

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036131.D
 Acq On : 10 Dec 2020 13:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 11 03:38:29 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	5.66	49	1314040	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2744638	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	2707518m	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2242443	10.43	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	1081937	7.065	ppbv	95
3) Chlorodifluoromethane	2.98	51	1546308	10.314	ppbv	99
4) Chloromethane	3.13	50	727128	9.879	ppbv	99
5) Vinyl Chloride	3.25	62	745769	9.107	ppbv	99
6) Bromomethane	3.46	94	403416	9.548	ppbv	94
7) Chloroethane	3.55	64	258801	9.278	ppbv	100
8) Dichlorotetrafluoroethane	3.18	85	1604215	9.426	ppbv	91
9) Propene	3.00	41	701645	9.342	ppbv	99
10) Heptane	8.12	43	1835862	9.571	ppbv	99
11) Trichlorofluoromethane	3.94	101	1799922	9.997	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1118883	9.151	ppbv	95
13) Ethanol	3.60	45	103222m	9.970	ppbv	
14) Bromoethene	3.73	108	477113	9.511	ppbv	96
15) Acetone	3.84	43	1398552	8.856	ppbv	95
16) 1,3-Butadiene	3.32	39	771557	9.700	ppbv	98
17) tert-Butyl alcohol	4.28	59	1187155	7.761	ppbv	99
18) 1,1-Dichloroethene	4.28	96	502257	9.252	ppbv	96
19) Isopropyl Alcohol	3.96	45	793404	8.220	ppbv #	100
20) Methylene Chloride	4.33	84	457342	7.067	ppbv	95
21) Allyl Chloride	4.40	41	934881	8.903	ppbv	98
22) trans-1,2-Dichloroethene	4.88	96	485272	8.928	ppbv	93
23) Vinyl Acetate	5.07	43	1989146	9.460	ppbv	98
24) 1,1-Dichloroethane	5.00	63	1362415	9.213	ppbv	97
25) Ethyl Acetate	5.67	43	3003007	9.518	ppbv	100
26) Hexane	5.68	57	1253106	8.825	ppbv	97
27) Carbon Disulfide	4.54	76	1291074	9.149	ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	1787131	8.853	ppbv	100
29) Chloroform	5.74	83	1883121	10.099	ppbv	98
30) Cyclohexane	7.12	84	983583	9.430	ppbv	98
31) cis-1,2-Dichloroethene	5.54	61	1300813	10.078	ppbv	93
32) 1,1,1-Trichloroethane	6.51	97	1879688	9.769	ppbv	98
34) 2-Butanone	5.24	43	1859343	10.213	ppbv	100
35) Carbon Tetrachloride	7.01	117	1778781	11.114	ppbv	97
36) Benzene	6.89	78	2506209	10.775	ppbv	97
37) 1,2-Dichloroethane	6.30	62	1591615	11.809	ppbv	99
38) Trichloroethene	7.83	130	777359	8.940	ppbv	90
39) 1,2-Dichloropropane	7.61	63	1001755	10.905	ppbv	94
40) 1,4-Dioxane	7.83	88	292560m	10.126	ppbv	
41) Tetrahydrofuran	6.04	42	1152908	10.660	ppbv	99
42) Bromodichloromethane	7.79	83	2063672	11.490	ppbv	97
43) Methyl Methacrylate	8.01	69	1116178	11.186	ppbv	97

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4496833	10.675	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	1167668	11.390	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1425678	11.095	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	941047	10.649	ppbv	96
48) Dibromochloromethane	10.30	129	1452233	10.882	ppbv	100
49) Bromoform	13.04	173	1123405	10.695	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	2975822	10.960	ppbv	99
51) 2-Hexanone	10.13	43	2371781	11.175	ppbv #	97
52) Tetrachloroethene	11.22	164	731704	8.690	ppbv	93
53) Toluene	9.80	91	2739315	10.488	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1385516	10.459	ppbv	93
56) 1,1,1,2-Tetrachloroethane	12.12	131	1085929	9.673	ppbv	96
57) Chlorobenzene	12.15	112	1792742	9.432	ppbv	96
58) Ethyl Benzene	12.71	91	3729934	10.052	ppbv	99
59) m/p-Xylene	12.99	91	6256813m	20.021	ppbv	
60) o-Xylene	13.69	91	2905914	9.869	ppbv	96
61) Styrene	13.53	104	1889622	9.996	ppbv	96
62) Isopropylbenzene	14.67	105	4145502	9.498	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.68	83	1928297	9.724	ppbv	99
64) n-propylbenzene	15.56	120	998150	9.506	ppbv	87
65) tert-Butylbenzene	16.74	119	3247095m	9.089	ppbv	
66) Benzyl Chloride	16.99	91	784250	8.816	ppbv	96
67) sec-Butylbenzene	17.29	105	4713796	9.428	ppbv	97
69) p-Isopropyltoluene	17.65	119	3662723	9.210	ppbv	97
70) n-Butylbenzene	18.55	91	3971527	10.104	ppbv	99
71) 2-Chlorotoluene	15.45	91	3296983	9.993	ppbv	95
72) 4-Ethyltoluene	15.84	105	3159090	9.904	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	2923331	9.597	ppbv	95
74) 1,2,4-Trimethylbenzene	16.77	105	2891989	9.458	ppbv	94
75) 1,3-Dichlorobenzene	17.00	146	1399868	9.146	ppbv	97
76) 1,4-Dichlorobenzene	17.14	146	1354376	8.691	ppbv	95
77) 1,2-Dichlorobenzene	17.82	146	1293358	8.850	ppbv	97
78) Hexachloro-1,3-Butadiene	23.38	225	960527	8.200	ppbv	99
79) Naphthalene	22.20	128	1717038	11.047	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	711265	20.464	ppbv	98
81) 1,2,4-Trichlorobenzene	21.93	180	983056	9.466	ppbv #	100

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

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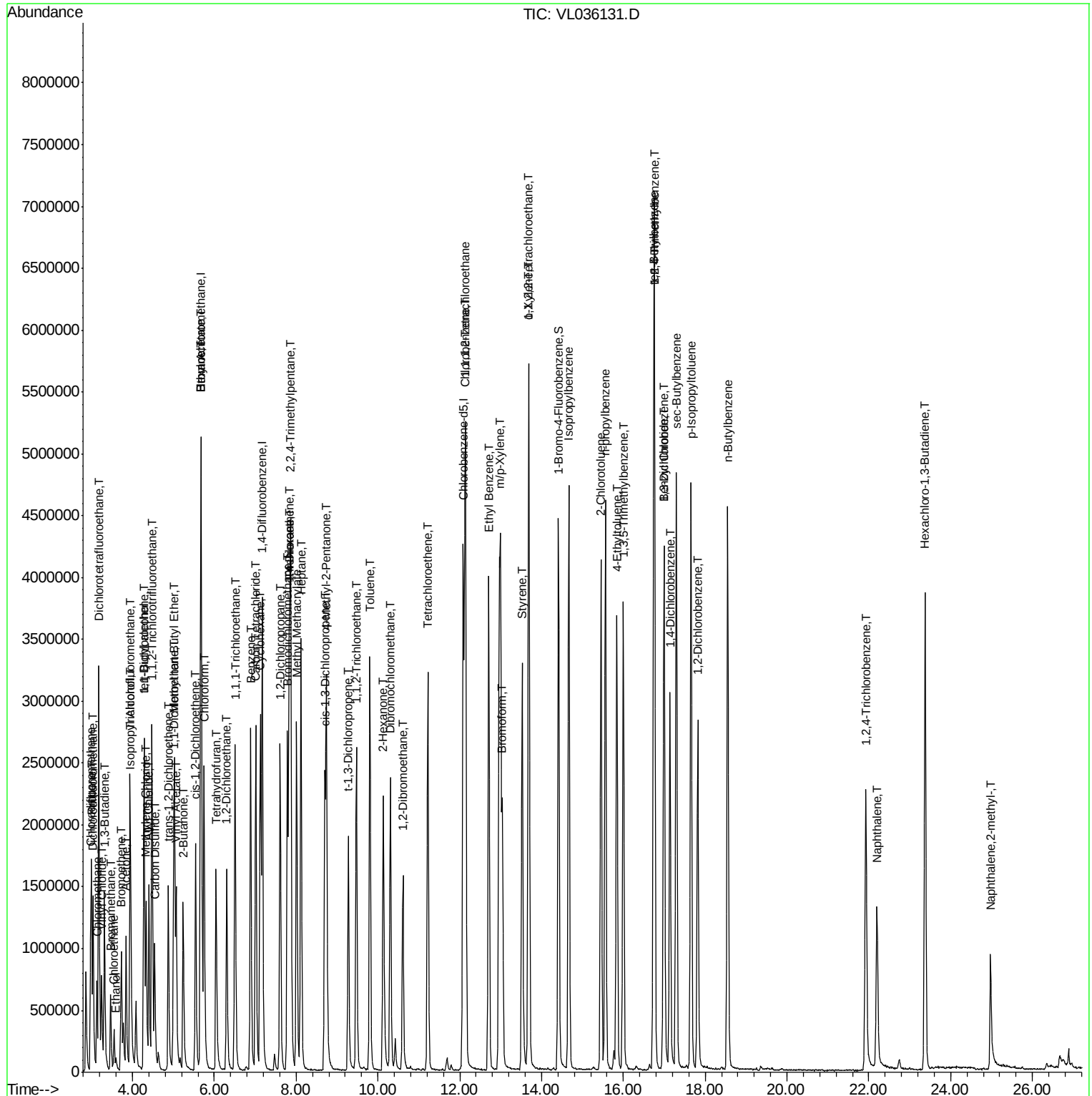
Quant Time: Dec 11 03:38:29 2020

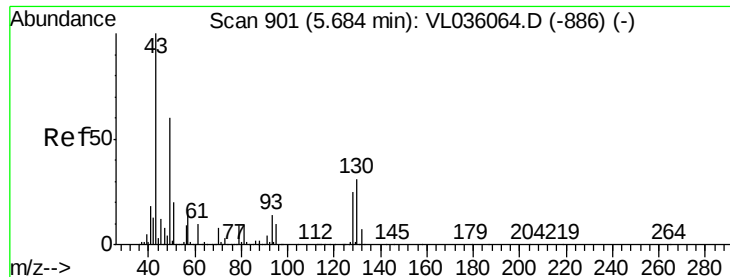
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.02 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

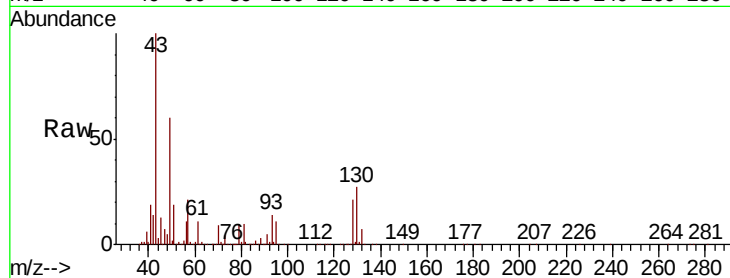
Tot Ion: 49 Resp: 1314040

Ion	Ratio	Lower	Upper
49	100		
128	36.4	21.1	63.1
130	47.2	27.1	81.3

49 100

128 36.4 21.1 63.1

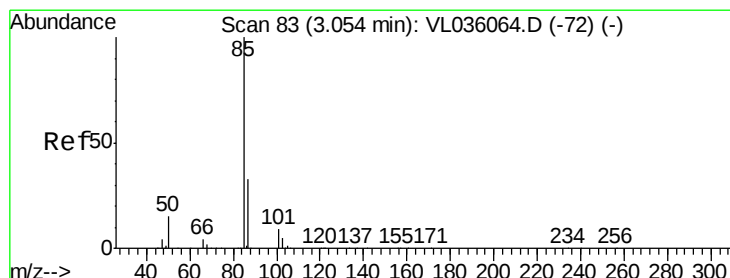
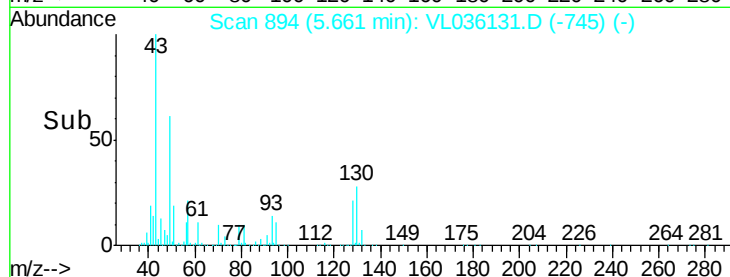
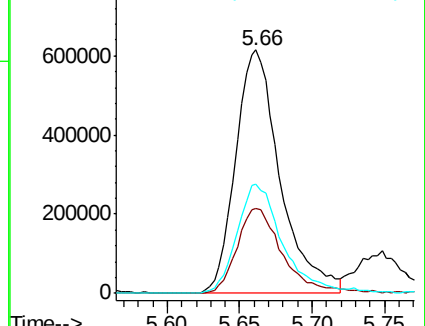
130 47.2 27.1 81.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 7.065 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.02 min

Lab File: VL036131.D

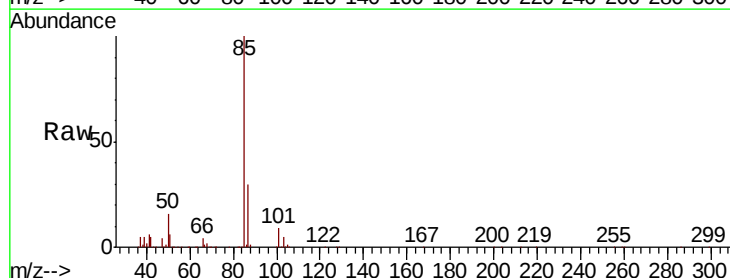
Acq: 10 Dec 2020 13:53

Tgt Ion: 85 Resp: 1081937

Ion	Ratio	Lower	Upper
85	100		
87	30.2	26.5	39.7

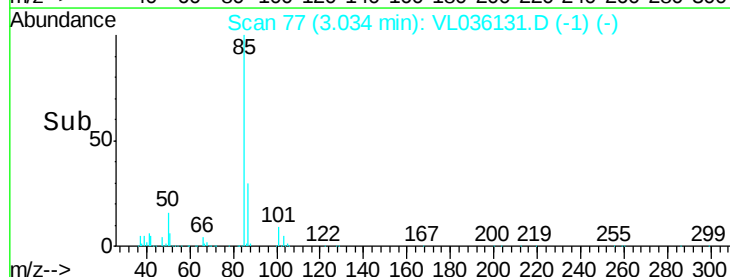
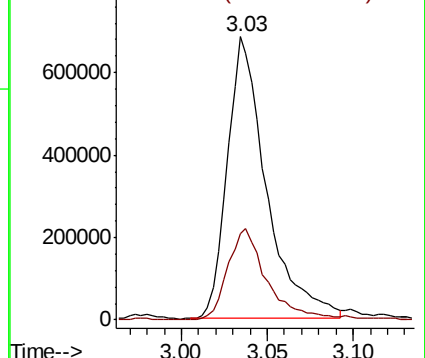
85 100

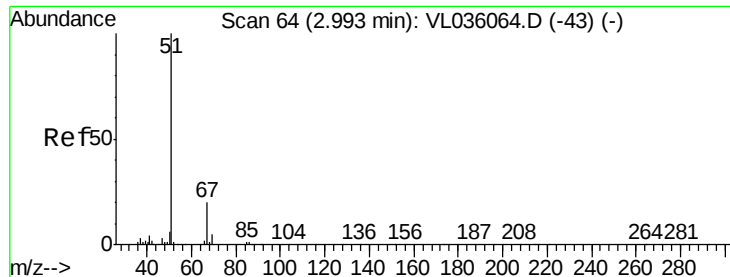
87 30.2 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.314 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.02 min

Lab File: VL036131.D

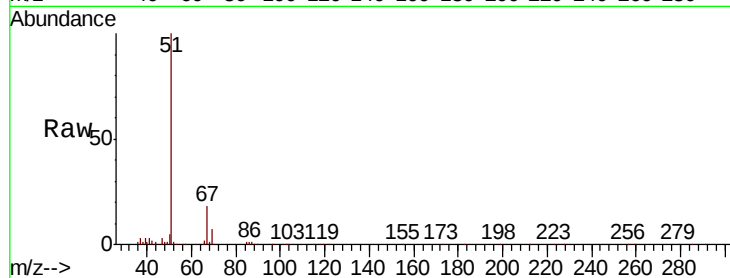
Acq: 10 Dec 2020 13:53

Tot Ion: 51 Resp: 1546308

Ion Ratio Lower Upper

51 100

67 18.4 14.3 21.5



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.98

800000

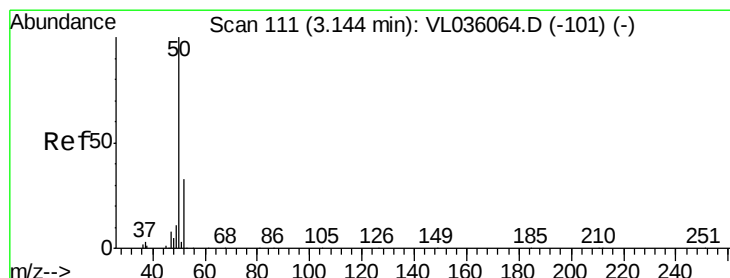
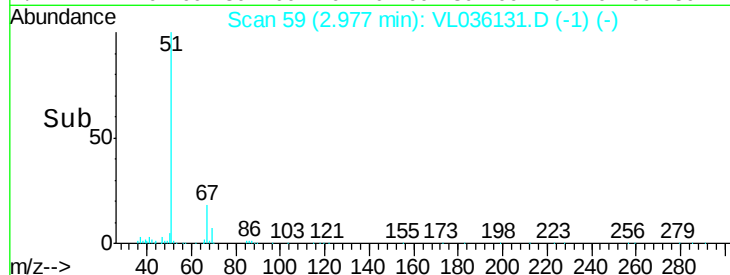
600000

400000

200000

0

Time-->



#4

Chloromethane

Concen: 9.879 ppbv

RT: 3.13 min Scan# 107

Delta R.T. -0.01 min

Lab File: VL036131.D

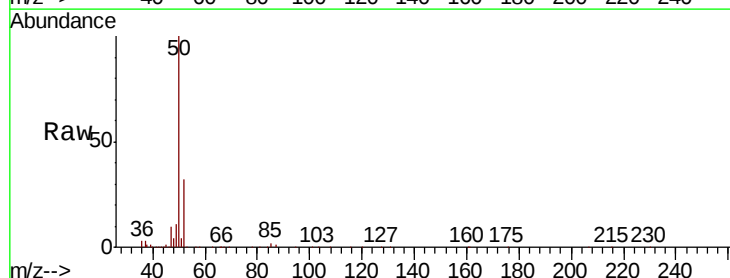
Acq: 10 Dec 2020 13:53

Tgt Ion: 50 Resp: 727128

Ion Ratio Lower Upper

50 100

52 32.1 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.13

500000

400000

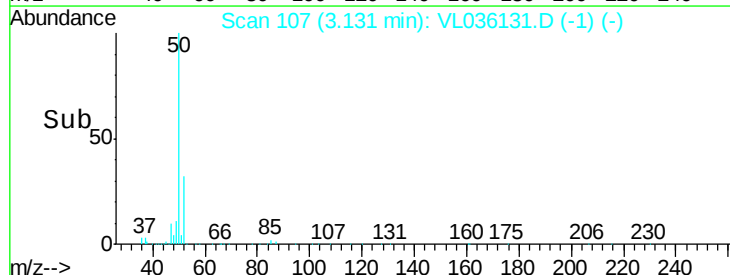
300000

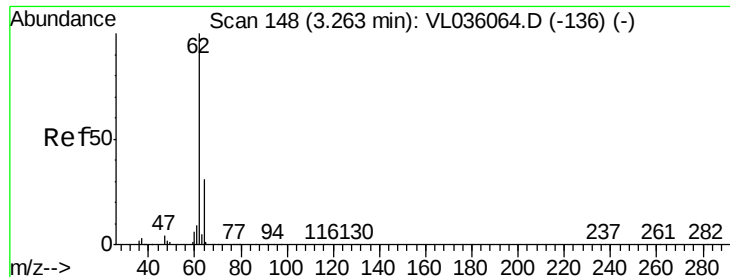
200000

100000

0

Time-->





#5

Vinyl Chloride

Concen: 9.107 ppbv

RT: 3.25 min Scan# 143

Delta R.T. -0.02 min

Lab File: VL036131.D

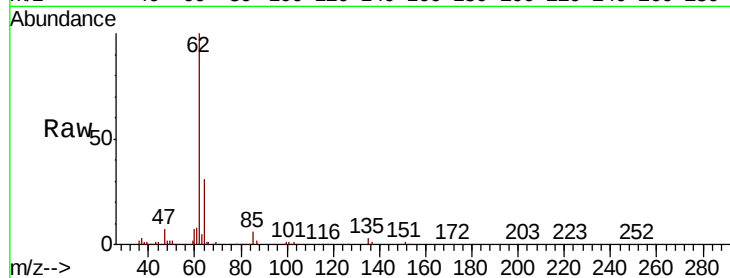
Acq: 10 Dec 2020 13:53

Tot Ion: 62 Resp: 745769

Ion Ratio Lower Upper

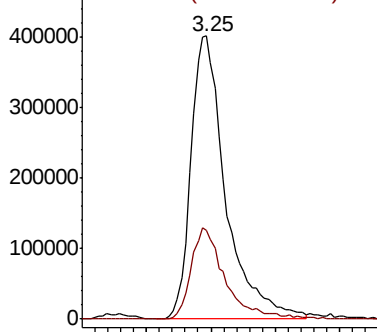
62 100

64 31.4 24.5 36.7

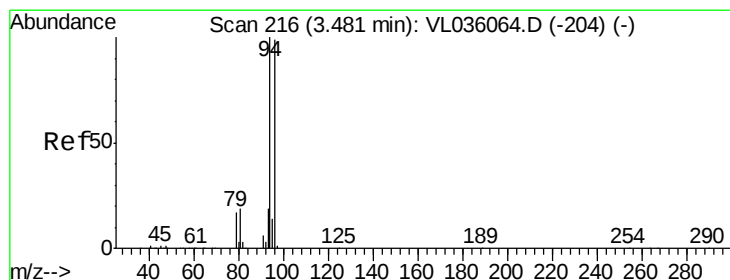
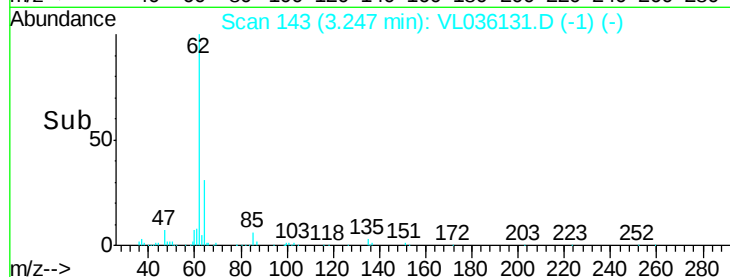


Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



Time-->



#6

Bromomethane

Concen: 9.548 ppbv

RT: 3.46 min Scan# 210

Delta R.T. -0.02 min

Lab File: VL036131.D

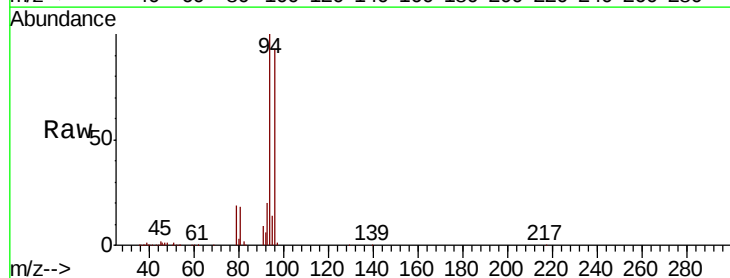
Acq: 10 Dec 2020 13:53

Tgt Ion: 94 Resp: 403416

Ion Ratio Lower Upper

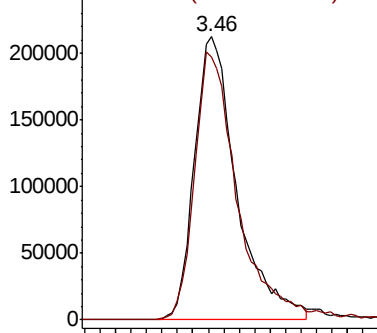
94 100

96 93.1 79.4 119.0

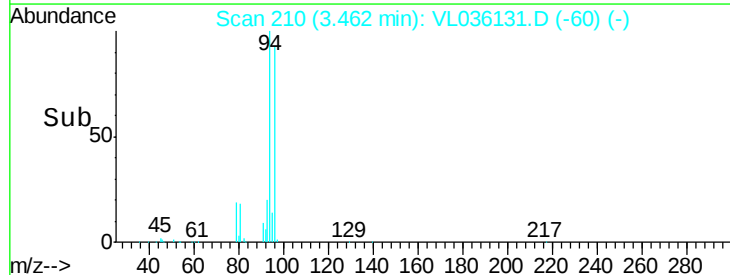


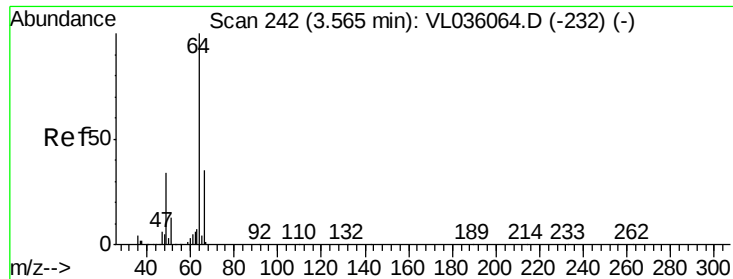
Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0



Time-->





#7

Chloroethane

Concen: 9.278 ppbv

RT: 3.55 min Scan# 236

Delta R.T. -0.02 min

Lab File: VL036131.D

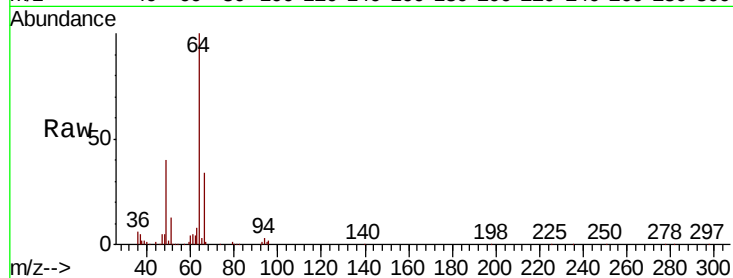
Acq: 10 Dec 2020 13:53

Tot Ion: 64 Resp: 258801

Ion Ratio Lower Upper

64 100

66 34.4 27.7 41.5



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.55

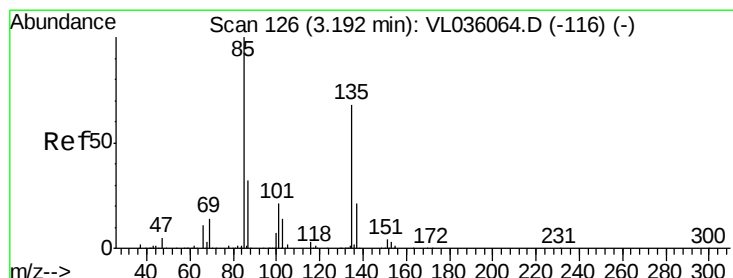
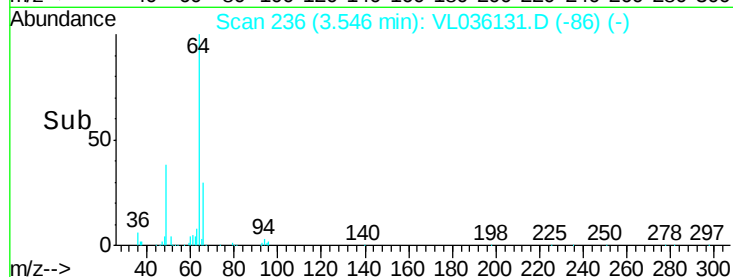
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.426 ppbv

