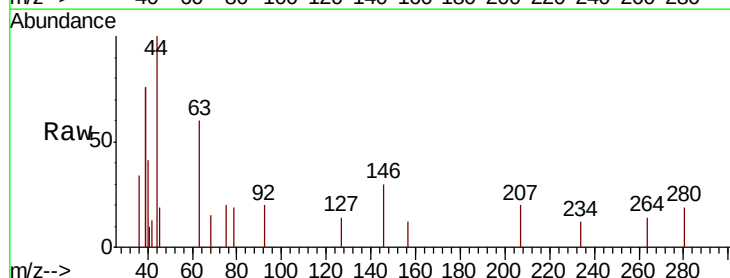
#23
 Vinyl Acetate
 Concen: 0.007 ppbv
 RT: 5.05 min Scan# 705
 Delta R.T. -0.04 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

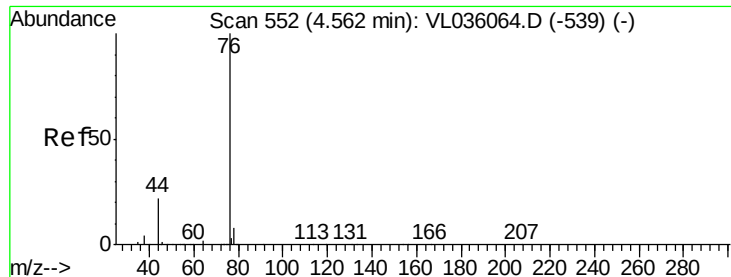
Tot Ion:	43	Resp:	1549
Ion	Ratio	Lower	Upper
43	100		
86	17.7	5.0	7.4#
42	11.8	7.8	11.6#
44	43.4	3.2	4.8#



#24
 1,1-Dichloroethane
 Concen: 0.002 ppbv
 RT: 5.00 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

Tgt Ion:	63	Resp:	262
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.2	6.6#
100	0.0	1.5	4.4#





#27

Carbon Disulfide

Concen: 0.001 ppbv

RT: 4.54 min Scan# 544

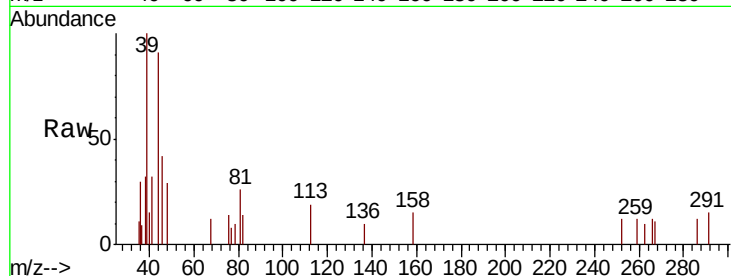
Delta R.T. -0.03 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

Tot Ion: 76 Resp: 100

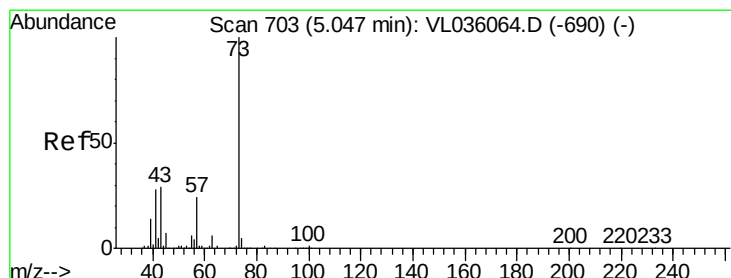
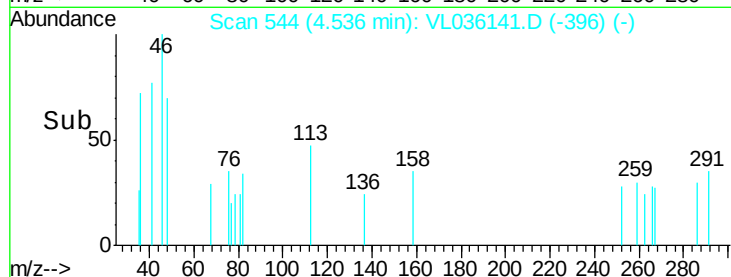
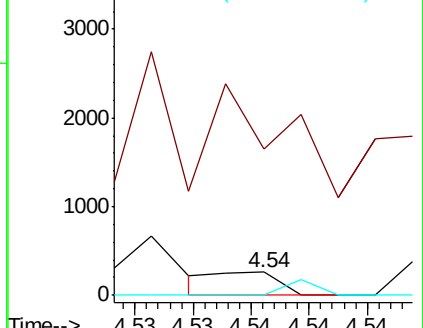
Ion	Ratio	Lower	Upper
76	100		
44	0.0	17.9	26.9#
78	34.0	7.8	11.8#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 0.001 ppbv

RT: 5.01 min Scan# 692

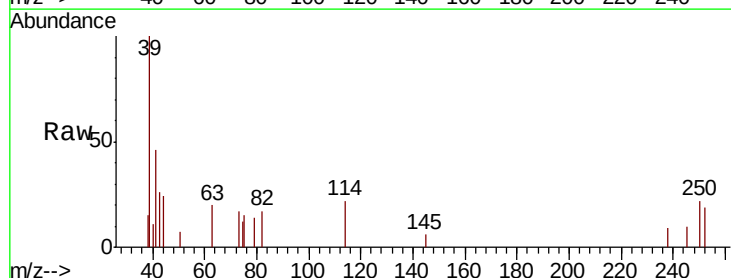
Delta R.T. -0.04 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

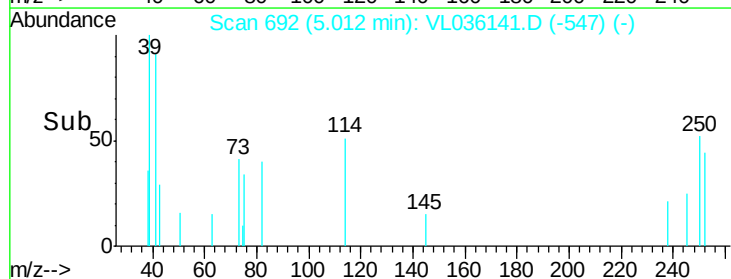
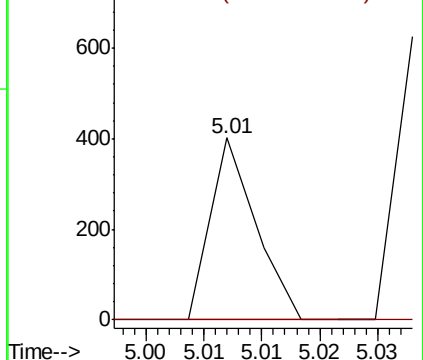
Tgt Ion: 73 Resp: 108

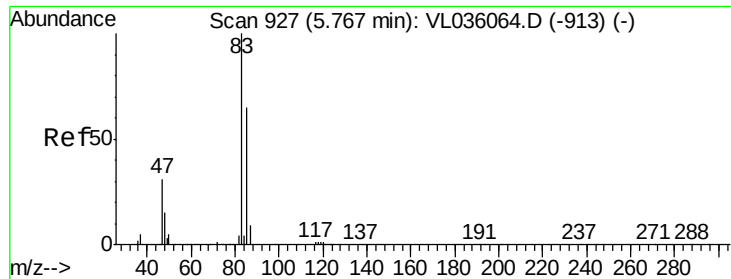
Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.2	28.8#



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 0.013 ppbv

RT: 5.73 min Scan# 916

Delta R.T. -0.04 min

Lab File: VL036141.D

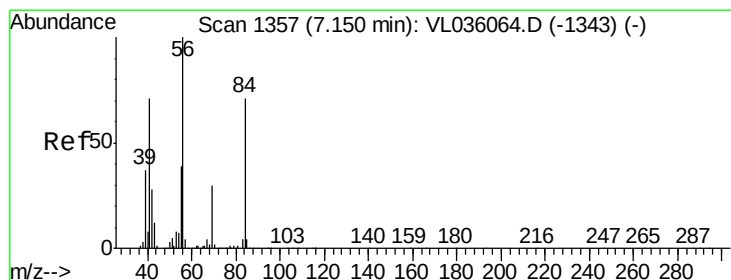
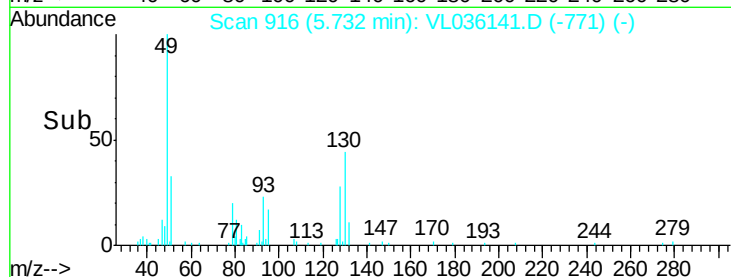
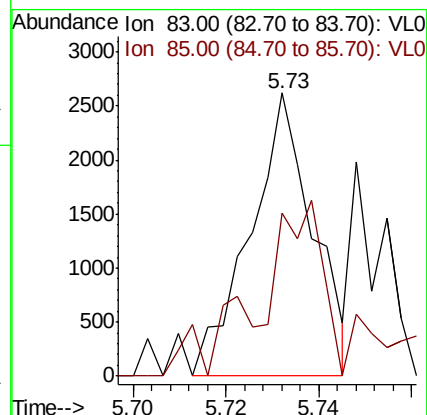
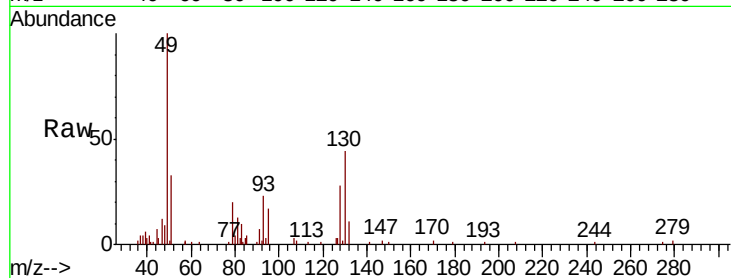
Acq: 10 Dec 2020 23:31

Tot Ion: 83 Resp: 2459

Ion Ratio Lower Upper

83 100

85 57.5 51.8 77.6



#30

Cyclohexane

Concen: 0.614 ppbv m

RT: 7.12 min Scan# 1347

Delta R.T. -0.03 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

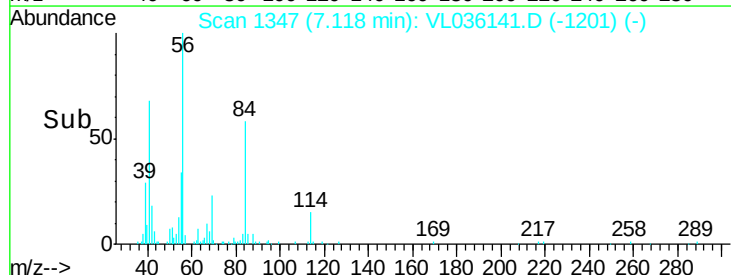
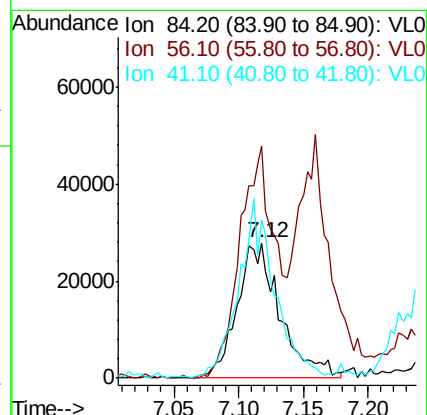
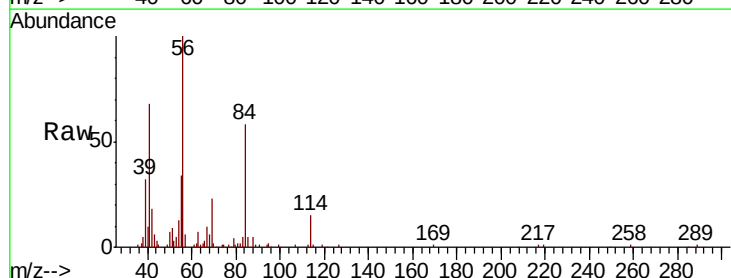
Tgt Ion: 84 Resp: 64407

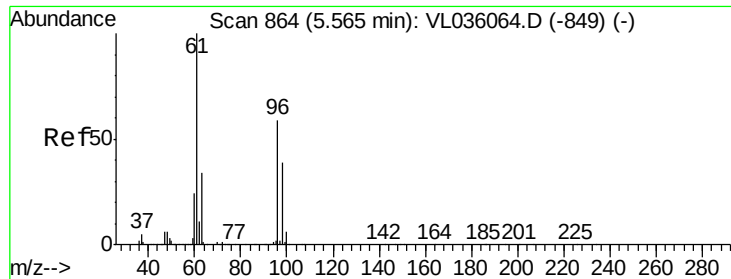
Ion Ratio Lower Upper

84 100

56 0.0 128.0 192.0#

41 109.5 81.3 121.9

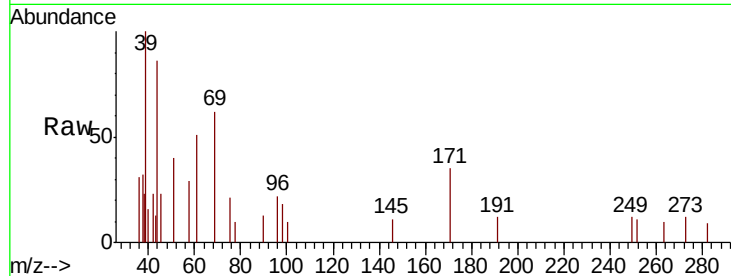




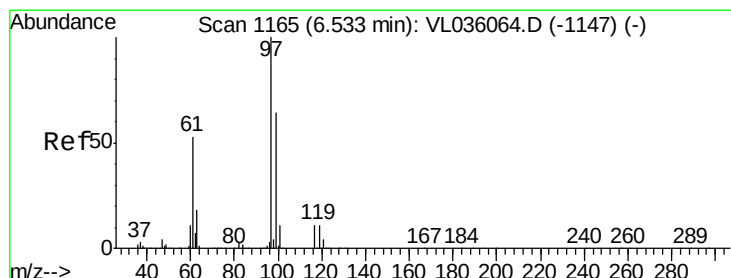
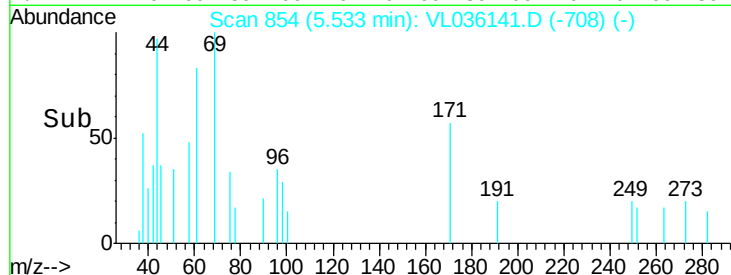
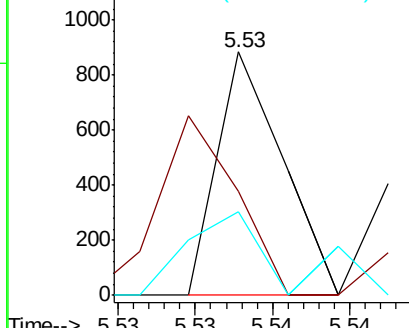
#31

cis-1,2-Dichloroethene
 Concen: 0.002 ppbv
 RT: 5.53 min Scan# 854
 Delta R.T. -0.03 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

Tot Ion	Ratio	Lower	Upper
61	100		
96	42.5	47.3	70.9#
98	14.3	31.4	47.0#



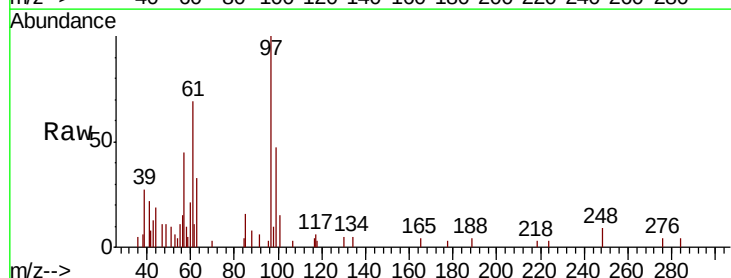
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



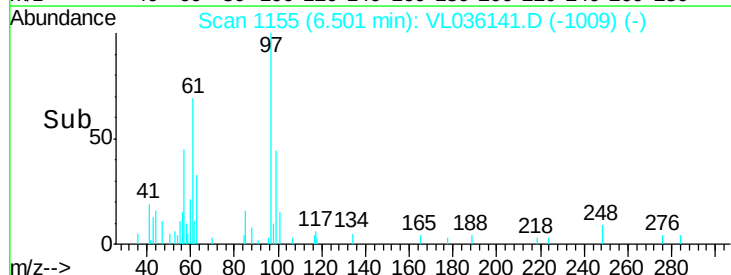
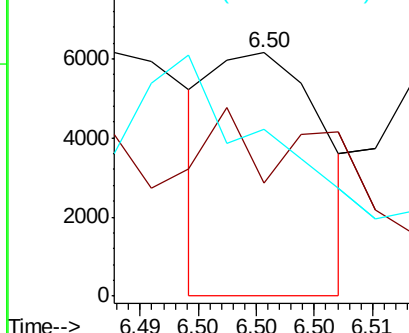
#32

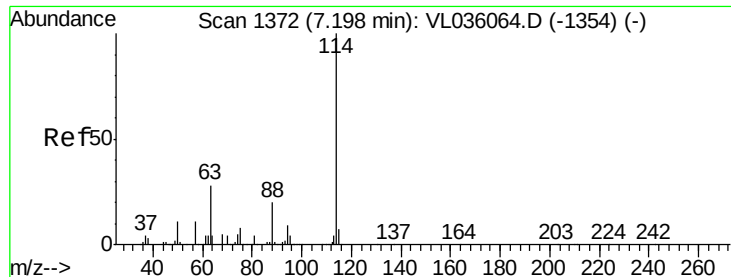
1,1,1-Trichloroethane
 Concen: 0.021 ppbv
 RT: 6.50 min Scan# 1155
 Delta R.T. -0.03 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	271.6	52.4	78.6#
61	278.5	43.4	65.0#