RT: 3.18 min Scan# 121

Delta R.T. -0.02 min

Lab File: VL036131.D

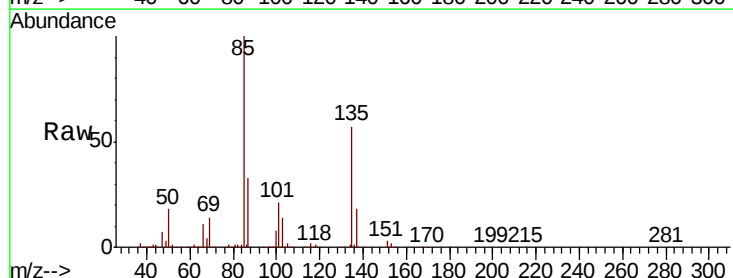
Acq: 10 Dec 2020 13:53

Tgt Ion: 85 Resp: 1604215

Ion Ratio Lower Upper

85 100

135 59.9 53.8 80.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.18

1000000

800000

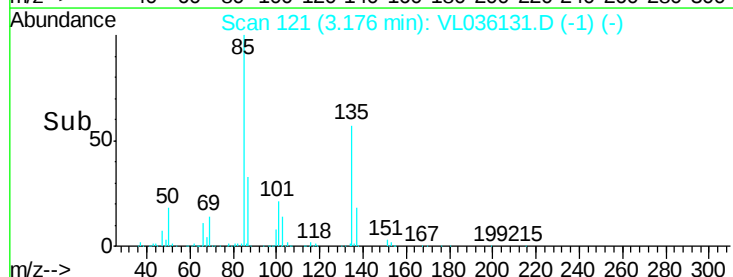
600000

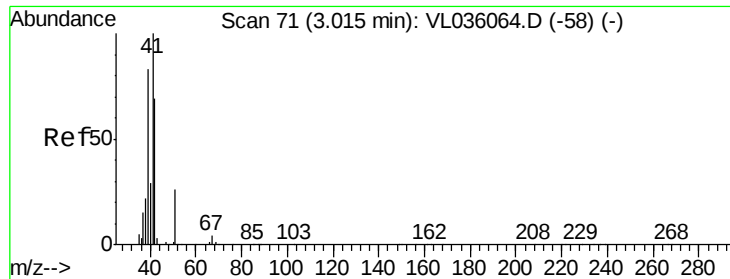
400000

200000

0

Time-->





#9

Propene

Concen: 9.342 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.02 min

Lab File: VL036131.D

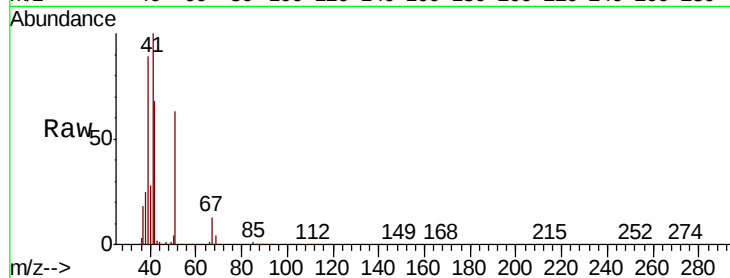
Acq: 10 Dec 2020 13:53

Tot Ion: 41 Resp: 701645

Ion Ratio Lower Upper

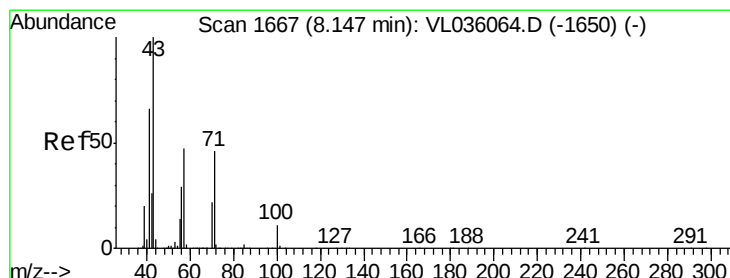
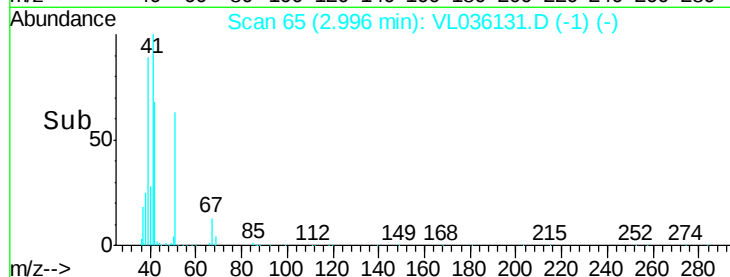
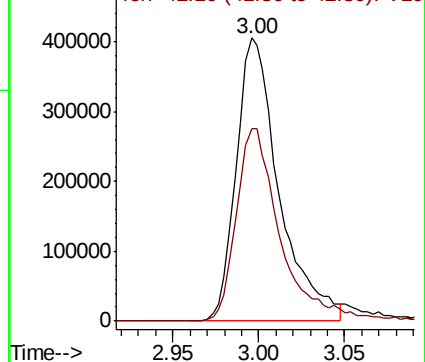
41 100

42 70.8 57.0 85.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 9.571 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.03 min

Lab File: VL036131.D

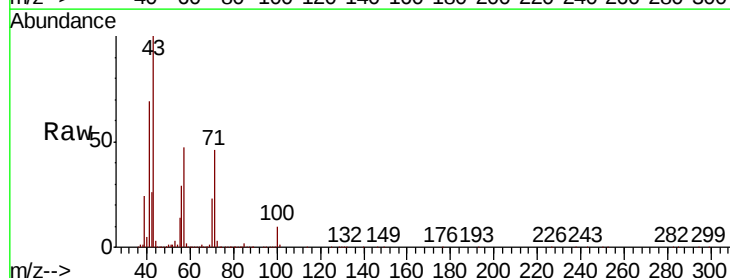
Acq: 10 Dec 2020 13:53

Tgt Ion: 43 Resp: 1835862

Ion Ratio Lower Upper

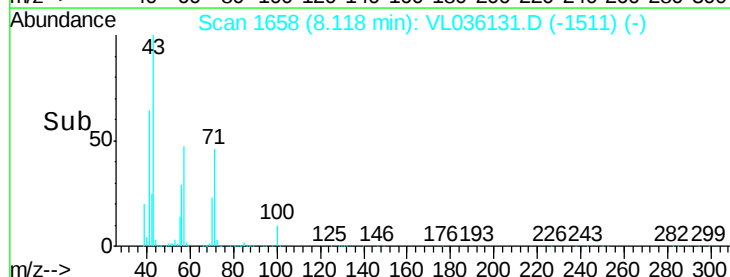
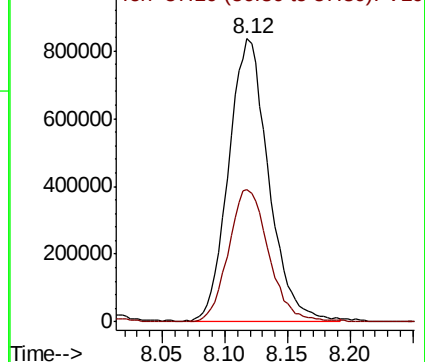
43 100

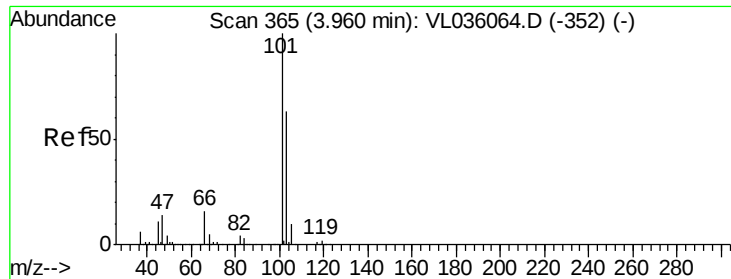
57 47.8 37.9 56.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

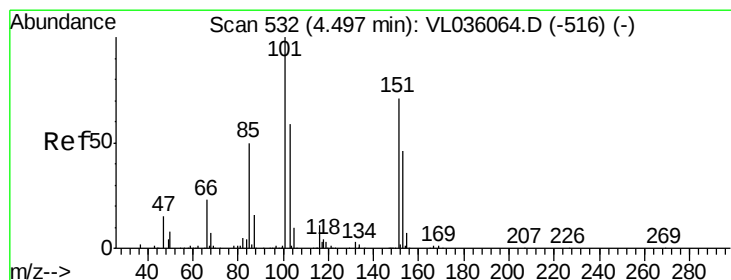
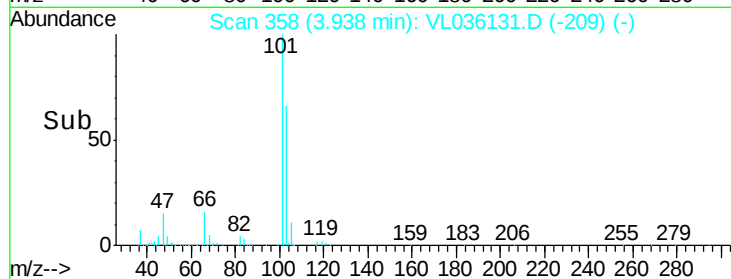
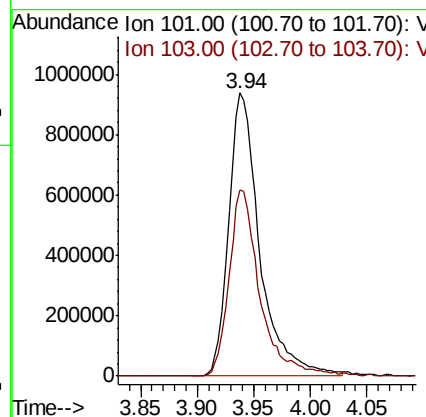
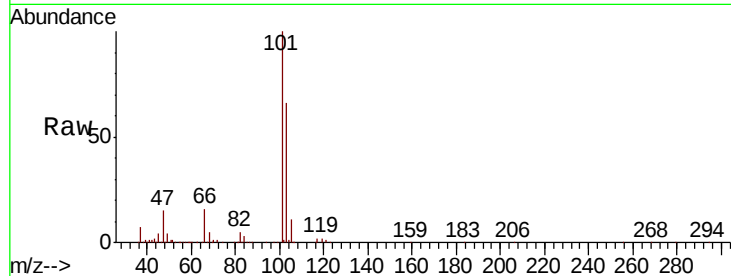
Ion 57.10 (56.80 to 57.80): VL0





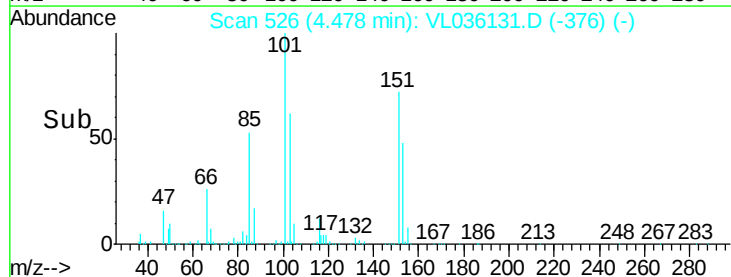
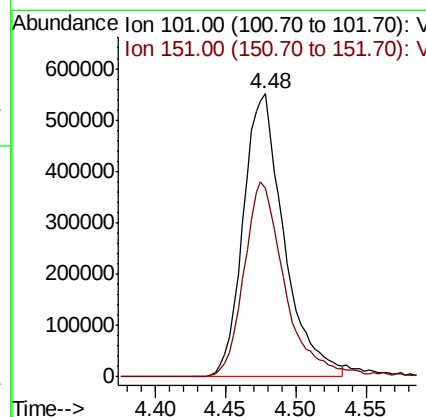
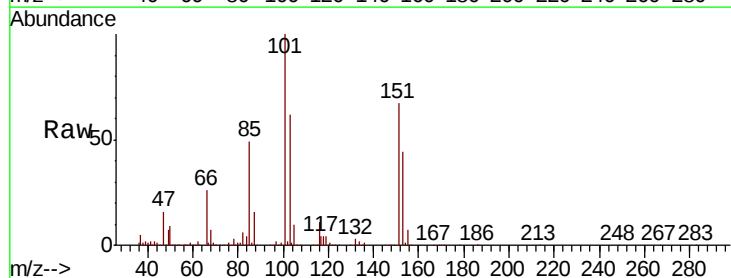
#11
 Trichlorofluoromethane
 Concen: 9.997 ppbv
 RT: 3.94 min Scan# 358
 Delta R.T. -0.02 min
 Lab File: VL036131.D
 Acq: 10 Dec 2020 13:53

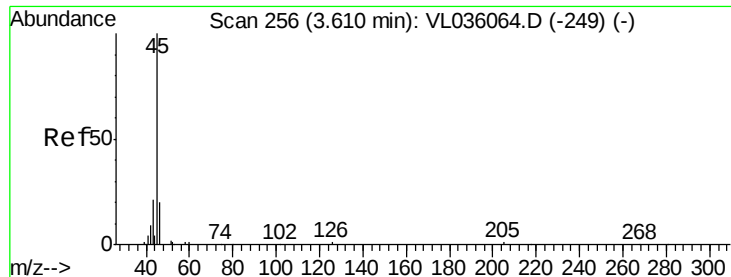
Tot Ion:101 Resp: 1799922
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.3 75.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.151 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: VL036131.D
 Acq: 10 Dec 2020 13:53

Tgt Ion:101 Resp: 1118883
 Ion Ratio Lower Upper
 101 100
 151 70.0 59.3 88.9





#13

Ethanol

Concen: 9.970 ppbv m

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL036131.D

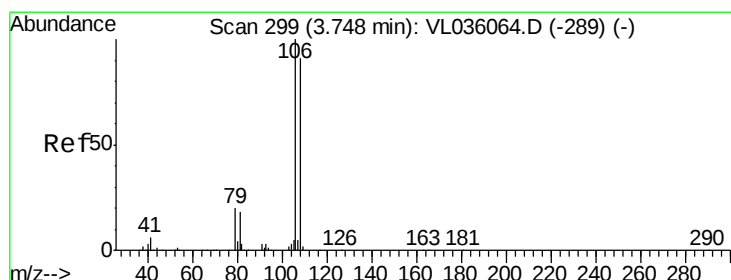
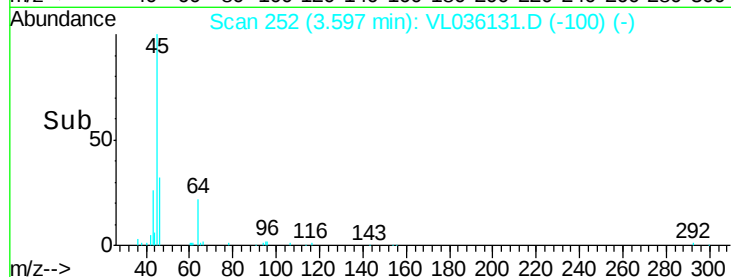
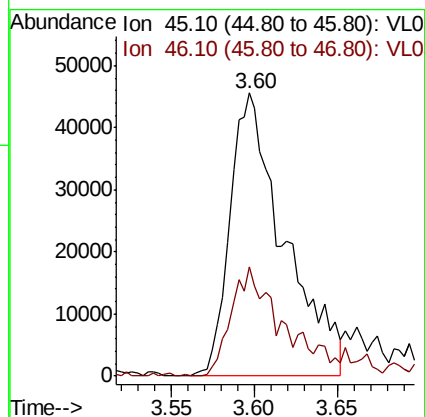
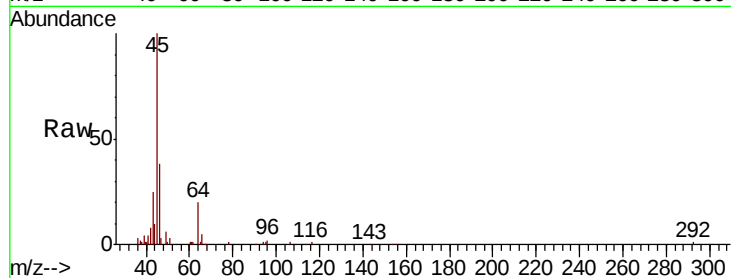
Acq: 10 Dec 2020 13:53

Tot Ion: 45 Resp: 103222

Ion Ratio Lower Upper

45 100

46 44.3 19.0 75.8



#14

Bromoethene

Concen: 9.511 ppbv

RT: 3.73 min Scan# 293

Delta R.T. -0.02 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

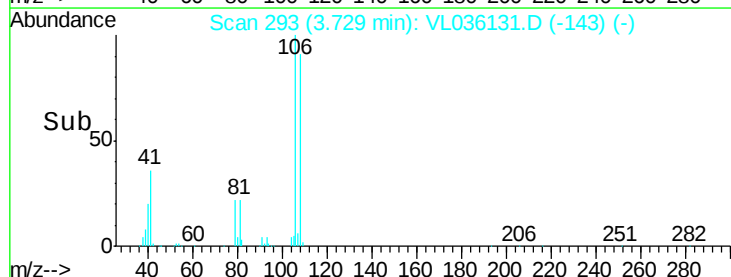
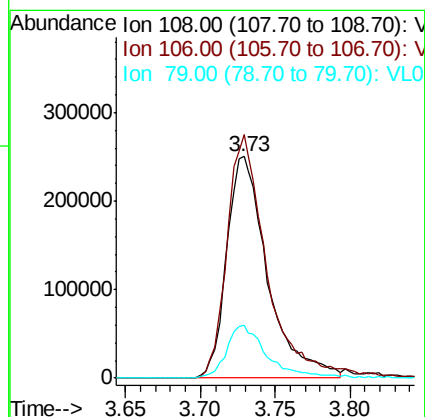
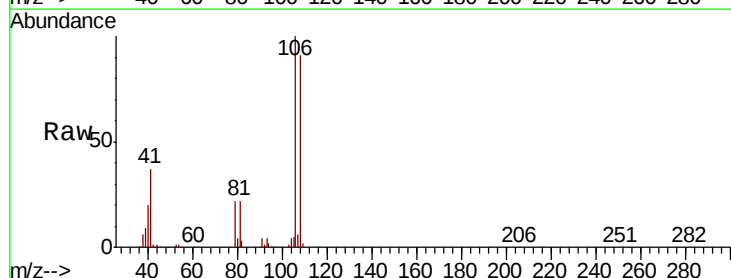
Tgt Ion: 108 Resp: 477113

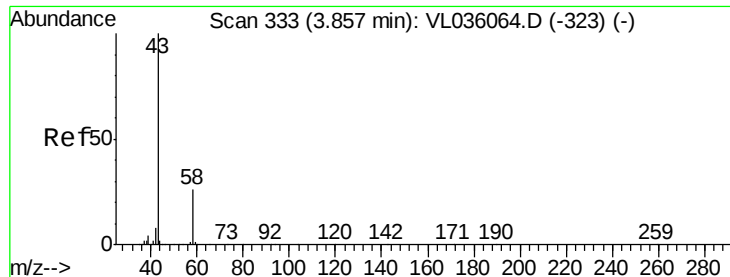
Ion Ratio Lower Upper

108 100

106 109.1 91.0 136.4

79 24.4 19.3 28.9





#15

Acetone

Concen: 8.856 ppbv

RT: 3.84 min Scan# 328

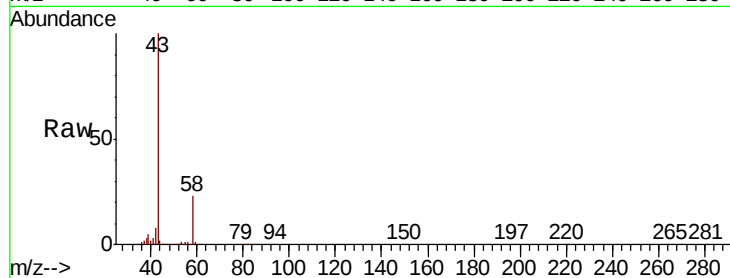
Delta R.T. -0.02 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

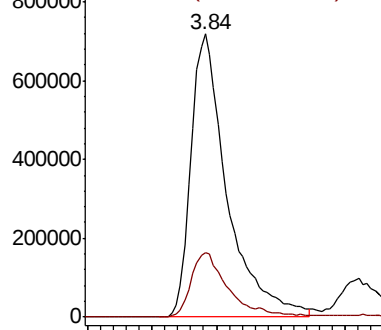
Tot Ion: 43 Resp: 1398552

Ion	Ratio	Lower	Upper
43	100		
58	23.8	20.9	31.3

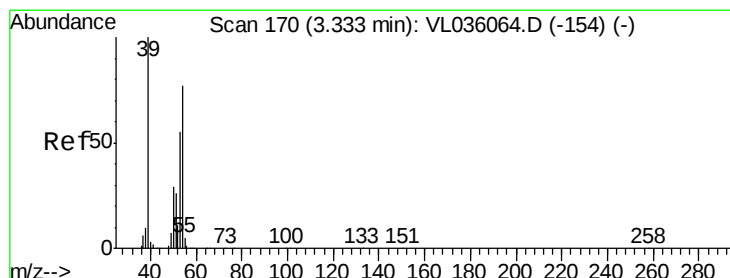
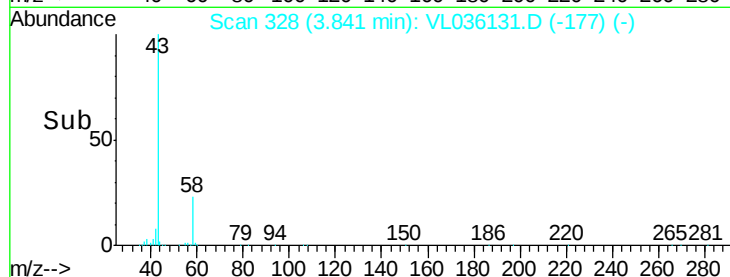


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



Time--> 3.75 3.80 3.85 3.90 3.95



#16

1,3-Butadiene

Concen: 9.700 ppbv

RT: 3.32 min Scan# 165

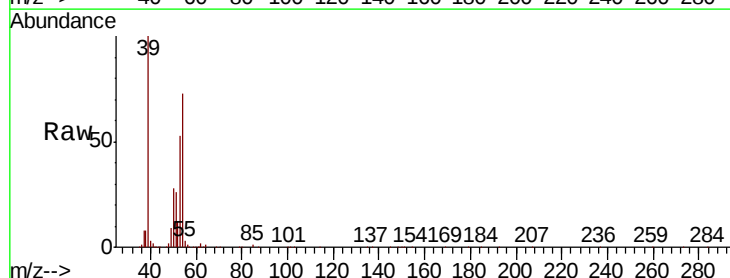
Delta R.T. -0.02 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

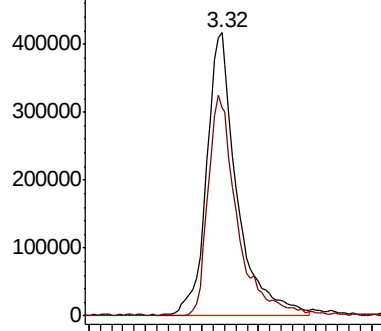
Tgt Ion: 39 Resp: 771557

Ion	Ratio	Lower	Upper
39	100		
54	76.3	62.1	93.1

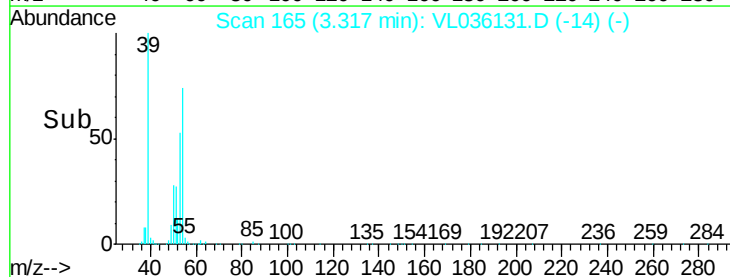


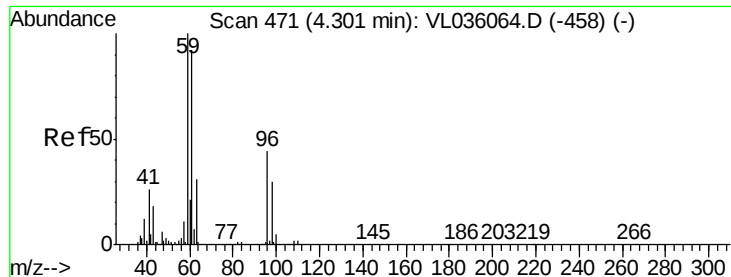
Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0



Time--> 3.20 3.25 3.30 3.35 3.40

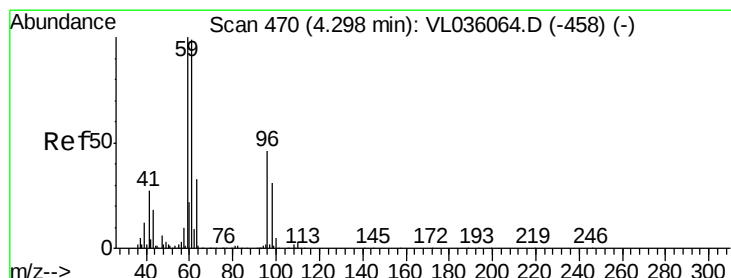
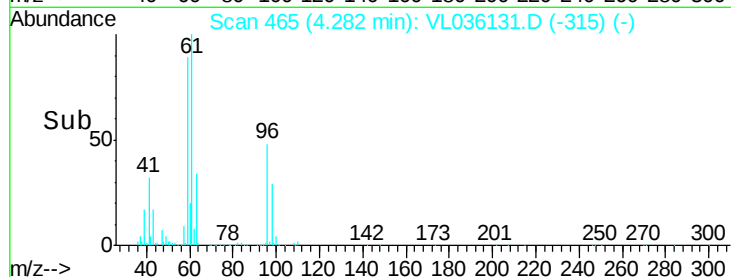
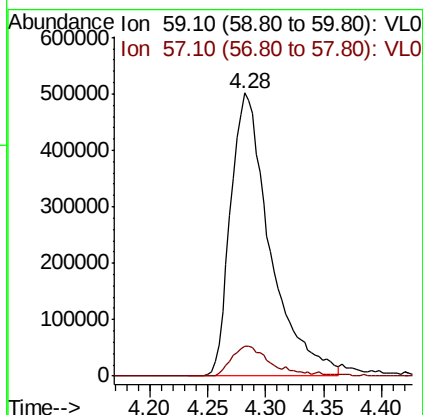
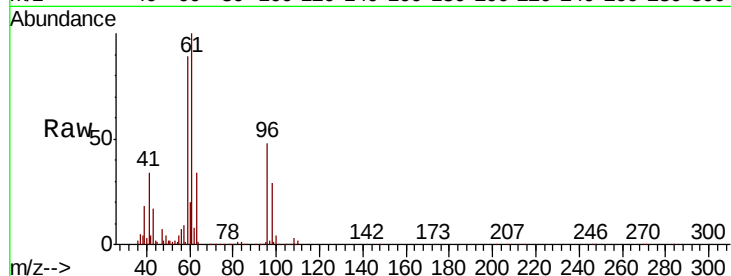




#17

tert-Butyl alcohol
Concen: 7.761 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

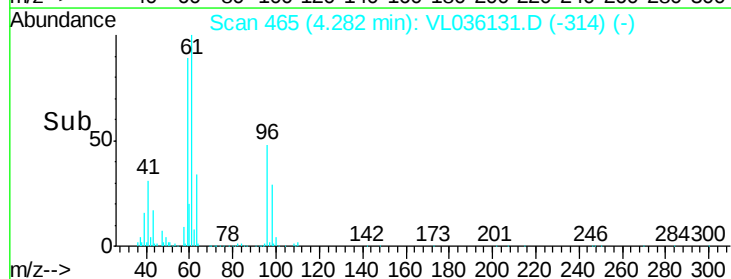
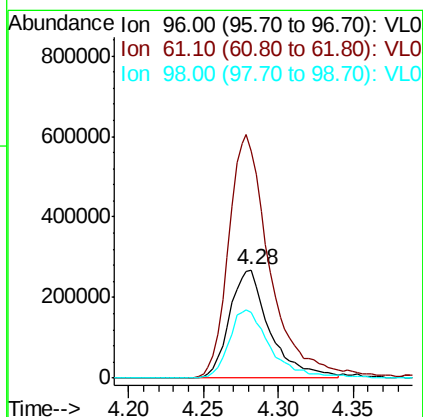
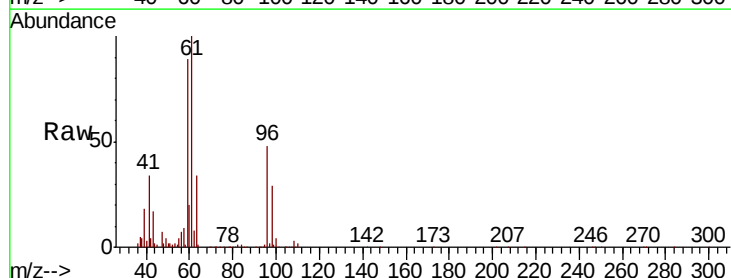
Tot Ion: 59 Resp: 1187155
Ion Ratio Lower Upper
59 100
57 11.4 8.7 13.1

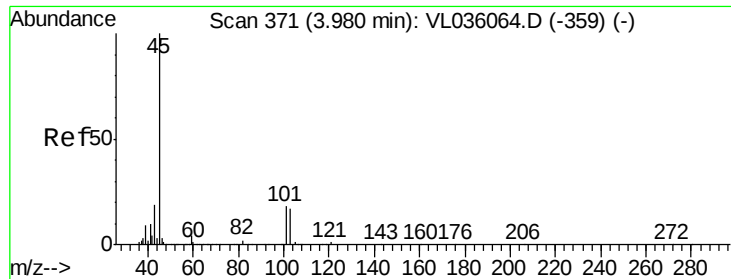


#18

1,1-Dichloroethene
Concen: 9.252 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

Tgt Ion: 96 Resp: 502257
Ion Ratio Lower Upper
96 100
61 209.8 171.4 257.2
98 60.9 54.2 81.2





#19

Isopropyl Alcohol

Concen: 8.220 ppbv

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VL036131.D

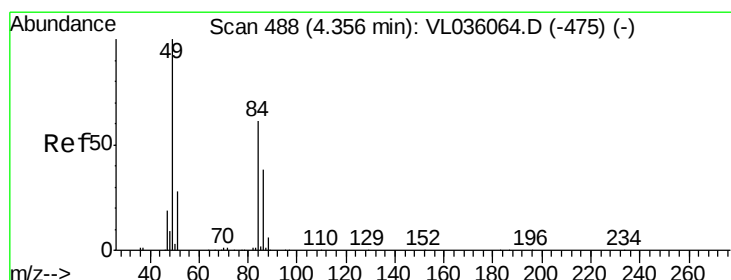
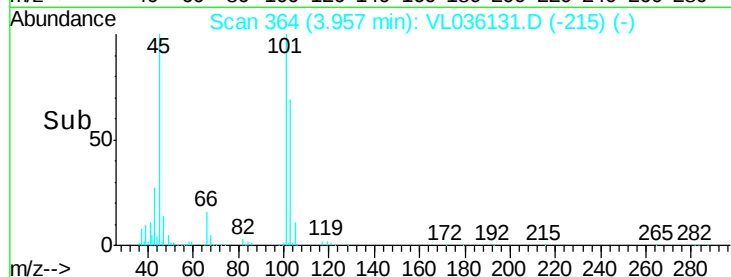
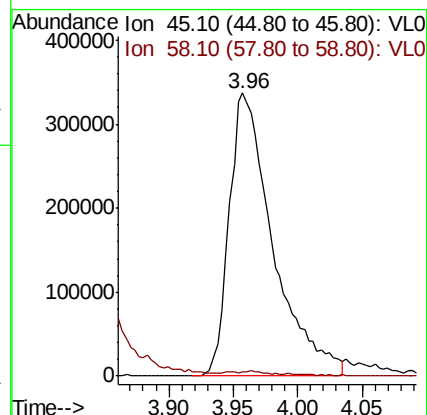
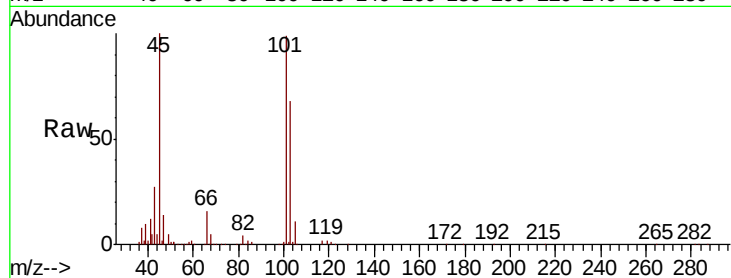
Acq: 10 Dec 2020 13:53

Tot Ion: 45 Resp: 793404

Ion Ratio Lower Upper

45 100

58 2.1 0.0 0.0#



#20

Methylene Chloride

Concen: 7.067 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.02 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

Tgt Ion: 84 Resp: 457342

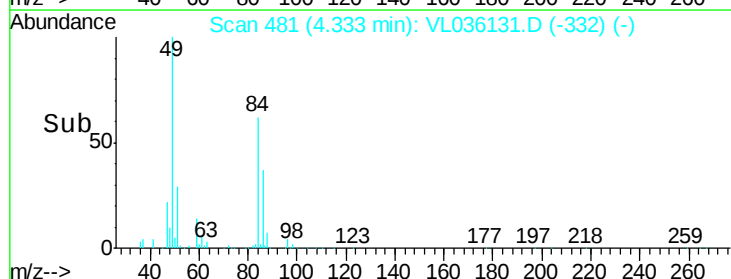
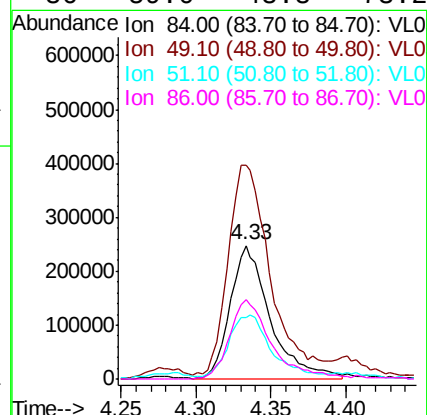
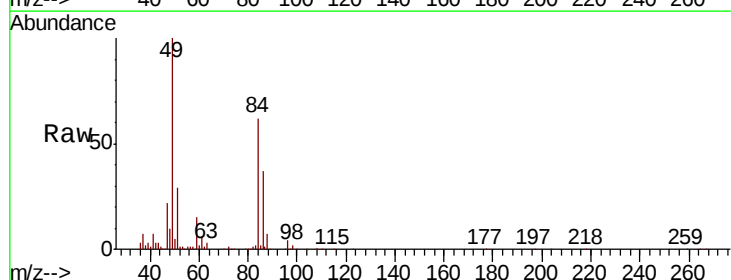
Ion Ratio Lower Upper

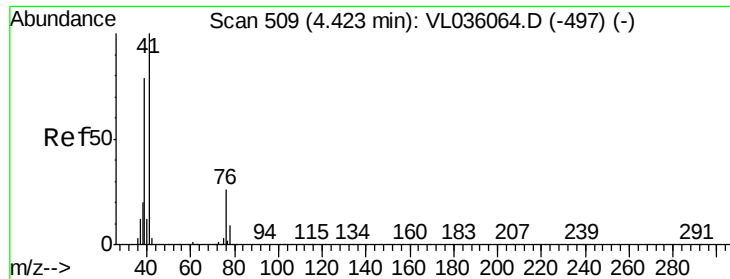
84 100

49 158.1 133.0 199.4

51 43.6 38.9 58.3

86 59.0 48.8 73.2





#21

Allvl Chloride

Concen: 8.903 ppbv

RT: 4.40 min Scan# 502

Delta R.T. -0.02 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

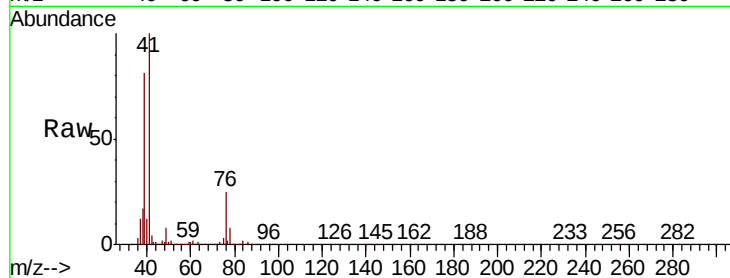
Tot Ion: 41 Resp: 934881

Ion Ratio Lower Upper

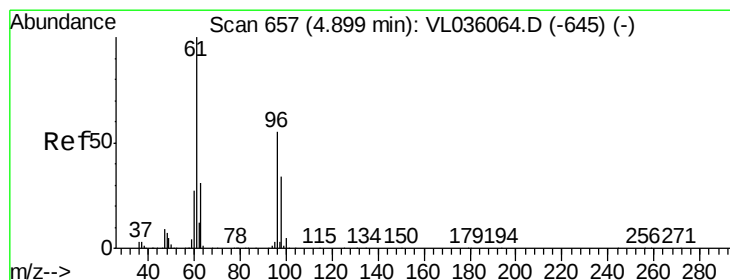
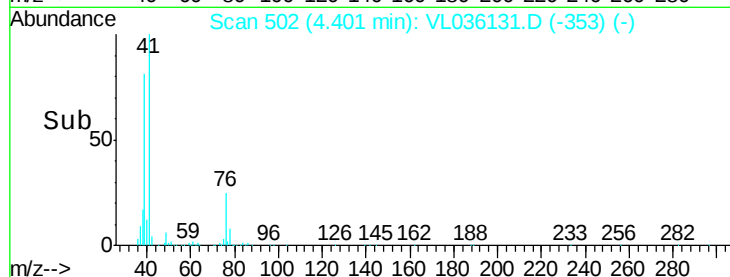
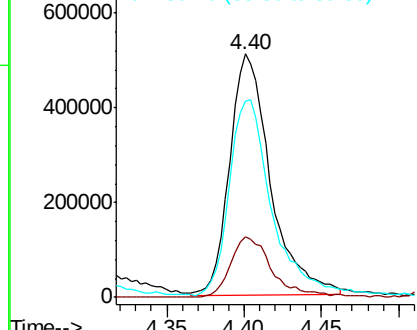
41 100

76 26.0 21.0 31.4

39 85.3 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: 8.928 ppbv

RT: 4.88 min Scan# 650

Delta R.T. -0.02 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

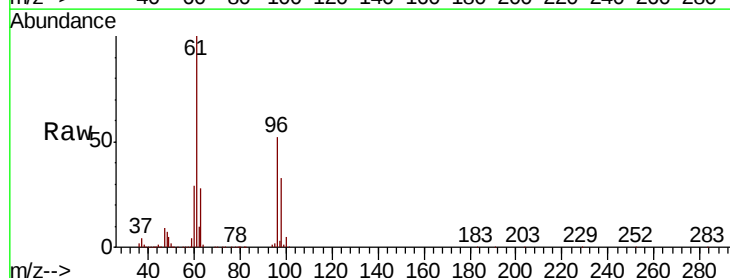
Tgt Ion: 96 Resp: 485272

Ion Ratio Lower Upper

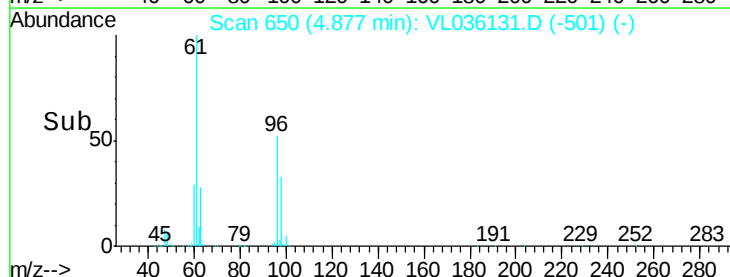
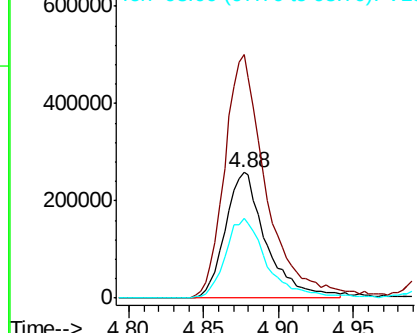
96 100

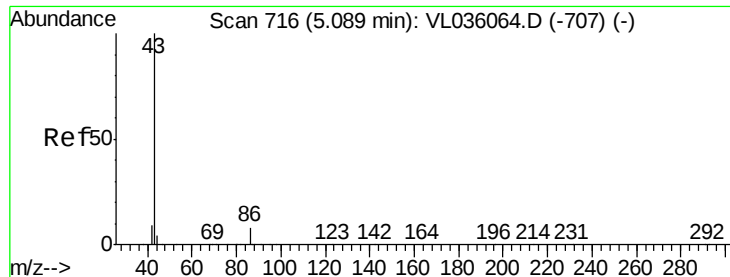
61 193.8 145.7 218.5

98 64.0 49.2 73.8



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





#23

Vinyl Acetate

Concen: 9.460 ppbv

RT: 5.07 min Scan# 709

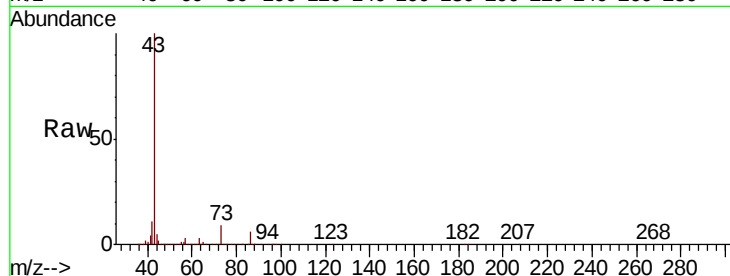
Delta R.T. -0.02 min

Lab File: VL036131.D

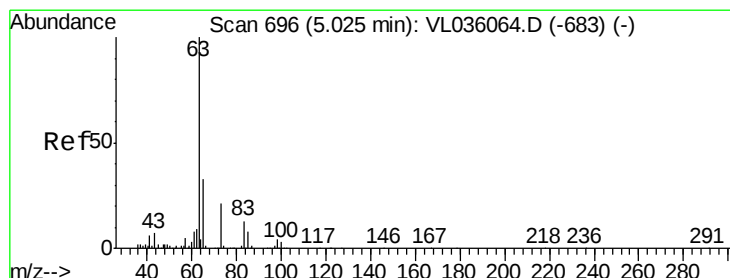
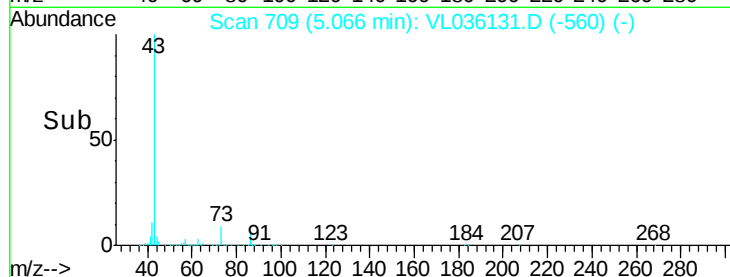
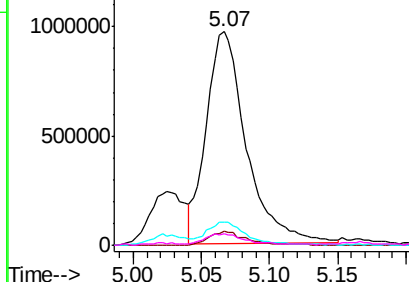
Acq: 10 Dec 2020 13:53

Tot Ion: 43 Resp: 1989146

Ion	Ratio	Lower	Upper
43	100		
86	6.5	5.0	7.4
42	10.9	7.8	11.6
44	4.8	3.2	4.8



Abundance Ion 43.10 (42.80 to 43.80): VL0
 1500000 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.213 ppbv

RT: 5.00 min Scan# 689

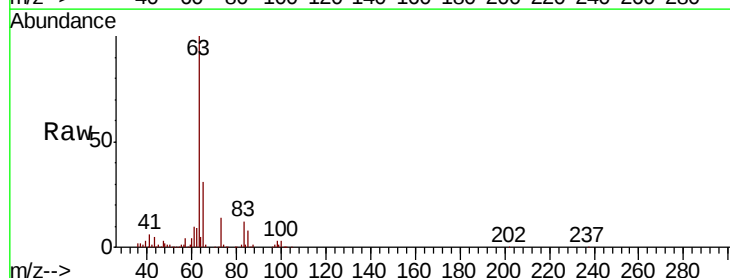
Delta R.T. -0.02 min

Lab File: VL036131.D

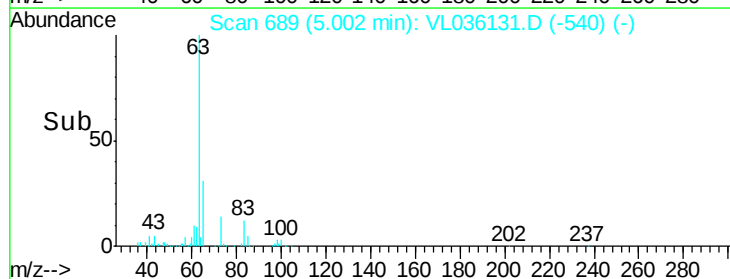
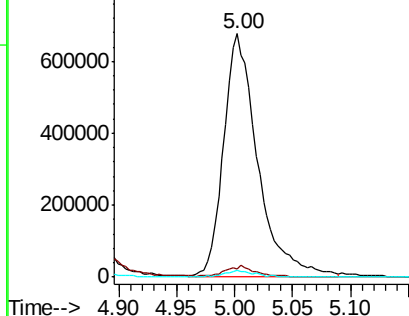
Acq: 10 Dec 2020 13:53

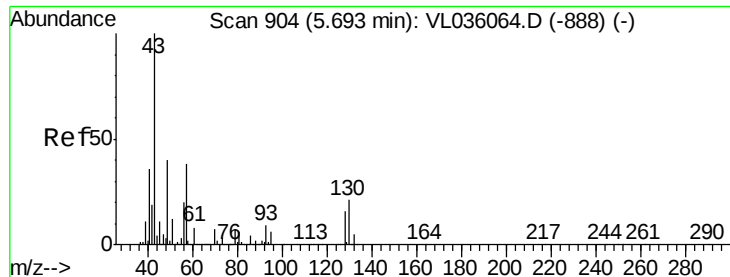
Tgt Ion: 63 Resp: 1362415

Ion	Ratio	Lower	Upper
63	100		
98	3.2	2.2	6.6
100	2.6	1.5	4.4



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0
 Ion 100.00 (99.70 to 100.70): VL0

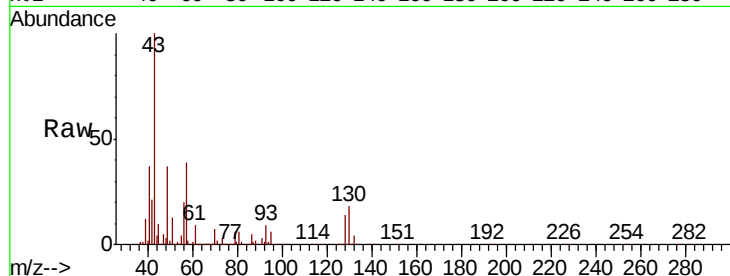




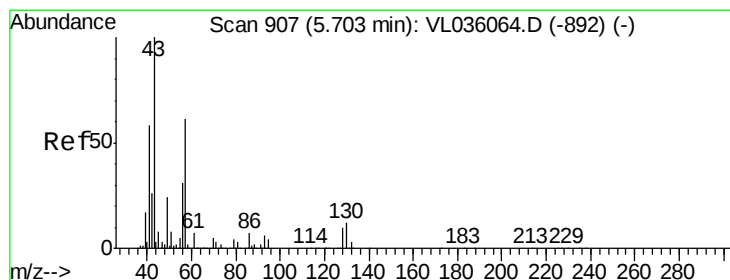
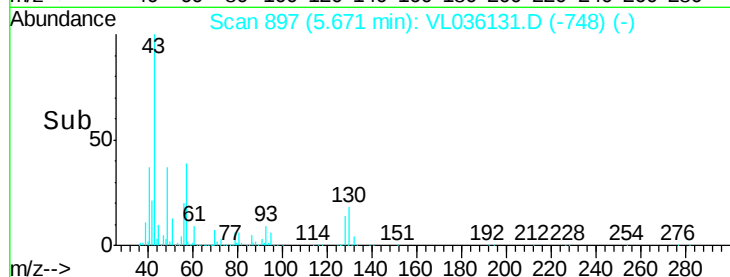
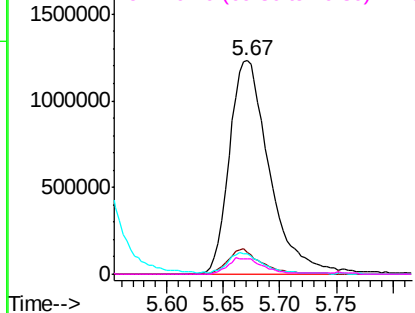
#25
Ethyl Acetate
Concen: 9.518 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

Tot Ion: 43 Resp: 3003007

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	9.2	7.4	11.2
70	6.7	5.4	8.0



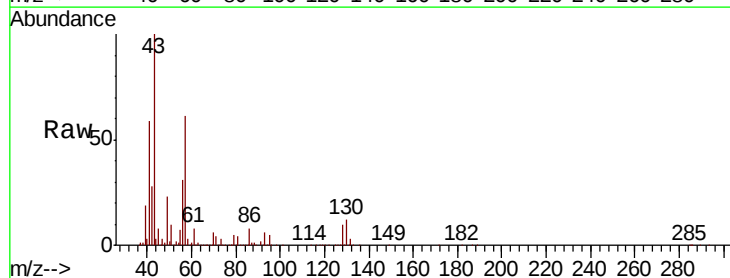
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0



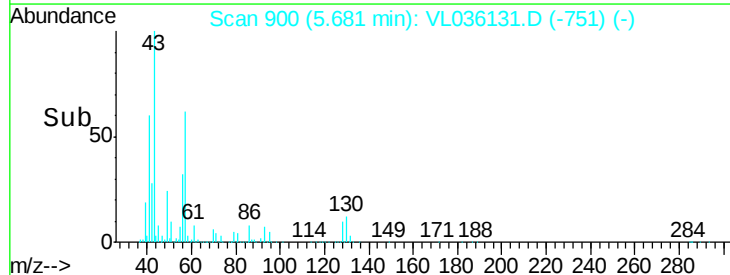
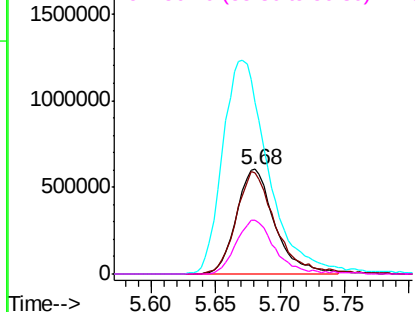
#26
Hexane
Concen: 8.825 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.02 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

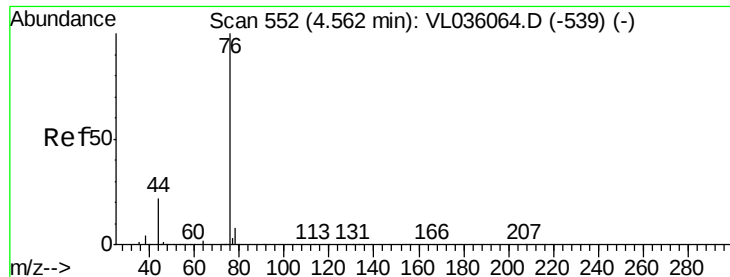
Tgt Ion: 57 Resp: 1253106

Ion	Ratio	Lower	Upper
57	100		
41	102.0	82.9	124.3
43	244.2	199.9	299.9
56	53.1	43.1	64.7



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 9.149 ppbv

RT: 4.54 min Scan# 545

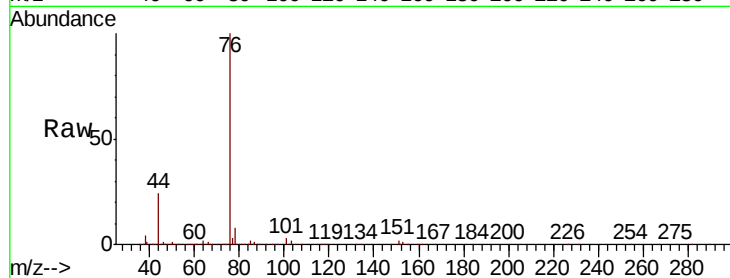
Delta R.T. -0.02 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

Tot Ion: 76 Resp: 1291074

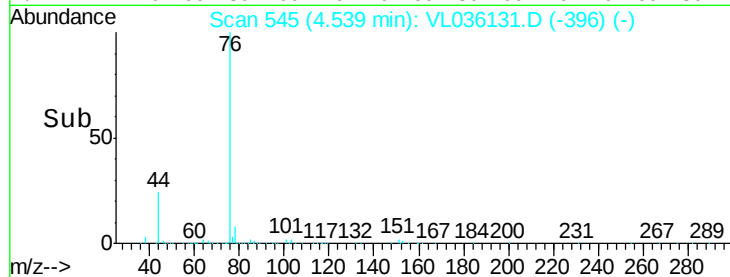
Ion	Ratio	Lower	Upper
76	100		
44	23.7	17.9	26.9
78	9.7	7.8	11.8



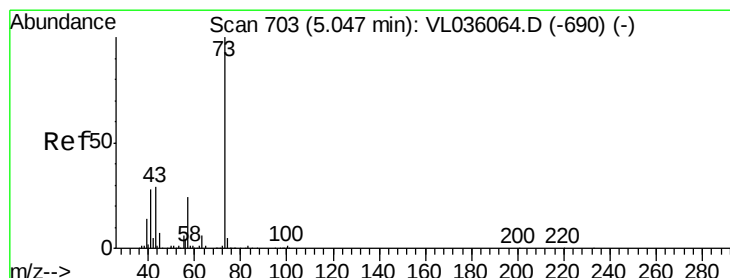
Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



Time-->



#28

Methyl tert-Butyl Ether

Concen: 8.853 ppbv

RT: 5.02 min Scan# 696

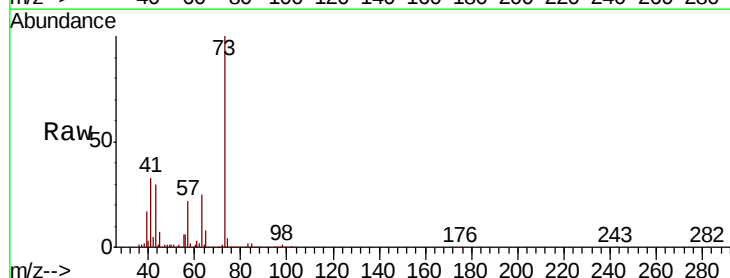
Delta R.T. -0.02 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

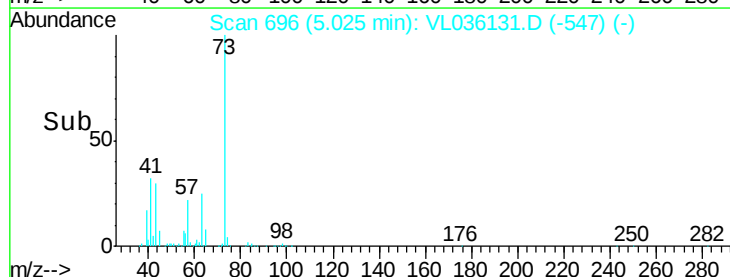
Tgt Ion: 73 Resp: 1787131

Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.2	28.8

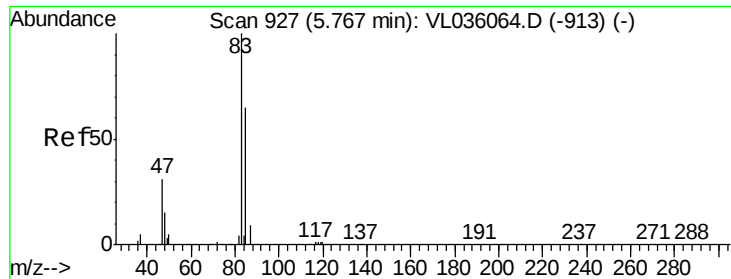


Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



Time-->



#29

Chloroform

Concen: 10.099 ppbv

RT: 5.74 min Scan# 920

Delta R.T. -0.02 min

Lab File: VL036131.D

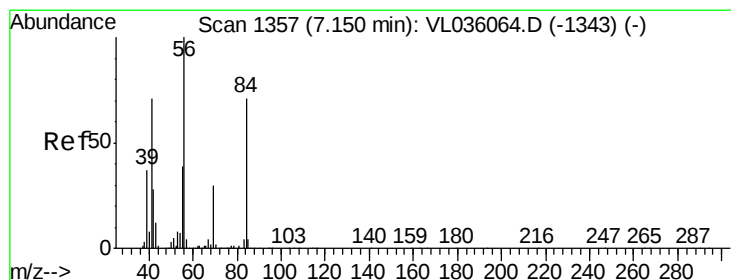
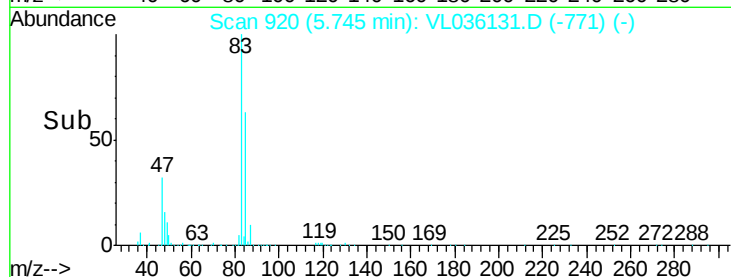
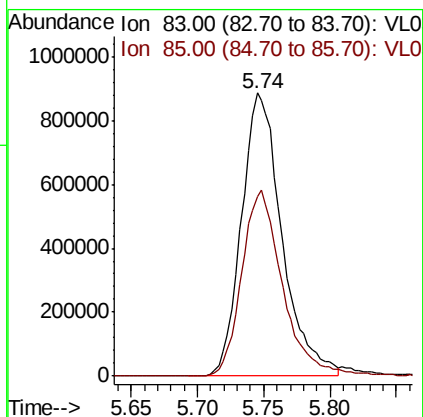
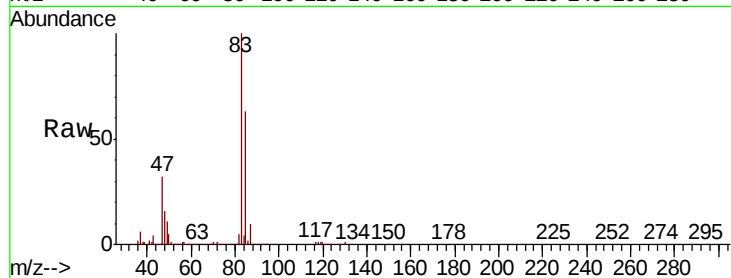
Acq: 10 Dec 2020 13:53