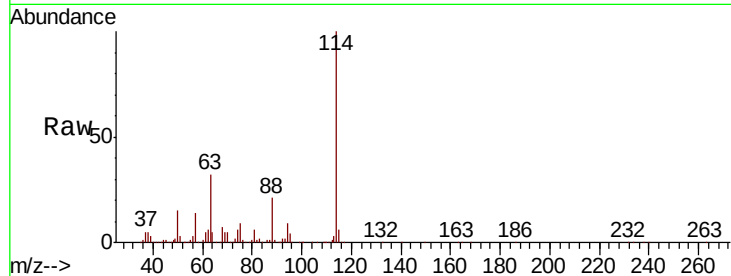
Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0



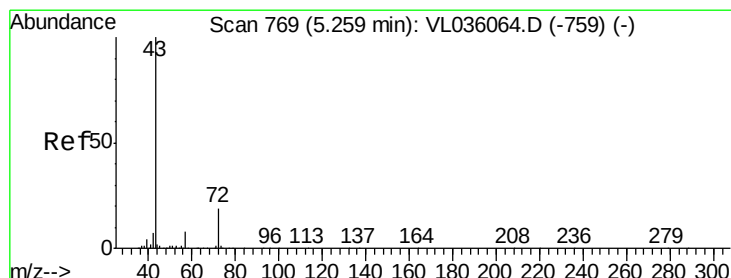
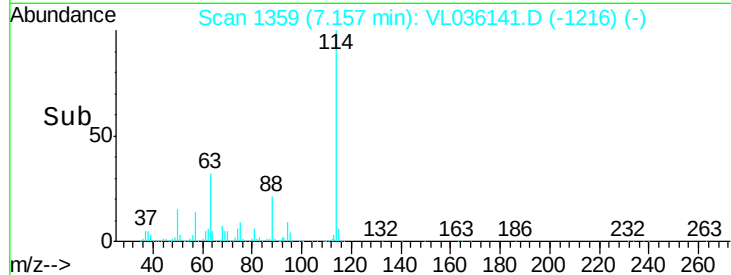
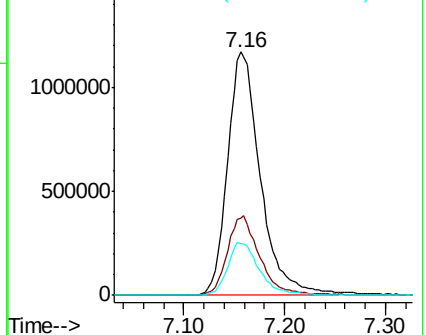


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.04 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

Tot Ion:114 Resp: 2647823
 Ion Ratio Lower Upper
 114 100
 63 32.6 23.6 35.4
 88 21.6 15.8 23.6

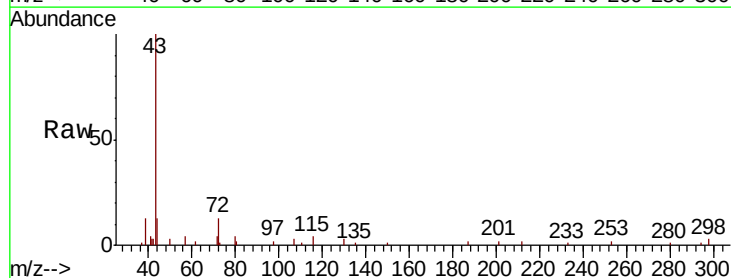


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

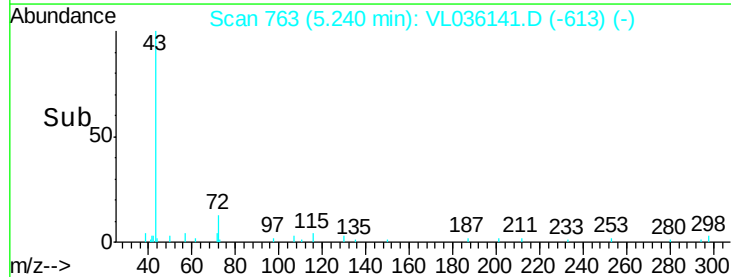
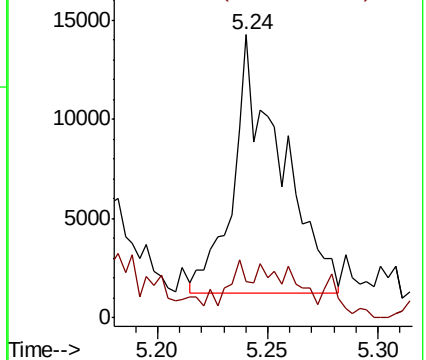


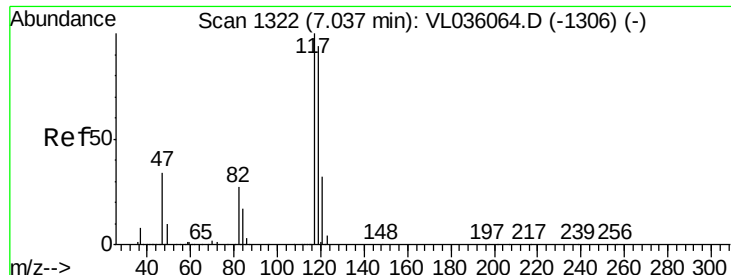
#34
 2-Butanone
 Concen: 0.111 ppbv m
 RT: 5.24 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

Tgt Ion: 43 Resp: 19420
 Ion Ratio Lower Upper
 43 100
 72 36.2 16.5 24.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.005 ppbv

RT: 7.01 min Scan# 1312

Delta R.T. -0.03 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

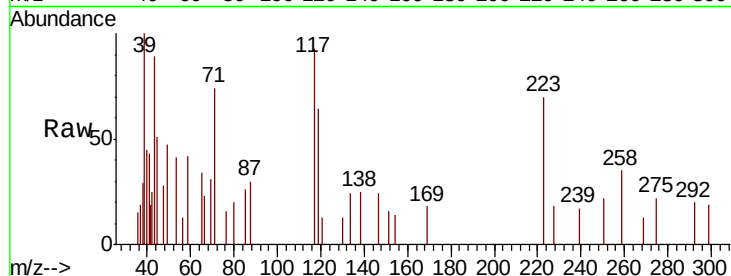
Tot Ion: 117 Resp: 802

Ion Ratio Lower Upper

117 100

119 23.8 75.1 112.7#

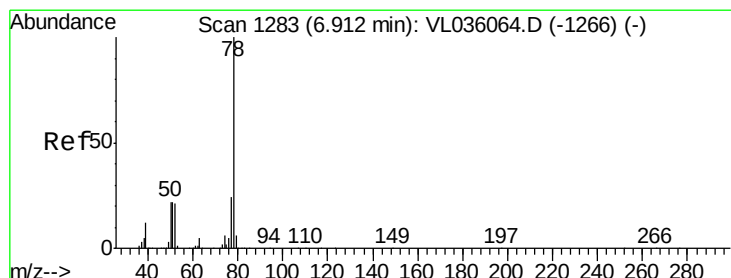
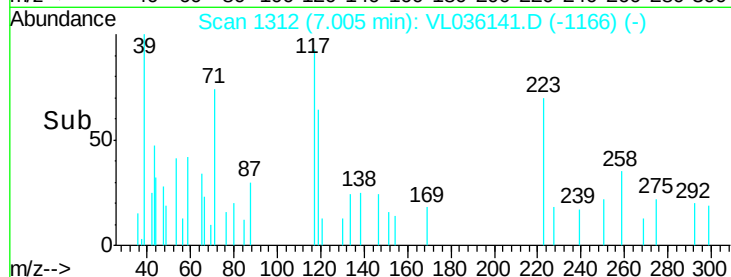
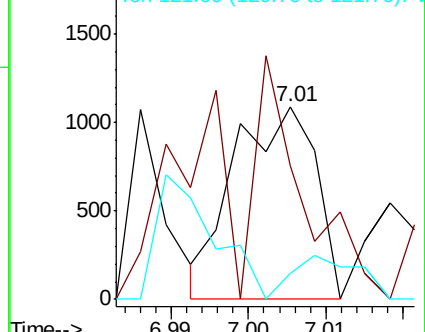
121 0.0 25.6 38.4#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.023 ppbv

RT: 6.87 min Scan# 1271

Delta R.T. -0.04 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

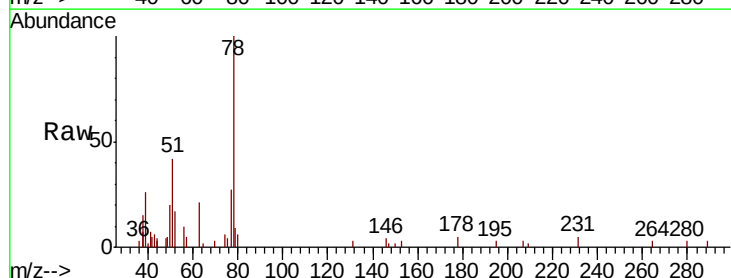
Tgt Ion: 78 Resp: 5269

Ion Ratio Lower Upper

78 100

77 41.5 19.4 29.2#

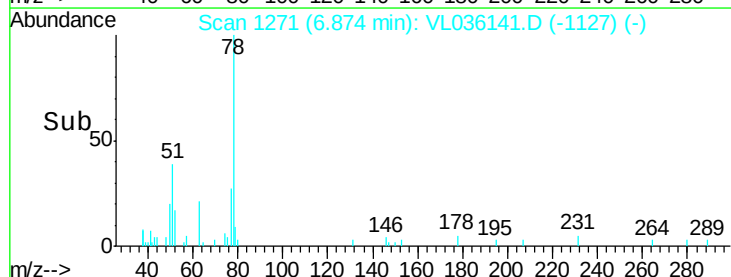
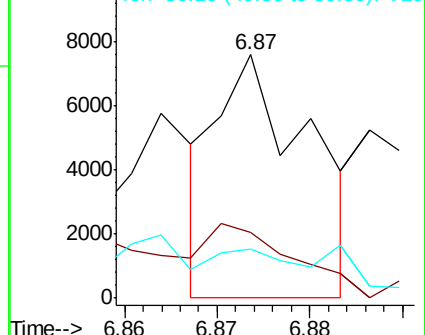
50 0.0 17.8 26.8#

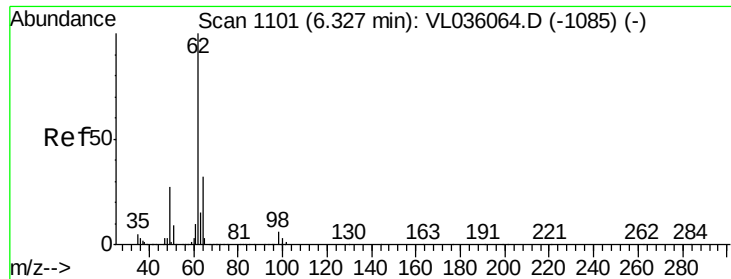


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

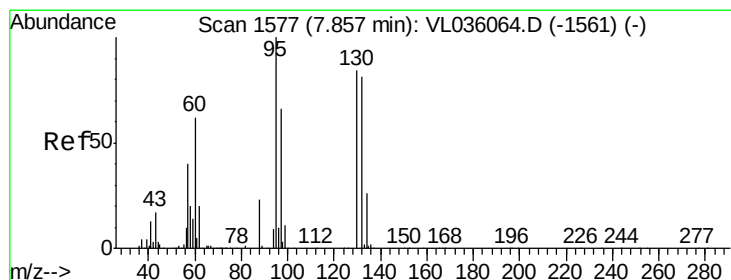
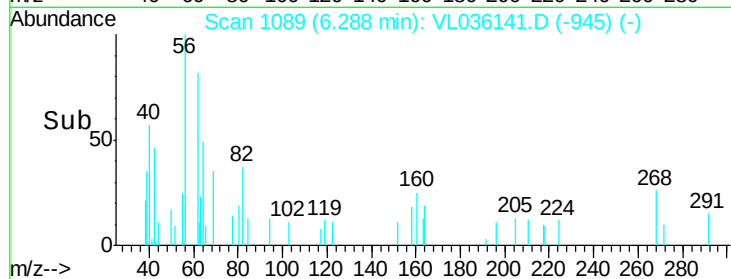
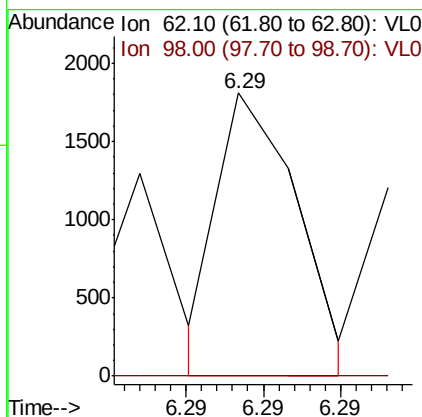
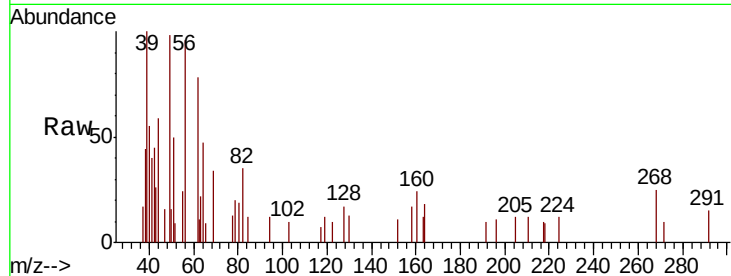
Ion 50.10 (49.80 to 50.80): VL0





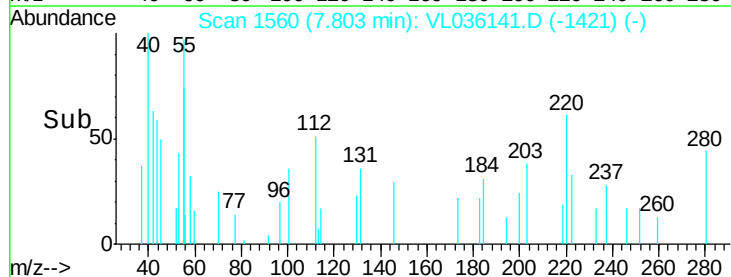
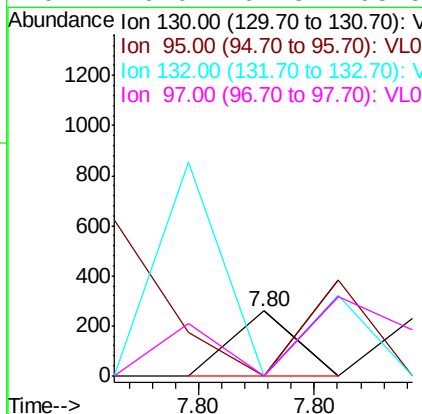
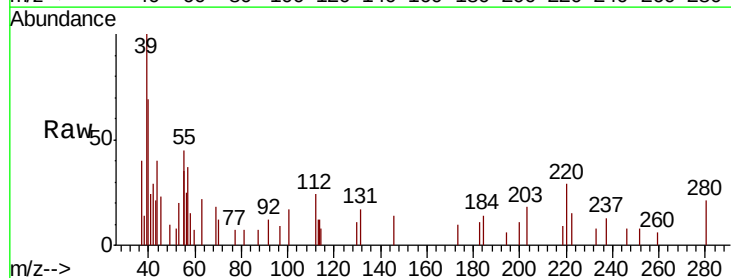
#37
 1,2-Dichloroethane
 Concen: 0.005 ppbv
 RT: 6.29 min Scan# 1089
 Delta R.T. -0.04 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

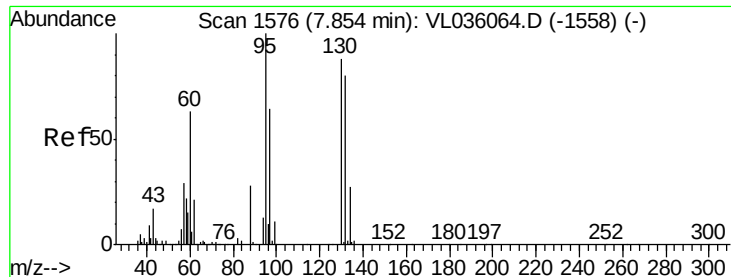
Tot Ion: 62 Resp: 649
 Ion Ratio Lower Upper
 62 100
 98 0.0 4.6 7.0#



#38
 Trichloroethene
 Concen: 0.001 ppbv
 RT: 7.80 min Scan# 1560
 Delta R.T. -0.05 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

Tgt Ion: 130 Resp: 50
 Ion Ratio Lower Upper
 130 100
 95 0.0 95.2 142.8#
 132 0.0 76.9 115.3#
 97 0.0 62.3 93.5#





#40

1,4-Dioxane

Concen: 0.006 ppbv

RT: 7.81 min Scan# 1561

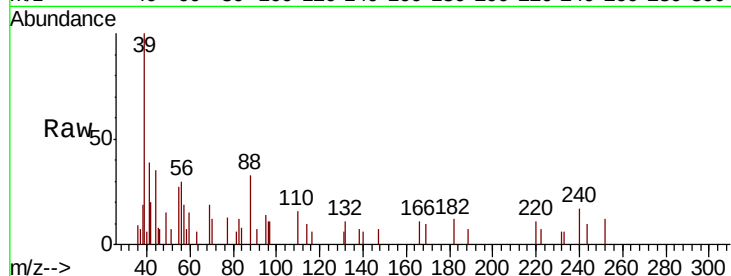
Delta R.T. -0.05 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

Tot Ion: 88 Resp: 177

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

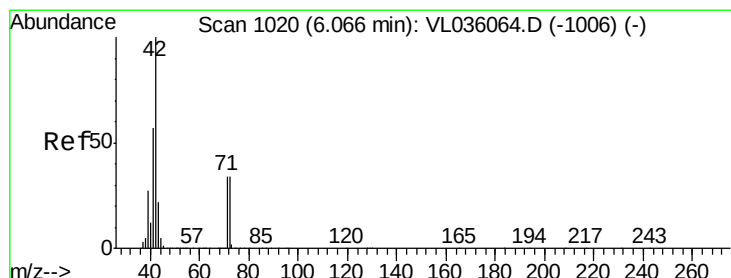
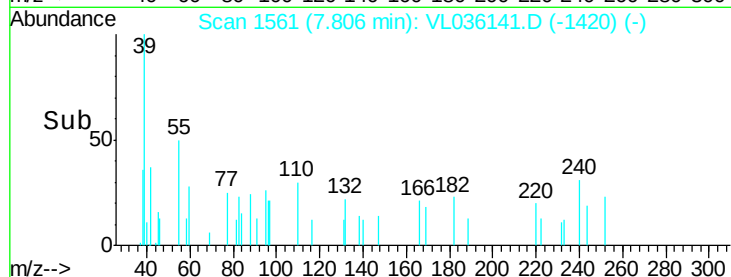
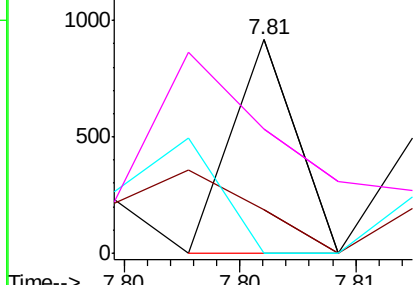


Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#41

Tetrahydrofuran

Concen: 0.001 ppbv

RT: 6.03 min Scan# 1009

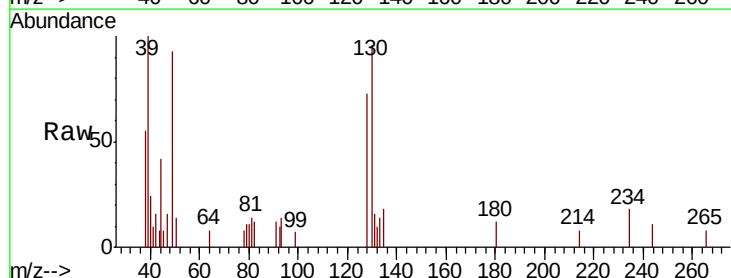
Delta R.T. -0.04 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

Tgt Ion: 42 Resp: 129

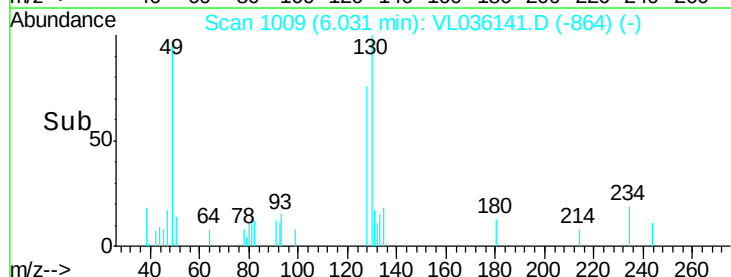
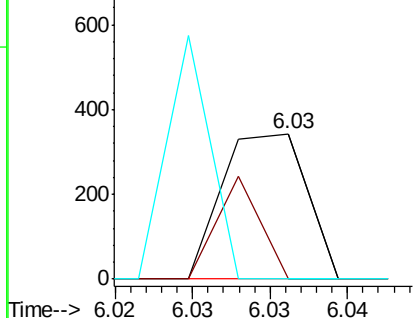
Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.3	42.5#
71	86.0	27.3	40.9#

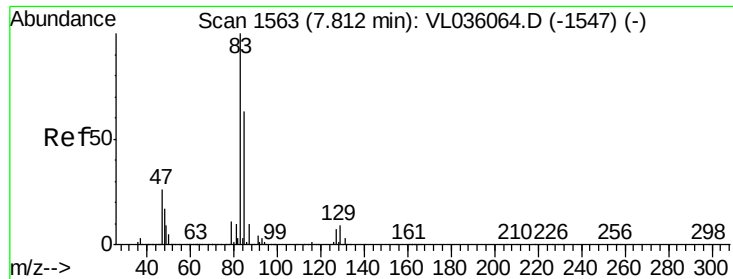


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#42

Bromodichloromethane

Concen: 0.005 ppbv

RT: 7.77 min Scan# 1549

Delta R.T. -0.04 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

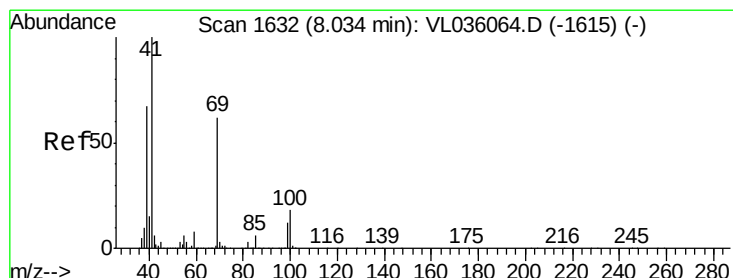
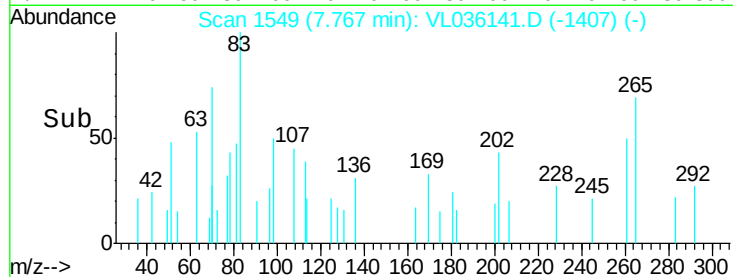
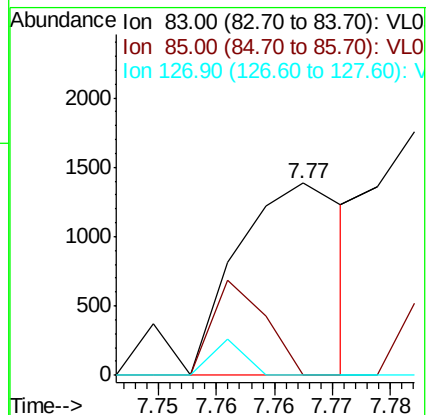
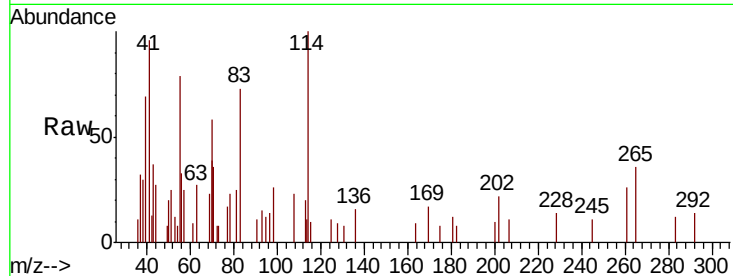
Tot Ion: 83 Resp: 898

Ion Ratio Lower Upper

83 100

85 0.0 50.2 75.2#

127 0.0 5.5 8.3#



#43

Methyl Methacrylate

Concen: 0.003 ppbv

RT: 7.99 min Scan# 1619

Delta R.T. -0.04 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

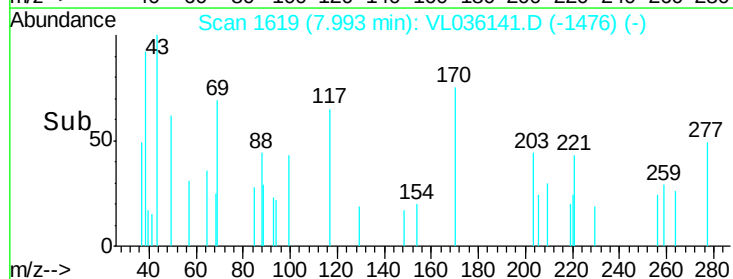
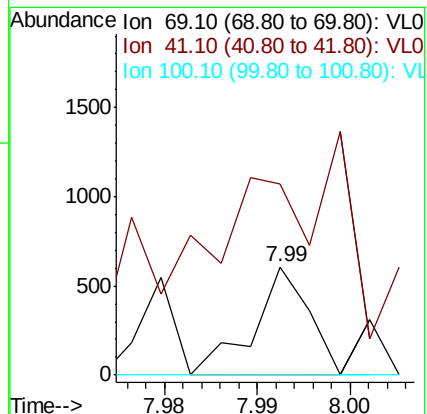
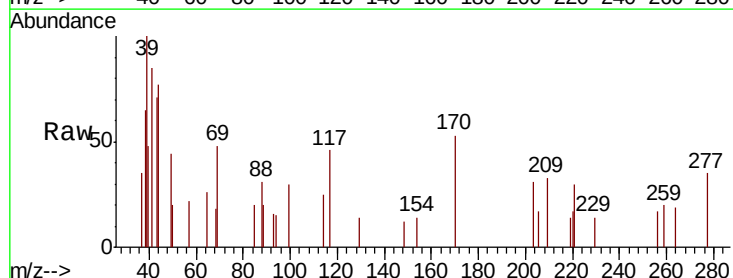
Tgt Ion: 69 Resp: 253

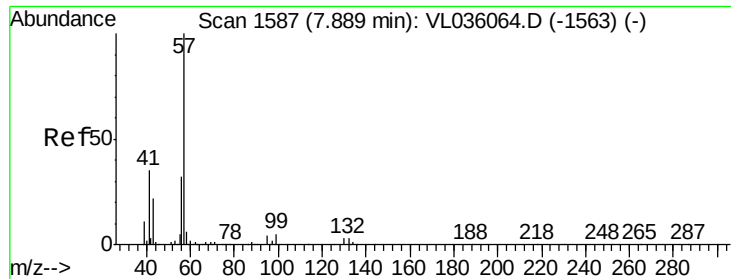
Ion Ratio Lower Upper

69 100

41 0.0 133.0 199.6#

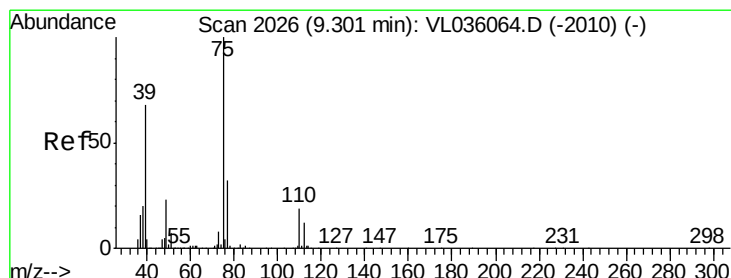
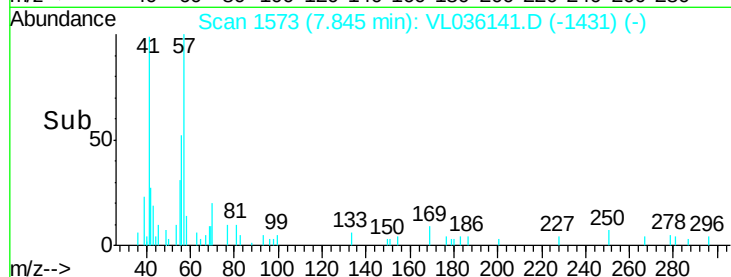
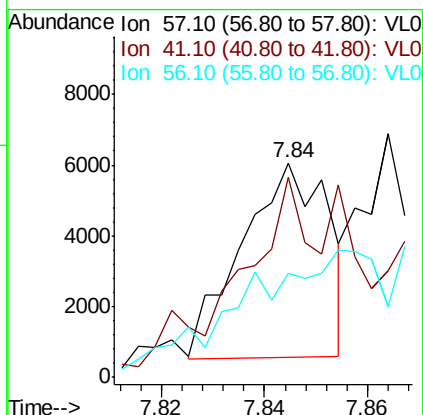
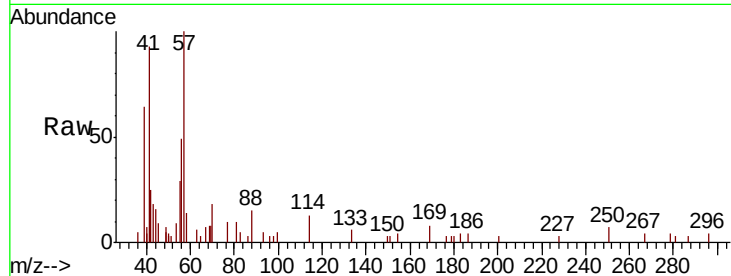
100 0.0 25.4 38.0#





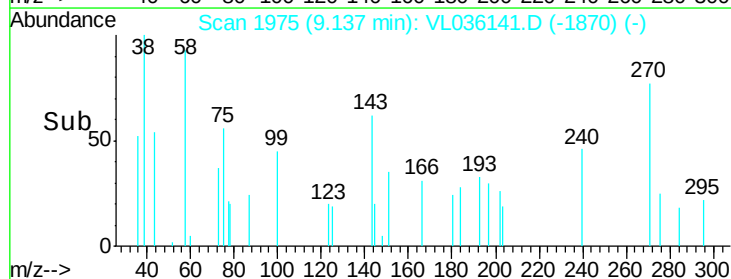
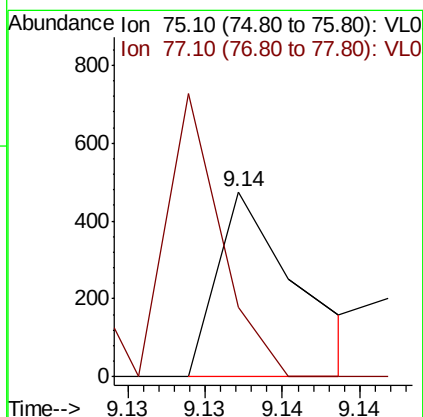
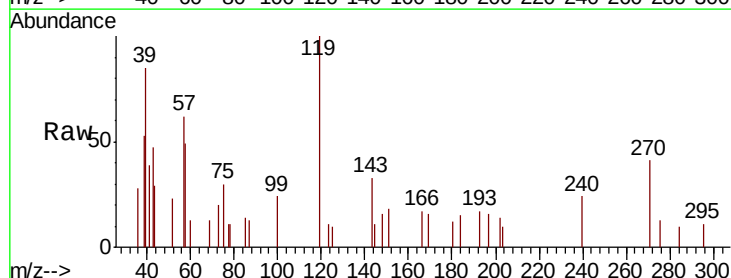
#44
2,2,4-Trimethylpentane
Concen: 0.016 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.04 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

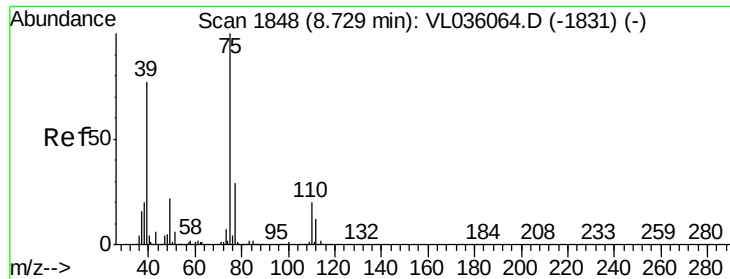
Tot Ion: 57 Resp: 6391
Ion Ratio Lower Upper
57 100
41 163.4 28.9 43.3#
56 0.0 25.3 37.9#



#45
t-1,3-Dichloropropene
Concen: 0.002 ppbv
RT: 9.14 min Scan# 1975
Delta R.T. -0.16 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion: 75 Resp: 171
Ion Ratio Lower Upper
75 100
77 37.2 26.0 39.0





#46

cis-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 8.67 min Scan# 1830

Delta R.T. -0.06 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

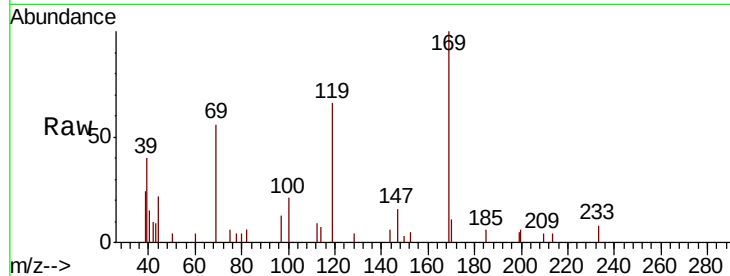
Tot Ion: 75 Resp: 87

Ion Ratio Lower Upper

75 100

39 0.0 61.6 92.4#

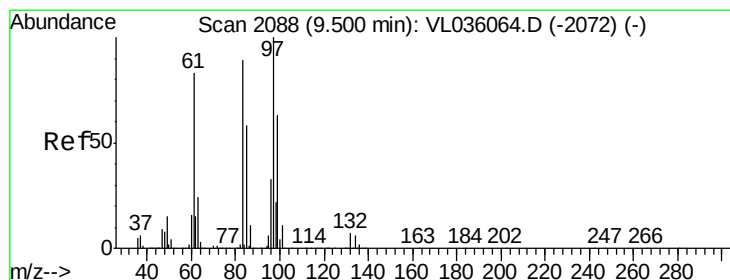
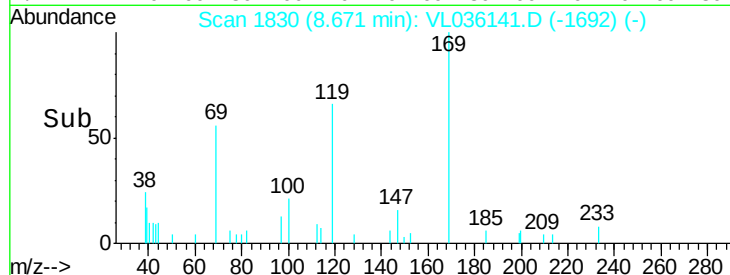
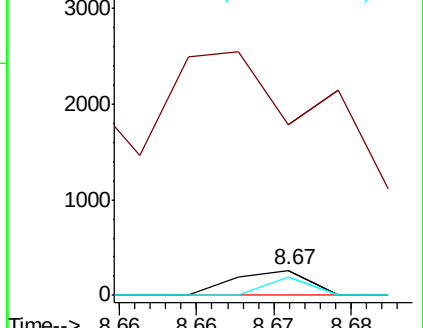
77 73.0 23.0 34.6#



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: 0.002 ppbv

RT: 9.45 min Scan# 2072

Delta R.T. -0.05 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

Tgt Ion: 97 Resp: 189

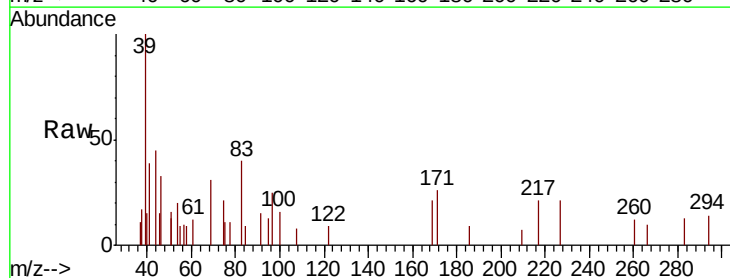
Ion Ratio Lower Upper

97 100

83 163.2 71.4 107.2#

85 0.0 46.6 70.0#

99 0.0 50.7 76.1#

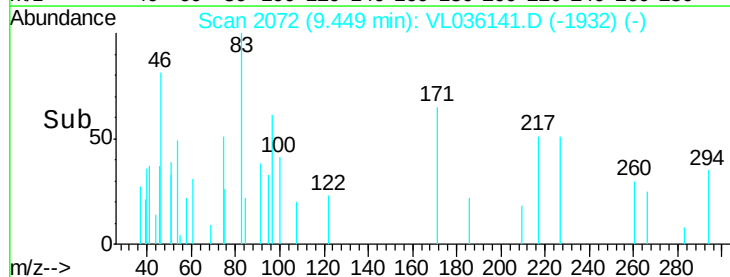
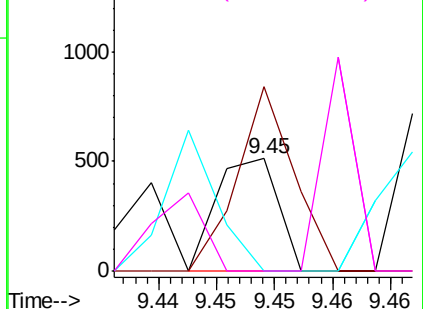