Tot Ion: 83 Resp: 1883121

Ion Ratio Lower Upper

83 100

85 63.1 51.8 77.6



#30

Cyclohexane

Concen: 9.430 ppbv

RT: 7.12 min Scan# 1348

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

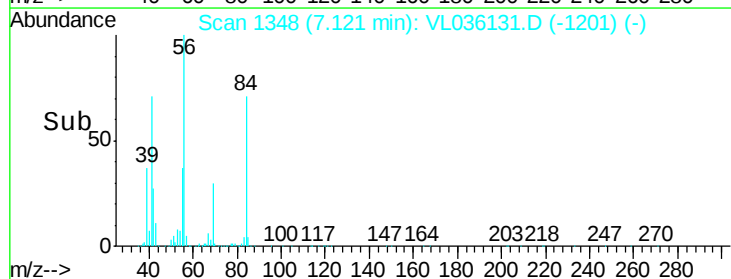
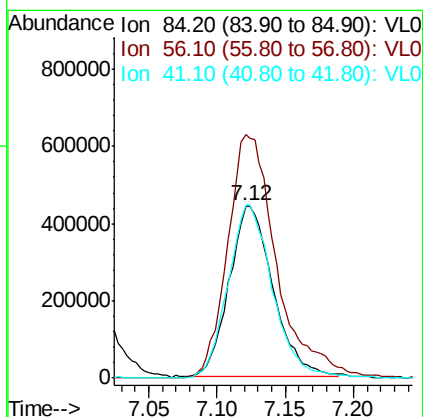
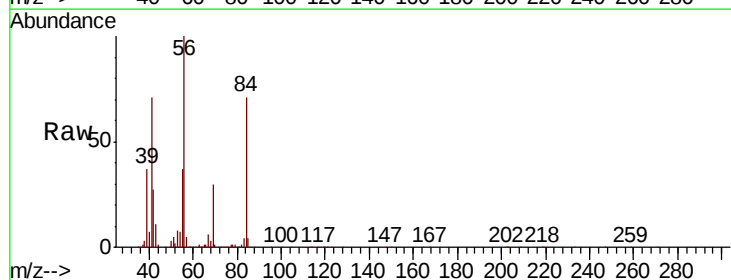
Tgt Ion: 84 Resp: 983583

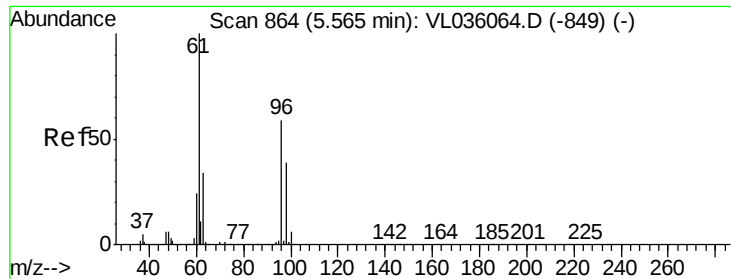
Ion Ratio Lower Upper

84 100

56 160.7 128.0 192.0

41 104.7 81.3 121.9

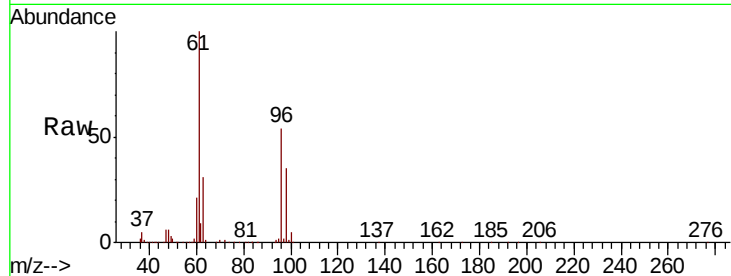




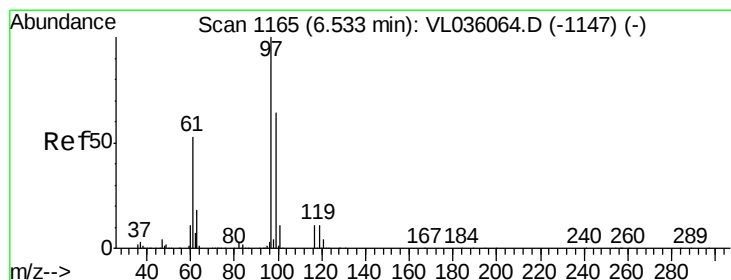
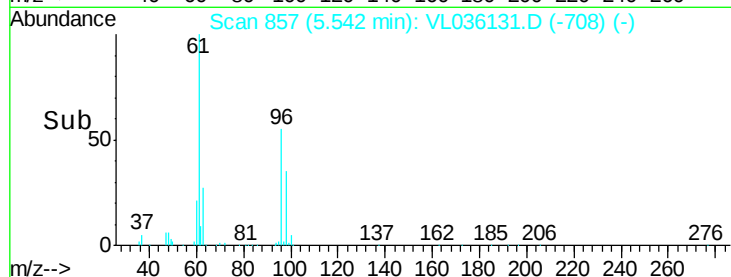
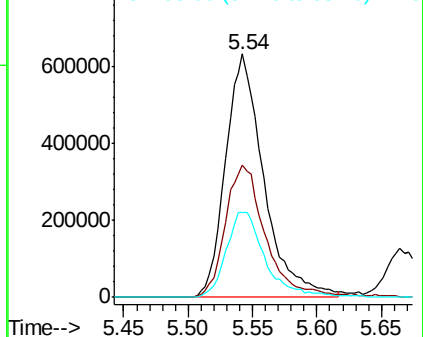
#31

cis-1,2-Dichloroethene
 Concen: 10.078 ppbv
 RT: 5.54 min Scan# 857
 Delta R.T. -0.02 min
 Lab File: VL036131.D
 Acq: 10 Dec 2020 13:53

Tot Ion: 61 Resp: 1300813
 Ion Ratio Lower Upper
 61 100
 96 54.3 47.3 70.9
 98 35.1 31.4 47.0



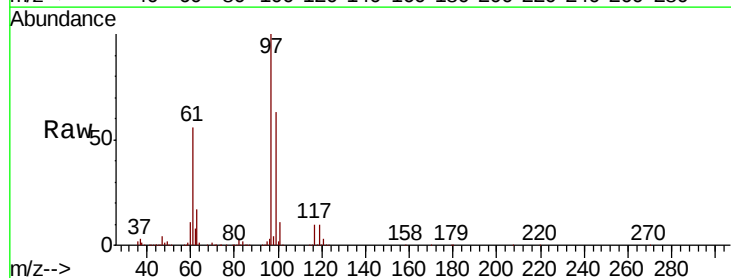
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



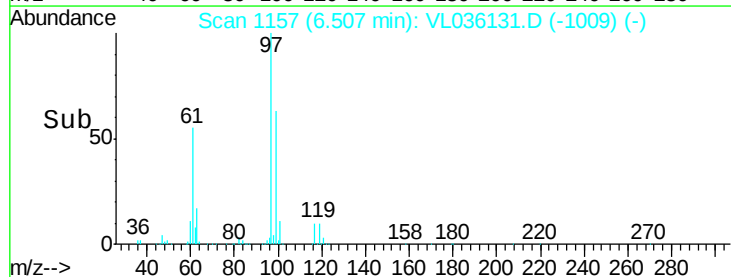
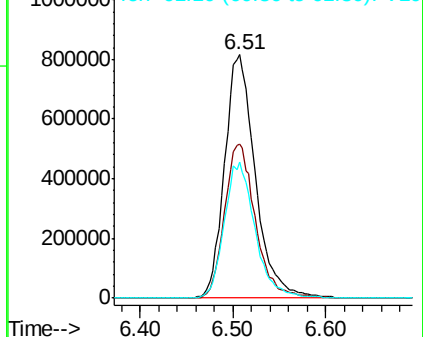
#32

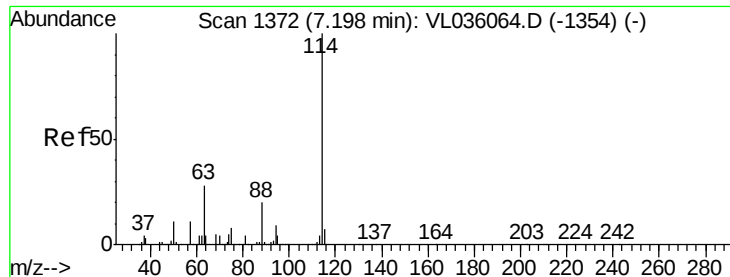
1,1,1-Trichloroethane
 Concen: 9.769 ppbv
 RT: 6.51 min Scan# 1157
 Delta R.T. -0.03 min
 Lab File: VL036131.D
 Acq: 10 Dec 2020 13:53

Tgt Ion: 97 Resp: 1879688
 Ion Ratio Lower Upper
 97 100
 99 63.6 52.4 78.6
 61 56.0 43.4 65.0



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

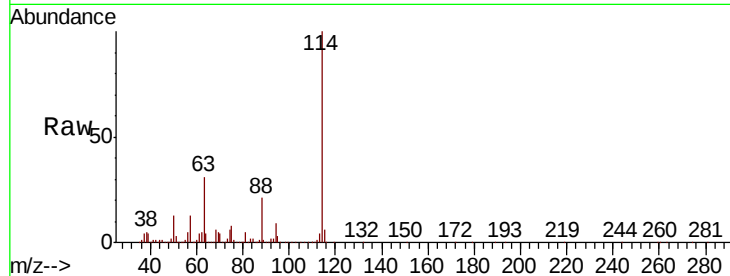




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.03 min
 Lab File: VL036131.D
 Acq: 10 Dec 2020 13:53

Tot Ion:114 Resp: 2744638

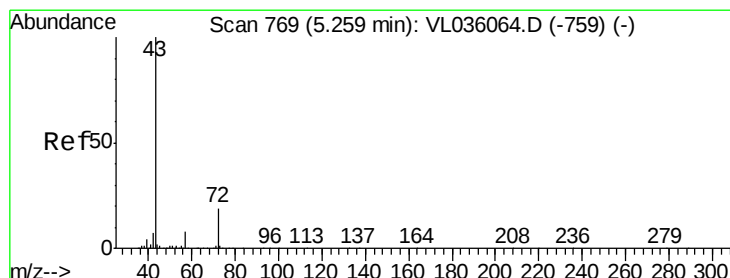
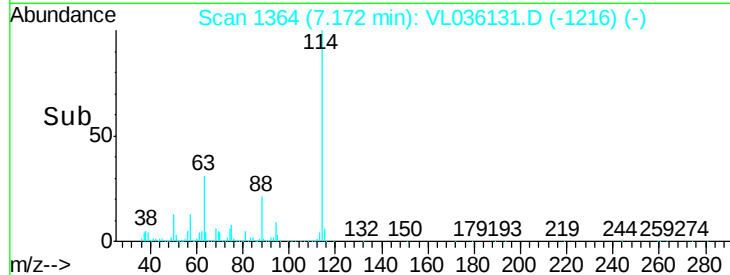
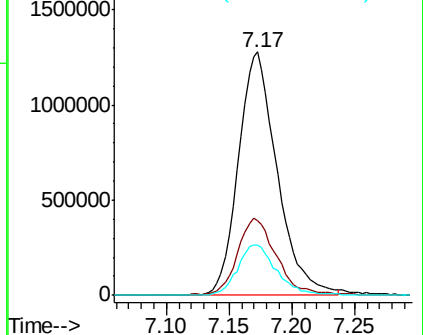
Ion	Ratio	Lower	Upper
114	100		
63	32.2	23.6	35.4
88	21.1	15.8	23.6



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

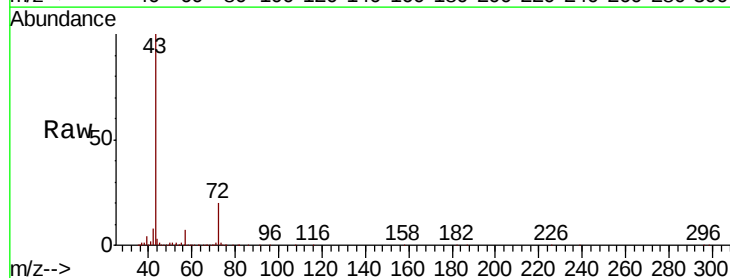
Ion 88.10 (87.80 to 88.80): VL0



#34
 2-Butanone
 Concen: 10.213 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: VL036131.D
 Acq: 10 Dec 2020 13:53

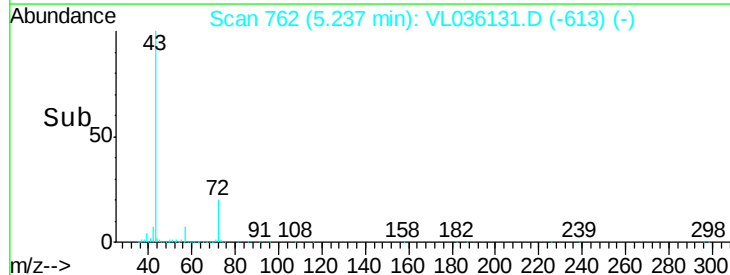
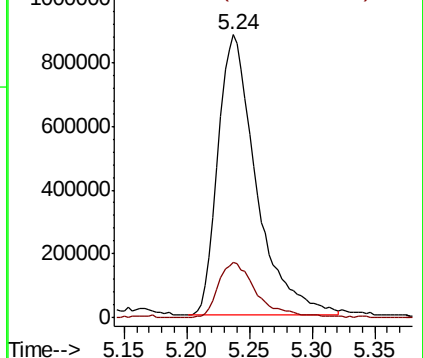
Tgt Ion: 43 Resp: 1859343

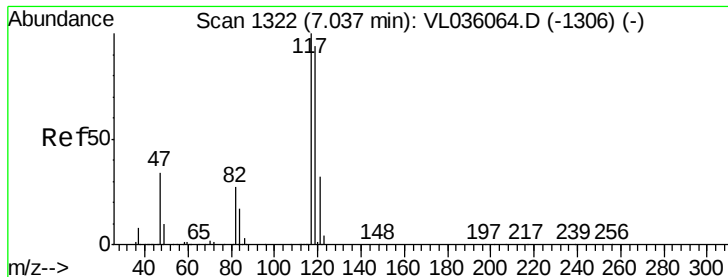
Ion	Ratio	Lower	Upper
43	100		
72	20.6	16.5	24.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 11.114 ppbv

RT: 7.01 min Scan# 1314

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

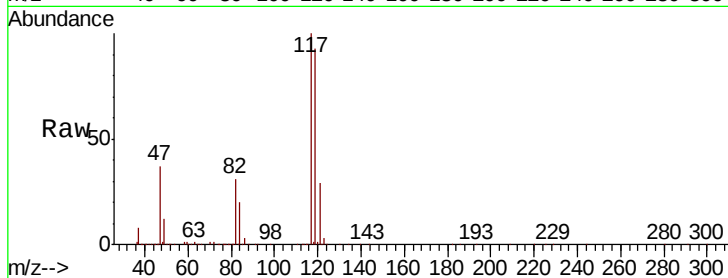
Tot Ion:117 Resp: 1778781

Ion Ratio Lower Upper

117 100

119 92.6 75.1 112.7

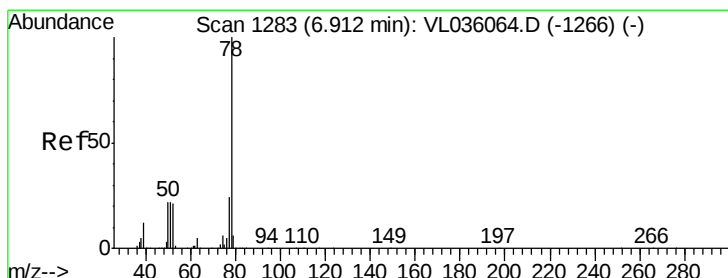
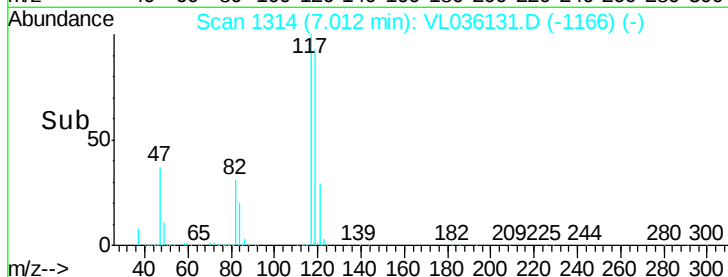
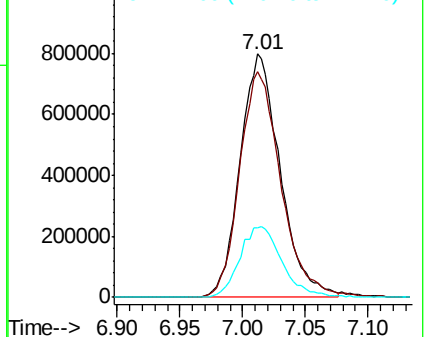
121 28.7 25.6 38.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 10.775 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

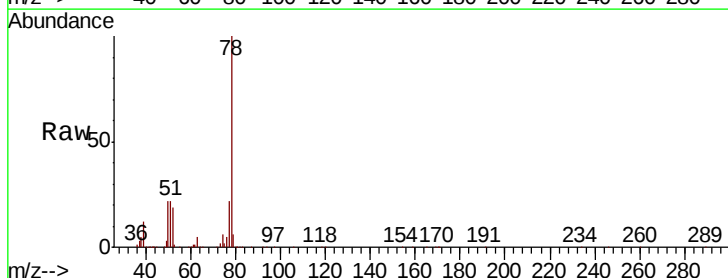
Tgt Ion: 78 Resp: 2506209

Ion Ratio Lower Upper

78 100

77 21.5 19.4 29.2

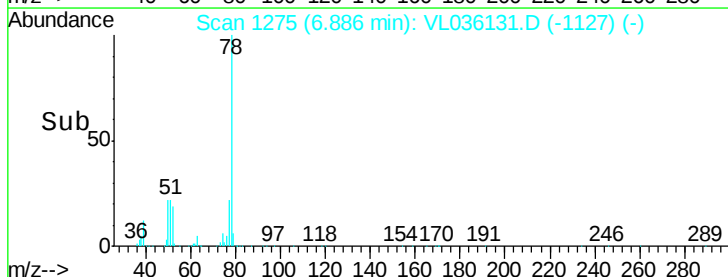
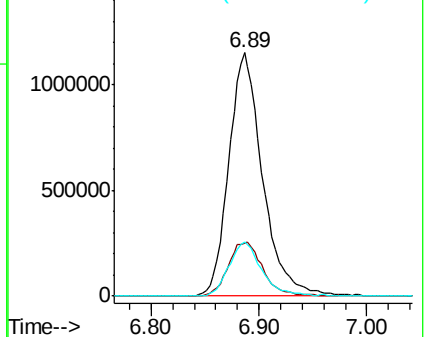
50 22.4 17.8 26.8

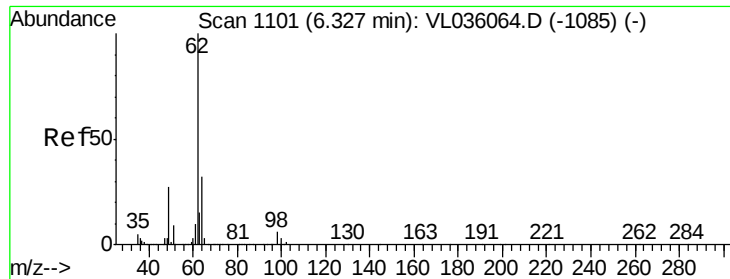


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 11.809 ppbv

RT: 6.30 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VL036131.D

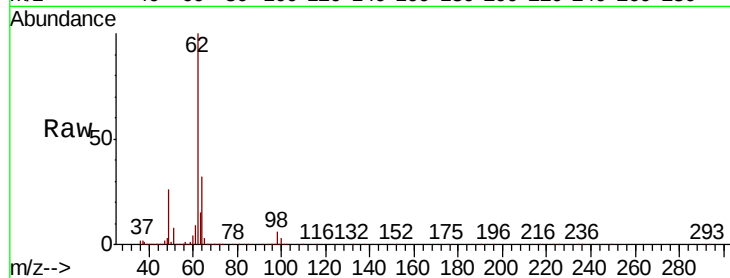
Acq: 10 Dec 2020 13:53

Tot Ion: 62 Resp: 1591615

Ion Ratio Lower Upper

62 100

98 5.4 4.6 7.0



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

6.30

800000

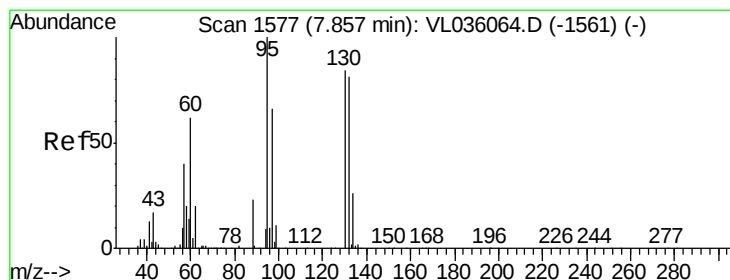
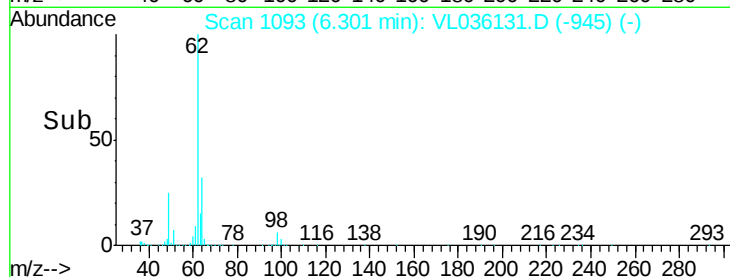
600000

400000

200000

0

Time--> 6.20 6.25 6.30 6.35 6.40



#38

Trichloroethene

Concen: 8.940 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

Tgt Ion: 130 Resp: 777359

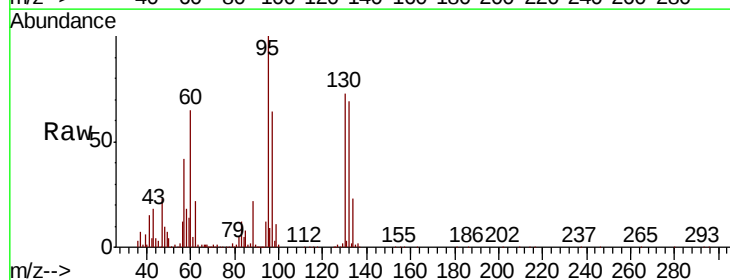
Ion Ratio Lower Upper

130 100

95 137.9 95.2 142.8

132 95.7 76.9 115.3

97 87.8 62.3 93.5



Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

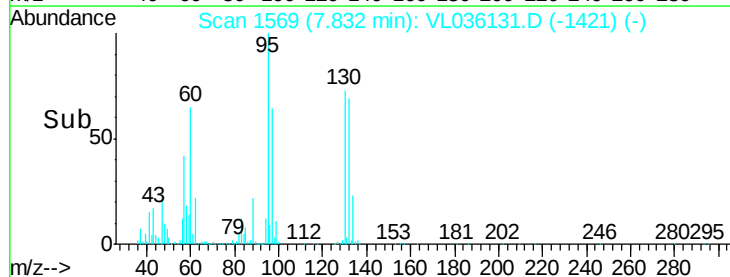
600000

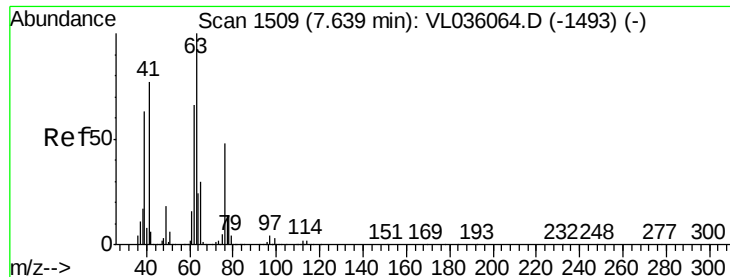
400000

200000

0

Time--> 7.70 7.75 7.80 7.85 7.90





#39

1,2-Dichloropropane

Concen: 10.905 ppbv

RT: 7.61 min Scan# 1500

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

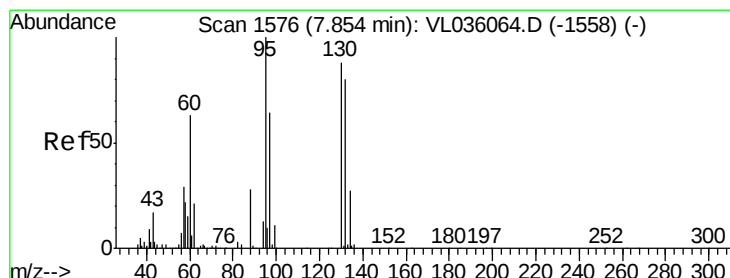
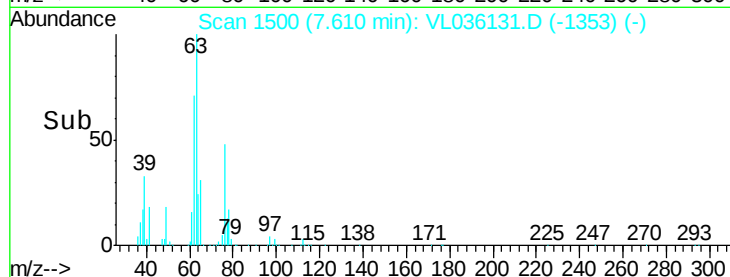
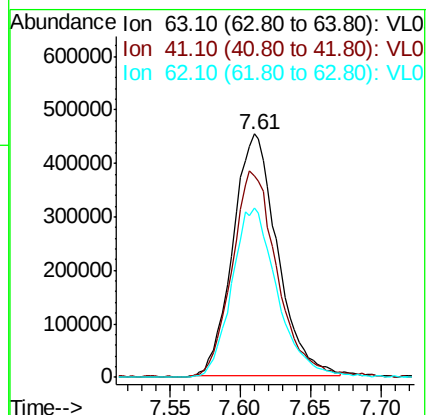
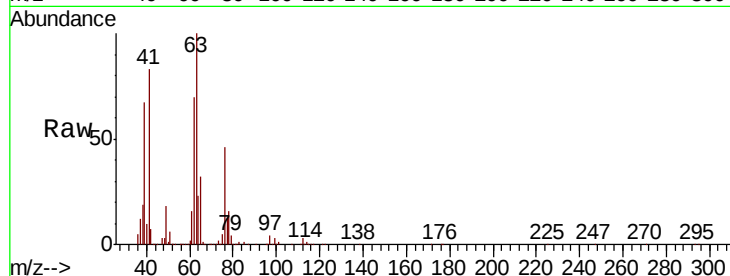
Tot Ion: 63 Resp: 1001755

Ion Ratio Lower Upper

63 100

41 82.9 61.9 92.9

62 69.6 52.5 78.7



#40

1,4-Dioxane

Concen: 10.126 ppbv m

RT: 7.83 min Scan# 1567

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

Tgt Ion: 88 Resp: 292560

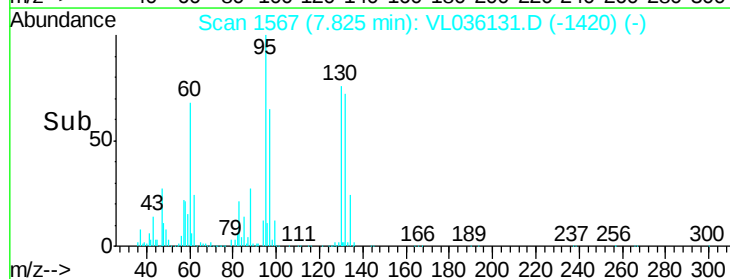
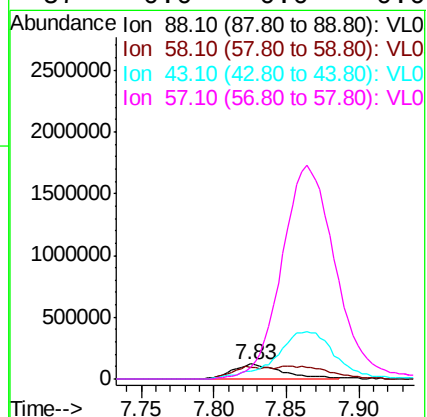
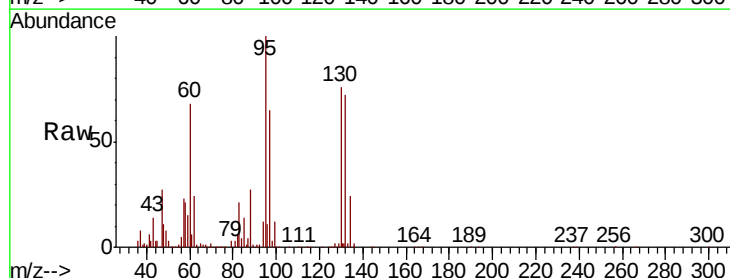
Ion Ratio Lower Upper

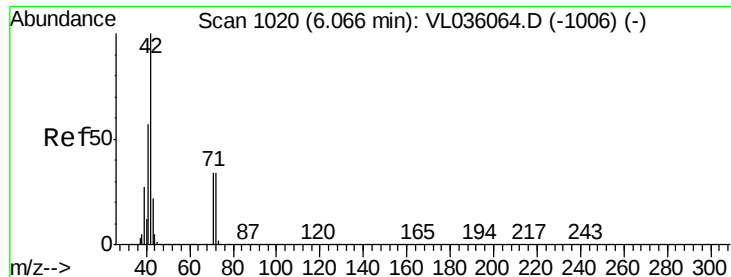
88 100

58 0.0 122.6 184.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.660 ppbv

RT: 6.04 min Scan# 1013

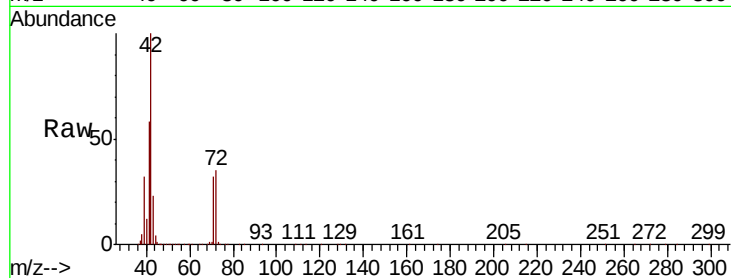
Delta R.T. -0.02 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

Tot Ion: 42 Resp: 1152908

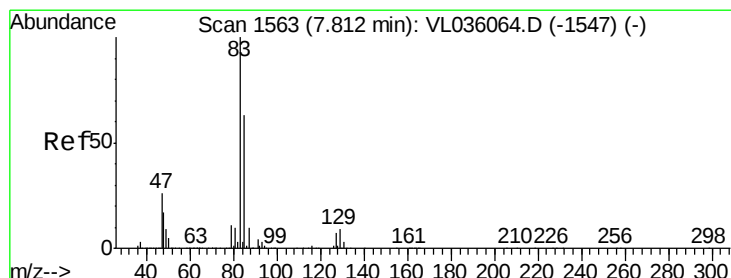
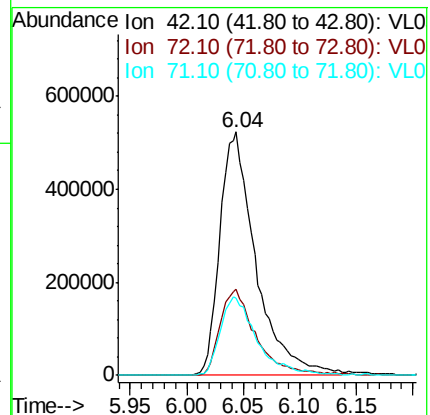
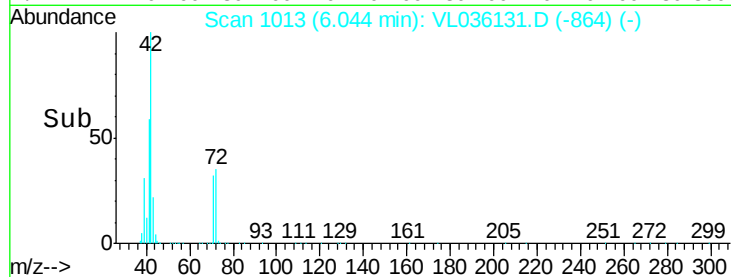
Ion	Ratio	Lower	Upper
42	100		
72	36.1	28.3	42.5
71	33.3	27.3	40.9



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: 11.490 ppbv

RT: 7.79 min Scan# 1555

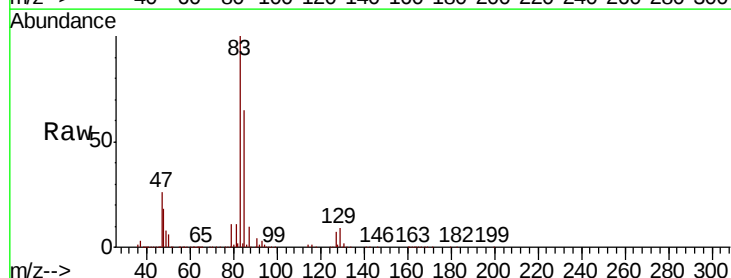
Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

Tgt Ion: 83 Resp: 2063672

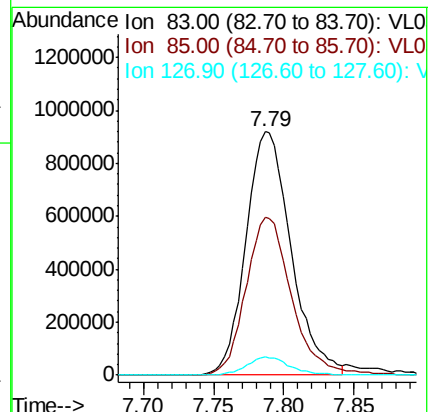
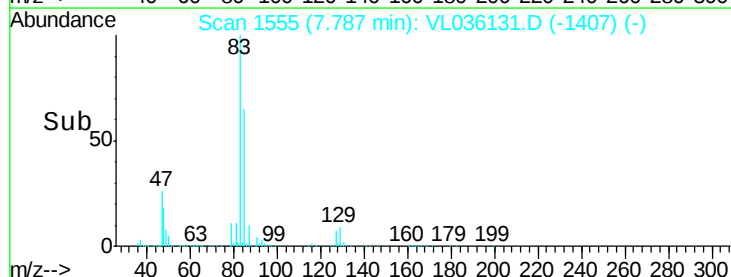
Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.2	75.2
127	7.3	5.5	8.3

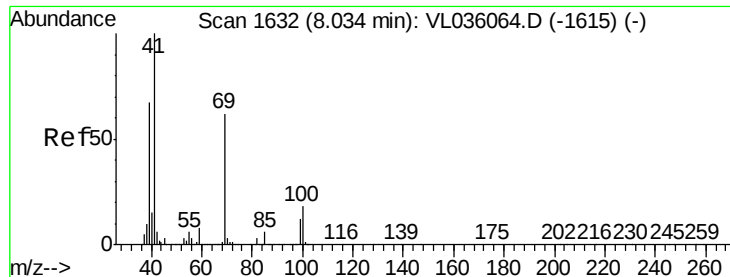


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): VL0





#43

Methvl Methacrvalate

Concen: 11.186 ppbv

RT: 8.01 min Scan# 1625

Delta R.T. -0.02 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

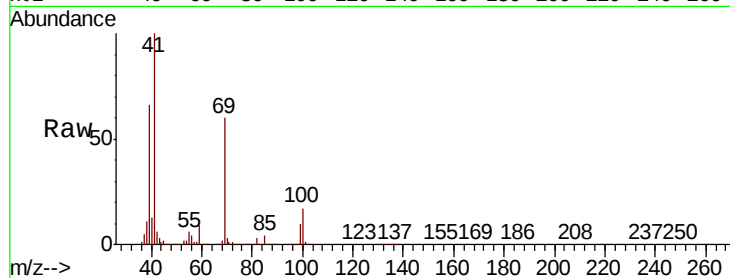
Tot Ion: 69 Resp: 1116178

Ion Ratio Lower Upper

69 100

41 169.2 133.0 199.6

100 28.9 25.4 38.0

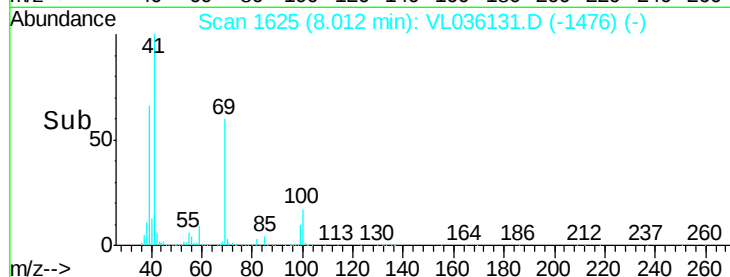


Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0

Time-->

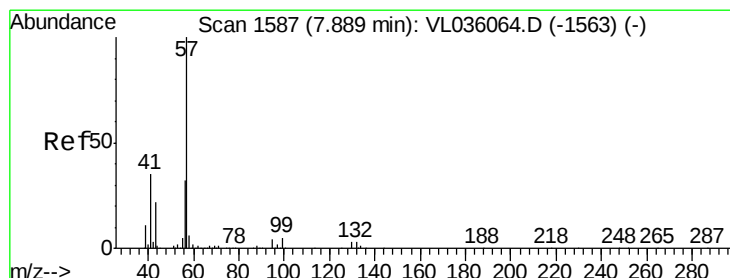


Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0

Time-->



#44

2,2,4-Trimethylpentane

Concen: 10.675 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

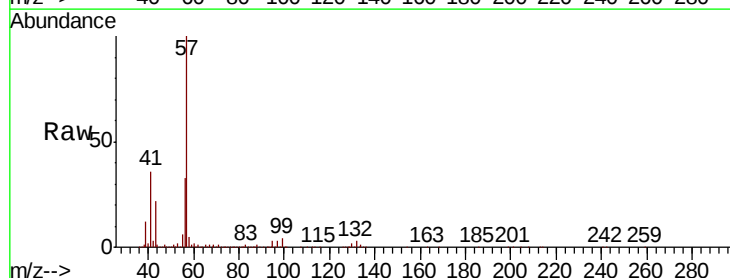
Tgt Ion: 57 Resp: 4496833

Ion Ratio Lower Upper

57 100

41 36.2 28.9 43.3

56 31.1 25.3 37.9

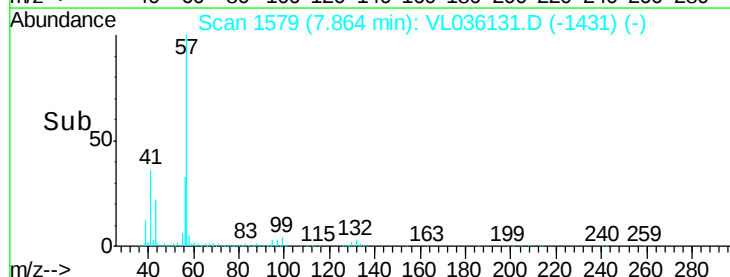


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

Time-->

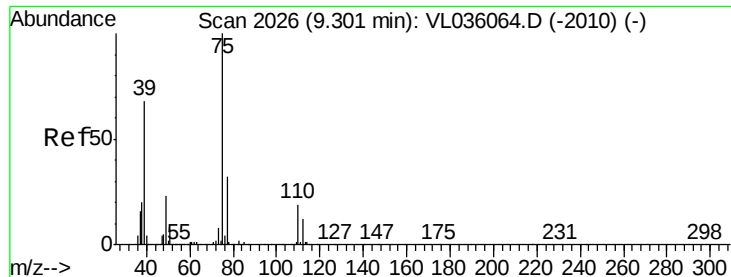


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

Time-->



#45

t-1,3-Dichloropropene

Concen: 11.390 ppbv

RT: 9.28 min Scan# 2018

Delta R.T. -0.03 min

Lab File: VL036131.D

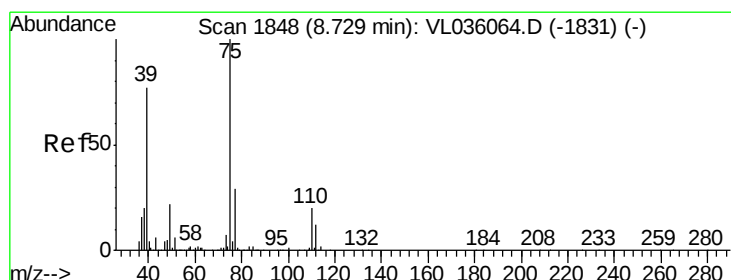
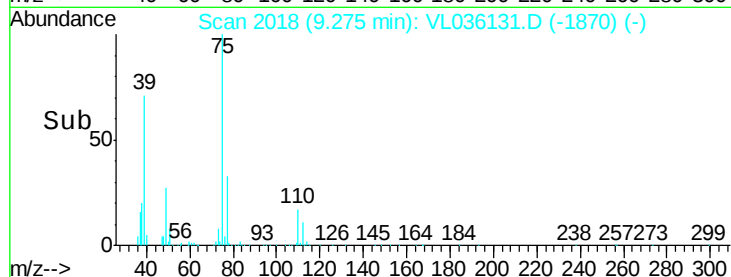
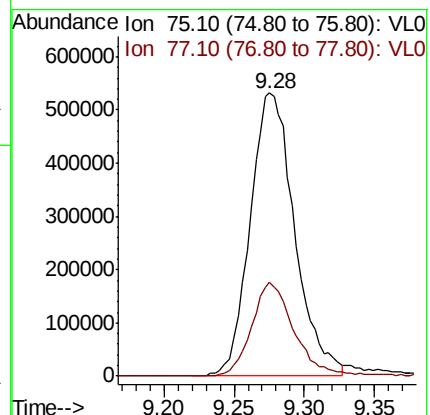
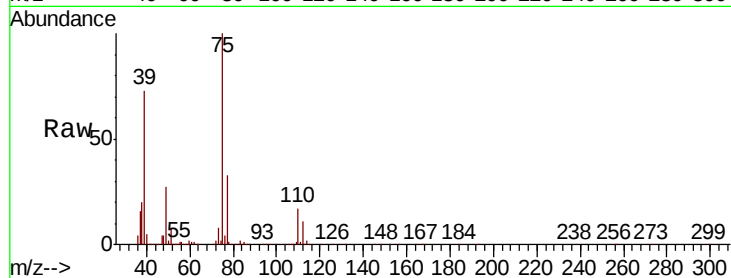
Acq: 10 Dec 2020 13:53

Tot Ion: 75 Resp: 1167668

Ion Ratio Lower Upper

75 100

77 33.1 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 11.095 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

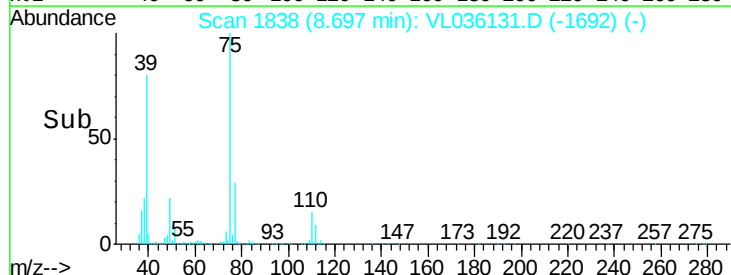
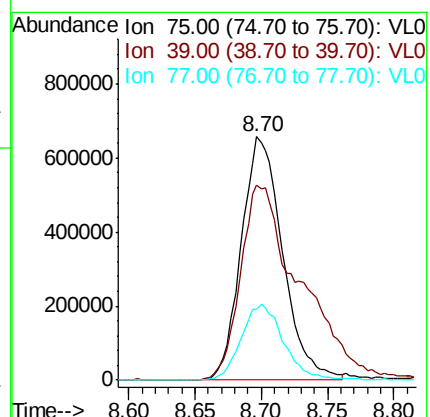
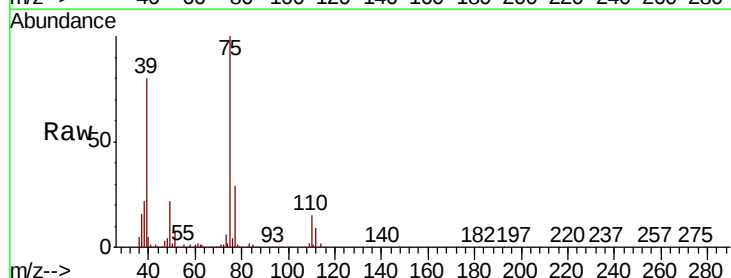
Tgt Ion: 75 Resp: 1425678

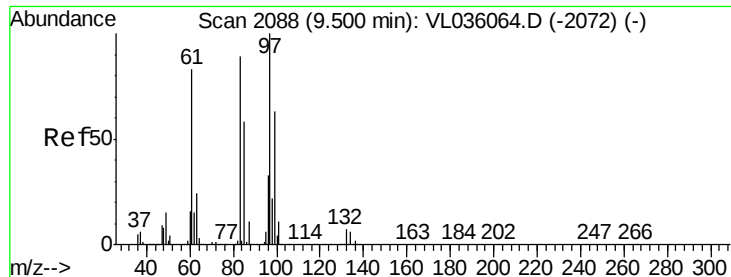
Ion Ratio Lower Upper

75 100

39 79.9 61.6 92.4

77 28.9 23.0 34.6





#47

1,1,2-Trichloroethane

Concen: 10.649 ppbv

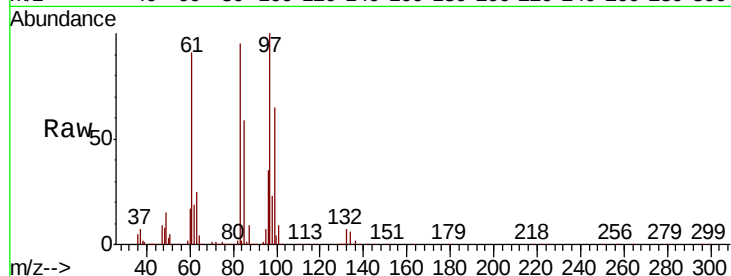
RT: 9.47 min Scan# 2079

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

Tot Ion:	97	Resp:	941047
Ion	Ratio	Lower	Upper
97	100		
83	95.4	71.4	107.2
85	58.6	46.6	70.0
99	65.5	50.7	76.1

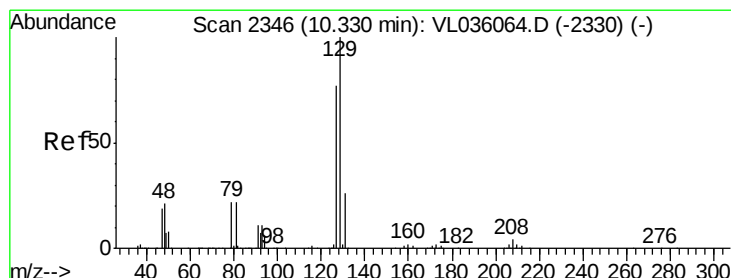
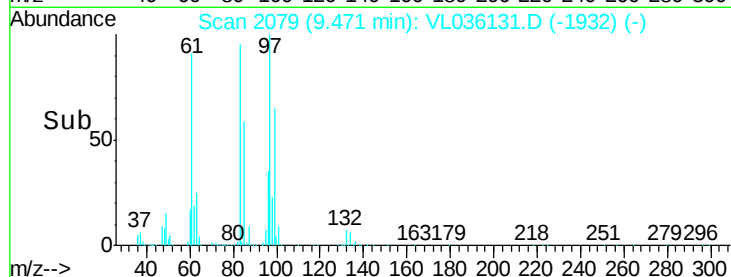
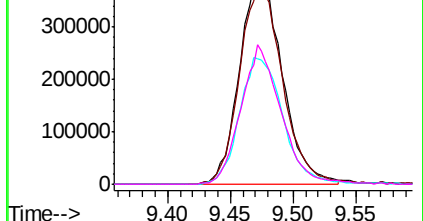


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 10.882 ppbv

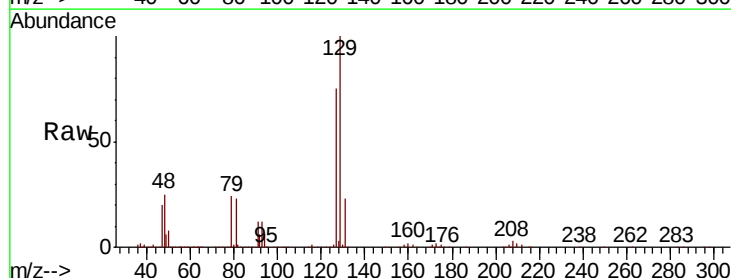
RT: 10.30 min Scan# 2338

Delta R.T. -0.03 min

Lab File: VL036131.D

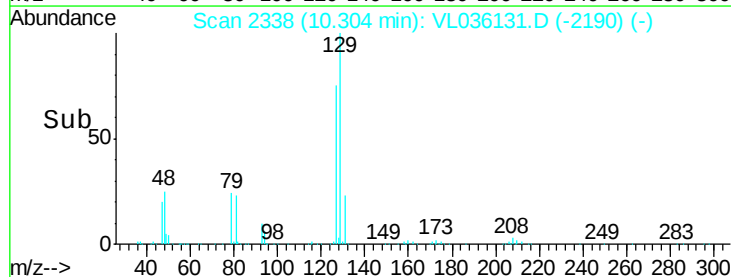
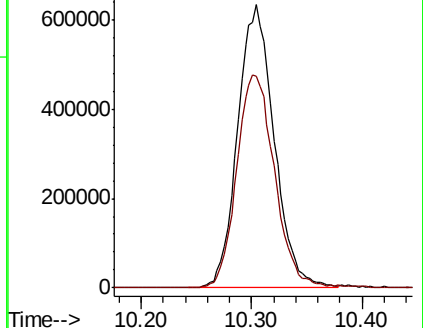
Acq: 10 Dec 2020 13:53

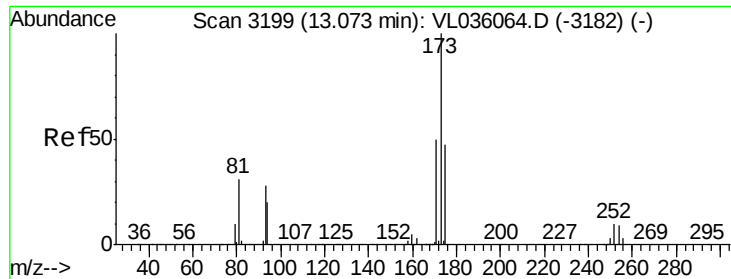
Tgt Ion:	129	Resp:	1452233
Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.0	117.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.695 ppbv

RT: 13.04 min Scan# 3189

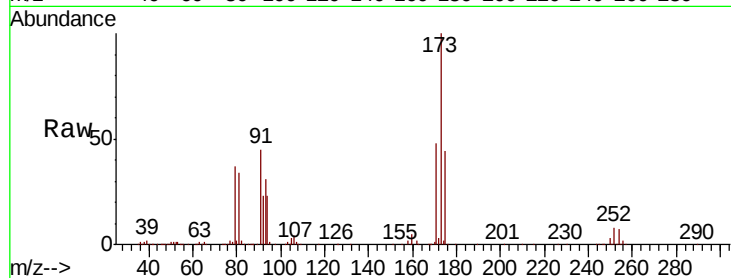
Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

Tot Ion:173 Resp: 1123405

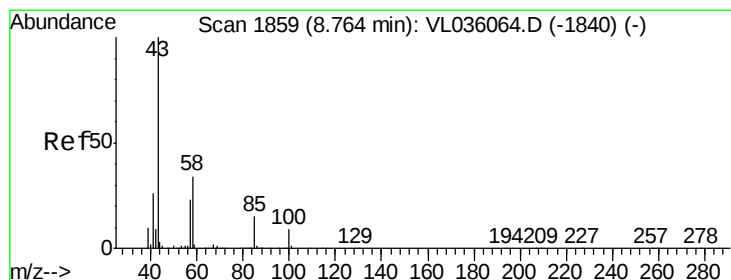
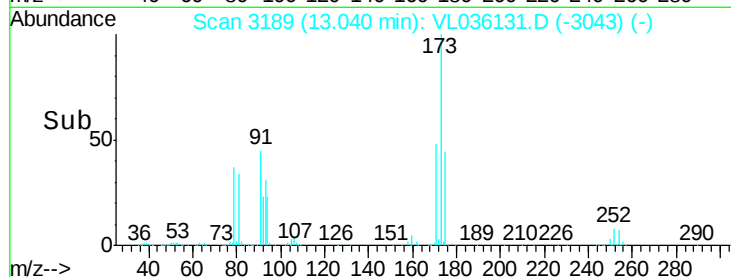
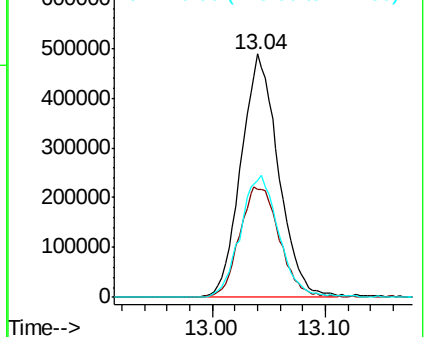
Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.8	59.6
171	51.7	42.5	63.7



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: 10.960 ppbv

RT: 8.74 min Scan# 1851

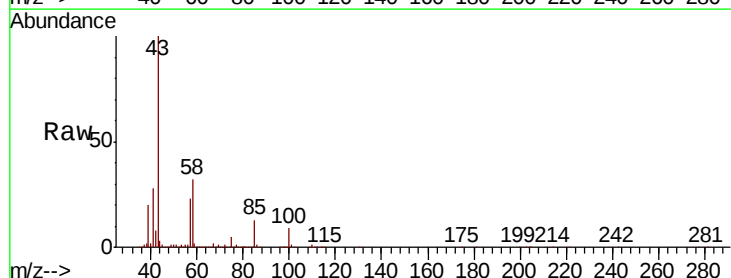
Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

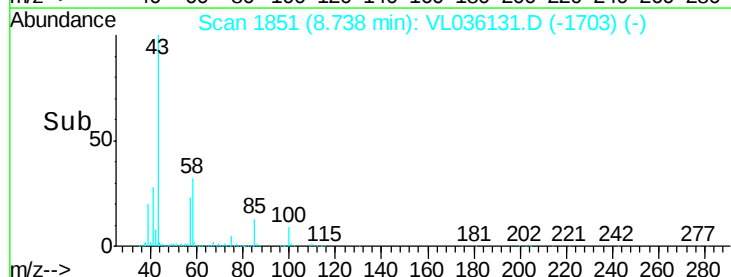
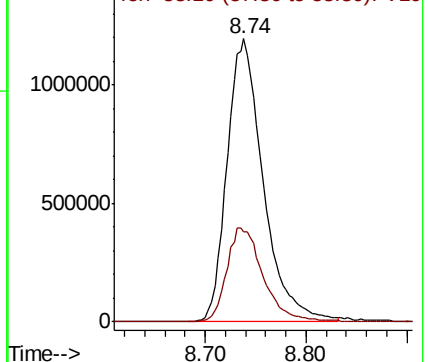
Tgt Ion: 43 Resp: 2975822