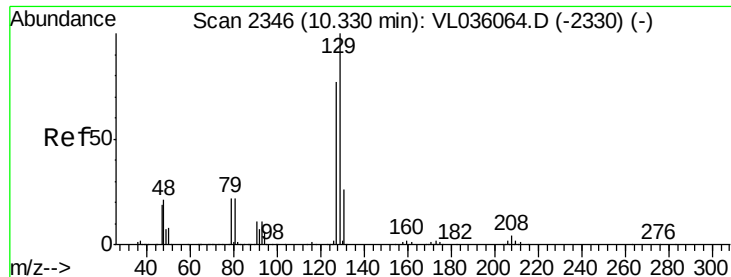
Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 10.29 min Scan# 2334

Delta R.T. -0.04 min

Lab File: VL036141.D

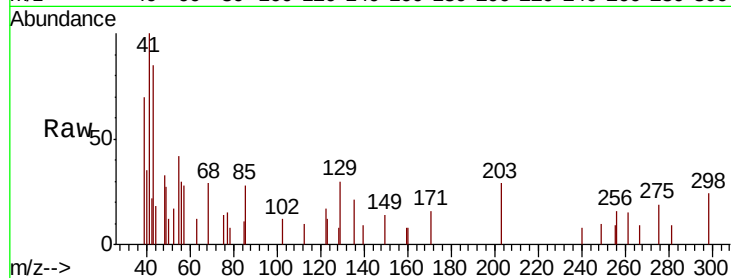
Acq: 10 Dec 2020 23:31

Tot Ion:129 Resp: 215

Ion Ratio Lower Upper

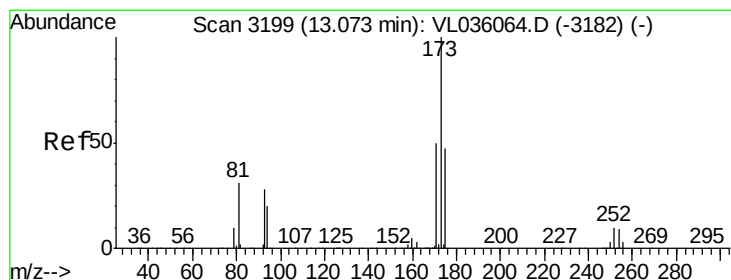
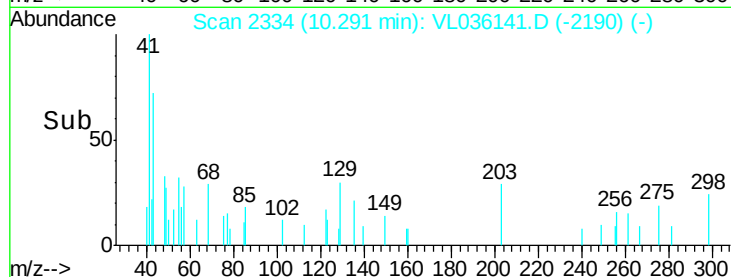
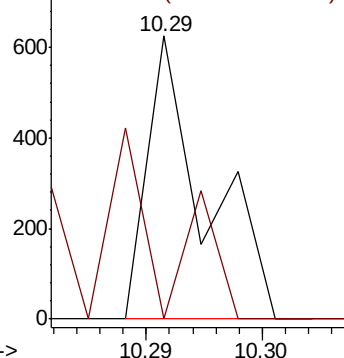
129 100

127 63.3 39.0 117.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#49

Bromoform

Concen: 0.001 ppbv

RT: 12.85 min Scan# 3129

Delta R.T. -0.22 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

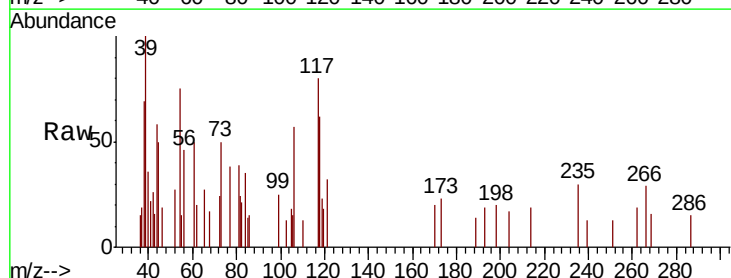
Tgt Ion:173 Resp: 80

Ion Ratio Lower Upper

173 100

175 56.3 39.8 59.6

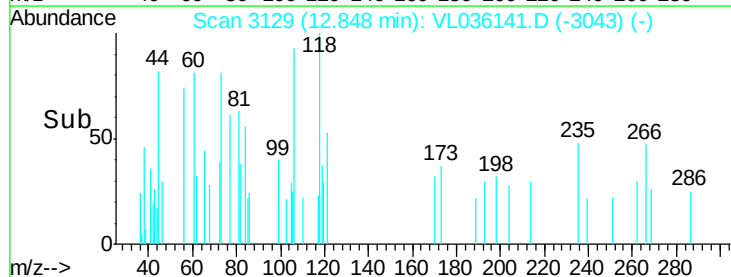
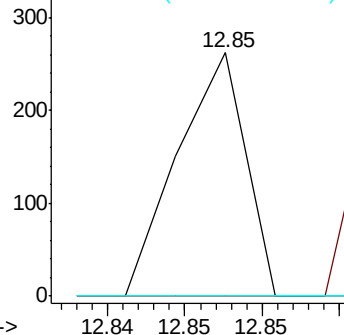
171 47.5 42.5 63.7

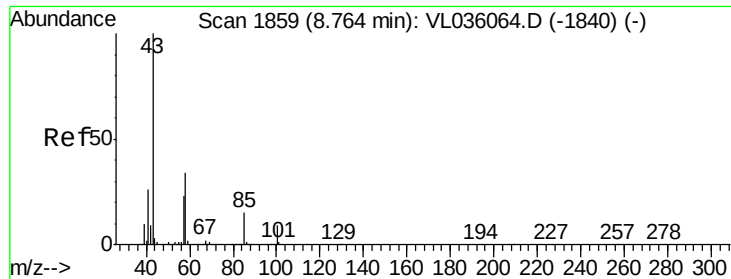


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

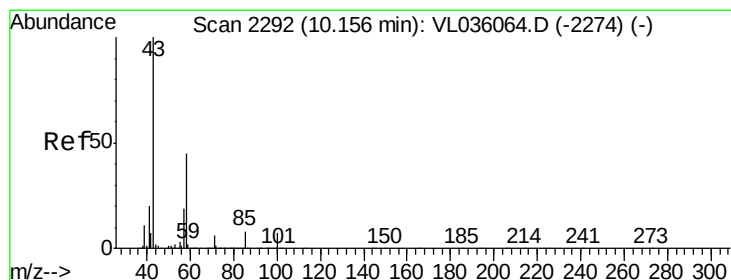
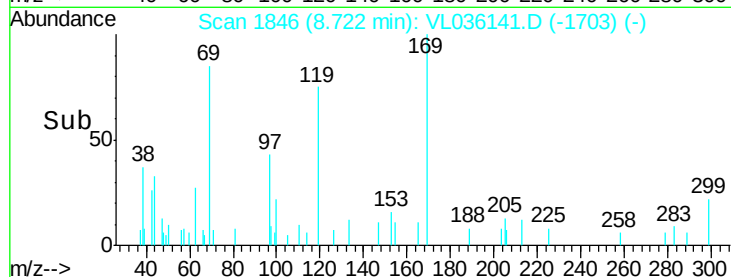
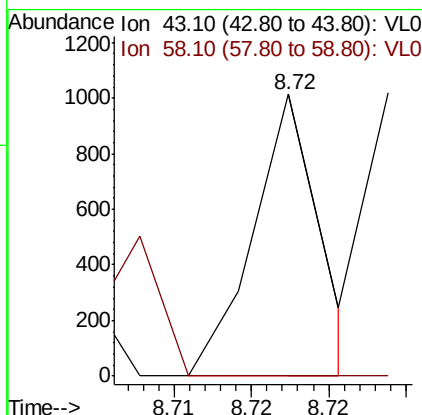
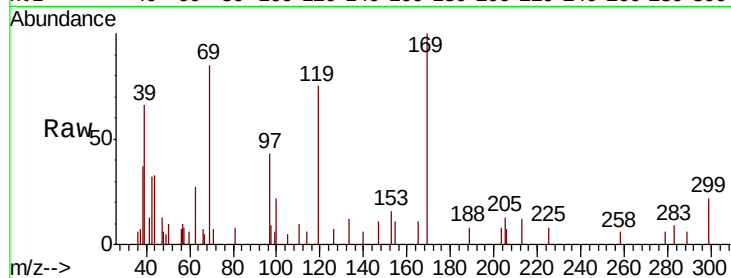
Ion 170.90 (170.60 to 171.60): V





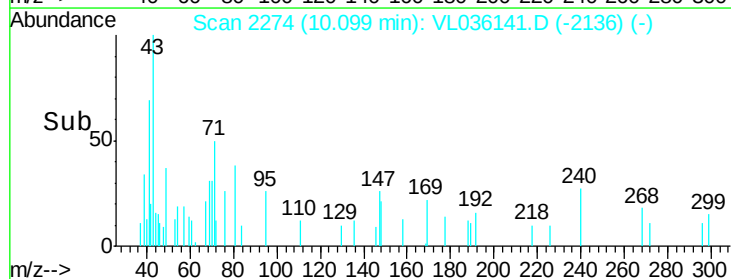
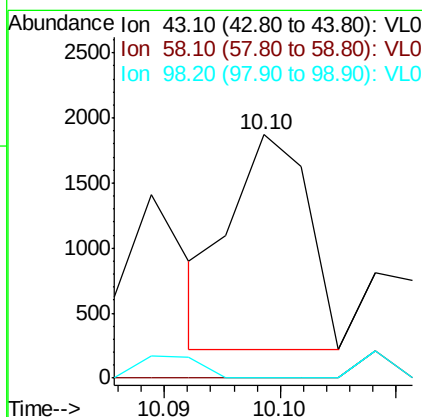
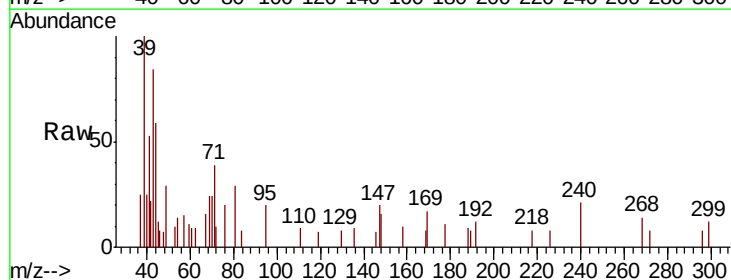
#50
 4-Methyl-2-Pentanone
 Concen: 0.001 ppbv
 RT: 8.72 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

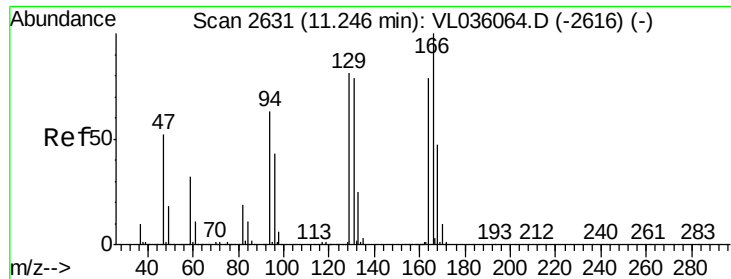
Tot Ion: 43 Resp: 302
 Ion Ratio Lower Upper
 43 100
 58 44.0 27.4 41.2#



#51
 2-Hexanone
 Concen: 0.004 ppbv
 RT: 10.10 min Scan# 2274
 Delta R.T. -0.06 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

Tgt Ion: 43 Resp: 760
 Ion Ratio Lower Upper
 43 100
 58 0.0 38.7 58.1#
 98 18.2 0.1 0.1#





#52

Tetrachloroethene

Concen: 1.471 ppbv m

RT: 11.20 min Scan# 2618

Delta R.T. -0.04 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

Tot Ion:164 Resp: 119477

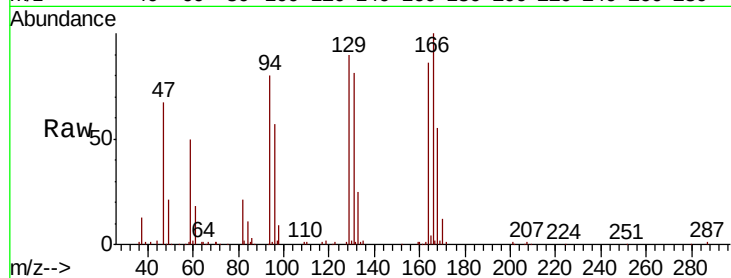
Ion Ratio Lower Upper

164 100

166 116.0 101.9 152.9

129 104.7 82.1 123.1

131 94.2 80.8 121.2

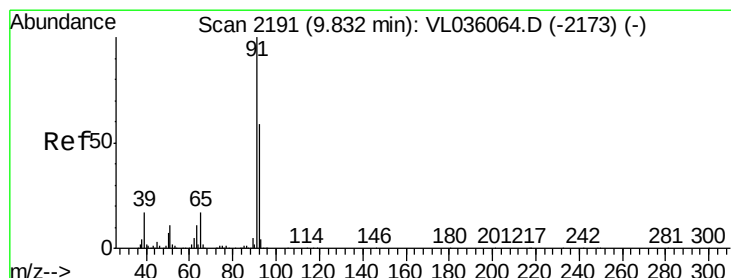
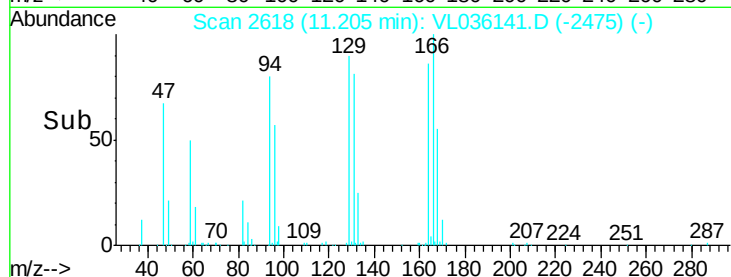
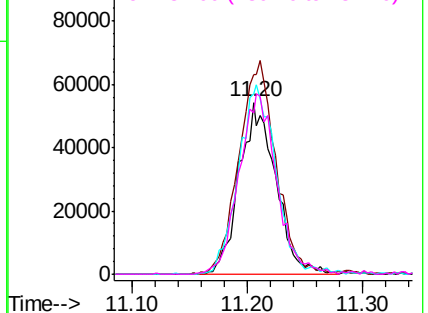


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.092 ppbv m

RT: 9.80 min Scan# 2180

Delta R.T. -0.04 min

Lab File: VL036141.D

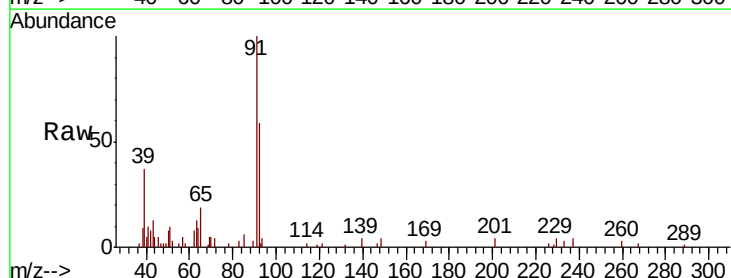
Acq: 10 Dec 2020 23:31

Tgt Ion: 91 Resp: 23132

Ion Ratio Lower Upper

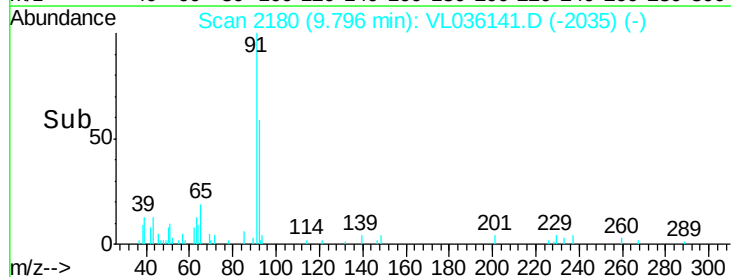
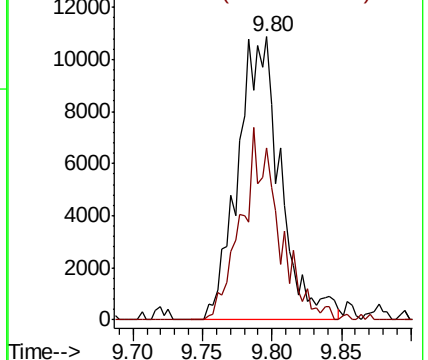
91 100

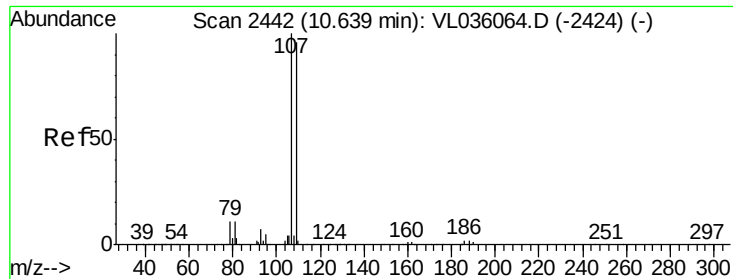
92 58.9 48.2 72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