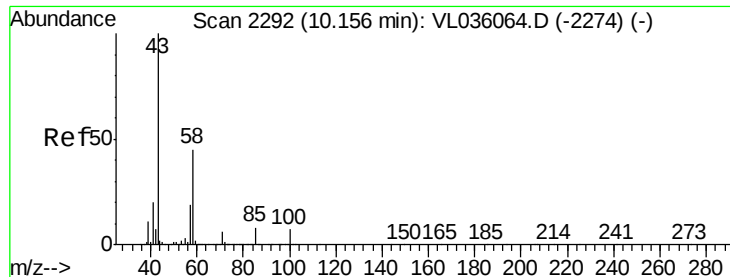
Ion	Ratio	Lower	Upper
43	100		
58	33.6	27.4	41.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

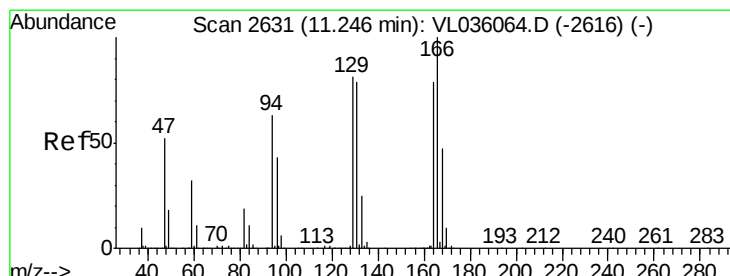
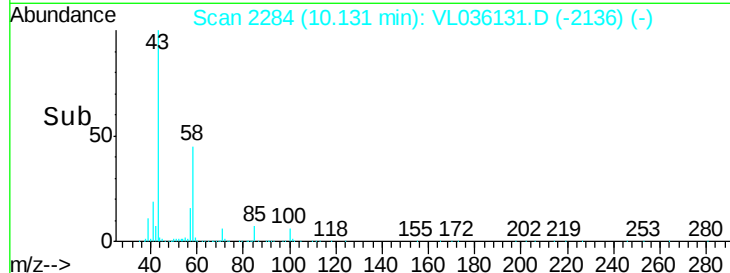
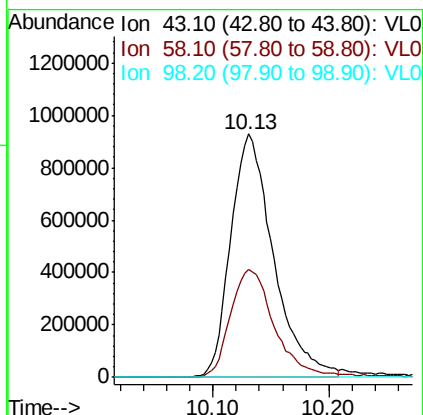
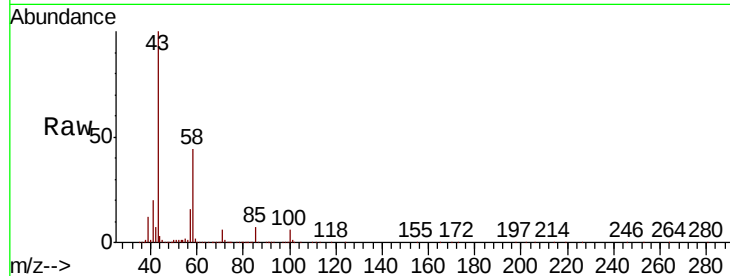
Ion 58.10 (57.80 to 58.80): VL0





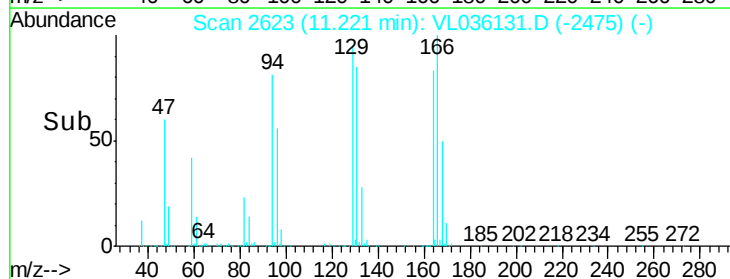
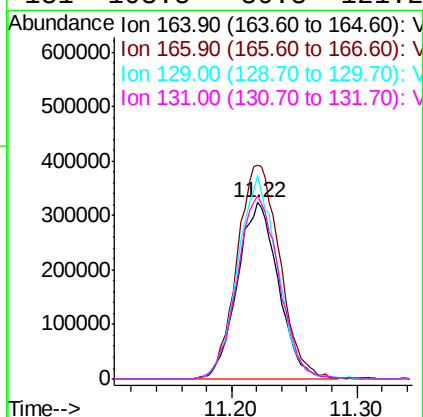
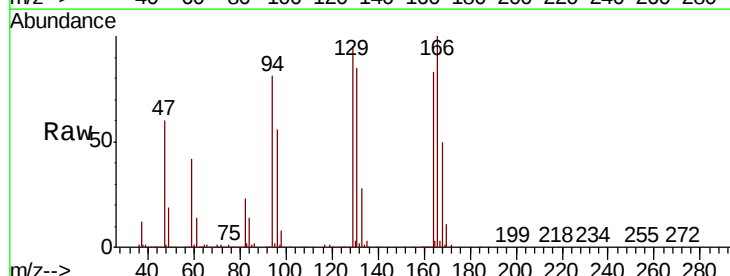
#51
2-Hexanone
Concen: 11.175 ppbv
RT: 10.13 min Scan# 2284
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

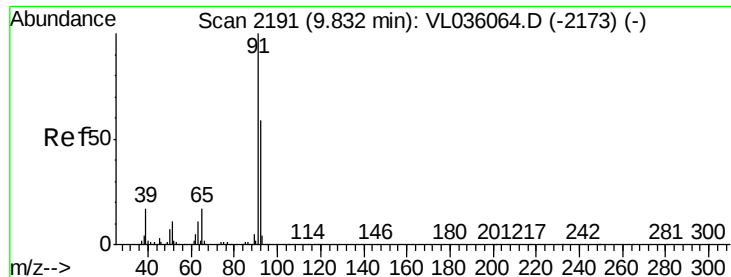
Tot Ion: 43 Resp: 2371781
Ion Ratio Lower Upper
43 100
58 46.6 38.7 58.1
98 0.1 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.690 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

Tgt Ion: 164 Resp: 731704
Ion Ratio Lower Upper
164 100
166 121.1 101.9 152.9
129 115.2 82.1 123.1
131 103.5 80.8 121.2





#53

Toluene

Concen: 10.488 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. -0.03 min

Lab File: VL036131.D

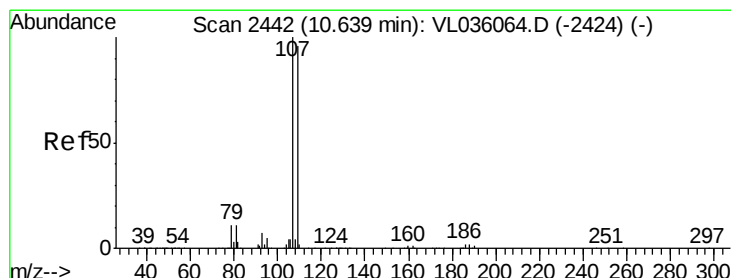
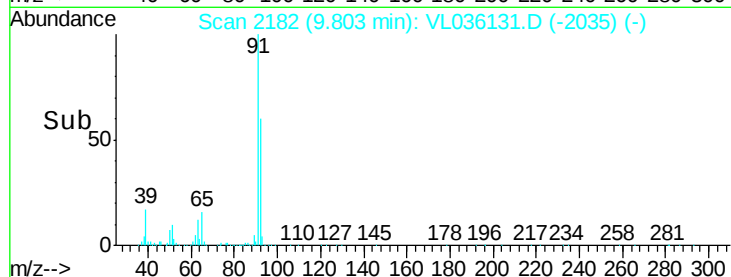
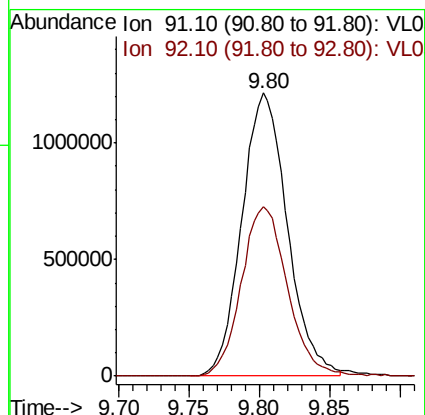
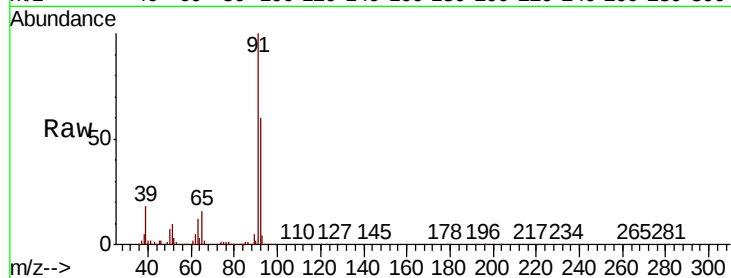
Acq: 10 Dec 2020 13:53

Tot Ion: 91 Resp: 2739315

Ion Ratio Lower Upper

91 100

92 61.1 48.2 72.2



#54

1,2-Dibromoethane

Concen: 10.459 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.03 min

Lab File: VL036131.D

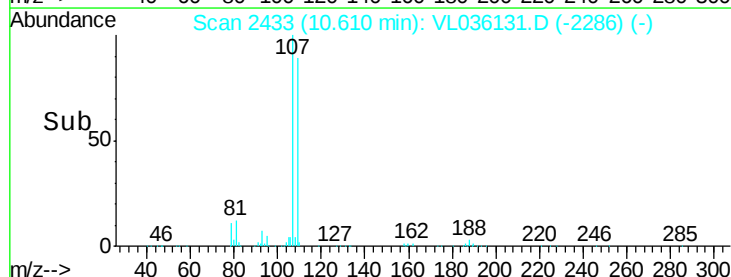
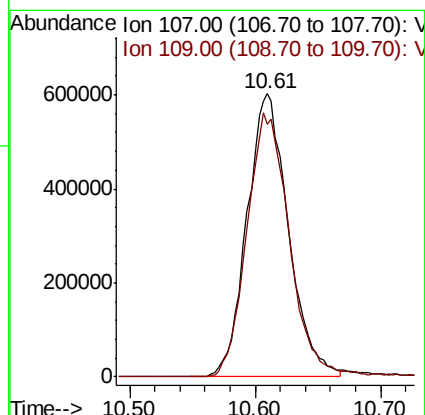
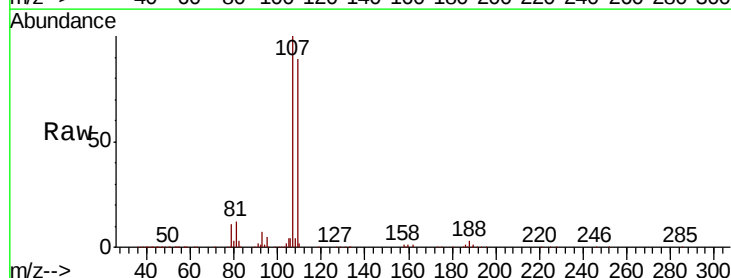
Acq: 10 Dec 2020 13:53

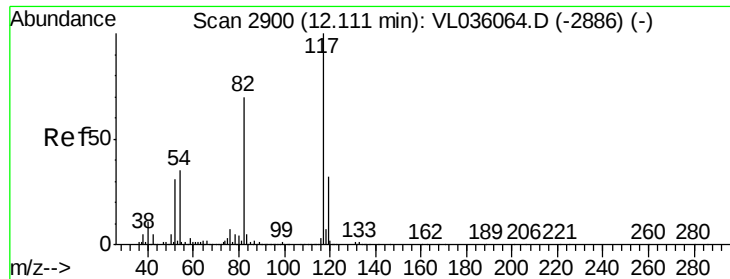
Tgt Ion: 107 Resp: 1385516

Ion Ratio Lower Upper

107 100

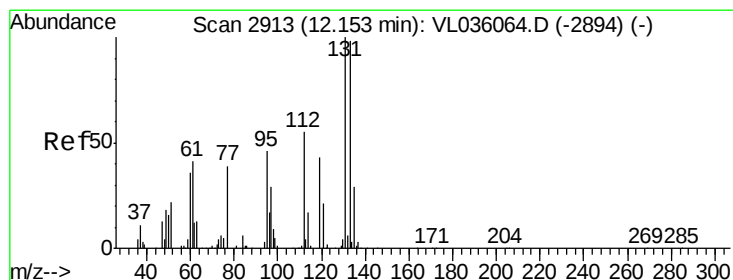
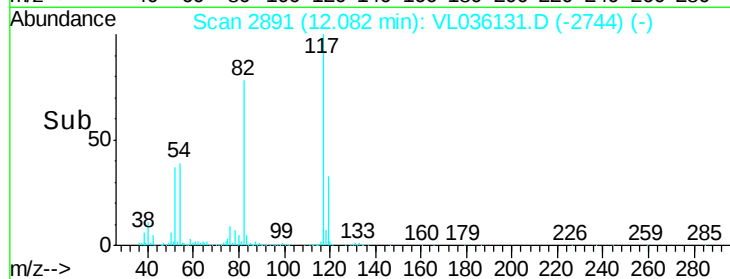
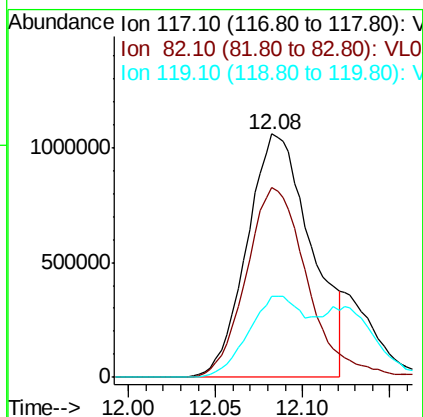
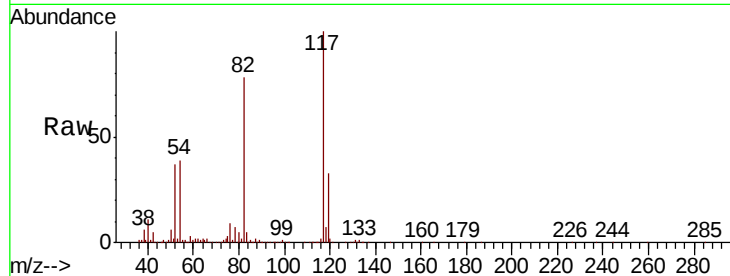
109 89.1 76.6 115.0





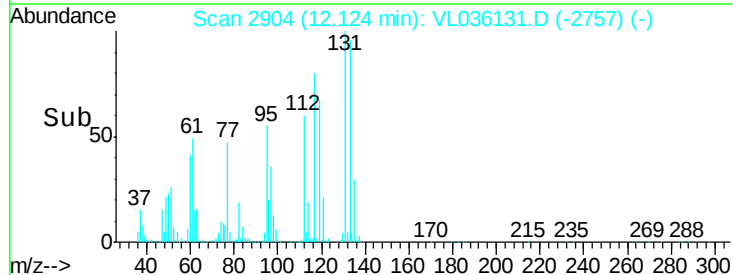
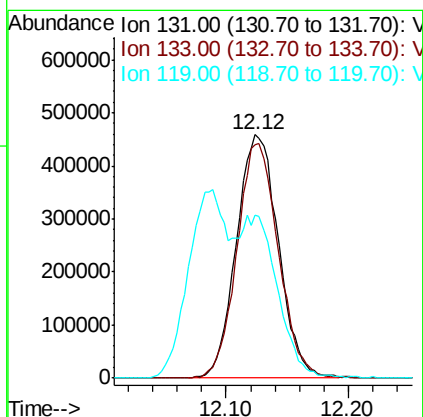
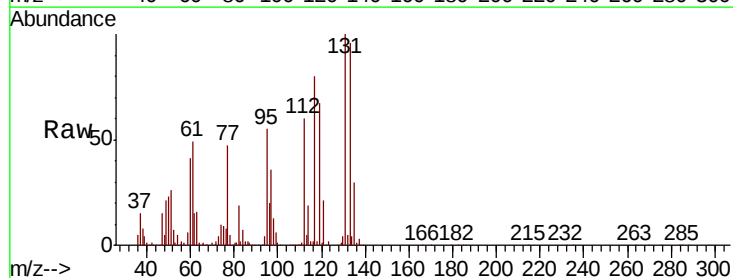
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08 min Scan# 2891
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

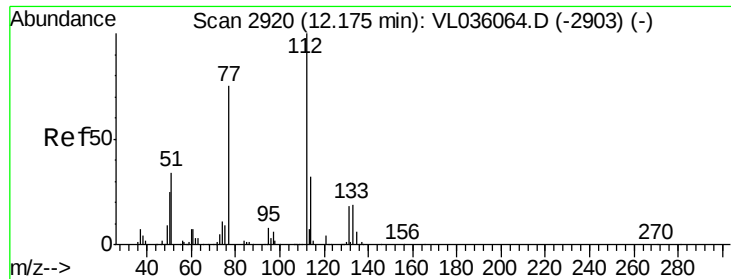
Tot Ion:117 Resp: 2707518
Ion Ratio Lower Upper
117 100
82 75.2 0.0 0.0#
119 54.7 0.0 0.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 9.673 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

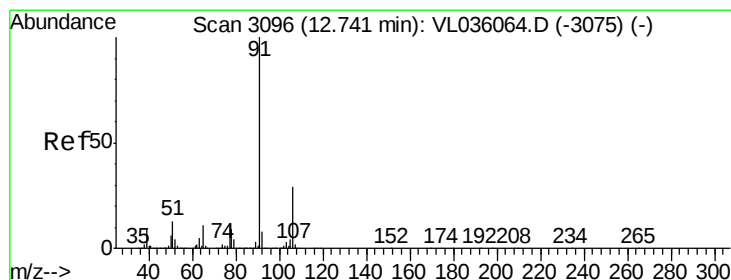
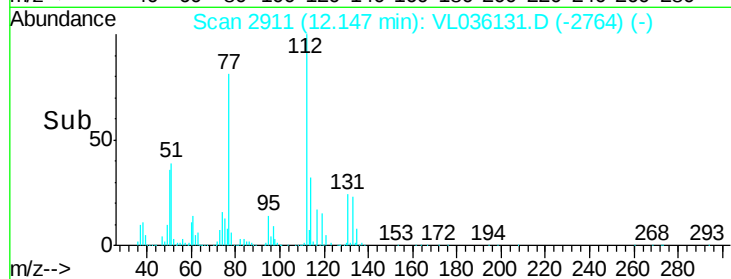
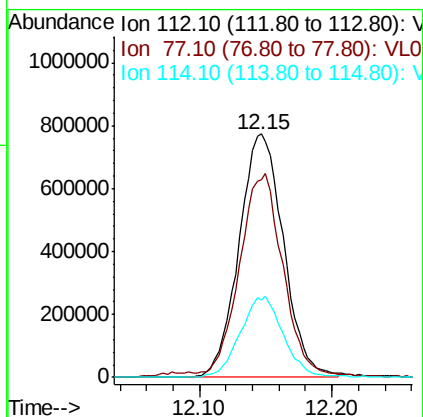
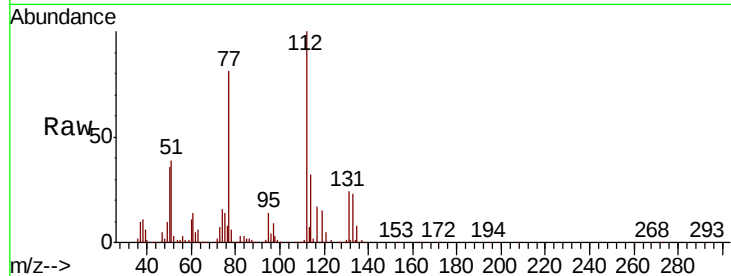
Tgt Ion:131 Resp: 1085929
Ion Ratio Lower Upper
131 100
133 95.9 77.7 116.5
119 58.9 51.6 77.4





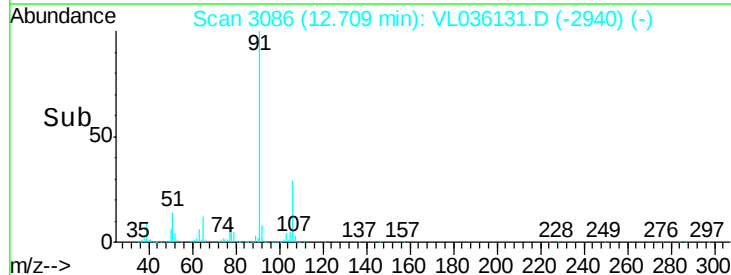
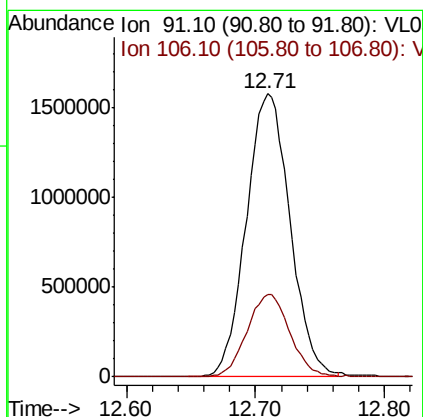
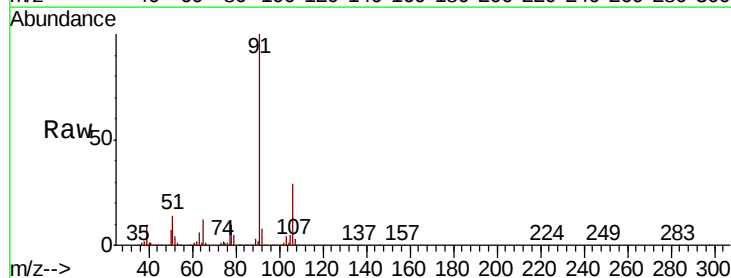
#57
Chlorobenzene
Concen: 9.432 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

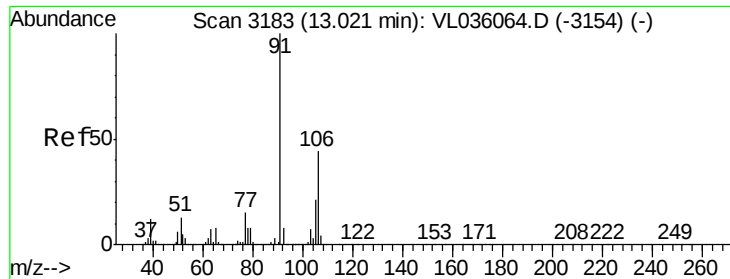
Tot Ion:112 Resp: 1792742
Ion Ratio Lower Upper
112 100
77 80.0 60.5 90.7
114 31.6 29.2 35.6



#58
Ethyl Benzene
Concen: 10.052 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

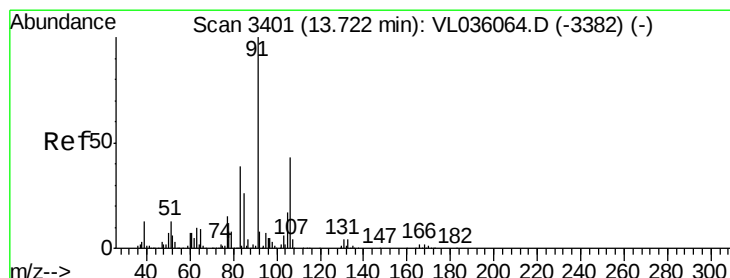
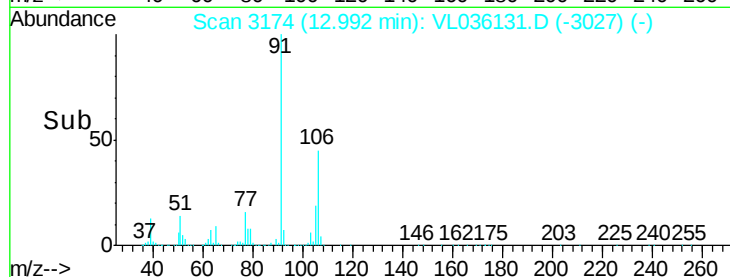
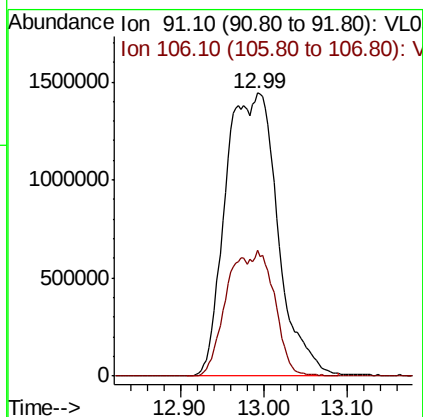
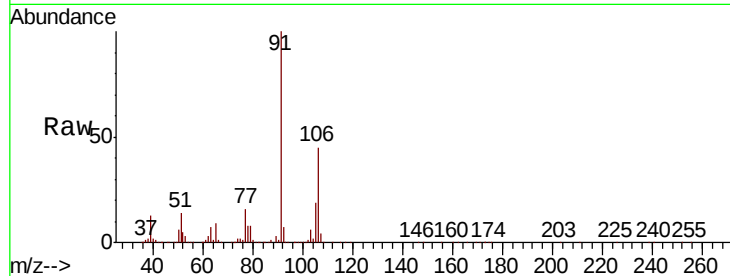
Tgt Ion: 91 Resp: 3729934
Ion Ratio Lower Upper
91 100
106 29.1 23.0 34.4





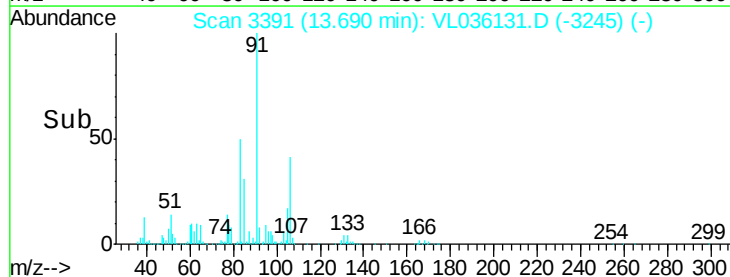
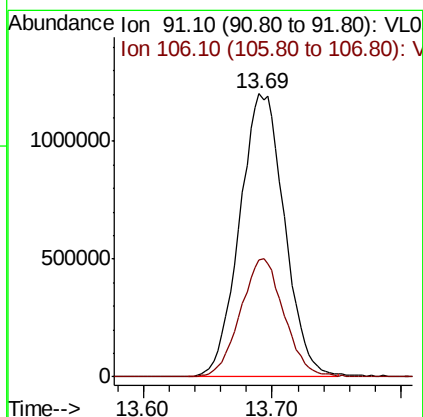
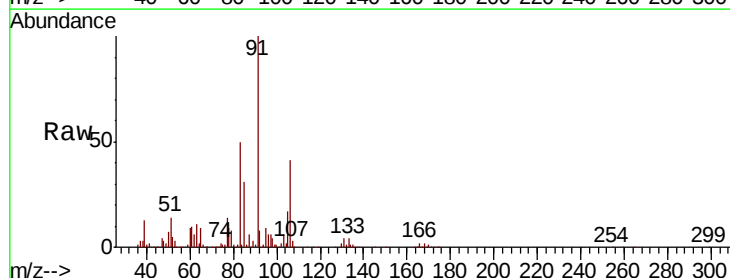
#59
m/p-Xylene
Concen: 20.021 ppbv m
RT: 12.99 min Scan# 3174
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

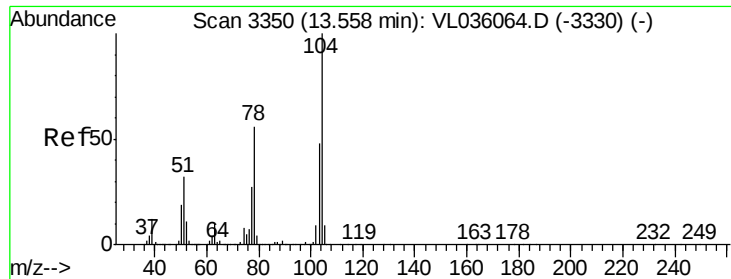
Tot Ion: 91 Resp: 6256813
Ion Ratio Lower Upper
91 100
106 40.1 33.6 50.4