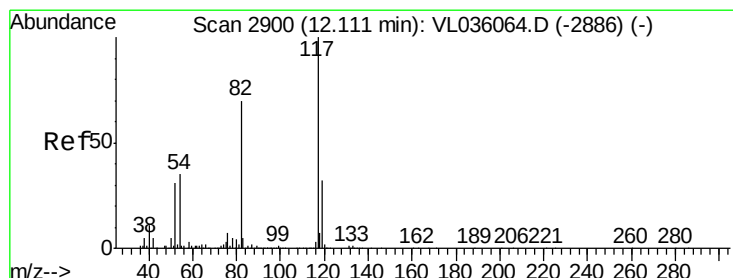
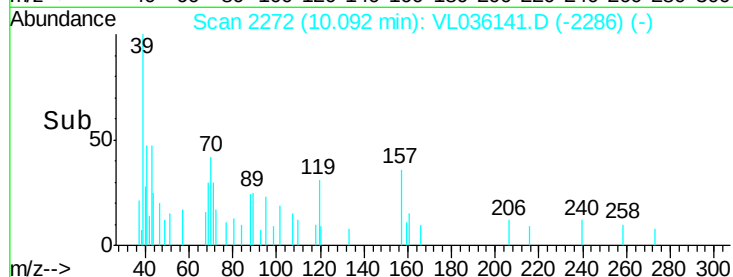
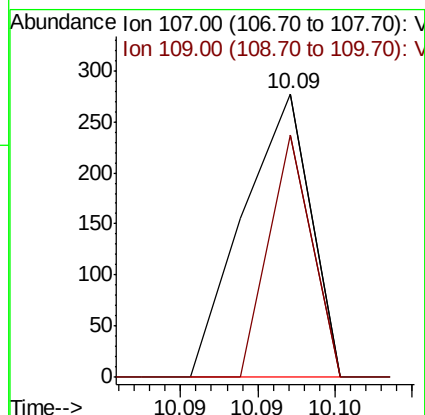
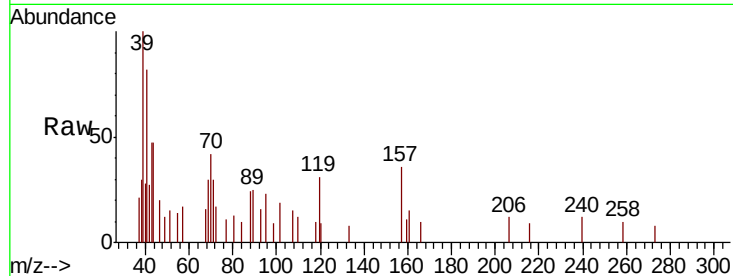
Ion 92.10 (91.80 to 92.80): VL0





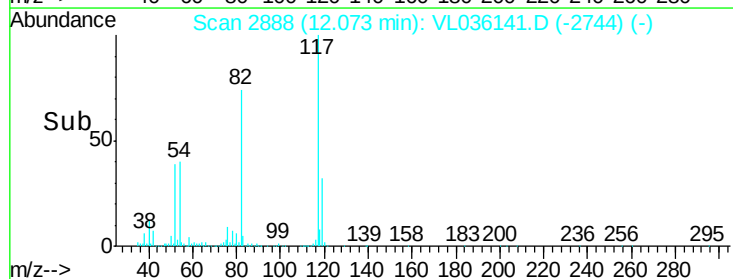
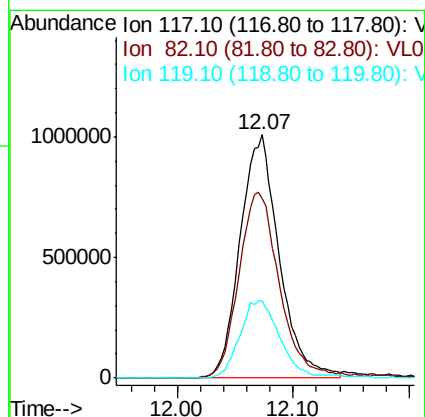
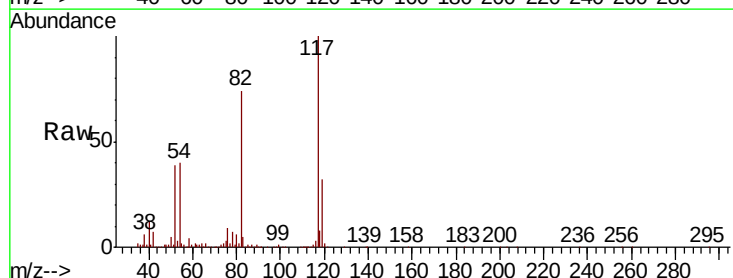
#54
 1,2-Dibromoethane
 Concen: 0.001 ppbv
 RT: 10.09 min Scan# 2272
 Delta R.T. -0.55 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

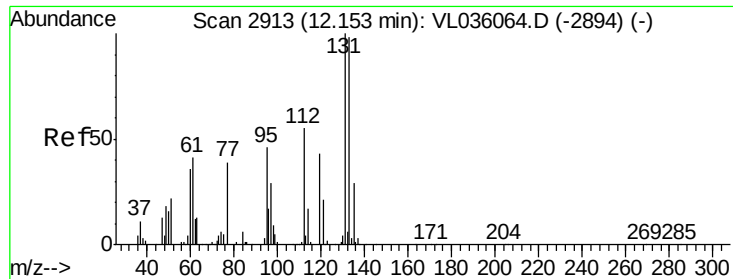
Tot Ion:107 Resp: 84
 Ion Ratio Lower Upper
 107 100
 109 85.3 76.6 115.0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2888
 Delta R.T. -0.04 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

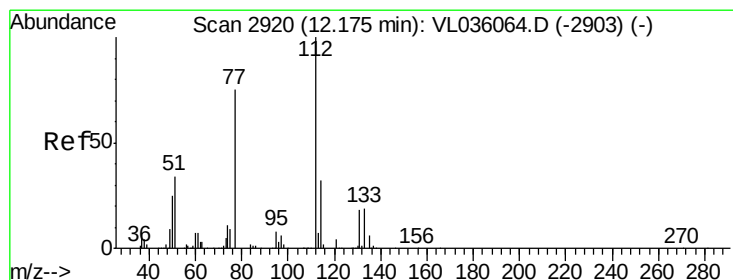
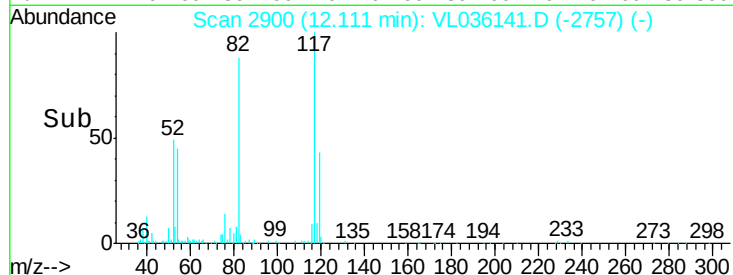
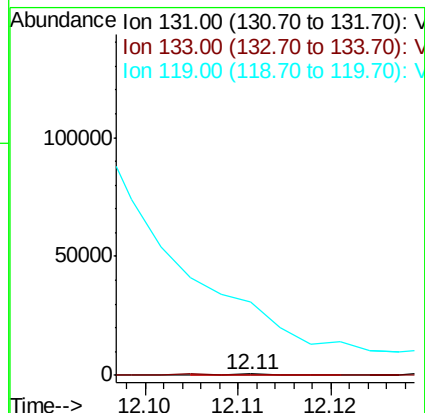
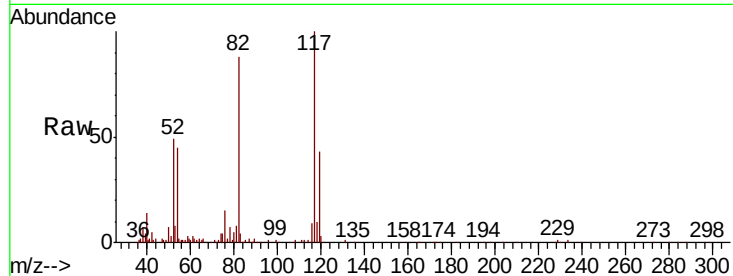
Tgt Ion:117 Resp: 2362236
 Ion Ratio Lower Upper
 117 100
 82 81.6 0.0 0.0#
 119 33.5 0.0 0.0#





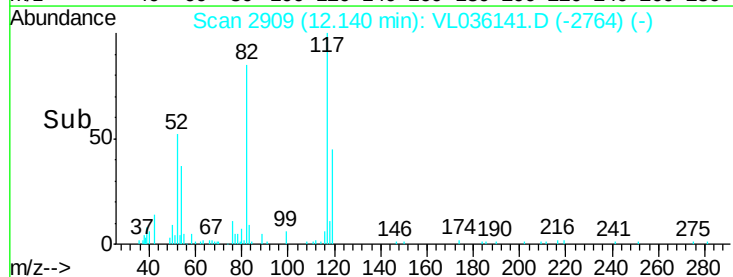
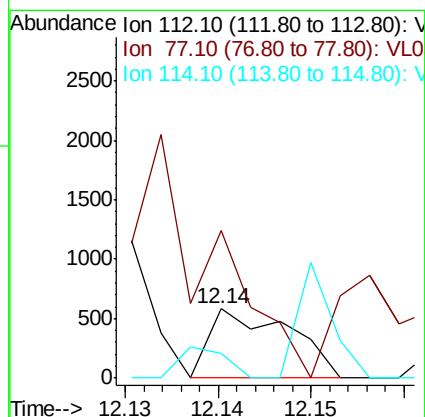
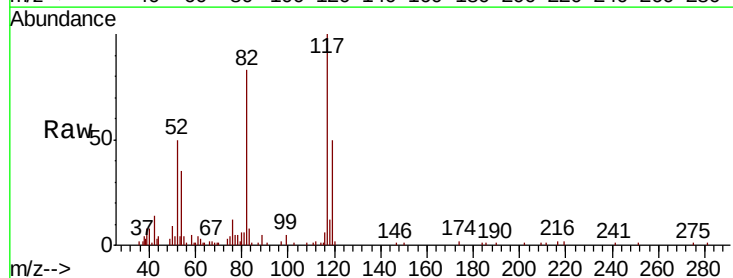
#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.003 ppbv
 RT: 12.11 min Scan# 2900
 Delta R.T. -0.04 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

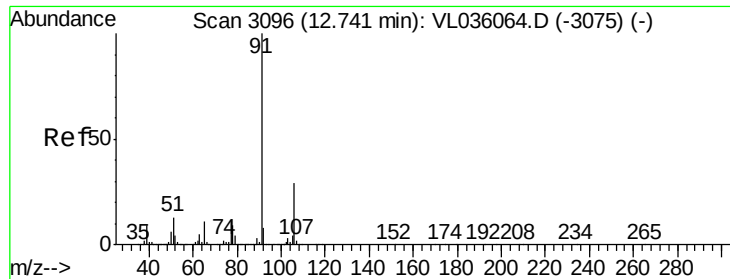
Tot Ion:131 Resp: 271
 Ion Ratio Lower Upper
 131 100
 133 219.6 77.7 116.5#
 119 0.0 51.6 77.4#



#57
 Chlorobenzene
 Concen: 0.002 ppbv
 RT: 12.14 min Scan# 2909
 Delta R.T. -0.04 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

Tgt Ion:112 Resp: 346
 Ion Ratio Lower Upper
 112 100
 77 105.5 60.5 90.7#
 114 0.0 29.2 35.6#





#58

Ethyl Benzene

Concen: 0.173 ppbv m

RT: 12.70 min Scan# 3083

Delta R.T. -0.04 min

Lab File: VL036141.D

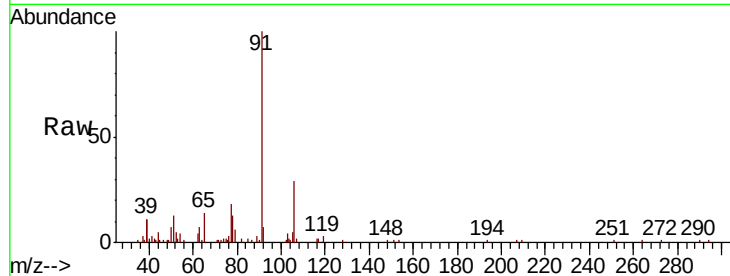
Acq: 10 Dec 2020 23:31

Tot Ion: 91 Resp: 55903

Ion Ratio Lower Upper

91 100

106 29.1 23.0 34.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

30000

25000

20000

15000

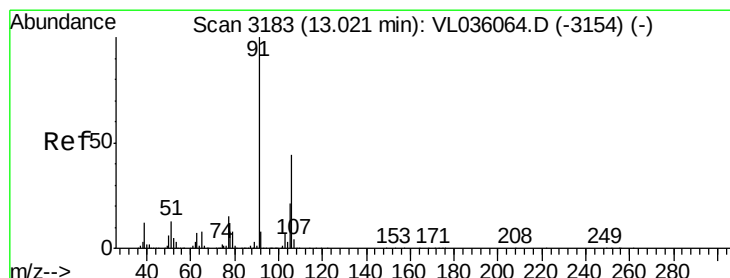
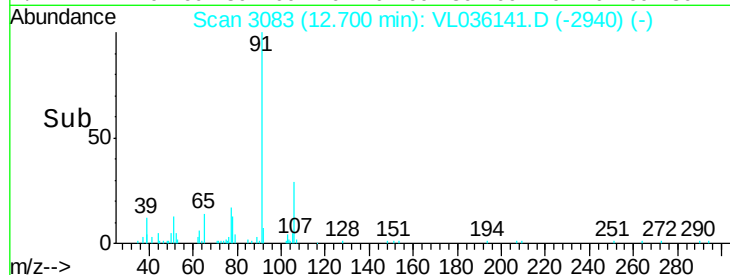
10000

5000

0

12.60 12.65 12.70 12.75

Time-->



#59

m/p-Xylene

Concen: 0.938 ppbv m

RT: 12.95 min Scan# 3161

Delta R.T. -0.07 min

Lab File: VL036141.D

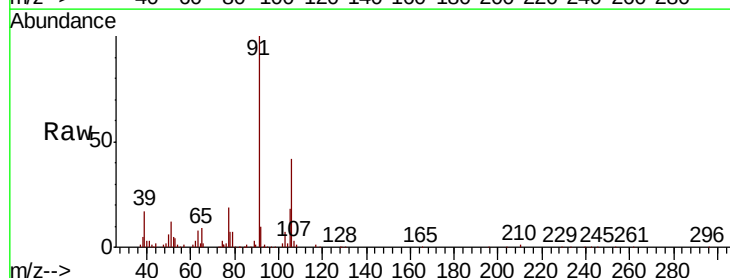
Acq: 10 Dec 2020 23:31

Tgt Ion: 91 Resp: 255735

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

80000

60000

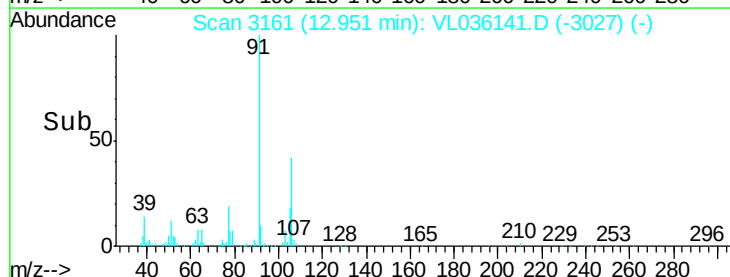
40000

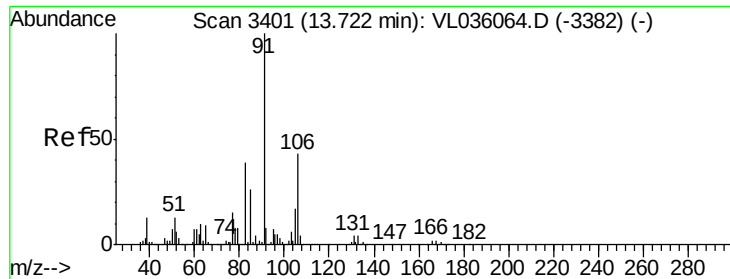
20000

0

12.90 13.00

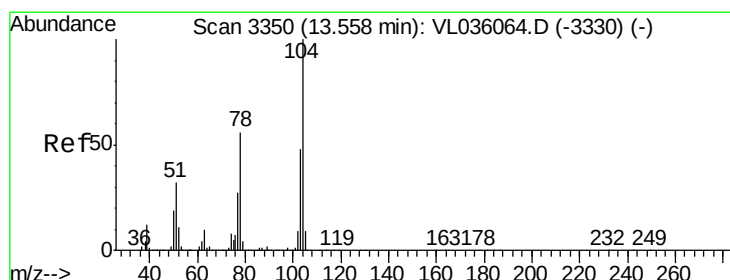
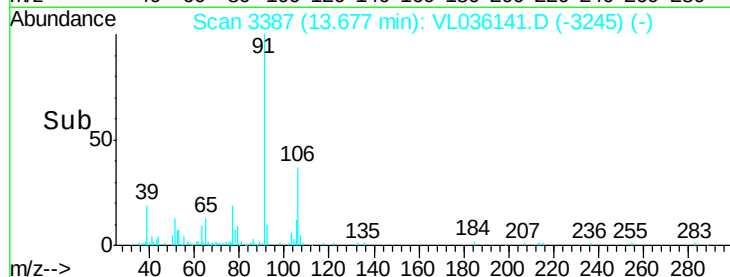
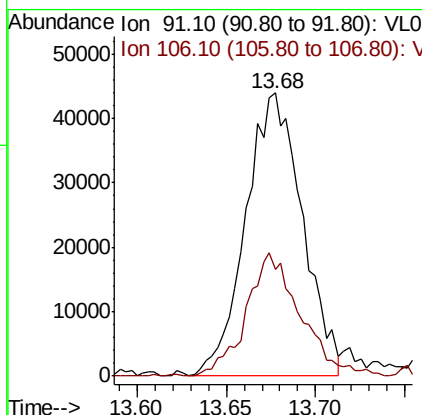
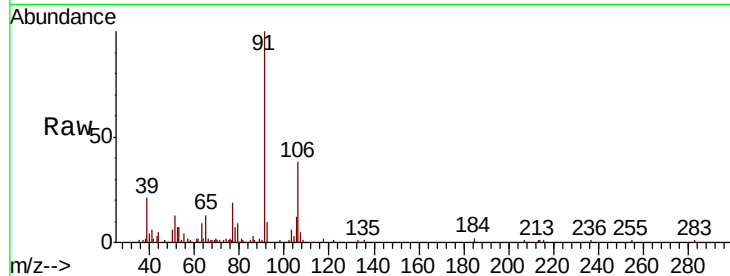
Time-->





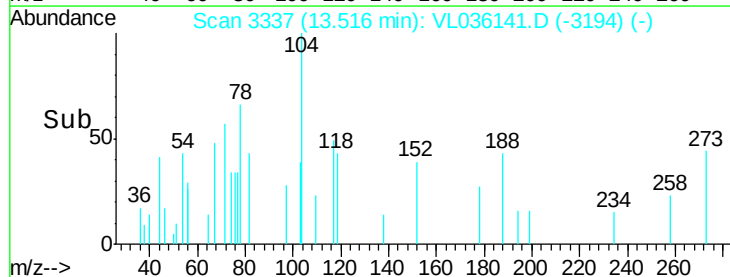
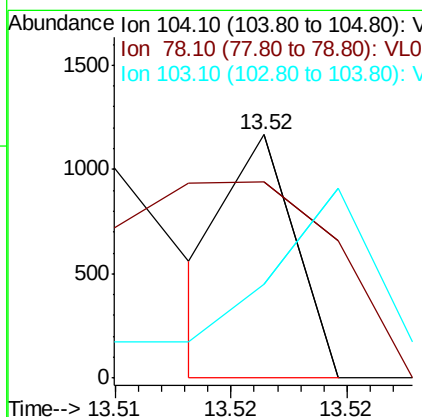
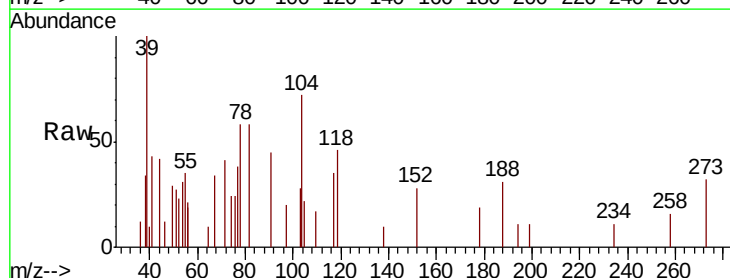
#60
o-Xylene
Concen: 0.380 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.04 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

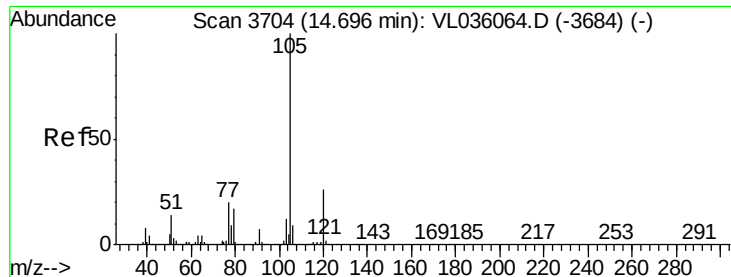
Tot Ion: 91 Resp: 97607
Ion Ratio Lower Upper
91 100
106 41.6 21.6 64.6



#61
Styrene
Concen: 0.001 ppbv
RT: 13.52 min Scan# 3337
Delta R.T. -0.04 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion: 104 Resp: 225
Ion Ratio Lower Upper
104 100
78 567.6 45.8 68.8#
103 285.8 38.6 57.8#





#62

Isopropylbenzene

Concen: 0.001 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.28 min

Lab File: VL036141.D

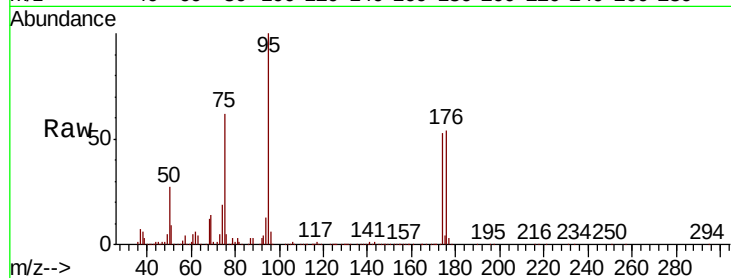
Acq: 10 Dec 2020 23:31

Tot Ion: 105 Resp: 485

Ion Ratio Lower Upper

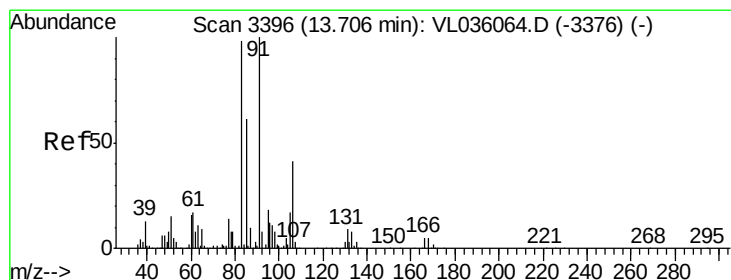
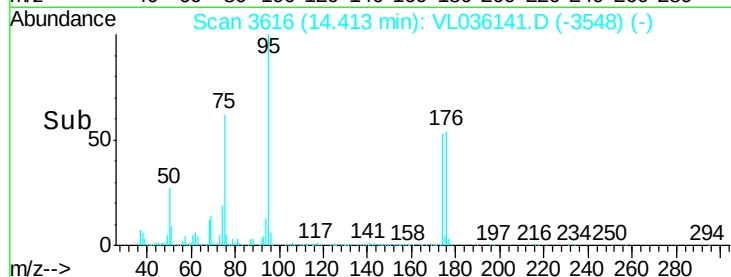
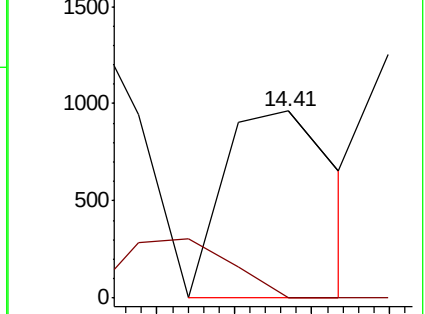
105 100

120 29.9 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: 0.004 ppbv

RT: 13.66 min Scan# 3382

Delta R.T. -0.04 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

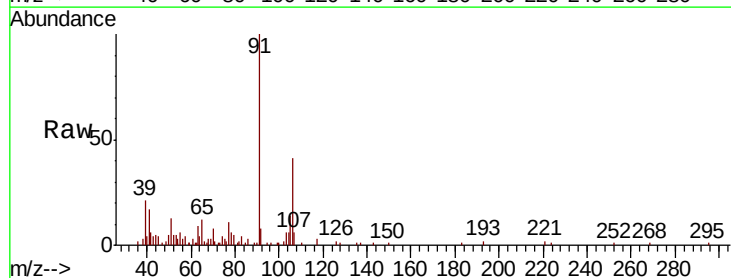
Tgt Ion: 83 Resp: 608

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

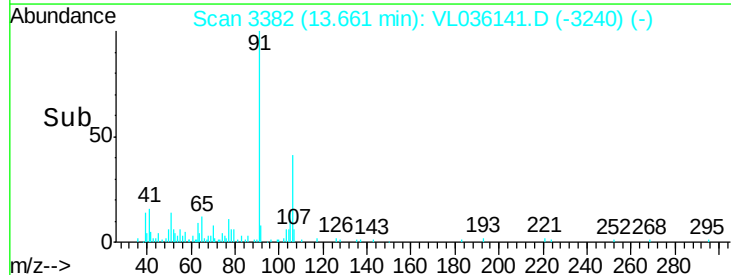
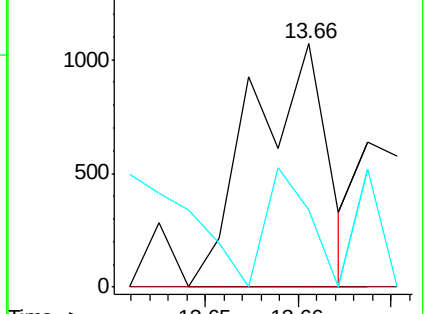
85 0.0 32.5 97.5#

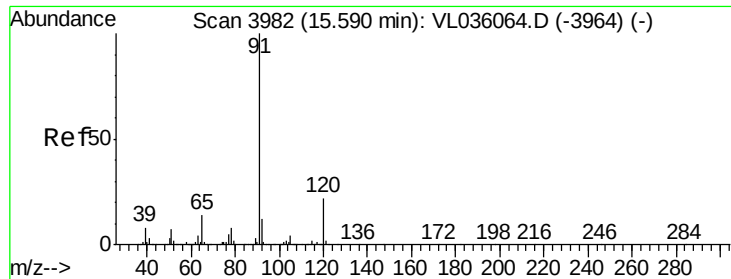


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0





#64

n-propylbenzene

Concen: 0.003 ppbv

RT: 15.55 min Scan# 3968

Delta R.T. -0.04 min

Lab File: VL036141.D

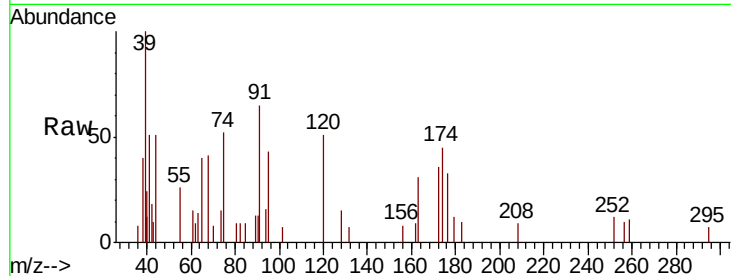
Acq: 10 Dec 2020 23:31

Tot Ion:120 Resp: 293

Ion Ratio Lower Upper

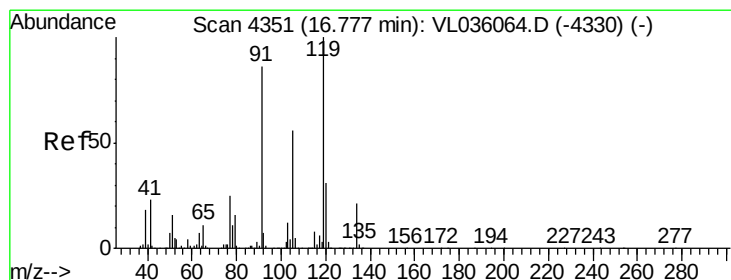
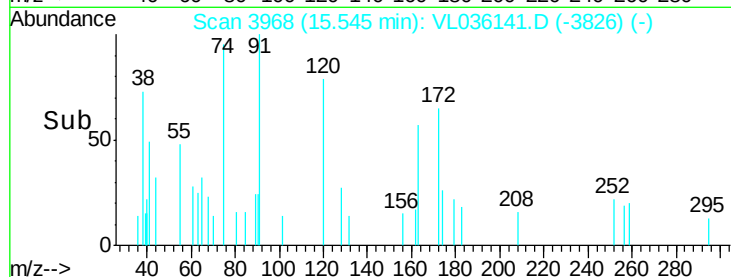
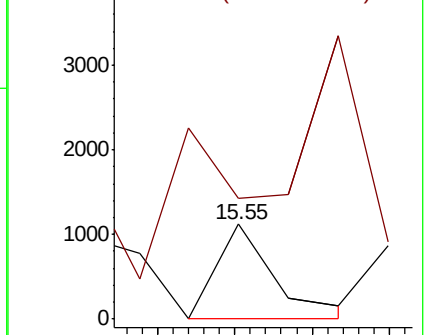
120 100

91 0.0 388.9 583.3#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.001 ppbv

RT: 16.72 min Scan# 4333

Delta R.T. -0.06 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

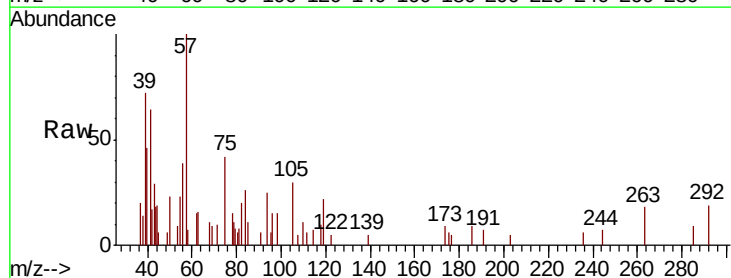
Tgt Ion:119 Resp: 252

Ion Ratio Lower Upper

119 100

91 0.0 70.2 105.2#

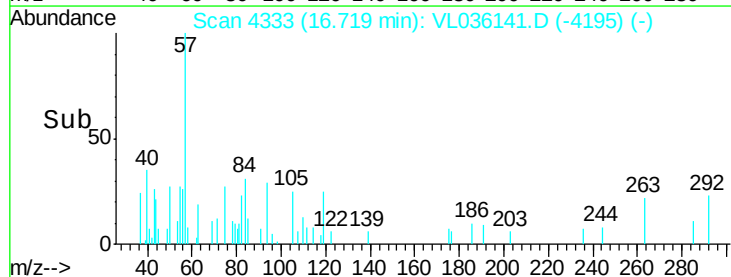
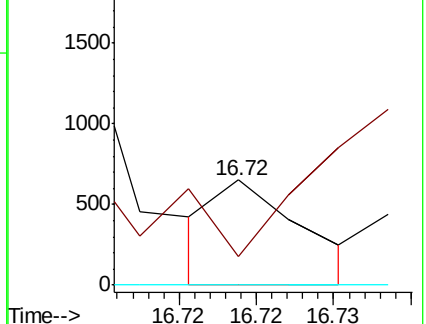
134 0.0 15.8 23.6#

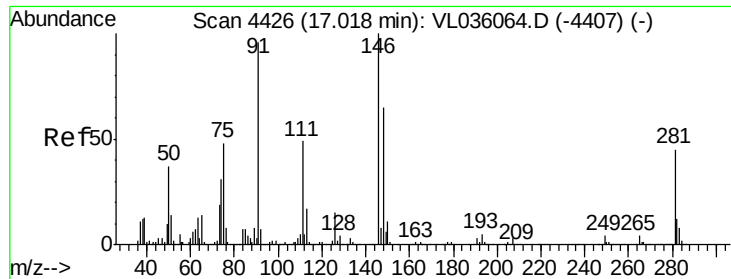


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

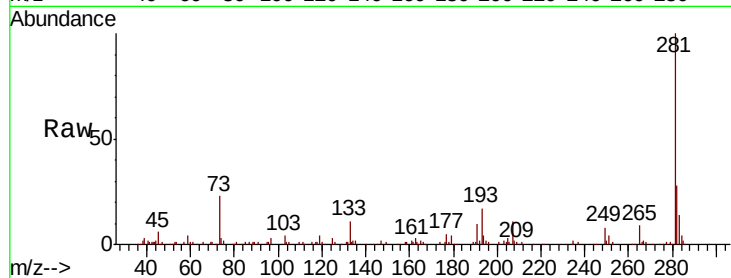
Ion 134.20 (133.90 to 134.90): V



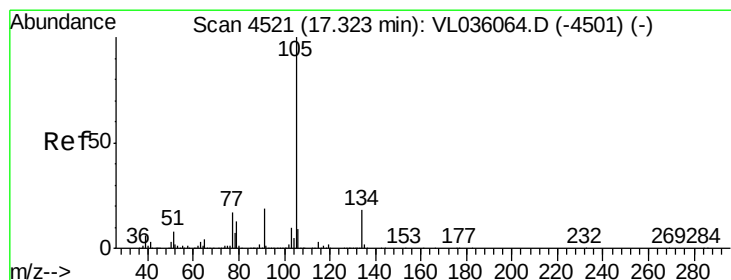
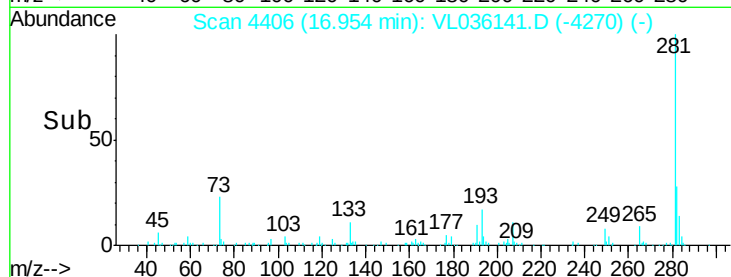
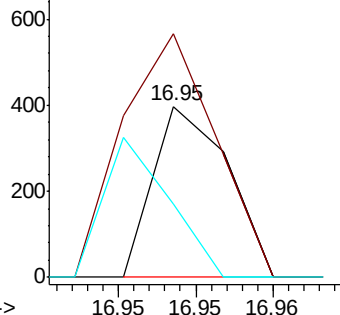


#66
Benzyl Chloride
Concen: 0.002 ppbv
RT: 16.95 min Scan# 4406
Delta R.T. -0.06 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tot Ion: 91 Resp: 133
Ion Ratio Lower Upper
91 100
126 0.0 13.5 20.3#
128 109.0 4.4 6.6#

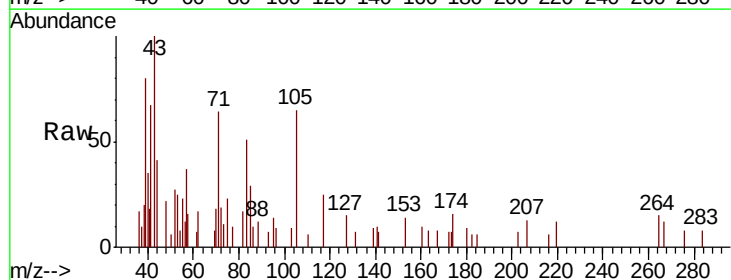


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

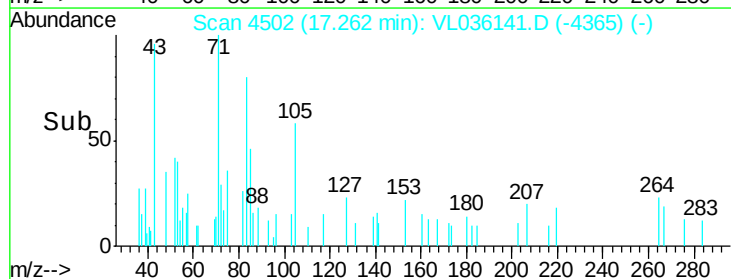
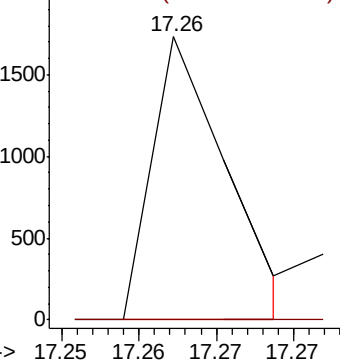