#60
o-Xylene
Concen: 9.869 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

Tgt Ion: 91 Resp: 2905914
Ion Ratio Lower Upper
91 100
106 40.8 21.6 64.6





#61

Stvrene

Concen: 9.996 ppbv

RT: 13.53 min Scan# 3341

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

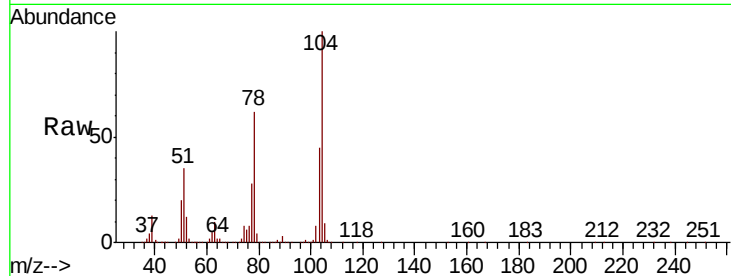
Tot Ion:104 Resp: 1889622

Ion Ratio Lower Upper

104 100

78 62.1 45.8 68.8

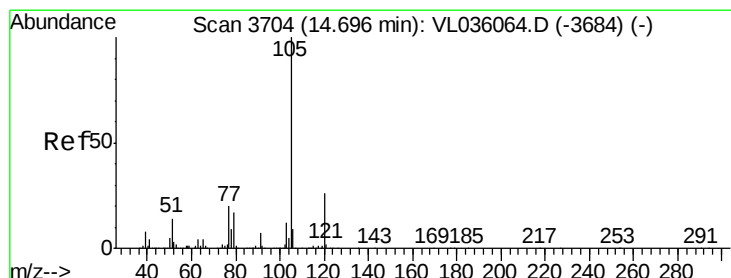
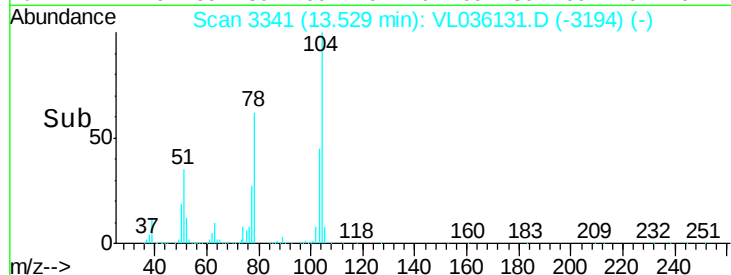
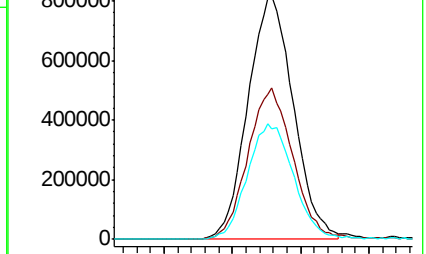
103 48.5 38.6 57.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 9.498 ppbv

RT: 14.67 min Scan# 3696

Delta R.T. -0.03 min

Lab File: VL036131.D

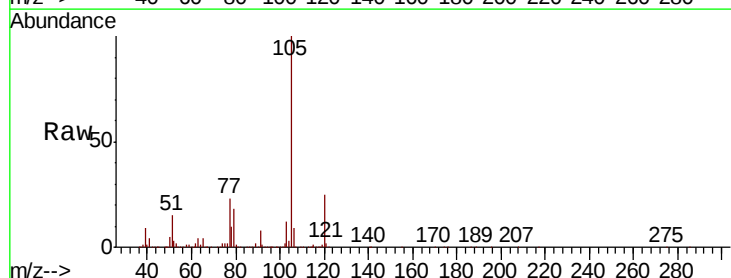
Acq: 10 Dec 2020 13:53

Tgt Ion:105 Resp: 4145502

Ion Ratio Lower Upper

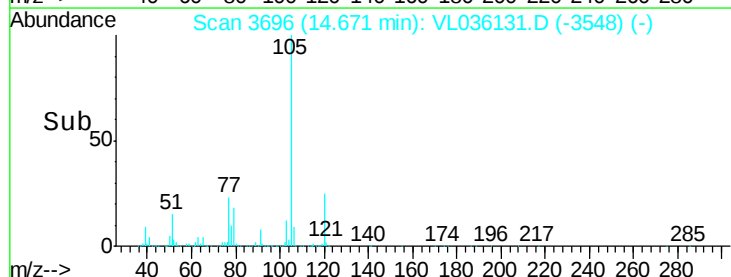
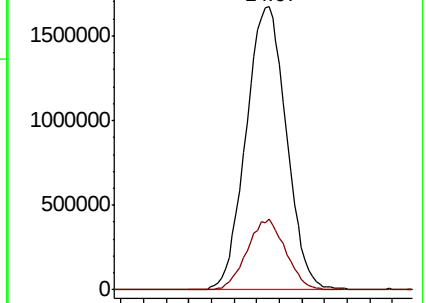
105 100

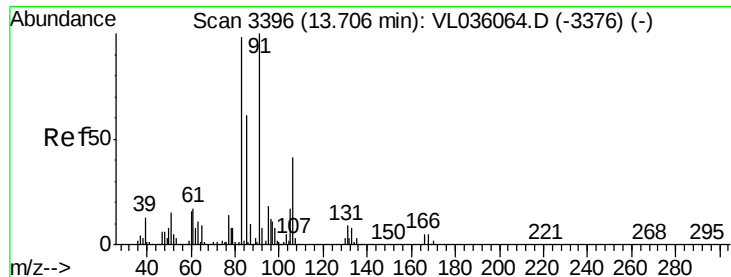
120 23.9 20.1 30.1



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: 9.724 ppbv

RT: 13.68 min Scan# 3387

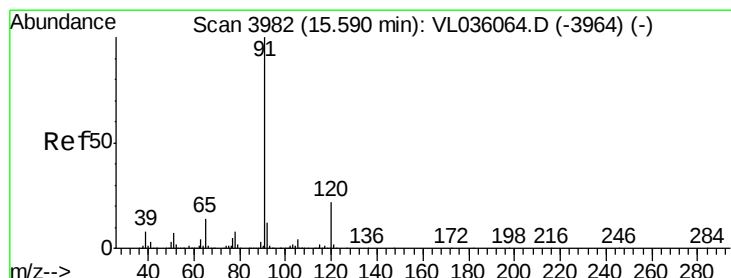
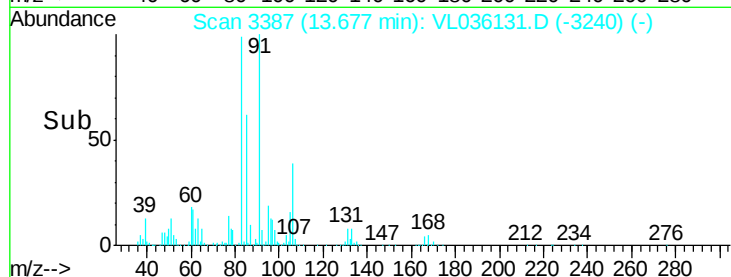
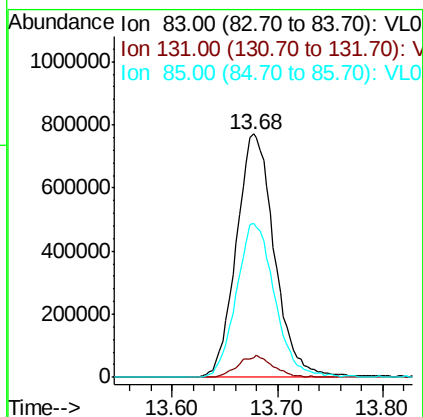
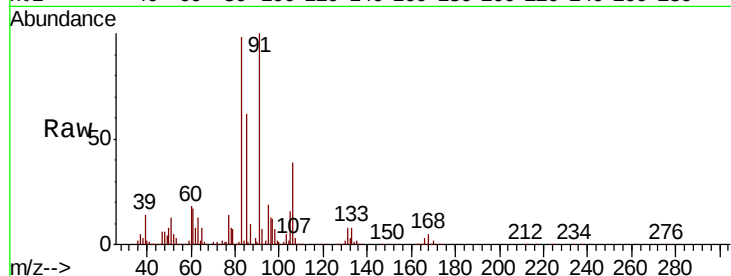
Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

Tot Ion: 83 Resp: 1928297

Ion	Ratio	Lower	Upper
83	100		
131	8.6	4.6	13.8
85	64.1	32.5	97.5



#64

n-propylbenzene

Concen: 9.506 ppbv

RT: 15.56 min Scan# 3974

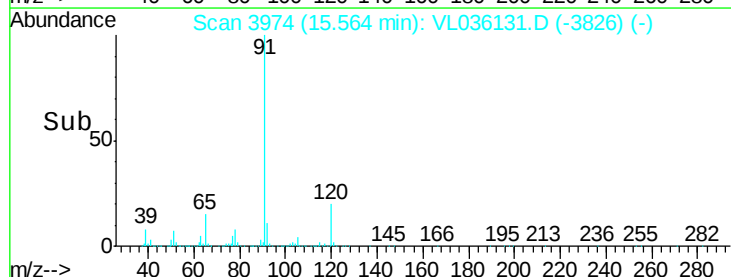
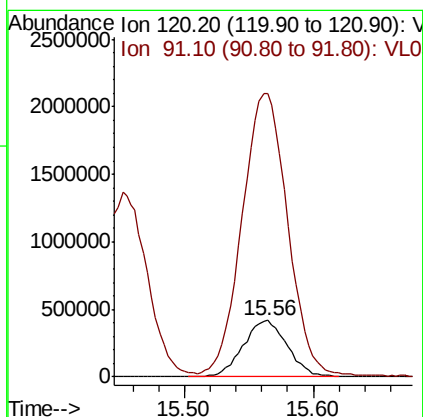
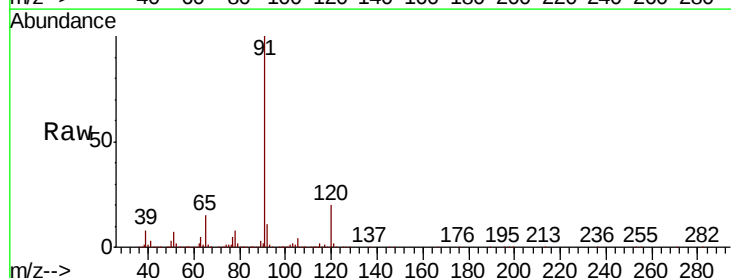
Delta R.T. -0.03 min

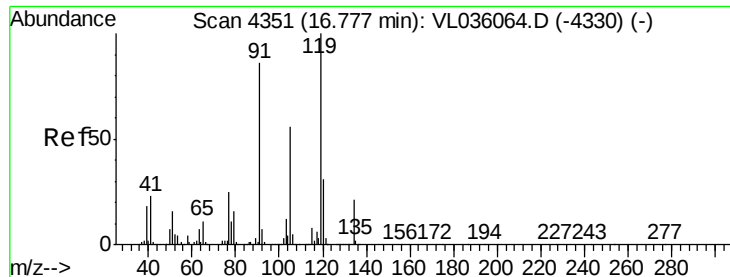
Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

Tgt Ion:120 Resp: 998150

Ion	Ratio	Lower	Upper
120	100		
91	521.8	388.9	583.3





#65

tert-Butylbenzene

Concen: 9.089 ppbv m

RT: 16.74 min Scan# 4341

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

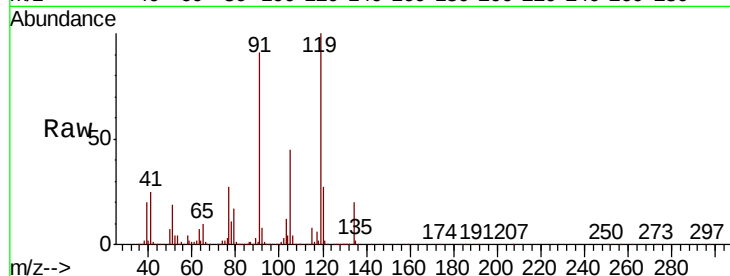
Tot Ion: 119 Resp: 3247095

Ion Ratio Lower Upper

119 100

91 95.7 70.2 105.2

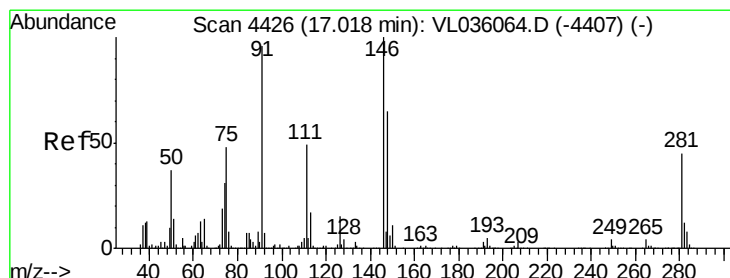
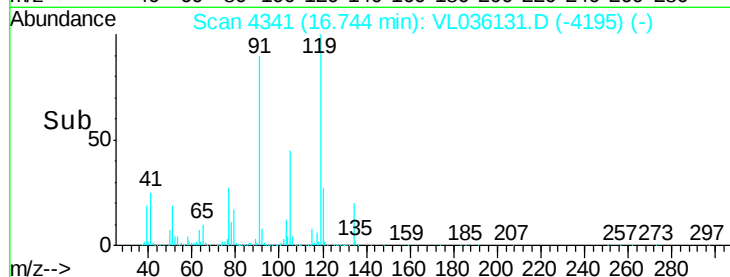
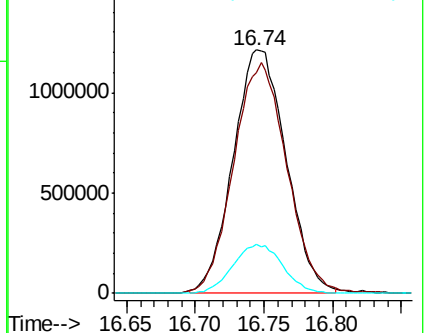
134 19.1 15.8 23.6



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: 8.816 ppbv

RT: 16.99 min Scan# 4418

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

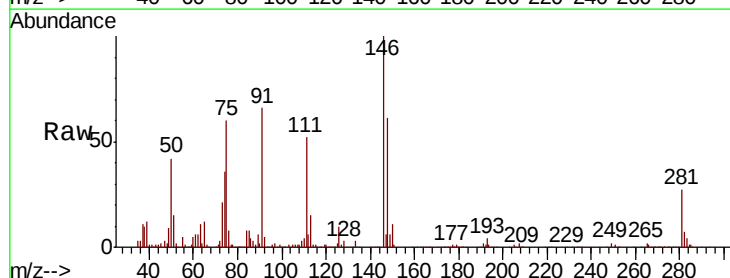
Tgt Ion: 91 Resp: 784250

Ion Ratio Lower Upper

91 100

126 14.8 13.5 20.3

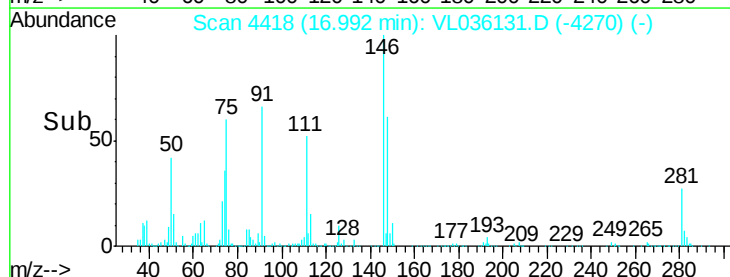
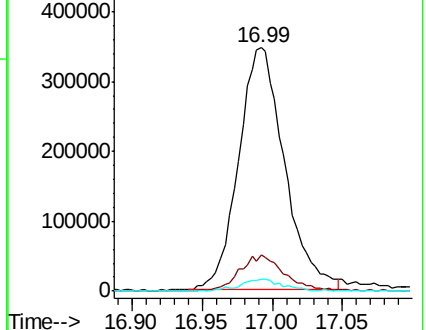
128 4.8 4.4 6.6

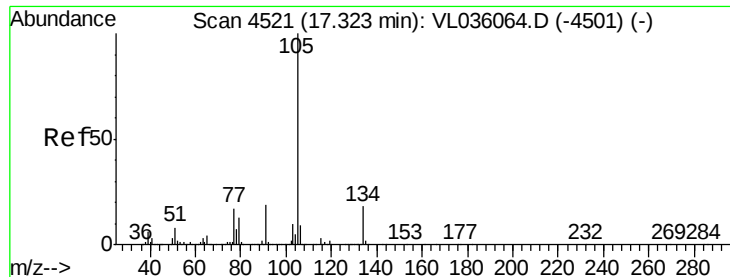


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

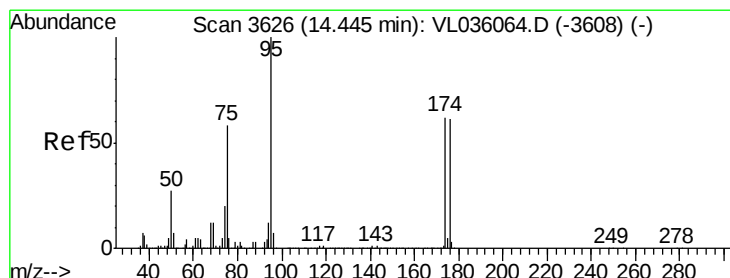
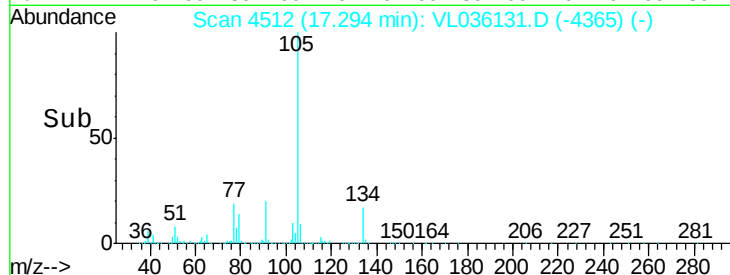
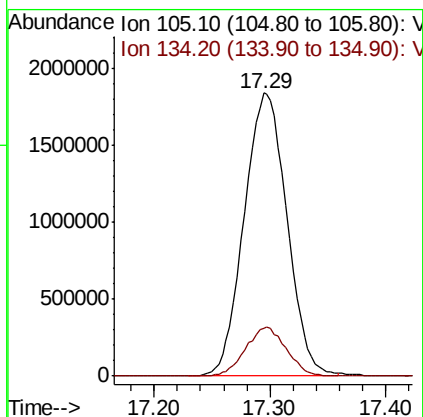
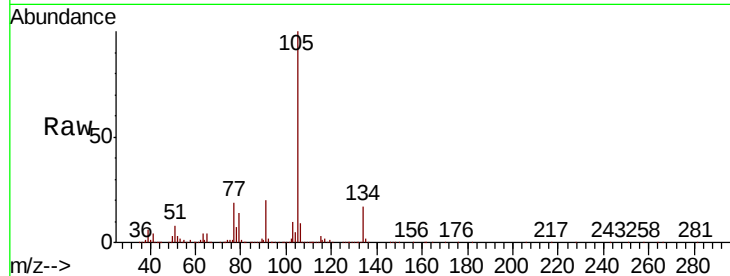
Ion 128.10 (127.80 to 128.80): V





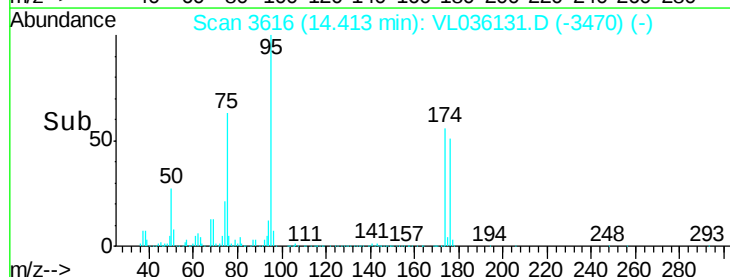
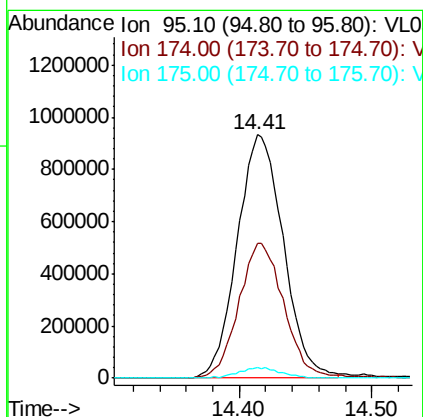
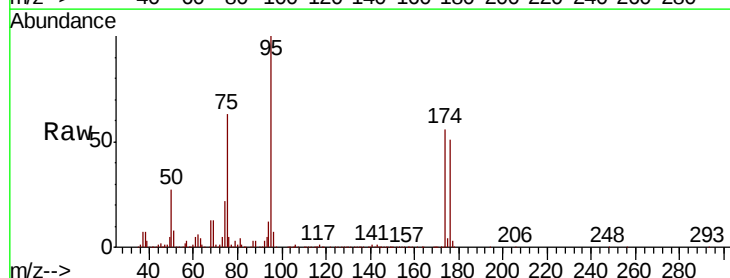
#67
 sec-Butylbenzene
 Concen: 9.428 ppbv
 RT: 17.29 min Scan# 4512
 Delta R.T. -0.03 min
 Lab File: VL036131.D
 Acq: 10 Dec 2020 13:53

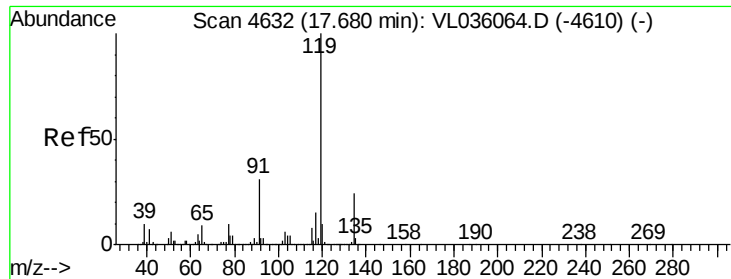
Tot Ion: 105 Resp: 4713796
 Ion Ratio Lower Upper
 105 100
 134 16.7 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.431 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.03 min
 Lab File: VL036131.D
 Acq: 10 Dec 2020 13:53

Tgt Ion: 95 Resp: 2242443
 Ion Ratio Lower Upper
 95 100
 174 55.1 50.7 76.1
 175 4.1 4.0 6.0

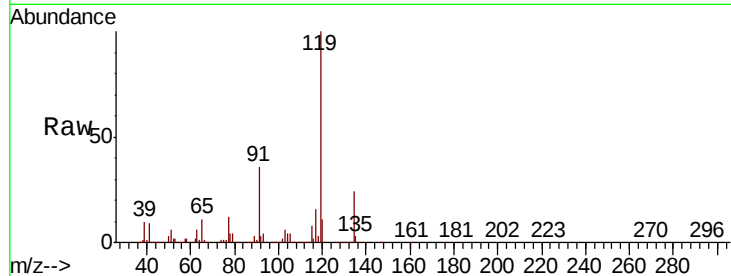




#69
 p-Isopropyltoluene
 Concen: 9.210 ppbv
 RT: 17.65 min Scan# 4624
 Delta R.T. -0.03 min
 Lab File: VL036131.D
 Acq: 10 Dec 2020 13:53

Tot Ion: 119 Resp: 3662723

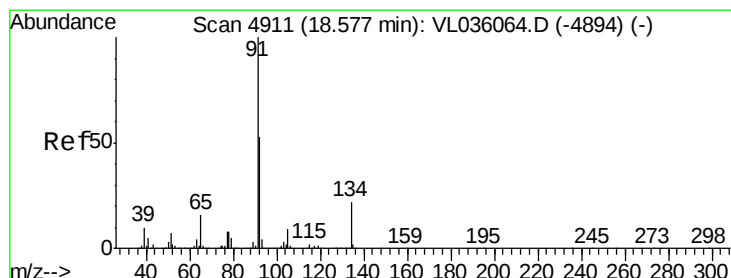
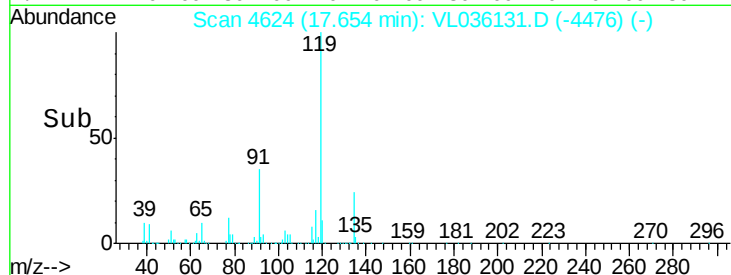
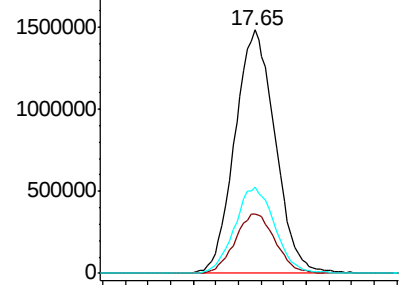
Ion	Ratio	Lower	Upper
119	100		
134	24.6	19.8	29.6
91	35.3	25.8	38.6



Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

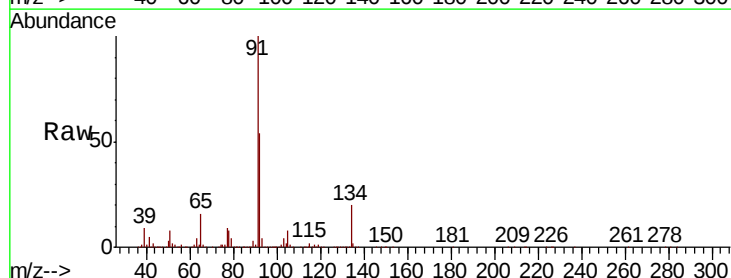
Ion 91.10 (90.80 to 91.80): V



#70
 n-Butylbenzene
 Concen: 10.104 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. -0.02 min
 Lab File: VL036131.D
 Acq: 10 Dec 2020 13:53

Tgt Ion: 91 Resp: 3971527

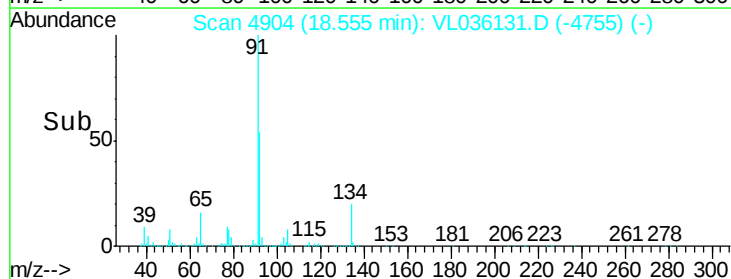
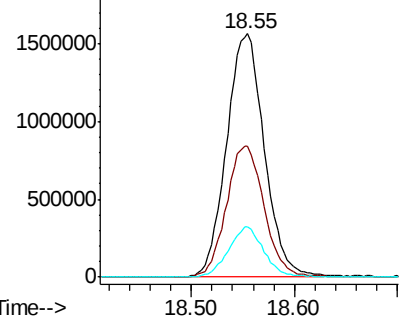
Ion	Ratio	Lower	Upper
91	100		
92	54.3	43.3	64.9
134	19.3	17.1	25.7