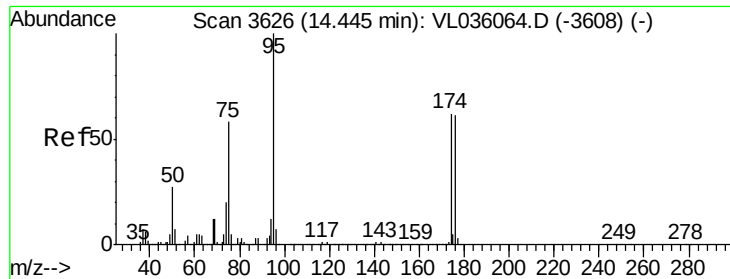
#67
sec-Butylbenzene
Concen: 0.001 ppbv
RT: 17.26 min Scan# 4502
Delta R.T. -0.06 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion: 105 Resp: 576
Ion Ratio Lower Upper
105 100
134 0.0 14.2 21.4#



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





#68

1-Bromo-4-Fluorobenzene

Concen: 11.087 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.04 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

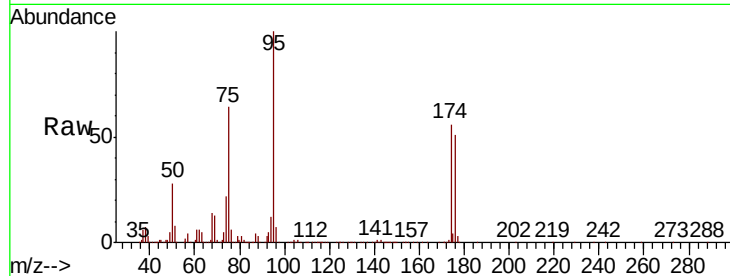
Tot Ion: 95 Resp: 2079684

Ion Ratio Lower Upper

95 100

174 55.1 50.7 76.1

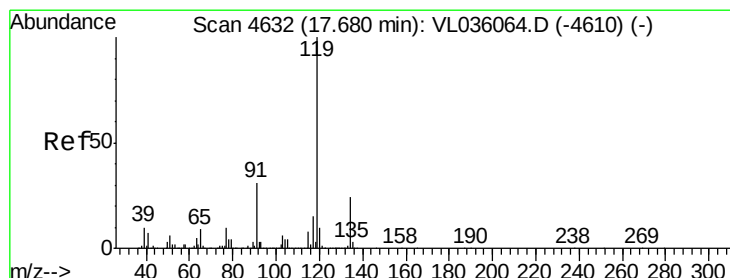
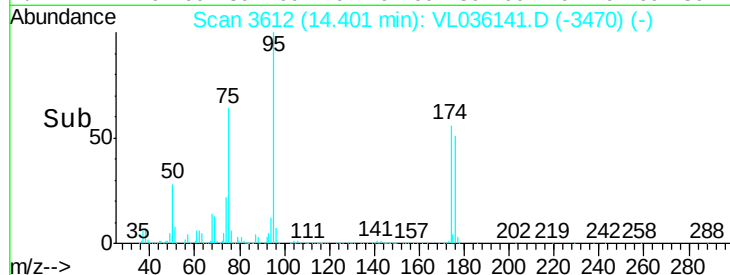
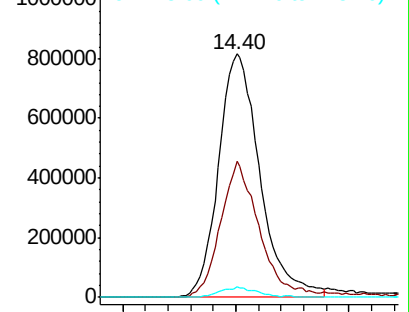
175 3.9 4.0 6.0#



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: 0.002 ppbv

RT: 17.63 min Scan# 4616

Delta R.T. -0.05 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

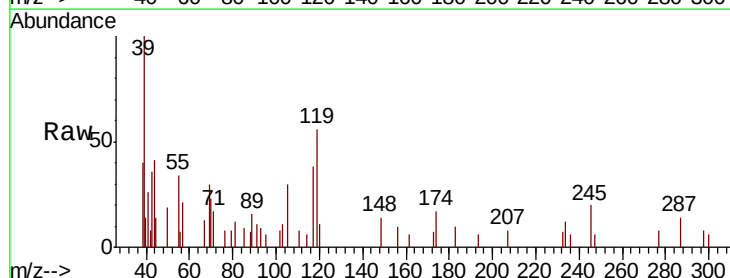
Tgt Ion: 119 Resp: 699

Ion Ratio Lower Upper

119 100

134 0.0 19.8 29.6#

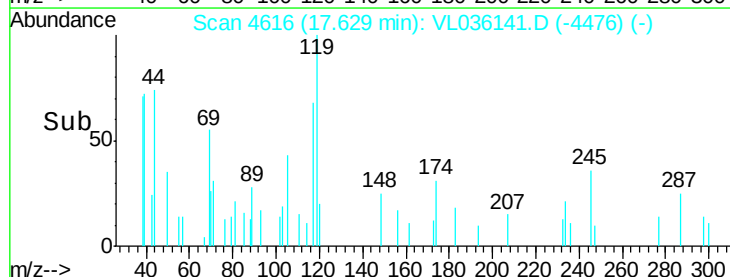
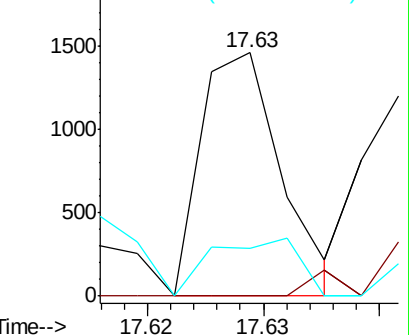
91 0.0 25.8 38.6#

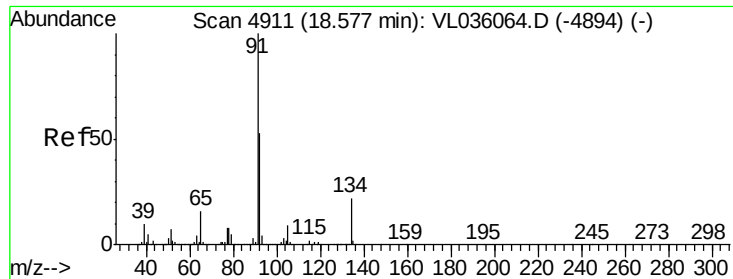


Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

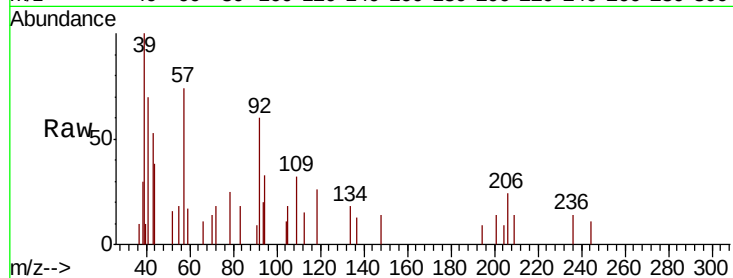
Ion 91.10 (90.80 to 91.80): VL0



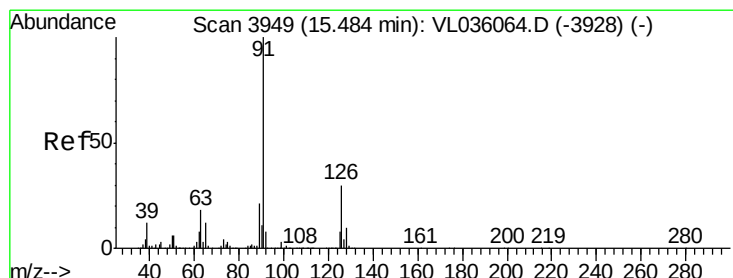
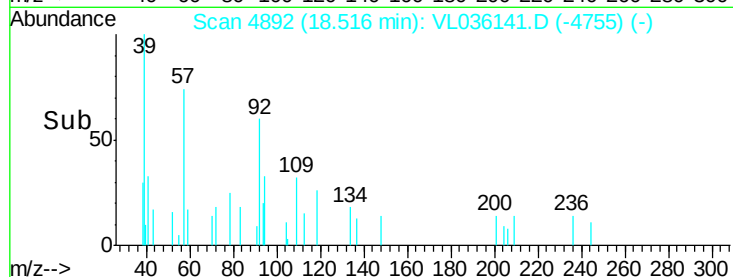
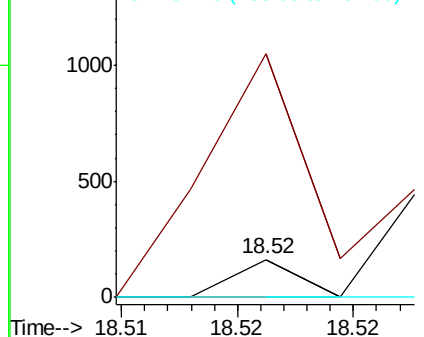


#70
n-Butylbenzene
Concen: 0.000 ppbv
RT: 18.52 min Scan# 4892
Delta R.T. -0.06 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tot Ion	Ratio	Lower	Upper
91	100		
92	2359.4	43.3	64.9#
134	0.0	17.1	25.7#

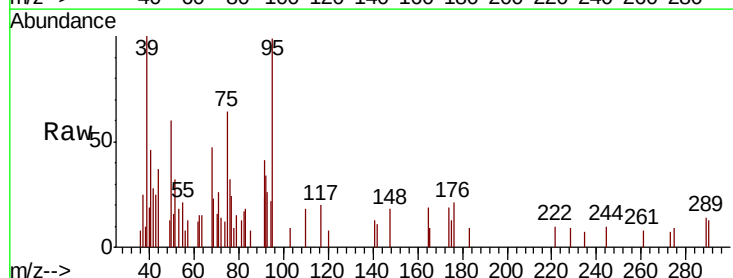


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0
Ion 134.20 (133.90 to 134.90): V

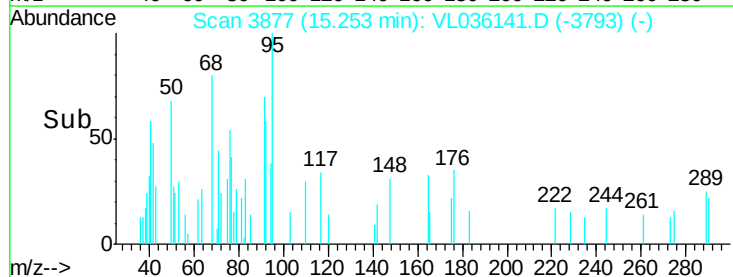
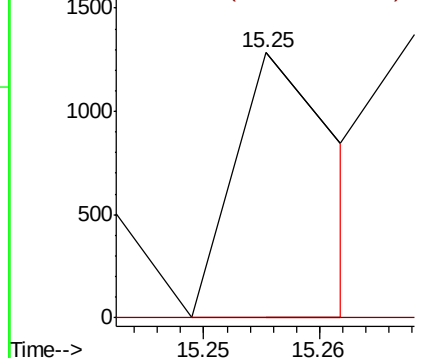


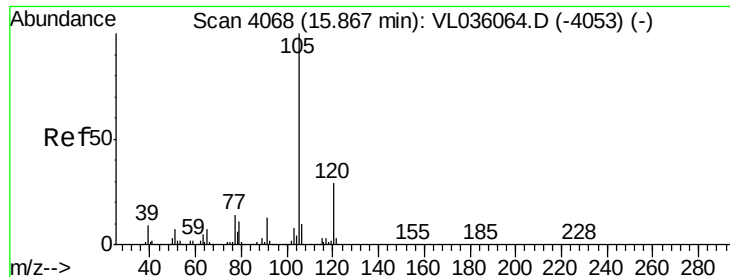
#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 15.25 min Scan# 3877
Delta R.T. -0.23 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.0	11.6	46.4



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





#72

4-Ethyltoluene

Concen: 0.004 ppbv

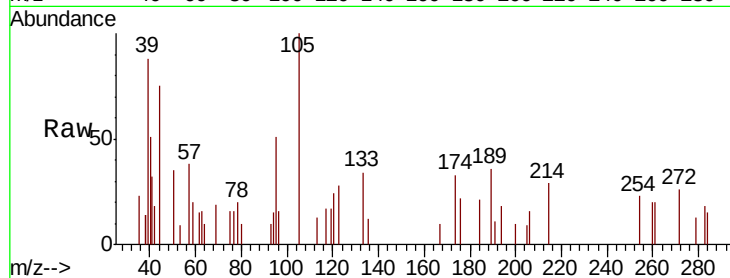
RT: 15.82 min Scan# 4053

Delta R.T. -0.05 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

Tot Ion:	105	Resp:	1154
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#

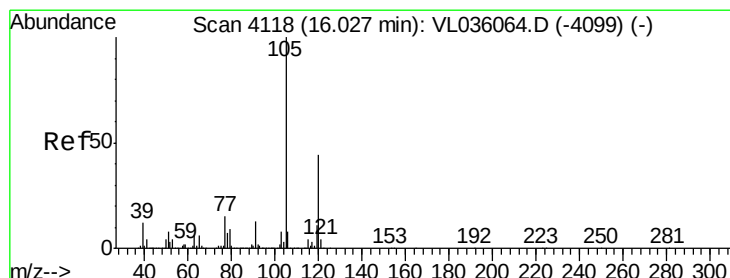
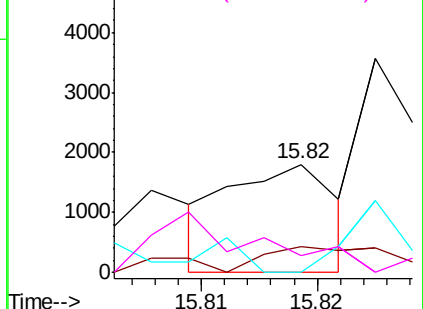
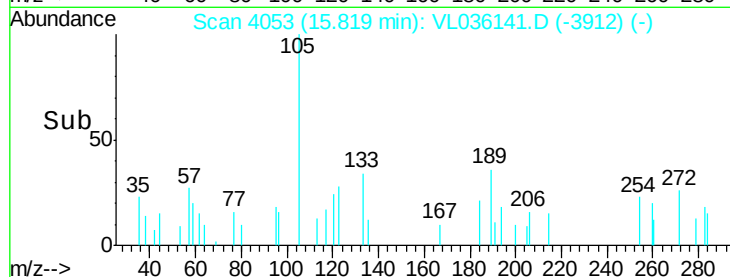


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.005 ppbv

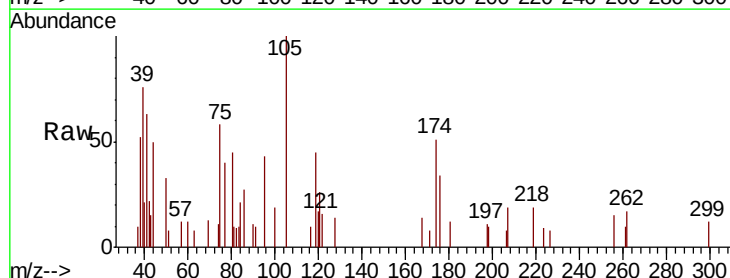
RT: 15.98 min Scan# 4103

Delta R.T. -0.05 min

Lab File: VL036141.D

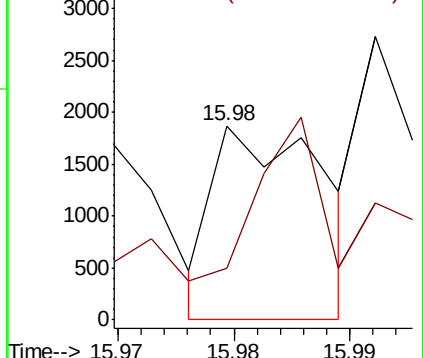
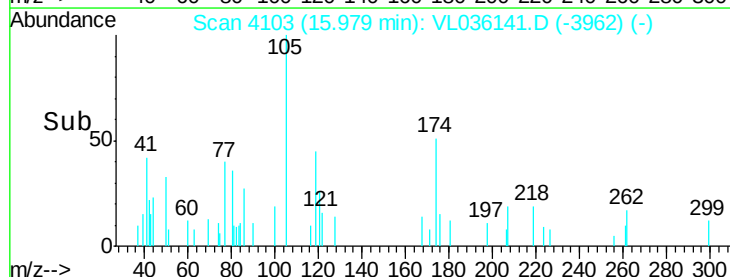
Acq: 10 Dec 2020 23:31

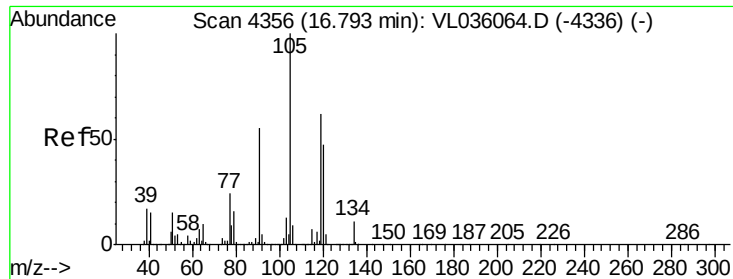
Tgt Ion:	105	Resp:	1220
Ion	Ratio	Lower	Upper
105	100		
120	8.6	35.4	53.2#



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: 0.005 ppbv

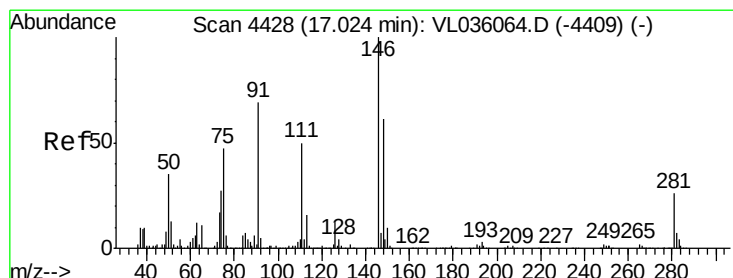
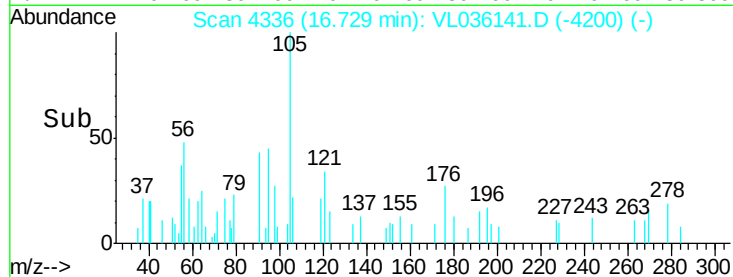
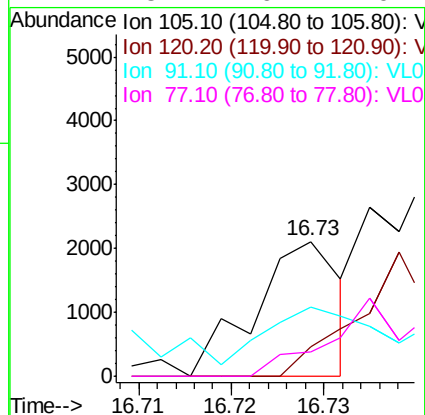
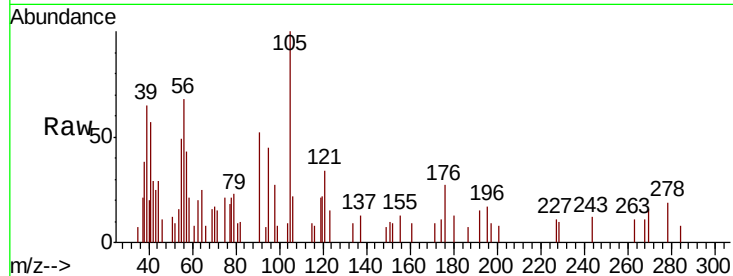
RT: 16.73 min Scan# 4336

Delta R.T. -0.06 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

Tot Ion:	105	Resp:	1359
Ion	Ratio	Lower	Upper
105	100		
120	55.5	37.4	56.0
91	23.1	45.6	68.4#
77	18.2	19.4	29.2#



#75

1,3-Dichlorobenzene

Concen: 0.003 ppbv

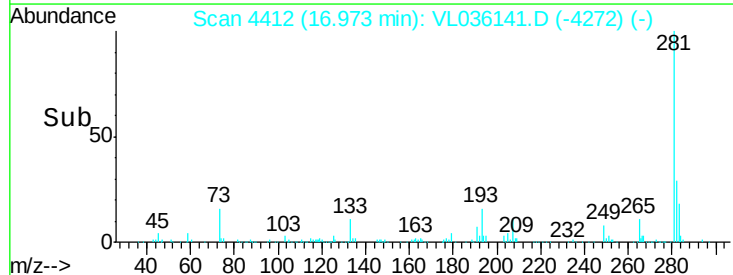
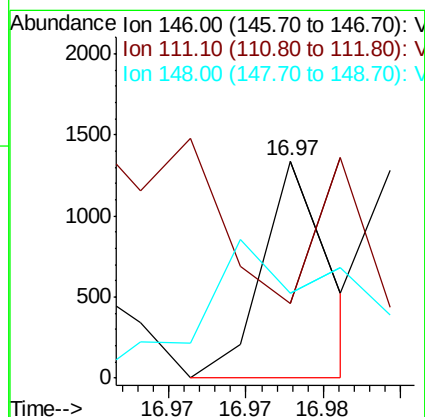
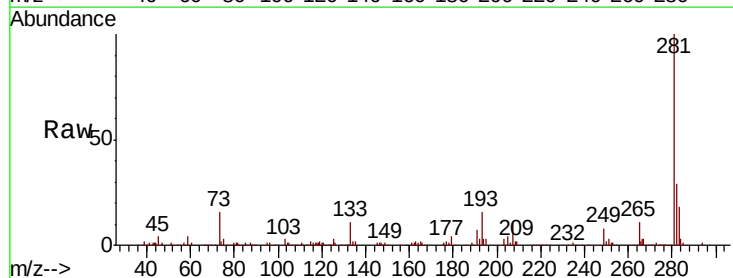
RT: 16.97 min Scan# 4412

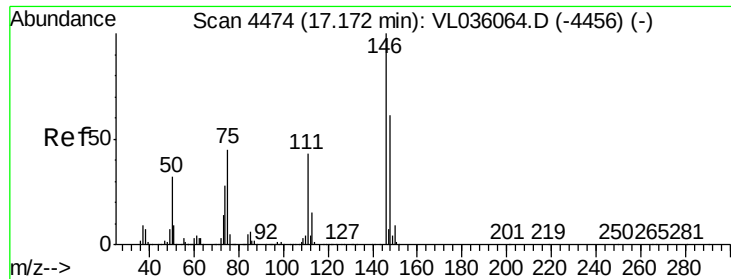
Delta R.T. -0.05 min

Lab File: VL036141.D

Acq: 10 Dec 2020 23:31

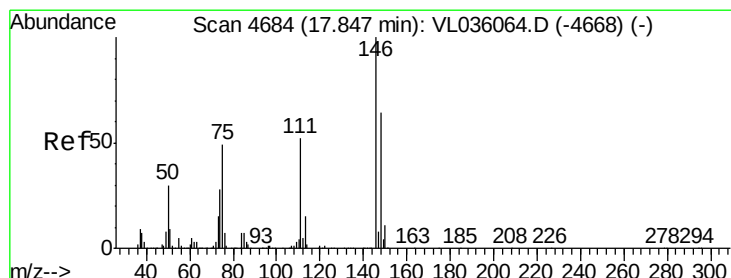
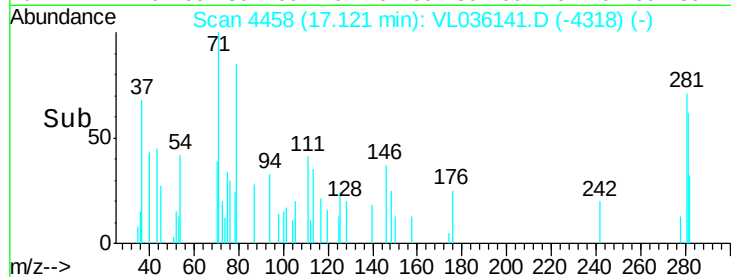
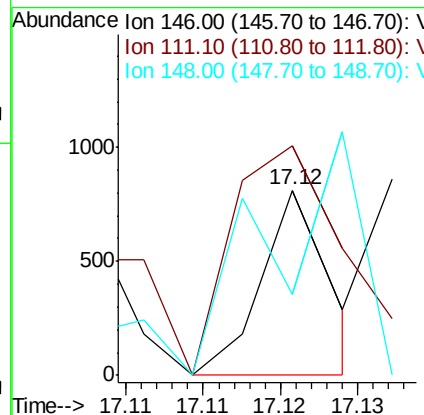
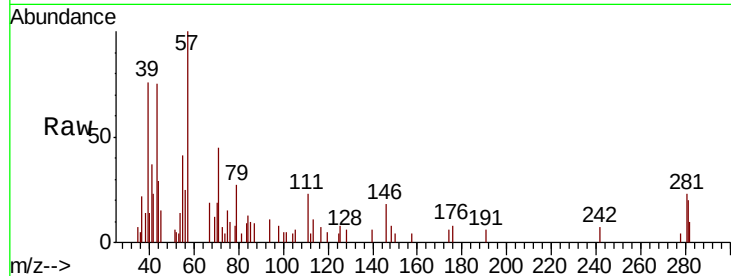
Tgt Ion:	146	Resp:	397
Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.1	75.3#
148	0.0	32.9	98.6#





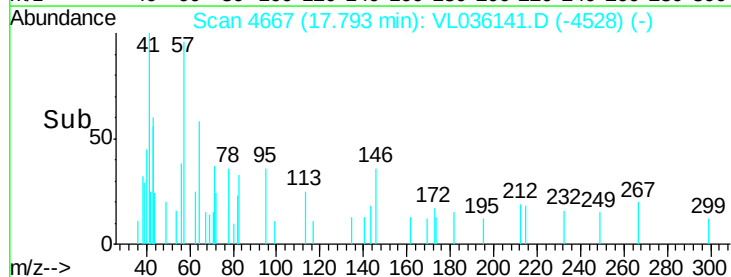
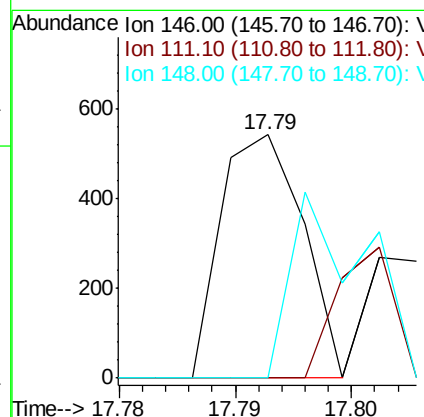
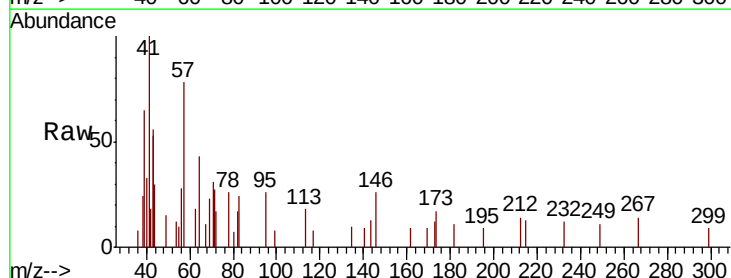
#76
 1,4-Dichlorobenzene
 Concen: 0.002 ppbv
 RT: 17.12 min Scan# 4458
 Delta R.T. -0.05 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

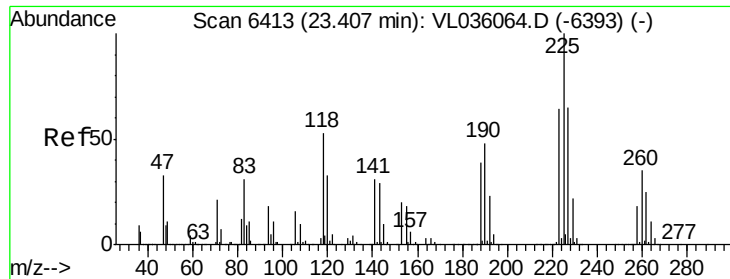
Tot Ion:146 Resp: 247
 Ion Ratio Lower Upper
 146 100
 111 425.1 24.3 72.8#
 148 234.4 32.8 98.3#



#77
 1,2-Dichlorobenzene
 Concen: 0.002 ppbv
 RT: 17.79 min Scan# 4667
 Delta R.T. -0.05 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

Tgt Ion:146 Resp: 266
 Ion Ratio Lower Upper
 146 100
 111 0.0 26.1 78.2#
 148 0.0 33.1 99.5#

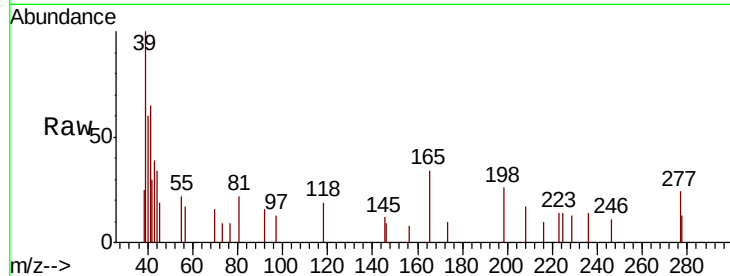




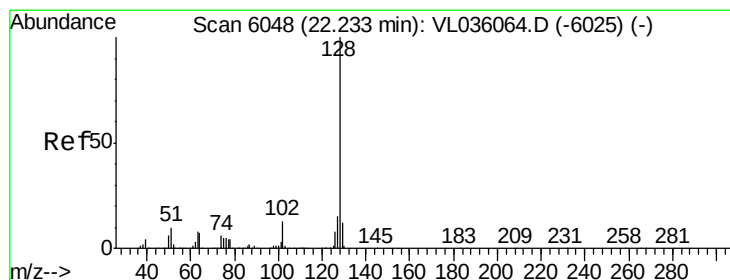
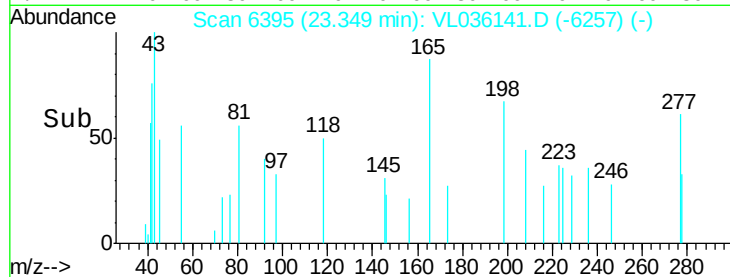
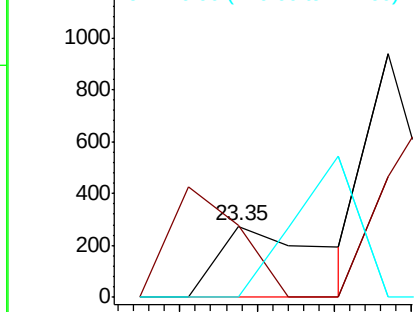
#78

Hexachloro-1,3-Butadiene
 Concen: 0.001 ppbv
 RT: 23.35 min Scan# 6395
 Delta R.T. -0.06 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

Tot Ion	Ratio	Lower	Upper
225	100		
223	169.0	51.1	76.7#
227	0.0	51.7	77.5#



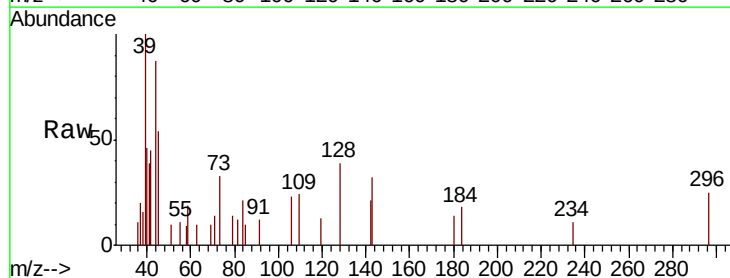
Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V



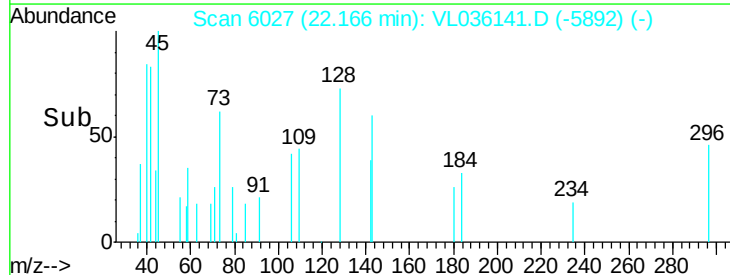
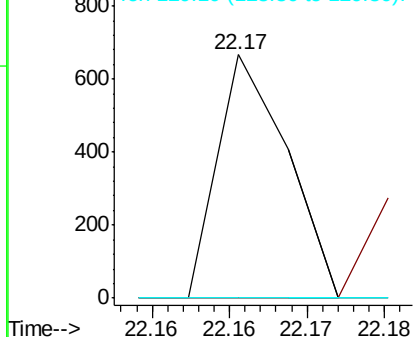
#79

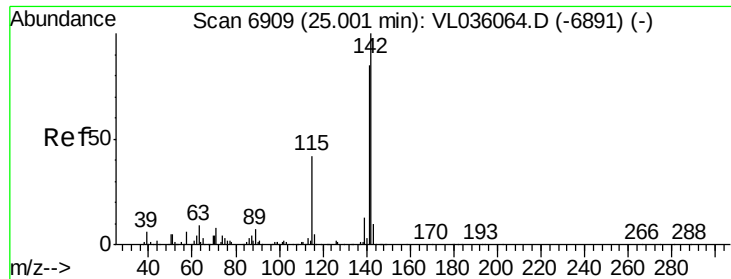
Naphthalene
 Concen: 0.002 ppbv
 RT: 22.17 min Scan# 6027
 Delta R.T. -0.07 min
 Lab File: VL036141.D
 Acq: 10 Dec 2020 23:31

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



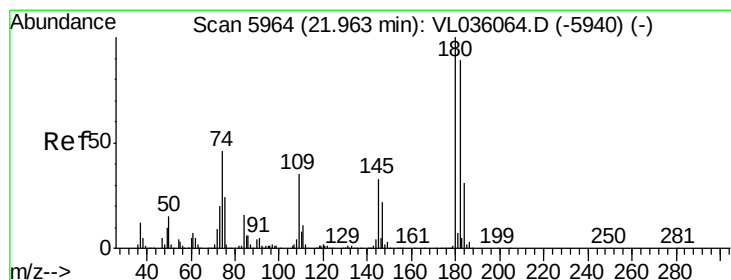
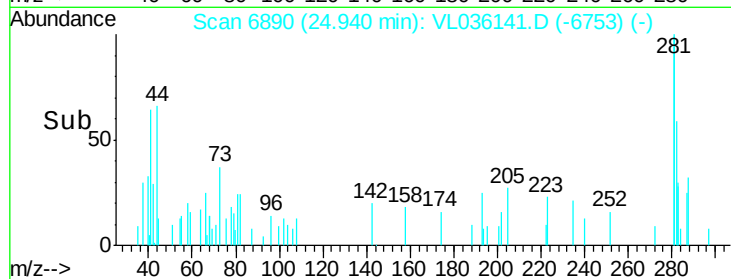
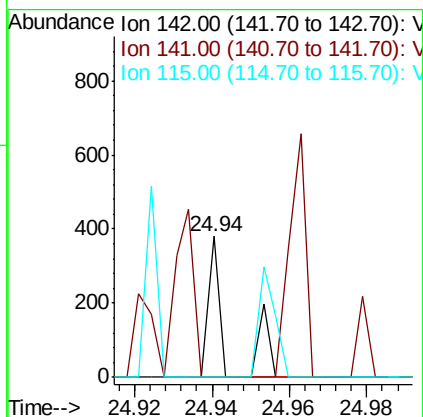
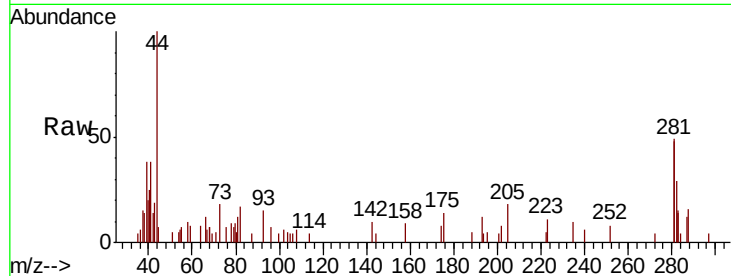
Abundance Ion 128.10 (127.80 to 128.80): V
 Ion 127.10 (126.80 to 127.80): V
 Ion 129.10 (128.80 to 129.80): V





#80
Naphthalene, 2-methyl-
Concen: 0.004 ppbv
RT: 24.94 min Scan# 6890
Delta R.T. -0.06 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tot Ion	Ratio	Lower	Upper
142	100		
141	202.7	64.3	96.5#
115	89.3	33.9	50.9#



#81
1,2,4-Trichlorobenzene
Concen: 0.002 ppbv
RT: 21.95 min Scan# 5961
Delta R.T. -0.01 min
Lab File: VL036141.D
Acq: 10 Dec 2020 23:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	350.3	0.0	0.0#
184	188.0	0.0	0.0#