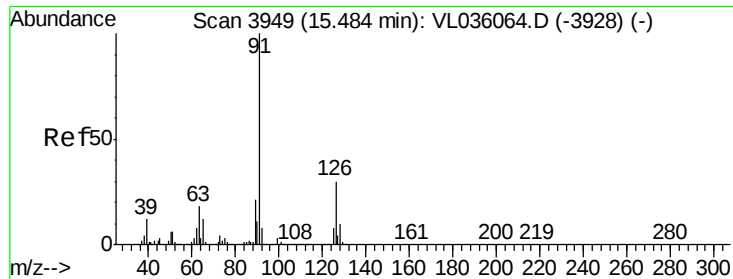


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

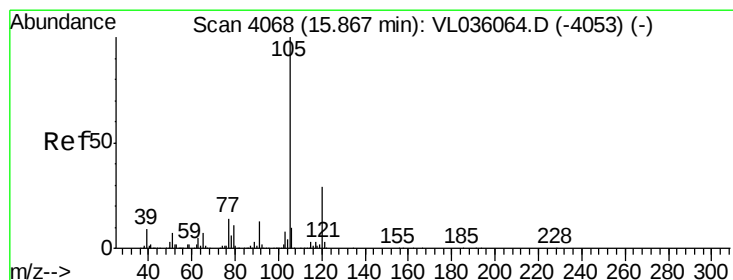
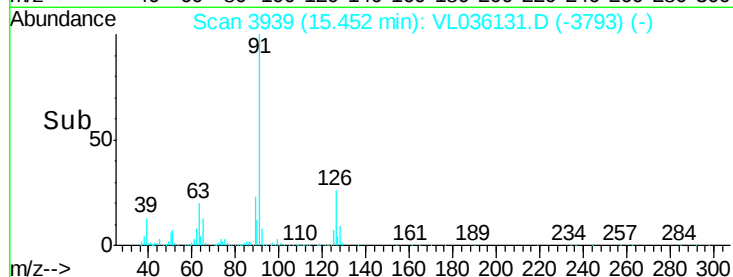
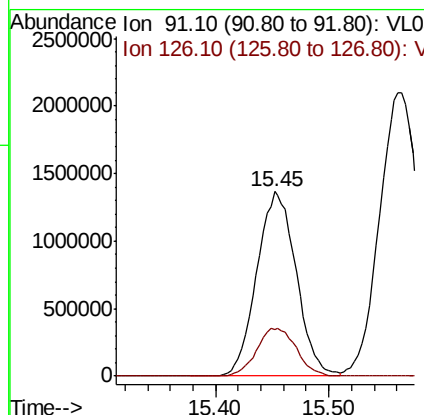
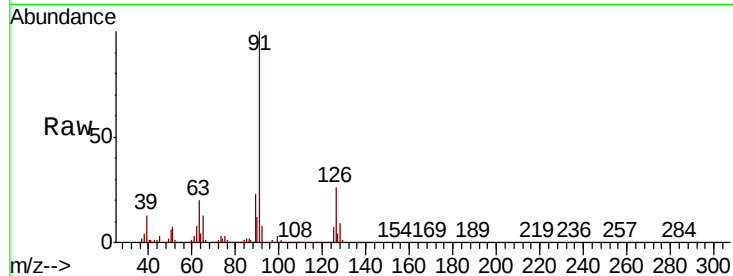
Ion 134.20 (133.90 to 134.90): V





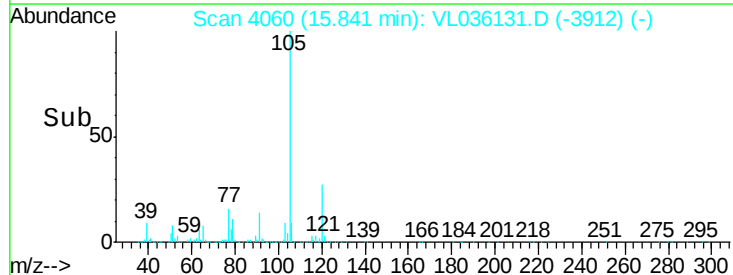
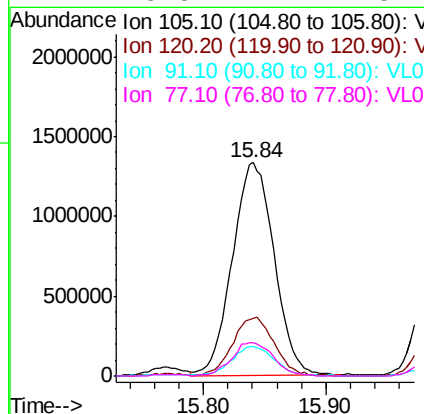
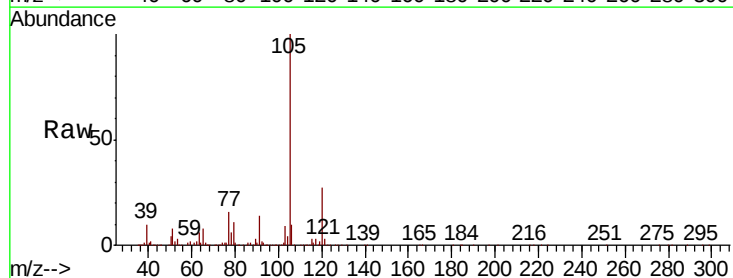
#71
2-Chlorotoluene
Concen: 9.993 ppbv
RT: 15.45 min Scan# 3939
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

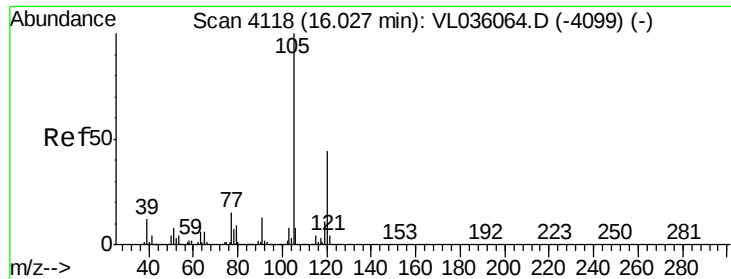
Tot Ion: 91 Resp: 3296983
Ion Ratio Lower Upper
91 100
126 26.4 11.6 46.4



#72
4-Ethyltoluene
Concen: 9.904 ppbv
RT: 15.84 min Scan# 4060
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

Tgt Ion:105 Resp: 3159090
Ion Ratio Lower Upper
105 100
120 27.7 23.6 35.4
91 13.8 11.4 17.0
77 15.8 12.1 18.1

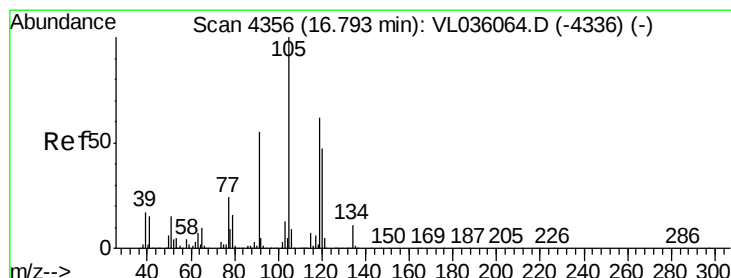
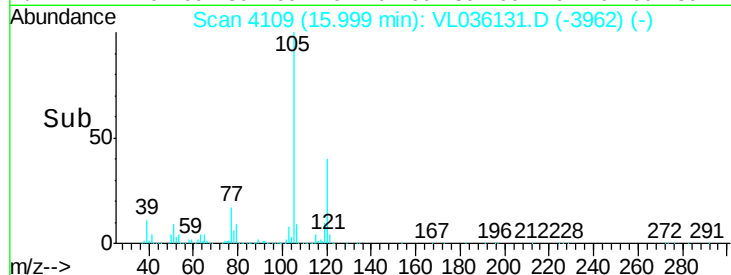
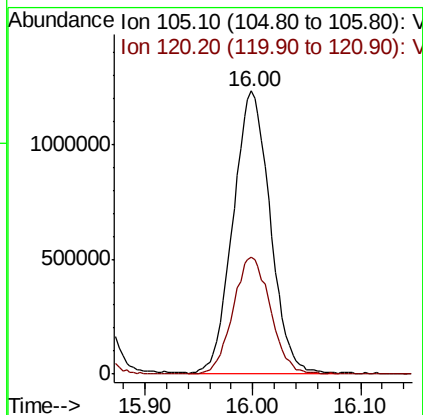
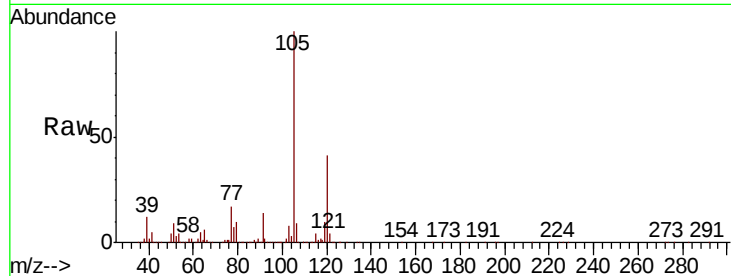




#73

1,3,5-Trimethylbenzene
Concen: 9.597 ppbv
RT: 16.00 min Scan# 4109
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

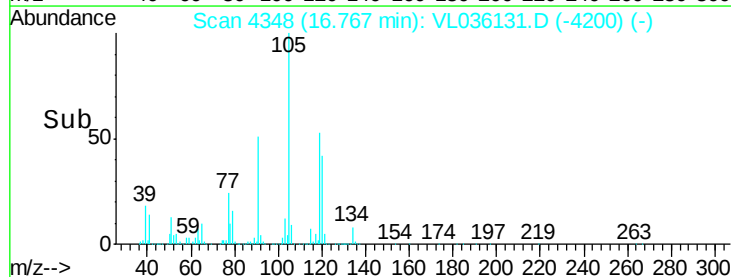
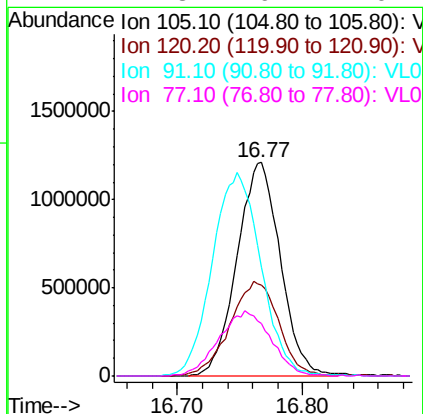
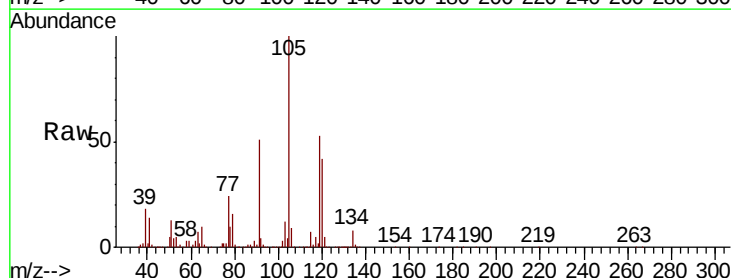
Tot Ion:105 Resp: 2923331
Ion Ratio Lower Upper
105 100
120 41.4 35.4 53.2

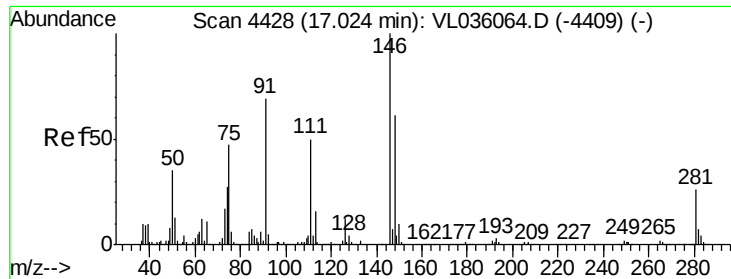


#74

1,2,4-Trimethylbenzene
Concen: 9.458 ppbv
RT: 16.77 min Scan# 4348
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

Tgt Ion:105 Resp: 2891989
Ion Ratio Lower Upper
105 100
120 42.0 37.4 56.0
91 50.5 45.6 68.4
77 24.3 19.4 29.2





#75

1,3-Dichlorobenzene

Concen: 9.146 ppbv

RT: 17.00 min Scan# 4420

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

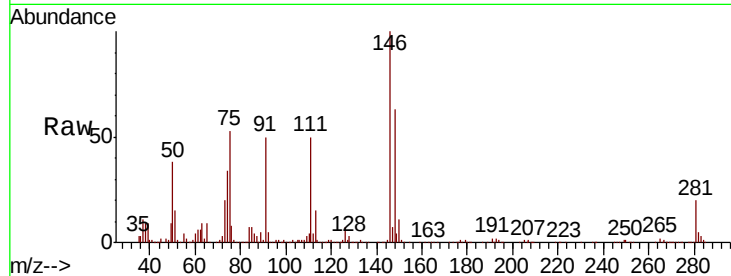
Tot Ion:146 Resp: 1399868

Ion Ratio Lower Upper

146 100

111 53.2 25.1 75.3

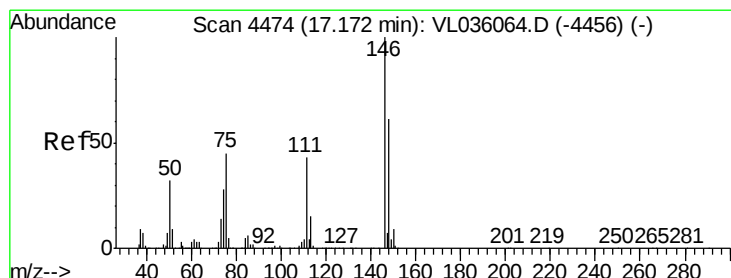
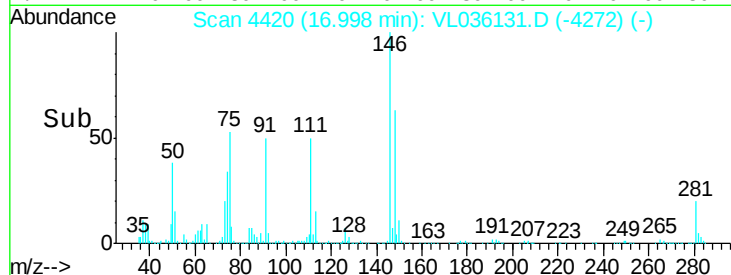
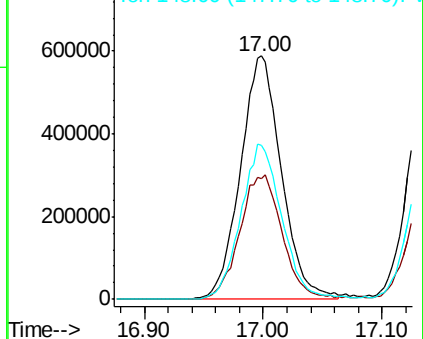
148 64.0 32.9 98.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 8.691 ppbv

RT: 17.14 min Scan# 4464

Delta R.T. -0.03 min

Lab File: VL036131.D

Acq: 10 Dec 2020 13:53

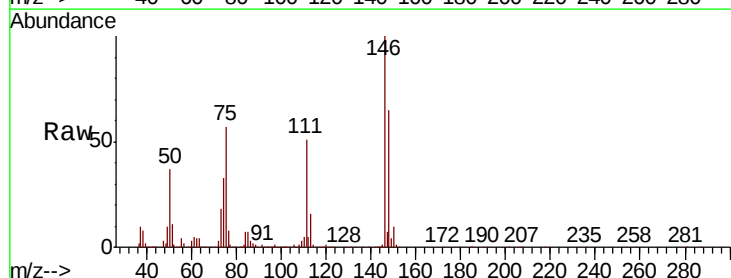
Tgt Ion:146 Resp: 1354376

Ion Ratio Lower Upper

146 100

111 53.6 24.3 72.8

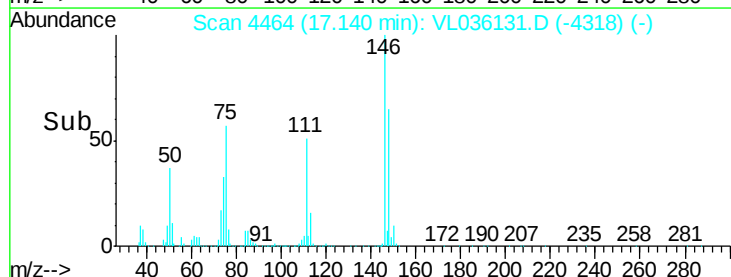
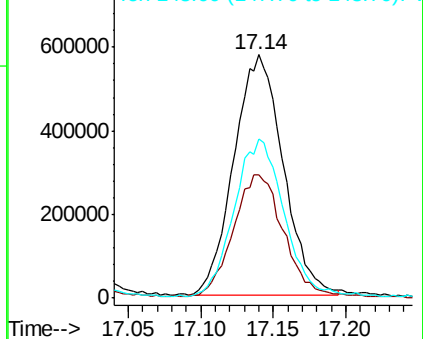
148 68.1 32.8 98.3

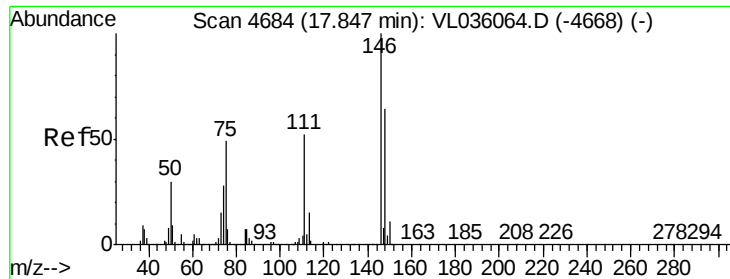


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

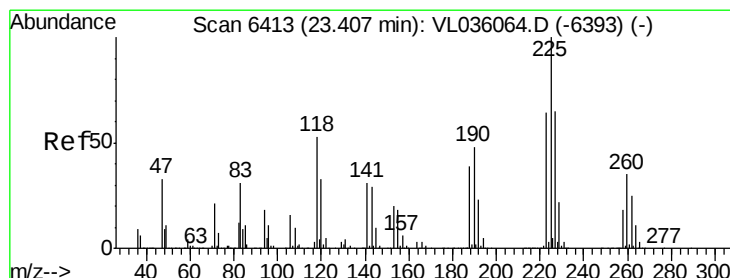
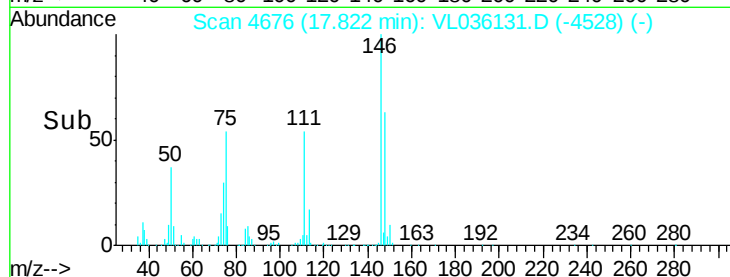
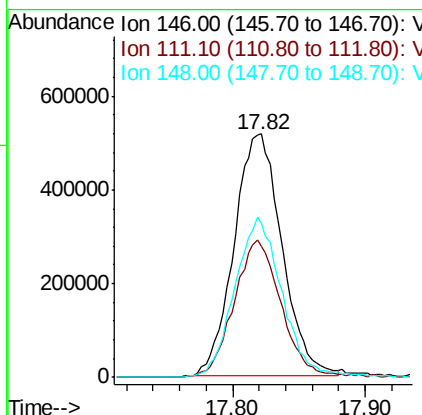
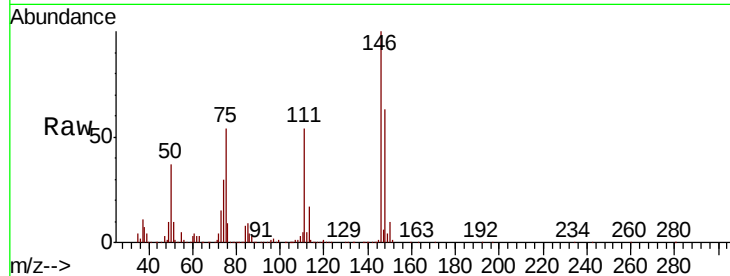
Ion 148.00 (147.70 to 148.70): V





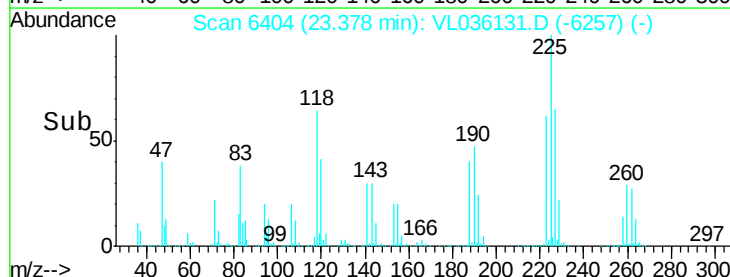
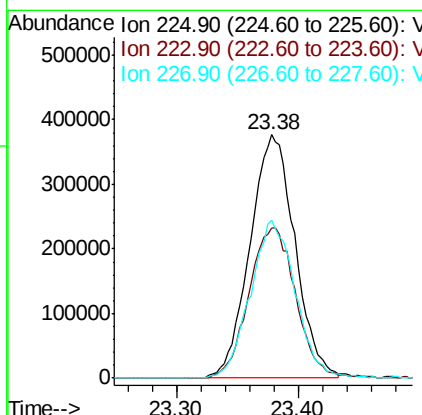
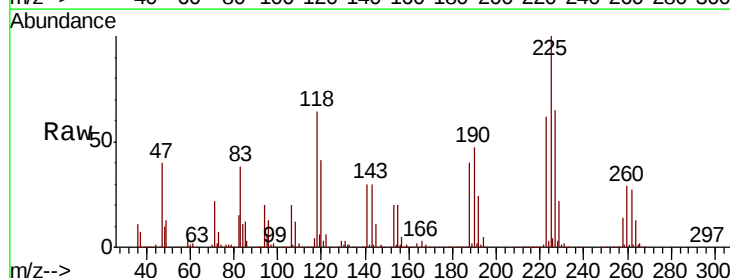
#77
 1,2-Dichlorobenzene
 Concen: 8.850 ppbv
 RT: 17.82 min Scan# 4676
 Delta R.T. -0.03 min
 Lab File: VL036131.D
 Acq: 10 Dec 2020 13:53

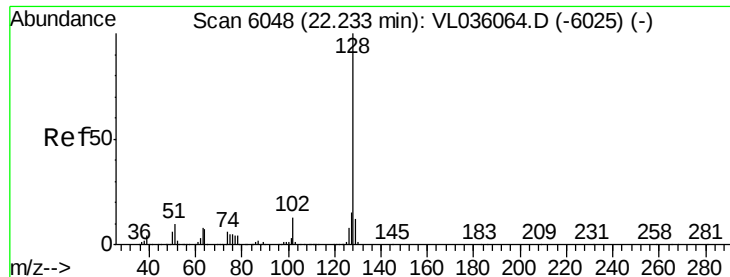
Tot Ion:146 Resp: 1293358
 Ion Ratio Lower Upper
 146 100
 111 56.1 26.1 78.2
 148 65.5 33.1 99.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.200 ppbv
 RT: 23.38 min Scan# 6404
 Delta R.T. -0.03 min
 Lab File: VL036131.D
 Acq: 10 Dec 2020 13:53

Tgt Ion:225 Resp: 960527
 Ion Ratio Lower Upper
 225 100
 223 64.4 51.1 76.7
 227 65.3 51.7 77.5

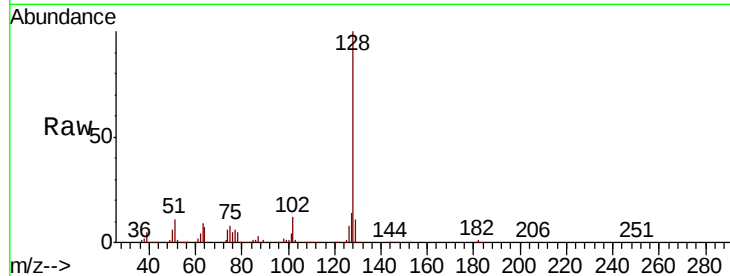




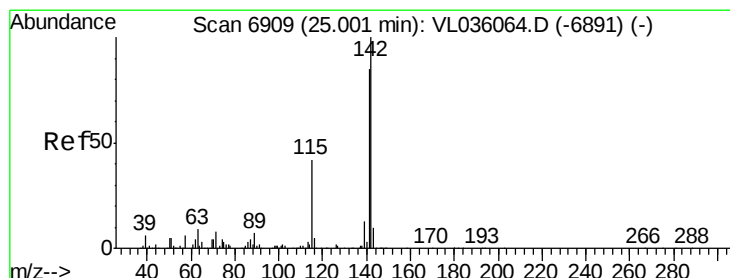
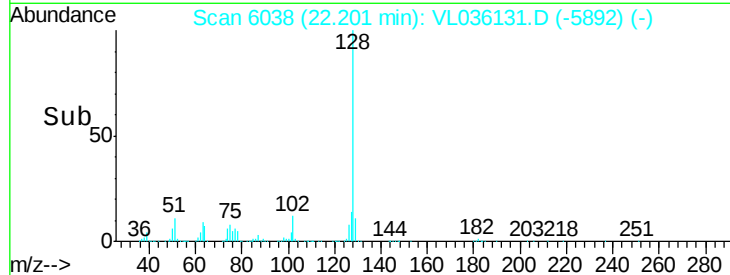
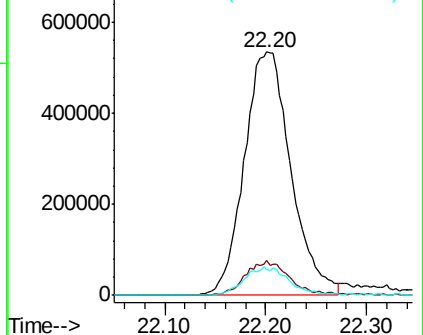
#79
Naphthalene
Concen: 11.047 ppbv
RT: 22.20 min Scan# 6038
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

Tot Ion:128 Resp: 1717038

Ion	Ratio	Lower	Upper
128	100		
127	14.4	11.7	17.5
129	10.7	9.3	13.9



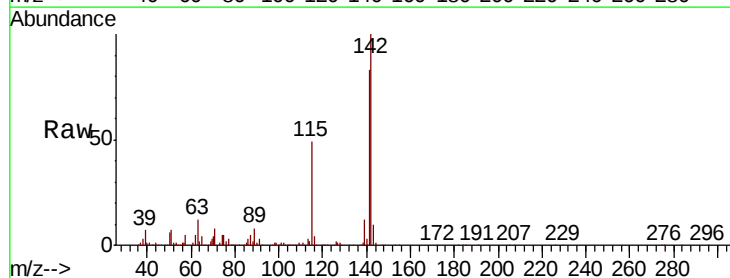
Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



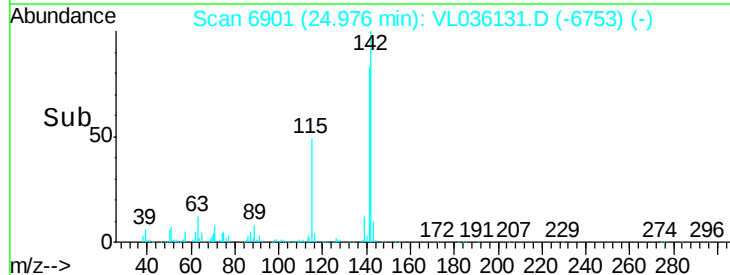
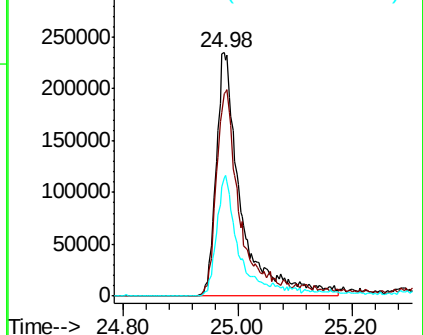
#80
Naphthalene, 2-methyl-
Concen: 20.464 ppbv
RT: 24.98 min Scan# 6901
Delta R.T. -0.03 min
Lab File: VL036131.D
Acq: 10 Dec 2020 13:53

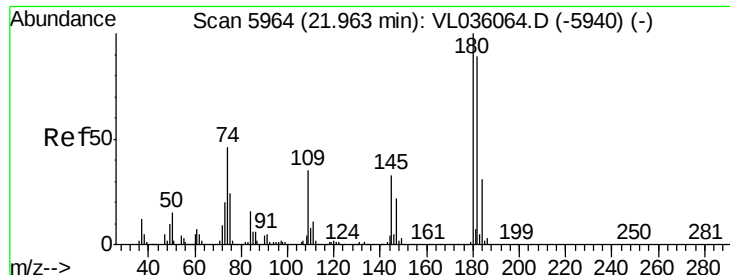
Tgt Ion:142 Resp: 711265

Ion	Ratio	Lower	Upper
142	100		
141	80.7	64.3	96.5
115	46.1	33.9	50.9



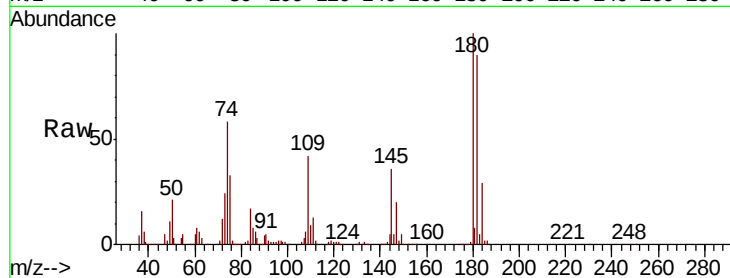
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 9.466 ppbv
 RT: 21.93 min Scan# 5954
 Delta R.T. -0.03 min
 Lab File: VL036131.D
 Acq: 10 Dec 2020 13:53

Tot Ion	Ratio	Resp	Lower	Upper
180	100	983056		
182	100.2		0.0	0.0#
184	32.5		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

